



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

### **(i) FILING -**

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

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

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

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

## Using the Indices

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

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

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

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

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

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



## 2. 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.
- (44) 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.
- (45) 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.

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***ACN 004 552 363 Pty Ltd v ICM Airport Technics Australia Pty Ltd [2022] APO 68***

Patent Application: 2017225113

Title: Luggage Processing Station and System Thereof

Patent Applicant: ICM Airport Technics Australia Pty Ltd

Opponent: ACN 004 552 363 Pty Ltd

Delegate: Neil Miller

Decision Date: 27 September 2022

Hearing Date: 24 February 2022, by Video Conference

Catchwords: PATENTS – Section 59 – opposition to grant of a patent – grounds of Novelty, Inventive Step, Sufficiency, Best Method – Priority Date – Luggage Processing Station– Bag Drop – opposition unsuccessful on all grounds – cost awarded

Representation: Patent attorney for the applicant: Griffith Hack  
Counsel for the Applicant: Mr Ian Horak  
Solicitor for the opponent: Ashurst Australia  
Counsel for the opponent: Ms Clare Cunliffe

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 20 Sep 2022 .

|   |   |   |
|---|---|---|
| (71) Albert Donald Grant Pty. Ltd.<br>(21) 2022902733 (22) 21.09.2022<br>(54) Pallet  | (71) Capper & Campbell Pty Ltd; Capper, C.<br>(21) 2022902720 (22) 20.09.2022<br>(54) Stylus holder for handlebars  | (71) DRYWALL PLASTERERS AUSTRALIA<br>PTY LTD<br>(21) 2022902752 (22) 23.09.2022<br>(54) Drywall Compound Applicator   |
| (71) All G Foods Holdings Pty Limited<br>(21) 2022902724 (22) 21.09.2022<br>(54) Food Structures  | (71) Collins, J.<br>(21) 2022902731 (22) 21.09.2022<br>(54) ELECTRICAL POWER LINE FAULT<br>DETECTION  | (71) Energy & Recycling Technologies<br>(21) 2022902691 (22) 18.09.2022<br>(54) ORES TO BATTERY CATHODES  |
| (71) Aristocrat Technologies Australia Pty<br>Limited<br>(21) 2022902750 (22) 22.09.2022<br>(54) SCROLLING FORTUNES                             | (71) Contoleon, G.<br>(21) 2022902669 (22) 13.09.2022<br>(54) Gold and precious metal from deep<br>plutonic origins involving high and low<br>silica and subsequent top surface res-<br>ults    | (71) Enretech Technologies Pty Limited<br>(21) 2022902760 (22) 23.09.2022<br>(54) Process   |
| (71) Baraja Pty Ltd<br>(21) 2022902741 (22) 21.09.2022<br>(54) Spatial profiling systems and methods  | (71) Cost-Bry Pty Ltd (trading as Bio-<br>meBank)<br>(21) 2022902716 (22) 20.09.2022<br>(54) Compositions and Methods for Redu-<br>cing Endogenous Sulphide in Inflam-<br>matory Bowel Diseases | (71) Fiber Sense Limited<br>(21) 2022902736 (22) 21.09.2022<br>(54) Acoustic method and system for track-<br>ing objects and identifying trends in<br>tracks of tracked objects for behavioural<br>and relationship information |
| (71) Beston Technologies Pty Ltd<br>(21) 2022902722 (22) 20.09.2022<br>(54) NON-CONTACT MEAT TYPE IDEN-<br>TIFICATION ARRANGEMENT AND<br>METHOD | (71) Crothers, P.<br>(21) 2022902743 (22) 21.09.2022<br>(54) A mobile spreader assembly   | (71) GALE, A.<br>(21) 2022902719 (22) 20.09.2022<br>(54) Apparatus for cleaning ears  |
| (71) BFM TECHNOLOGY LIMITED<br>(21) 2022902761 (22) 23.09.2022<br>(54) IMPROVEMENTS IN OR RELATING<br>TO FLEXIBLE DUCTS                         | <b>Cyclotek (Aust) Pty Ltd see The University<br/>of Melbourne</b><br>(21) 2022902725   | (71) Gamer, S.<br>(21) 2022902764 (22) 23.09.2022<br>(54) Improved Gate Assembly  |
| (71) B-Hub Solar Port Pty Ltd<br>(21) 2022902698 (22) 19.09.2022<br>(54) The Mini Modular Off-grid Solution<br>(MMOS)                           | (71) DIRAD PTY LTD<br>(21) 2022902745 (22) 21.09.2022<br>(54) PERIODONTAL INSTRUMENT AND<br>METHOD OF SUBGINGIVAL THER-<br>APY  | (71) Gragiyk Pty Ltd<br>(21) 2022902749 (22) 22.09.2022<br>(54) TROLLING RIG  |
| (71) Breville Pty Limited<br>(21) 2022902732 (22) 21.09.2022<br>(54) An appliance   | (71) Dorfliger, L.<br>(21) 2022902723 (22) 21.09.2022<br>(54) Material structure furling apparatus  | (71) Grigorov, V.<br>(21) 2022902715 (22) 20.09.2022<br>(54) SMS Footer Advertising Method  |
| <b>Capper, C. see Capper &amp; Campbell Pty Ltd</b><br>(21) 2022902720  |   | (71) Howard Wright Limited<br>(21) 2022902728 (22) 21.09.2022<br>(54) A POWERED RETRACTION SYSTEM<br>FOR A WHEEL  |

Provisional Applications Filed - Name Index cont'd

(71) Howard Wright Limited  
(21) 2022902729 (22) 21.09.2022  
(54) HANDLE ASSEMBLY FOR A WHEELED APPARATUS

(71) Howard Wright Limited  
(21) 2022902730 (22) 21.09.2022  
(54) A CASTOR CONTROL SYSTEM

(71) IRVINE, R.  
(21) 2022902766 (22) 23.09.2022  
(54) Method for adding rubber tracks to Wet Cutting Saws

(71) Kloer Pty Ltd  
(21) 2022902718 (22) 20.09.2022  
(54) ELECTRIC VEHICLE SOLAR POWER RECHARGING SYSTEM

(71) Knorr, A.  
(21) 2022902767 (22) 24.09.2022  
(54) Parallel and Centric Gripper and Holder

(71) Langford, K.  
(21) 2022902775 (22) 23.09.2022  
(54) IMPROVED AND BEST METHOD/PROCESS OF RE-CONDITIONING A CRICKET BALL

(71) Langford, K.  
(21) 2022902777 (22) 23.09.2022  
(54) METHOD AND FORMULATION FOR POLISHING A CRICKET BALL INCLUDING PROCESS

(71) LO AND HO PTY LTD  
(21) 2022902768 (22) 24.09.2022  
(54) AUTOMATICALLY TUNING A POWER MANAGEMENT SYSTEM

(71) Mitra, A.  
(21) 2022902706 (22) 19.09.2022  
(54) NOVEL BIOPROSTHETIC HEART VALVE FOR SURGICAL MITRAL VALVE REPLACEMENT

(71) Monash University  
(21) 2022902739 (22) 21.09.2022  
(54) NANOSHEET MONOLAYERS

(71) Monash University  
(21) 2022902742 (22) 21.09.2022  
(54) Anti-CCR8 antibodies

(71) Murdoch Children's Research Institute  
(21) 2022902748 (22) 22.09.2022  
(54) Methods and kits for assessing medical risk

(71) NewSouth Innovations Pty Limited  
(21) 2022902740 (22) 21.09.2022  
(54) Antiviral siRNA therapeutic for SARS-CoV-2

(71) NewSouth Innovations Pty Limited  
(21) 2022902762 (22) 23.09.2022  
(54) Electrode material

(71) Nordin Engineered Air Technologies Pty Ltd  
(21) 2022902717 (22) 20.09.2022  
(54) FLEXIBLE INSULATING DUCTING FOR AIR CONDITIONING

(71) Osho Limited  
(21) 2022902734 (22) 21.09.2022  
(54) CURRENT SENSOR

(71) Pagliaro, K.  
(21) 2022902735 (22) 21.09.2022  
(54) A cosmetic pencil sharpener

(71) Performance Processing Pty Ltd  
(21) 2022902726 (22) 21.09.2022  
(54) A Process and System for Heating a Lithium Containing Material with Reduced Dust Generation

(71) Perron Institute for Neurological and Translational Science Limited  
(21) 2022902727 (22) 21.09.2022  
(54) Treatments for Psoriasis

(71) Persian Phoenix brothers m\$î zad intelligence systems; Saadi Nezhad, M.  
(21) 2022902746 (22) 21.09.2022  
(54) iARM RESKU: intelligent Ambulatory Rehabilitation mechatronic (iARM) Rechargeable exoskeleton Kinetic system unit This is a system that offers customised mechanical and electronic facility to rehabilitee any part of the arm and/or forearm that has been affected by medical conditions including stroke, arthritis, injuries, long bed rest time, and acquired brain damage that needs strength, coordination, power, nerve stimulation, muscle stimulation, and assisted movements in a controlled and supported manner to preserve and recover quality of life in the community.

**Peter MacCallum Cancer Institute see The University of Melbourne**  
(21) 2022902725

(71) RFID n Print Pty Ltd  
(21) 2022902744 (22) 21.09.2022  
(54) An Improved Process of Manufacturing RFID Devices

(71) Rymarczyk, R.  
(21) 2022902756 (22) 23.09.2022  
(54) Preventing online data breaches and data modifications by unauthorised third party with InterPlanetary File System and public key encryption

**Saadi Nezhad, M. see Persian Phoenix brothers m\$î zad intelligence systems**  
(21) 2022902746

(71) Sandercock, J.  
(21) 2022902759 (22) 23.09.2022  
(54) IP rated silicone shroud used on solenoid plugs in underground mining equipment.

(71) Savage, M.  
(21) 2022902769 (22) 24.09.2022  
(54) An EMF blocking skin cream and mist spray

(71) Scolaro, A.  
(21) 2022902751 (22) 22.09.2022  
(54) A Concept for a Power Drive

(71) SE.QR Advancements Pty Ltd  
(21) 2022902758 (22) 23.09.2022  
(54) SYSTEMS AND METHODS FOR ACCESS CONTROL

(71) SMITH, D.  
(21) 2022902737 (22) 21.09.2022  
(54) Pool Surface Cleaner

(71) Space Industries Pty Ltd  
(21) 2022902757 (22) 23.09.2022  
(54) Ore Processing

(71) Sustainable Funerals Australian Inc  
(21) 2022902765 (22) 23.09.2022  
(54) STRUCTURALLY STABLE COFFIN BASE

**Telix International Pty Ltd see The University of Melbourne**  
(21) 2022902725

(71) The Council of the Queensland Institute of Medical Research  
(21) 2022902721 (22) 20.09.2022  
(54) ANTI-FIBROTIC MICRORNA COMPOSITION

(71) The University of Melbourne; Peter MacCallum Cancer Institute; Telix International Pty Ltd; Cyclotek (Aust) Pty Ltd  
(21) 2022902725 (22) 21.09.2022  
(54) Radiolabelled compounds

## Provisional Applications Filed - Name Index cont'd

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(71) The University of Melbourne  
(21) 2022902738 (22) 21.09.2022  
(54) Thermal Multispectral Imaging Systems  
and Methods

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(71) The University of Queensland  
(21) 2022902714 (22) 20.09.2022  
(54) Enzymatic metal processing

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(71) Weir Minerals Australia Ltd  
(21) 2022902763 (22) 23.09.2022  
(54) Froth pump assembly and parts thereof

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(71) XEFCO PTY LTD  
(21) 2022902747 (22) 22.09.2022  
(54) DISCOLOURATION RESISTANT TEX-  
TILE

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| 2022902669 | Contoleon, G.   |
| 2022902691 | Energy & Recycling Technologies   |
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| 2022902706 | Mitra, A.   |
| 2022902714 | The University of Queensland  |
| 2022902715 | Grigorov, V.  |
| 2022902716 | Cost-Bry Pty Ltd (trading as BiomeBank)   |
| 2022902717 | Nordin Engineered Air Technologies Pty Ltd  |
| 2022902718 | Kloer Pty Ltd   |
| 2022902719 | GALE, A.  |
| 2022902720 | Capper & Campbell Pty Ltd; Capper, C.   |
| 2022902721 | The Council of the Queensland Institute of Medical Research   |
| 2022902722 | Beston Technologies Pty Ltd   |
| 2022902723 | Dorfliger, L.   |
| 2022902724 | All G Foods Holdings Pty Limited  |
| 2022902725 | The University of Melbourne; Peter MacCallum Cancer Institute; Telix International Pty Ltd; Cyclotek (Aust) Pty Ltd |
| 2022902726 | Performance Processing Pty Ltd  |
| 2022902727 | Perron Institute for Neurological and Translational Science Limited   |
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| 2022902729 | Howard Wright Limited   |
| 2022902730 | Howard Wright Limited   |
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| 2022902734 | Osho Limited  |
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| 2022902736 | Fiber Sense Limited   |
| 2022902737 | SMITH, D.   |
| 2022902738 | The University of Melbourne   |
| 2022902739 | Monash University   |
| 2022902740 | NewSouth Innovations Pty Limited  |
| 2022902741 | Baraja Pty Ltd  |
| 2022902742 | Monash University   |
| 2022902743 | Crothers, P.  |
| 2022902744 | RFID n Print Pty Ltd  |
| 2022902745 | DIRAD PTY LTD   |
| 2022902746 | Persian Phoenix brothers m\$î zad intelligence systems; Saadi Nezhad, M.  |
| 2022902747 | XEFCO PTY LTD   |
| 2022902748 | Murdoch Children's Research Institute   |
| 2022902749 | Gragyik Pty Ltd   |
| 2022902750 | Aristocrat Technologies Australia Pty Limited   |
| 2022902751 | Scolaro, A.   |
| 2022902752 | DRYWALL PLASTERERS AUSTRALIA PTY LTD  |
| 2022902756 | Rymarczyk, R.   |
| 2022902757 | Space Industries Pty Ltd  |
| 2022902758 | SE.QR Advancements Pty Ltd  |
| 2022902759 | Sandercock, J.  |
| 2022902760 | Enretech Technologies Pty Limited   |
| 2022902761 | BFM TECHNOLOGY LIMITED  |
| 2022902762 | NewSouth Innovations Pty Limited  |
| 2022902763 | Weir Minerals Australia Ltd   |
| 2022902764 | Gamer, S.   |
| 2022902765 | Sustainable Funerals Australian Inc   |
| 2022902766 | IRVINE, R.  |
| 2022902767 | Knorr, A.   |
| 2022902768 | LO AND HO PTY LTD   |
| 2022902769 | Savage, M.  |
| 2022902775 | Langford, K.  |
| 2022902777 | Langford, K.  |

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 20 Sep 2022 .

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

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|---|--|--|
| <hr/> <p>(71) A2E Industries Limited<br/>(21) 2022235511 (22) 19.09.2022<br/>(54) VEHICLE AND METHOD</p> <hr/> <p>(71) Acorn Intellectual Properties Ltd<br/>(21) 2022232546 (22) 19.09.2022<br/>(54) PIPE END CAP<br/>(31) 2213362.3 (32) 13.09.22 (33) GB</p> <hr/> <p>(71) Advanced Bariatric Technology, LLC<br/>(21) 2022231775 (22) 16.09.2022<br/>(54) Polymer overmolded bariatric clamp and method of installing<br/>(62) 2021200778</p> <hr/> <p>(71) AKDAŞ OUTDOOR AV ANONIM ŞİRKETİ<br/>(21) 2022231652 (22) 12.09.2022<br/>(54) BOLT STOP MECHANISM FOR SEMI-AUTOMATIC GUNS<br/>(31) 2022/009816 (32) 13.06.22 (33) TR</p> <hr/> <p>(71) Allergan, Inc.<br/>(21) 2022231778 (22) 16.09.2022<br/>(54) Microneedle array with active ingredient<br/>(62) 2019322890</p> <hr/> <p>(71) Anlylam Pharmaceuticals, Inc.<br/>(21) 2022231749 (22) 15.09.2022<br/>(54) RNAI AGENTS, COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES<br/>(62) 2019240658</p> <hr/> <p>(71) Angel Group Co., Ltd.<br/>(21) 2022231800 (22) 19.09.2022<br/>(54) Recognition system<br/>(62) 2020207871</p> <hr/> <p>(71) Apple Inc.<br/>(21) 2022231779 (22) 16.09.2022<br/>(54) Device control using gaze information<br/>(62) 2021202352</p> <hr/> <p>(71) Aristocrat Technologies, Inc.<br/>(21) 2022231738 (22) 15.09.2022</p> | <p>(54) SYSTEMS AND METHODS FOR DISPLAYING A FREE SPIN COUNT-UP AND SUBSEQUENT COUNT-DOWN<br/>(31) 17/710,295 (32) 31.03.22 (33) US<br/>63/244,369 15.09.21 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc.<br/>(21) 2022231793 (22) 16.09.2022<br/>(54) FREE GAME MULTIPLIER FOR VIDEO KENO GAME<br/>(31) 17/478,770 (32) 17.09.21 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited<br/>(21) 2022231792 (22) 16.09.2022<br/>(54) RECONFIGURABLE CHAIR-BASED ELECTRONIC GAMING MACHINES AND METHODS<br/>(62) 2020203939</p> <hr/> <p>(71) Bank of Hangzhou Consumer Finance Co., Ltd.<br/>(21) 2022235517 (22) 19.09.2022<br/>(54) User aggregation identification method and system based on image background identification<br/>(31) CN202111113035.2 (32) 18.09.21 (33) CN</p> <hr/> <p>(71) Bank of Hangzhou Consumer Finance Co., Ltd.<br/>(21) 2022235519 (22) 19.09.2022<br/>(54) Risk control feature screening method and system based on machine learning model<br/>(31) CN202111081171.8 (32) 15.09.21 (33) CN</p> <hr/> <p>(71) Becton, Dickinson and Company<br/>(21) 2022231745 (22) 15.09.2022<br/>(54) System and method for preparing a pharmaceutical compound<br/>(62) 2021204624</p> <hr/> <p>(71) Beijing Baidu Netcom Science Technology Co., Ltd.<br/>(21) 2022235559 (22) 21.09.2022<br/>(54) Method and apparatus for determining signal sampling quality, electronic device and storage medium<br/>(31) 202210345361.4 (32) 31.03.22 (33) CN</p> <hr/> <p>(71) Best 1 Pet Food Company Pty Ltd<br/>(21) 2022231794 (22) 16.09.2022</p> | <p>(54) DOG FOOD STRIP AND USE IN METHOD OF WEIGHT MANAGEMENT<br/>(62) 2021201541</p> <hr/> <p>(71) Blakktail Pty Ltd<br/>(21) 2022231755 (22) 15.09.2022<br/>(54) Compact holder for a fishing rod<br/>(31) 2021903002 (32) 17.09.21 (33) AU</p> <hr/> <p>(71) Capture Actual Time Aus Pty Ltd<br/>(21) 2022231756 (22) 15.09.2022<br/>(54) Grape load cell realtime measurements</p> <hr/> <p><b>Children's Healthcare Of Atlanta, Inc. see The UAB Research Foundation</b><br/>(21) 2022235516</p> <hr/> <p>(71) Continuous Composites Inc.<br/>(21) 2022231803 (22) 19.09.2022<br/>(54) Composite vehicle body<br/>(62) 2017353865</p> <hr/> <p>(71) CSA Medical, Inc.<br/>(21) 2022231776 (22) 16.09.2022<br/>(54) Method and system for consistent, repeatable, and safe cryospray treatment of airway tissue<br/>(62) 2020201833</p> <hr/> <p>(71) Cytomx Therapeutics, Inc<br/>(21) 2022231735 (22) 15.09.2022<br/>(54) Anti-PD-1 antibodies, activatable anti-PD-1 antibodies, and methods of use thereof<br/>(62) 2016294440</p> <hr/> <p>(71) Daikin Industries, Ltd.<br/>(21) 2022231725 (22) 15.09.2022<br/>(54) Device management system<br/>(62) 2020222538</p> <hr/> <p>(71) Deere &amp; Company<br/>(21) 2022231744 (22) 15.09.2022<br/>(54) Sugarcane harvester extractor with leaf shredder<br/>(31) 17/451,390 (32) 19.10.21 (33) US</p> <hr/> <p>(71) Deere &amp; Company<br/>(21) 2022231802 (22) 19.09.2022<br/>(54) Sugarcane harvester extractor with fixed leaf shredder<br/>(31) 17/451,400 (32) 19.10.21 (33) US</p> |
|---|--|--|



Complete Applications Filed - Name Index cont'd

(71) Dexcom, Inc.  
 (21) 2022231788 (22) 16.09.2022  
 (54) Wearable apparatus for continuous blood glucose monitoring  
 (62) 2020203210

(71) Dolby International AB  
 (21) 2022231727 (22) 15.09.2022  
 (54) Improved Subband Block Based Harmonic Transposition  
 (62) 2022200874

(71) Eden Green Global Technologies Limited  
 (21) 2022231752 (22) 15.09.2022  
 (54) Hydroponics  
 (62) 2020203688

(71) Edwards Lifesciences Corporation  
 (21) 2022231773 (22) 16.09.2022  
 (54) Multi-portion replacement heat valve prosthesis  
 (62) 2017314852

**Emory University see The UAB Research Foundation**  
 (21) 2022235516

(71) Fisher & Paykel Healthcare Limited  
 (21) 2022231772 (22) 16.09.2022  
 (54) RESPIRATORY INTERFACE  
 (62) 2017292403

(71) Forrest, M.  
 (21) 2022235526 (22) 19.09.2022  
 (54) Therapeutic Modulators of the Reverse Mode of ATP Synthase  
 (62) 2018298892

(71) ForTruss, LLC  
 (21) 2022235520 (22) 19.09.2022  
 (54) Surgical positioner  
 (62) 2020274108

(71) Framy Inc.  
 (21) 2022235522 (22) 19.09.2022  
 (54) Method and System for Initiating a Location-Based Topic  
 (31) 110140218 (32) 29.10.21 (33) TW

(71) FUJIFILM Corporation; FUJIFILM Medical Systems USA, Inc.  
 (21) 2022231758 (22) 15.09.2022  
 (54) Medical care assistance device, and operation method and operation program therefor  
 (62) 2018373209

**FUJIFILM Medical Systems USA, Inc. see FUJIFILM Corporation**  
 (21) 2022231758

(71) Genentech, Inc.  
 (21) 2022231722 (22) 15.09.2022  
 (54) Humanized and affinity matured antibodies to FcRH5 and methods of use  
 (62) 2016280102

(71) GE Video Compression, LLC  
 (21) 2022235513 (22) 19.09.2022  
 (54) Entropy coding of motion vector differences  
 (62) 2021209284

(71) Gilead Sciences, Inc.  
 (21) 2022233950 (22) 19.09.2022  
 (54) Processes for preparing ACC inhibitors and solid forms thereof  
 (62) 2021200966

(71) Global Specimen Solutions, Inc.  
 (21) 2022231751 (22) 15.09.2022  
 (54) DISTRIBUTED SYSTEMS FOR SECURE STORAGE AND RETRIEVAL OF ENCRYPTED BIOLOGICAL SPECIMEN DATA  
 (62) 2016355193

(71) Good Measures, LLC  
 (21) 2022231765 (22) 16.09.2022  
 (54) Systems and methods for user-specific modulation of nutrient intake  
 (62) 2020223691

(71) Hubei Yimu Electronic Technology Co., Ltd.  
 (21) 2022231750 (22) 15.09.2022  
 (54) CLEANING ROBOT FOR SWIMMING POOLS  
 (31) 202210564954.X (32) 23.05.22 (33) CN

(71) HUIZHOU CLEAR LIGHTING CO., LTD.; SHENZHEN CLEAR LIGHTING CO., LTD.  
 (21) 2022231777 (22) 16.09.2022  
 (54) AN LED LIGHT STRIP BENDABLE IN ANY DIRECTION  
 (31) 2022210595475 (32) 05.05.22 (33) CN

(71) Illumina, Inc.  
 (21) 2022231786 (22) 16.09.2022  
 (54) Compositions and methods for polynucleotide sequencing  
 (62) 2020202489

(71) Iroabuchi, U.  
 (21) 2022231798 (22) 19.09.2022  
 (54) An independent electronic device/API/software for delivering digital receipts to customer and service provider online

account using their unique QRcode (encrypted userID), NFC tags (encrypted userID) or Phone number while remaining anonymous to merchants/service providers.

(71) Itron, Inc.  
 (21) 2022231736 (22) 15.09.2022  
 (54) Coordinated acoustic leak detection sensor sampling  
 (31) 17/497,493 (32) 08.10.21 (33) US

(71) JINKO SOLAR (HAINING) CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.  
 (21) 2022235523 (22) 19.09.2022  
 (54) PHOTOVOLTAIC MODULE  
 (31) CN (32) 31.05.22 (33) CN  
 202210615452.5  
 CN 16.08.22 CN  
 202210983460.5

(71) KWIK-ZIP PTY LTD  
 (21) 2022235524 (22) 19.09.2022  
 (54) A Spacer Segment and A Spacer  
 (62) PCT/AU2021/050140

(71) LivePerson, Inc.  
 (21) 2022231728 (22) 15.09.2022  
 (54) Automatic bot creation based on scripts  
 (62) 2019380324

(71) MAKO Surgical Corp.  
 (21) 2022231780 (22) 16.09.2022  
 (54) Systems and methods for identifying and tracking physical objects during a robotic surgical procedure  
 (62) 2017269937

(71) MannKind Corporation  
 (21) 2022235510 (22) 19.09.2022  
 (54) MICROCRYSTALLINE DIKETOPIPERAZINE COMPOSITIONS AND METHODS  
 (62) 2021203201

(71) Meso Scale Technologies, LLC  
 (21) 2022233771 (22) 19.09.2022  
 (54) IMPROVED METHODS FOR CONDUCTING MULTIPLEXED ASSAYS  
 (62) 2020200675

(71) Metrol Technology Limited  
 (21) 2022231743 (22) 15.09.2022  
 (54) Apparatus for sensing temperature along a wellbore using semiconductor elements  
 (62) 2017268921

(71) MHMW Group Pty Ltd  
 (21) 2022231781 (22) 16.09.2022  
 (54) A Device

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(71) Micor Limited  
(21) 2022231785 (22) 16.09.2022  
(54) Heart valve prosthesis  
(62) 2020286209

(71) Millennium Pharmaceuticals, Inc.  
(21) 2022231726 (22) 15.09.2022  
(54) Formulation for anti-a4ß7 antibody  
(62) 2020250249

(71) MORGANIC PROJECTS PTY LTD  
(21) 2022231796 (22) 18.09.2022  
(54) M-Hydro Pump

(71) MORGANIC PROJECTS PTY LTD  
(21) 2022231797 (22) 18.09.2022  
(54) M-Hydroelectric Generator

(71) Multigate Medical Products Pty Ltd  
(21) 2022231753 (22) 15.09.2022  
(54) An Apparatus Adapted for Use with A  
Carrier And Methods for Producing and  
Utilising Thereof  
(62) 2017200077

(71) NANOBIOASYM, INC.  
(21) 2022231733 (22) 15.09.2022  
(54) SYSTEMS AND METHODS FOR MO-  
BILE DEVICE ANALYSIS OF NUCLEIC  
ACIDS AND PROTEINS  
(62) 2020204030

Novartis AG see The Trustees of the Uni-  
versity of Pennsylvania  
(21) 2022231783

Outotec (Finland) Oy see Swiss Tower Mill  
Minerals AG  
(21) 2022231789

(71) Paccar Inc.  
(21) 2022231782 (22) 16.09.2022  
(54) SYSTEM AND METHOD FOR MONIT-  
ORING AN OXIDATION CATALYST  
(31) 17/504,595 (32) 19.10.21 (33) US

(71) PointsBet Pty Ltd  
(21) 2022231748 (22) 15.09.2022  
(54) DATA FEED MANAGEMENT ARCHI-  
TECTURE  
(31) 17/531,290 (32) 19.11.21 (33) US

(71) Pride Mobility Products Corporation  
(21) 2022231787 (22) 16.09.2022  
(54) Mobility vehicle  
(62) 2018431022

(71) Rearden LLC  
(21) 2022231767 (22) 16.09.2022

(54) SYSTEMS AND METHODS FOR EX-  
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ING GAIN IN WIRELESS CELLULAR  
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LOGY  
(62) 2021200172

(71) RGene, Inc.  
(21) 2022231746 (22) 15.09.2022  
(54) Multiple ligase compositions, systems,  
and methods  
(62) 2017218431

(71) RLF AgTech Ltd  
(21) 2022231759 (22) 15.09.2022  
(54) A method for improving plant growth  
and yield

(71) Road Widener LLC  
(21) 2022235514 (22) 19.09.2022  
(54) Articulating rolling compactor attach-  
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(62) 2021200440

Robertson, S. see Robertson, B.  
(21) 2022231740

(71) Robertson, B.; Robertson, S.  
(21) 2022231740 (22) 15.09.2022  
(54) A GARMENT AND A COMPOSITE  
FABRIC FOR USE IN HAZARDOUS  
ENVIRONMENTS  
(31) 2114797.0 (32) 15.10.21 (33) GB  
PCT/ 25.08.22 GB  
GB2022/052185

(71) Samsung Electronics Co., Ltd.  
(21) 2022231791 (22) 16.09.2022  
(54) Method and apparatus for multistream  
transmission  
(62) 2017367666

(71) Schlumberger Technology B.V.  
(21) 2022231747 (22) 15.09.2022  
(54) Crosslinking of cellulose fibers  
(62) 2017342365

(71) Schneider Electric (Australia) Pty Lim-  
ited  
(21) 2022235521 (22) 19.09.2022  
(54) MOISTURE RESISTANCE FOR ELEC-  
TRICAL PLATE SYSTEM  
(62) 2017236031

(71) Sciacca Family Developments Pty Ltd  
(21) 2022231795 (22) 17.09.2022  
(54) Insitu HDPE Cast -in Lighting Block to  
save drilling concrete

(71) Sears, M.  
(21) 2022231766 (22) 16.09.2022  
(54) A LOWER LEG STRENGTHENING  
DEVICE AND METHOD OF USE  
THEREOF  
(31) 2021903028 (32) 21.09.21 (33) AU

(71) Selecta Biosciences, Inc.  
(21) 2022231724 (22) 15.09.2022  
(54) DOSING COMBINATIONS FOR RE-  
DUCING UNDESIRE HUMORAL IM-  
MUNE RESPONSES  
(62) 2020203312

SHENZHEN CLEAR LIGHTING CO., LTD.  
see HUIZHOU CLEAR LIGHTING CO., LTD.  
(21) 2022231777

(71) Silixa Ltd.  
(21) 2022231723 (22) 15.09.2022  
(54) Method and system for downhole object  
location and orientation determination  
(62) 2020204228

(71) Spookfish Innovations Pty Ltd  
(21) 2022231762 (22) 15.09.2022  
(54) A BUNDLE ADJUSTMENT SYSTEM  
(62) 2017344762

(71) Stockholm Precision Tools S.L  
(21) 2022235515 (22) 19.09.2022  
(54) Device And System For Orienting Core  
Samples  
(31) U202131925 (32) 29.09.21 (33) ES

(71) Swiss Tower Mill Minerals AG; Outotec  
(Finland) Oy  
(21) 2022231789 (22) 16.09.2022  
(54) Improvements in grinding mills  
(62) 2020202172

(71) Techtronic Cordless GP  
(21) 2022231760 (22) 15.09.2022  
(54) Battery pack  
(31) 17/478,623 (32) 17.09.21 (33) US

(71) Techtronic Cordless GP  
(21) 2022231764 (22) 16.09.2022  
(54) Trimmer guard and trimmer  
(31) 17/487,777 (32) 28.09.21 (33) US

(71) The General Hospital Corporation  
(21) 2022231734 (22) 15.09.2022  
(54) Digital analysis of circulating tumor cells  
in blood samples  
(62) 2016238253

(71) The Trustees of the University of  
Pennsylvania; Novartis AG  
(21) 2022231783 (22) 16.09.2022

Complete Applications Filed - Name Index cont'd

(54) Methods for improving the efficacy and expansion of chimeric antigen receptor-expressing cells  
(62) 2016249005

(71) The UAB Research Foundation; Emory University; Children's Healthcare Of Atlanta, Inc.  
(21) 2022235516 (22) 19.09.2022  
(54) GENETICALLY-ENGINEERED DRUG RESISTANT T CELLS AND METHODS OF USING THE SAME  
(62) 2016318163

The University of Melbourne see Zoetis Services LLC  
(21) 2022231761

Tobul, E.N. see Tobul, E.E.  
(21) 2022231754

(71) Tobul, E.E.; Tobul, E.N.  
(21) 2022231754 (22) 15.09.2022  
(54) Event interface for multiple events including at least one random event  
(31) 63/245,867 (32) 19.09.21 (33) US

(71) Transportation IP Holdings, LLC  
(21) 2022231769 (22) 16.09.2022  
(54) ENGINE MIXING STRUCTURES  
(62) 2021201025

(71) Transportation IP Holdings, LLC  
(21) 2022231770 (22) 16.09.2022  
(54) SYSTEM AND METHOD FOR VEHICLE-BASED LOCALIZING OF OFFBOARD FEATURES  
(31) 17/494,492 (32) 05.10.21 (33) US

(71) Transportation IP Holdings, LLC  
(21) 2022231799 (22) 19.09.2022  
(54) SYSTEM AND METHOD FOR IDENTIFYING CANDIDATE VEHICLE SYSTEMS  
(31) 17/506,880 (32) 21.10.21 (33) US

(71) Twist Bioscience Corporation  
(21) 2022231730 (22) 15.09.2022  
(54) Variant libraries of the immunological synapse and synthesis thereof  
(62) 2017378492

(71) Tyto Care Ltd.  
(21) 2022231729 (22) 15.09.2022  
(54) A user interface for navigating through physiological data  
(62) 2017263802

(71) USA Industries, LLC  
(21) 2022231741 (22) 15.09.2022

(54) Gripping apparatus and devices for plugging of pipes, orifices or connecting  
(62) 2018392008

(71) USA Industries, LLC  
(21) 2022231742 (22) 15.09.2022  
(54) Gripping apparatus and devices for plugging of pipes, orifices or connecting  
(62) 2018392008

(71) View, Inc.  
(21) 2022231771 (22) 16.09.2022  
(54) Controlling optically-switchable devices  
(62) 2017257789

(71) W. L. Gore & Associates, Inc.  
(21) 2022231774 (22) 16.09.2022  
(54) Balloon catheters, systems and methods  
(62) 2019261353

(71) WiseTech Global Limited  
(21) 2022235518 (22) 19.09.2022  
(54) Methods and systems for creating configurable forms, configuring forms and for form flow and form correlation  
(62) 2016302392

(71) Wisteria Co., Ltd.  
(21) 2022235509 (22) 19.09.2022  
(54) Method for manufacturing butter-like food derived from vegetable milk and butter-like food derived from vegetable milk  
(62) 2019421939

(71) Wonderland Switzerland AG  
(21) 2022231784 (22) 16.09.2022  
(54) Magnetic buckle assembly  
(62) 2020203755

(71) Y Soft Scanning Solutions S.R.O.  
(21) 2022235512 (22) 19.09.2022  
(54) SYSTEM FOR DISTRIBUTING IMAGE SCANNING TASKS TO NETWORKED DEVICES  
(62) 2017376897

(71) zanganeh, j.  
(21) 2022235525 (22) 19.09.2022  
(54) Smart multi-meter

ZHEJIANG JINKO SOLAR CO., LTD. see JINKO SOLAR (HAINING) CO., LTD.  
(21) 2022235523

(71) Zoetis Services LLC; The University of Melbourne  
(21) 2022231761 (22) 15.09.2022  
(54) Mycoplasma bovis compositions  
(62) 2016307935

Numerical Index

|            |  |            |  |
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| 2022231652 | AKDAŞ OUTDOOR AV ANONIM ŞİRKETİ  | 2022231794 | Best 1 Pet Food Company Pty Ltd  |
| 2022231722 | Genentech, Inc.  | 2022231795 | Sciacca Family Developments Pty Ltd  |
| 2022231723 | Silixa Ltd.  | 2022231796 | MORGANIC PROJECTS PTY LTD  |
| 2022231724 | Selecta Biosciences, Inc.  | 2022231797 | MORGANIC PROJECTS PTY LTD  |
| 2022231725 | Daikin Industries, Ltd.  | 2022231798 | Iroabuchi, U.  |
| 2022231726 | Millennium Pharmaceuticals, Inc.                                       | 2022231799 | Transportation IP Holdings, LLC  |
| 2022231727 | Dolby International AB   | 2022231800 | Angel Group Co., Ltd.  |
| 2022231728 | LivePerson, Inc.   | 2022231802 | Deere & Company  |
| 2022231729 | Tyto Care Ltd.   | 2022231803 | Continuous Composites Inc.   |
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| 2022231733 | NANOBIOSYM, INC.   | 2022233771 | Meso Scale Technologies, LLC   |
| 2022231734 | The General Hospital Corporation                                       | 2022233950 | Gilead Sciences, Inc.  |
| 2022231735 | Cytomx Therapeutics, Inc   | 2022235509 | Wisteria Co., Ltd.   |
| 2022231736 | Itron, Inc.  | 2022235510 | MannKind Corporation   |
| 2022231738 | Aristocrat Technologies, Inc.  | 2022235511 | A2E Industries Limited   |
| 2022231740 | Robertson, B.; Robertson, S.   | 2022235512 | Y Soft Scanning Solutions S.R.O.   |
| 2022231741 | USA Industries, LLC  | 2022235513 | GE Video Compression, LLC  |
| 2022231742 | USA Industries, LLC  | 2022235514 | Road Widener LLC   |
| 2022231743 | Metrol Technology Limited  | 2022235515 | Stockholm Precision Tools S.L  |
| 2022231744 | Deere & Company  | 2022235516 | The UAB Research Foundation; Emory University;<br>Children's Healthcare Of Atlanta, Inc. |
| 2022231745 | Becton, Dickinson and Company  | 2022235517 | Bank of Hangzhou Consumer Finance Co., Ltd.  |
| 2022231746 | RGene, Inc.  | 2022235518 | WiseTech Global Limited  |
| 2022231747 | Schlumberger Technology B.V.   | 2022235519 | Bank of Hangzhou Consumer Finance Co., Ltd.  |
| 2022231748 | PointsBet Pty Ltd  | 2022235520 | ForTruss, LLC  |
| 2022231749 | Alnylam Pharmaceuticals, Inc.  | 2022235521 | Schneider Electric (Australia) Pty Limited   |
| 2022231750 | Hubei Yimu Electronic Technology Co., Ltd.                             | 2022235522 | Framy Inc.   |
| 2022231751 | Global Specimen Solutions, Inc.  | 2022235523 | JINKO SOLAR (HAINING) CO., LTD.; ZHEJIANG<br>JINKO SOLAR CO., LTD.                       |
| 2022231752 | Eden Green Global Technologies Limited                                 | 2022235524 | KWIK-ZIP PTY LTD   |
| 2022231753 | Multigate Medical Products Pty Ltd                                     | 2022235525 | zanganeh, j.   |
| 2022231754 | Tobul, E.E.; Tobul, E.N.   | 2022235526 | Forrest, M.  |
| 2022231755 | Blakktail Pty Ltd  | 2022235559 | Beijing Baidu Netcom Science Technology Co., Ltd.  |
| 2022231756 | Capture Actual Time Aus Pty Ltd  |            |  |
| 2022231758 | FUJIFILM Corporation; FUJIFILM Medical Systems<br>USA, Inc.            |            |  |
| 2022231759 | RLF AgTech Ltd   |            |  |
| 2022231760 | Techtronic Cordless GP   |            |  |
| 2022231761 | Zoetis Services LLC; The University of Melbourne                       |            |  |
| 2022231762 | Spookfish Innovations Pty Ltd  |            |  |
| 2022231764 | Techtronic Cordless GP   |            |  |
| 2022231765 | Good Measures, LLC   |            |  |
| 2022231766 | Sears, M.  |            |  |
| 2022231767 | Rearden LLC  |            |  |
| 2022231769 | Transportation IP Holdings, LLC  |            |  |
| 2022231770 | Transportation IP Holdings, LLC  |            |  |
| 2022231771 | View, Inc.   |            |  |
| 2022231772 | Fisher & Paykel Healthcare Limited                                     |            |  |
| 2022231773 | Edwards Lifesciences Corporation                                       |            |  |
| 2022231774 | W. L. Gore & Associates, Inc.  |            |  |
| 2022231775 | Advanced Bariatric Technology, LLC                                     |            |  |
| 2022231776 | CSA Medical, Inc.  |            |  |
| 2022231777 | HUIZHOU CLEAR LIGHTING CO., LTD.; SHENZHEN<br>CLEAR LIGHTING CO., LTD. |            |  |
| 2022231778 | Allergan, Inc.   |            |  |
| 2022231779 | Apple Inc.   |            |  |
| 2022231780 | MAKO Surgical Corp.  |            |  |
| 2022231781 | MHMW Group Pty Ltd   |            |  |
| 2022231782 | Paccar Inc.  |            |  |
| 2022231783 | The Trustees of the University of Pennsylvania; No-<br>vartis AG       |            |  |
| 2022231784 | Wonderland Switzerland AG  |            |  |
| 2022231785 | Micor Limited  |            |  |
| 2022231786 | Illumina, Inc.   |            |  |
| 2022231787 | Pride Mobility Products Corporation                                    |            |  |
| 2022231788 | Dexcom, Inc.   |            |  |
| 2022231789 | Swiss Tower Mill Minerals AG; Outotec (Finland) Oy                     |            |  |
| 2022231791 | Samsung Electronics Co., Ltd.  |            |  |
| 2022231792 | Aristocrat Technologies Australia Pty Limited                          |            |  |
| 2022231793 | Aristocrat Technologies, Inc.  |            |  |

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

Applications listed below were processed through the Patent Office Canberra during the period ending 20 Sep 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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**(71)** LIU & WU INVESTMENTS PTY LTD  
**(21)** 2022100134      **(22)** 23.09.2022  
**(54)** A system and method for a user to control operation of a vehicle  
**(62)** 2021104854

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**(71)** Orica International Pte Ltd  
**(21)** 2022100135      **(22)** 26.09.2022  
**(54)** A wireless initiation device  
**(62)** 2021254605

**Numerical Index**

**2022100134** LIU & WU INVESTMENTS PTY LTD

**2022100135** Orica International Pte Ltd

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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

**2002**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2002301015 ( 14 ) | 2002301044 ( 14 ) | 2002301046 ( 14 ) |
| 2002301057 ( 14 ) | 2002301077 ( 14 ) | 2002301094 ( 14 ) |
| 2002321784 ( 14 ) | 2002325000 ( 14 ) | 2002325088 ( 14 ) |
| 2002325089 ( 14 ) | 2002326898 ( 14 ) | 2002326920 ( 14 ) |
| 2002326960 ( 14 ) | 2002328214 ( 14 ) | 2002328435 ( 14 ) |
| 2002328705 ( 14 ) | 2002329101 ( 14 ) | 2002329578 ( 14 ) |
| 2002331124 ( 14 ) | 2002331952 ( 14 ) | 2002333671 ( 14 ) |
| 2002334470 ( 14 ) | 2002334550 ( 14 ) | 2002334590 ( 14 ) |
| 2002335757 ( 14 ) | 2002335771 ( 14 ) | 2002337111 ( 14 ) |
| 2002338703 ( 14 ) | 2002339224 ( 14 ) | 2002347236 ( 14 ) |
| 2002362383 ( 14 ) | 2002365253 ( 14 ) |                   |

**2003**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2003201277 ( 14 ) | 2003212745 ( 14 ) | 2003213434 ( 14 ) |
| 2003213775 ( 14 ) | 2003213781 ( 14 ) | 2003218748 ( 14 ) |
| 2003218752 ( 14 ) | 2003220255 ( 14 ) | 2003222279 ( 14 ) |
| 2003233396 ( 14 ) | 2003252830 ( 14 ) |                   |

**2004**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2004200995 ( 14 ) | 2004201013 ( 14 ) | 2004202640 ( 14 ) |
| 2004202642 ( 14 ) | 2004218777 ( 14 ) | 2004218930 ( 14 ) |
| 2004220213 ( 14 ) | 2004220342 ( 14 ) | 2004220468 ( 14 ) |
| 2004225666 ( 14 ) |                   |                   |

**2005**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2005201064 ( 14 ) | 2005201065 ( 14 ) | 2005201067 ( 14 ) |
| 2005220244 ( 14 ) | 2005220912 ( 14 ) | 2005220957 ( 14 ) |
| 2005221187 ( 14 ) | 2005221705 ( 14 ) | 2005226630 ( 14 ) |
| 2005227642 ( 14 ) | 2005230244 ( 14 ) | 2005234857 ( 14 ) |
| 2005328680 ( 14 ) |                   |                   |

**2006**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2006220538 ( 14 ) | 2006220554 ( 14 ) | 2006220684 ( 14 ) |
| 2006222461 ( 14 ) | 2006222506 ( 14 ) | 2006222536 ( 14 ) |
| 2006222556 ( 14 ) | 2006223409 ( 14 ) | 2006223410 ( 14 ) |
| 2006248166 ( 14 ) | 2006339693 ( 14 ) |                   |

**2007**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2007201007 ( 14 ) | 2007201043 ( 14 ) | 2007201045 ( 14 ) |
| 2007201515 ( 14 ) | 2007202084 ( 14 ) | 2007222896 ( 14 ) |
| 2007223896 ( 14 ) | 2007224484 ( 14 ) | 2007224940 ( 14 ) |
| 2007226631 ( 14 ) | 2007226696 ( 14 ) | 2007227104 ( 14 ) |
| 2007227692 ( 14 ) | 2007228412 ( 14 ) | 2007231179 ( 14 ) |
| 2007231767 ( 14 ) | 2007237290 ( 14 ) | 2007249081 ( 14 ) |

**2008**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2008200196 ( 14 ) | 2008201109 ( 14 ) | 2008201151 ( 14 ) |
| 2008202960 ( 14 ) | 2008202961 ( 14 ) | 2008223333 ( 14 ) |
| 2008224754 ( 14 ) | 2008224760 ( 14 ) | 2008225255 ( 14 ) |
| 2008225731 ( 14 ) | 2008226901 ( 14 ) | 2008258178 ( 14 ) |

**2009**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2009200115 ( 14 ) | 2009200921 ( 14 ) | 2009200932 ( 14 ) |
| 2009203085 ( 14 ) | 2009223124 ( 14 ) | 2009223234 ( 14 ) |
| 2009223247 ( 14 ) | 2009223795 ( 14 ) | 2009224053 ( 14 ) |
| 2009224235 ( 14 ) | 2009224681 ( 14 ) | 2009224731 ( 14 ) |
| 2009224955 ( 14 ) | 2009238481 ( 14 ) | 2009258040 ( 14 ) |

**2010**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2010200951 ( 14 ) | 2010222106 ( 14 ) | 2010222334 ( 14 ) |
| 2010222559 ( 14 ) | 2010223467 ( 14 ) | 2010223937 ( 14 ) |
| 2010224099 ( 14 ) | 2010224172 ( 14 ) | 2010224243 ( 14 ) |
| 2010229107 ( 14 ) | 2010257416 ( 14 ) |                   |

**2011**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2011201074 ( 14 ) | 2011201094 ( 14 ) | 2011201095 ( 14 ) |
| 2011201096 ( 14 ) | 2011204914 ( 14 ) | 2011224242 ( 14 ) |
| 2011224331 ( 14 ) | 2011224353 ( 14 ) | 2011224417 ( 14 ) |
| 2011224506 ( 14 ) | 2011224570 ( 14 ) | 2011224605 ( 14 ) |
| 2011225884 ( 14 ) | 2011226138 ( 14 ) | 2011231178 ( 14 ) |
| 2011241039 ( 14 ) | 2011253771 ( 14 ) | 2011310191 ( 14 ) |

**2012**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2012201440 ( 14 ) | 2012201495 ( 14 ) | 2012202729 ( 14 ) |
| 2012202889 ( 14 ) | 2012224551 ( 14 ) | 2012225367 ( 14 ) |
| 2012226915 ( 14 ) | 2012227446 ( 14 ) | 2012229279 ( 14 ) |
| 2012229300 ( 14 ) | 2012230499 ( 14 ) | 2012230503 ( 14 ) |
| 2012232759 ( 14 ) | 2012235504 ( 14 ) | 2012239075 ( 14 ) |
| 2012247054 ( 14 ) |                   |                   |

**2013**

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|-------------------|-------------------|-------------------|
| 2013200226 ( 14 ) | 2013201474 ( 14 ) | 2013216628 ( 14 ) |
| 2013219200 ( 14 ) | 2013228144 ( 14 ) | 2013228275 ( 14 ) |
| 2013229229 ( 14 ) | 2013230688 ( 14 ) | 2013230781 ( 14 ) |
| 2013231487 ( 14 ) | 2013234014 ( 14 ) | 2013234036 ( 14 ) |
| 2013235691 ( 14 ) | 2013244044 ( 14 ) | 2013266932 ( 14 ) |
| 2013272283 ( 14 ) | 2013283820 ( 14 ) | 2013288065 ( 14 ) |
| 2013375294 ( 14 ) |                   |                   |

**2014**

|                   |                   |                   |
|-------------------|-------------------|-------------------|
| 2014101149 ( 22 ) | 2014101152 ( 22 ) | 2014101156 ( 22 ) |
| 2014101157 ( 22 ) | 2014101159 ( 22 ) | 2014101161 ( 22 ) |





**Assignments before Grant, Section 113**

2017332832 **Neem Biotech Ltd** The application has been assigned to **ONYA THERAPEUTICS LIMITED**

**2018**

2018222092 **Shanghai Bluecross Medical Science Institute** The application has been assigned to **Suzhou Qi Biodesign biotechnology Company Limited**

2018256525 **ELEINVEST (QLD) PTY LTD; CAPRICORN GLOBAL GROUP PTY LTD; DAZCORP PTY LTD** The application has been assigned to **Safetech IP Pty Ltd**

2018263195 **Shanghai Bluecross Medical Science Institute** The application has been assigned to **Suzhou Qi Biodesign biotechnology Company Limited**

2018292508 **Profounda, Inc.** The application has been assigned to **Profounda Health and Beauty Inc.**

2018317495 **NewSouth Innovations Pty Limited** The application has been assigned to **Contactile Pty Ltd**

2018349284 **Teva Pharmaceutical Industries Ltd.** The application has been assigned to **428 Pharma BV.**

2018386091 **Robinson, Clifford; Washington University; Hugo, Geofrey; Cuculich, Phillip** The application has been assigned to **Washington University**

2018405785 **HBV Production BV** The application has been assigned to **Key Technology B.V.**

**2019**

2019268959 **DiNonA** The application has been assigned to **Kumho HT, Inc.**

2019334693 **Orion Corporation** The application has been assigned to **Aurigene Discovery Technologies Limited**

2019345325 **Teralytic Inc.** The application has been assigned to **Teralytic Holdings Inc.**

2019384039 **Yan, Yushan; Zhao, Yun; Setzler, Brian; Gottesfeld, Shimshon; Carbonell, Mario Santiago Rojas** The application has been assigned to **University of Delaware**

2019419832 **DiNonA** The application has been assigned to **Kumho HT, Inc.**

2019440455 **Neumüller, Waldemar** The application has been assigned to **Euro-Protein GmbH**

**2020**

2020225444 **J & E Hall Limited** The application has been assigned to **Daikin Industries, Ltd.**

2020350136 **Agrofrost NV** The application has been assigned to **TWC Systems BV**

**Assignments before Grant, Section 113**

2020353387 **Grenof Pty Ltd** The application has been assigned to **Aquadex Pty Ltd**

**2021**

2021204114 **Fusion Holdings Limited** The application has been assigned to **Games Global Operations Limited**

2021903572 **Enzo4d Pty Ltd** The application has been assigned to **Tektonic4d Pty Ltd**

**2022**

2022900483 **Grenof Pty Ltd** The application has been assigned to **Aquadex Pty Ltd**

2022901000 **Global3D Pty Ltd** The application has been assigned to **ORTHOTICS MADE EASY PTY LTD**

**Extensions of Time, Section 223**

**Applications Received**

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

**2006**

2006332463 **Iron Will Innovations Canada Inc.** An application to extend the time from 05 Dec 2021 to 05 Oct 2022 in which to pay a renewal fee has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

**2018**

2018100173 **Newman, B.** An application to extend the time from 07 Feb 2022 to 07 Sep 2022 in which to pay a renewal fee has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

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

**2004**

2004266181 **Sorterra Pty Ltd** The time in which to pay a renewal fee has been extended to 25 Mar 2022 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

**2010**

2010203029 **BBQ Spit Rotisseries Pty Ltd** The time in which to pay a renewal fee has been extended to 16 Jun 2022 . Address for service - The Trustee for BSR1 Trust 2/59 Brunel Rd Seaford VIC 3198 AU

2010283544 **Medasani, M.** The time in which to pay a renewal fee has been extended to 11 Mar 2022 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

**2015**

2015255327 **Zhao, S.** The time in which to pay a renewal fee has been extended to 15 Jun 2022 . Address for service - John Christiansen 5/22-24 Charnwood Road St Kilda VIC 3182 AU

**Extensions of Time, Section 223**

**2016**

2016247220 **Tata Consultancy Services Limited** The time in which to pay a renewal fee has been extended to 21 Feb 2022 . Address for service - IP SOLVED (ANZ) PTY. LTD. PO BOX R1791 ROYAL EXCHANGE NSW 1225 AU

**2017**

2017254893 **Schneider Electric Software, LLC** The time in which to pay a continuation fee has been extended to 01 Jul 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017271550 **Purdue Research Foundation; Endocyte, Inc.** The time in which to pay a continuation fee has been extended to 25 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017283482 **MAM Holdings of West Florida, L.L.C.** The time in which to pay a renewal fee has been extended to 13 Jan 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017304275 **Sri Lanka Institute of Nanotechnology (Pvt) Ltd.** The time in which to pay a renewal fee has been extended to 26 Feb 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017322741 **Vermeer Manufacturing Company** The time in which to pay a renewal fee has been extended to 12 May 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017325112 **Polygrid Pty Ltd** The time in which to pay a continuation fee has been extended to 08 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2018**

2018337476 **LG Electronics Inc.** The time in which to gain acceptance has been extended to 19 Oct 2022 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

**2020**

2020229800 **ELI LILLY AND COMPANY** The time in which to enter the National Phase has been extended to 27 Jun 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020384208 **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** The time in which to enter the National Phase has been extended to 07 Aug 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2021**

2021211019 **KE, Minxing** The time in which to enter the National Phase has been extended to 22 Sep 2022 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

**Amendments**

**Applications for Amendment**

**Amendments**

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.

**2008**

2008240259 Tetrahydrobiopterin compositions and methods of measuring **BioMarin Pharmaceutical Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2019 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

**2014**

2014225352 3-dimensional large capacity cell encapsulation device assembly **ViaCyte, Inc.** The nature of the amendment is: Add co-inventor Zamarripa, Mario . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

**2015**

2015317741 MK2 inhibitors and uses thereof **Celgene Car LLC** The nature of the amendment is: Amend the name of the inventors to add Miao, Guobin . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016237099 Method for producing novel nitrogen-containing compound or salt thereof, and production intermediate of same **FUJI-FILM Corporation** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016282790 VMAT2 inhibitors for treating neurological diseases or disorders **Neurocrine Biosciences, Inc.** The nature of the amendment is: Amend the name of the inventor to add Grigoriadis, Dimitri E. . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2016427128 Method for preparing rebaudioside J using enzymatic method **PepsiCo, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2022 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

**2017**

2017202671 3-DIMENSIONAL LARGE CAPACITY CELL ENCAPSULATION DEVICE ASSEMBLY **ViaCyte, Inc.** The nature of the amendment is: Add co-inventor Zamarripa, Mario . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2017230836 Measured dosing and spray bottle for multi-use applications and associated method of using **Ecolab USA Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017314831 Cognitive platform coupled with a physiological component **Akili Interactive Labs, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2022 . Address for service -

**Amendments**

Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2019**

2019252496 Compositions for preventing or treating dry eye **Chong Kun Dang Pharmaceutical Corp.** The nature of the amendment is as shown in the statement(s) filed 13 Sep 2022. Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019253889 3-DIMENSIONAL LARGE CAPACITY CELL ENCAPSULATION DEVICE ASSEMBLY **ViaCyte, Inc.** The nature of the amendment is: Amend the name of the inventor to read Green, Chad; So, Vincent; Martinson, Laura; Scott, Michael and Zamarripa, Mario. Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2019255516 Status sensing system for injection device **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2022. Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2020**

2020201512 Method of Processing an Intact Animal Carcass **L & M MEATS IP HOLDINGS INC.** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2022. Address for service - Walker IP PO Box 637 South Melbourne VIC 3205 AU

**2022**

2022201223 DEVICES AND THE USE THEREOF IN METHODS FOR ABLATION THERAPY **Nanospectra Biosciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Sep 2022. Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**Amendments Made**

**2008**

2008310846 **Novartis AG** The nature of the amendment is as shown in the statement filed 23 Mar 2022

**2014**

2014277831 **Shionogi & Co. Ltd.; Viiv Healthcare Company** The nature of the amendment is as shown in the statements filed 18 Mar 2022 and 02 June 2022

**2016**

2016351308 **University Health Network; Notogen, Inc.** The nature of the amendment is: Amend the name of the inventor to read Erwin, William Mark and Eek, Bjorn C. J.

2016371779 **The University of North Carolina at Chapel Hill** The nature of the amendment is as shown in the statement filed 24 May 2022

2016381570 **DexCom, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bhavaraju, Naresh C.; Cohen, Eric; Garcia, Arturo; Koehler, Katherine Yerre; Mensinger, Michael Robert; Reihman, Eli; Smith, Brian Christopher; Hedlund, Peter and Cabrera Jr., Esteban

**Amendments**

2016381833 **Berkeley Lights, Inc.** The nature of the amendment is as shown in the statement filed 28 Jun 2022

**2017**

2017236031 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2017101932

2017359944 **H. Lundbeck A/S** The nature of the amendment is: Amend the name of the inventor to read Kallunki, Pekka; Kristjansen, Paul E.G. and Stavenhagen, Jeffrey B

2017363511 **Ilumina, Inc.** The nature of the amendment is as shown in the statement filed 30 Jun 2022

**2018**

2018217404 **université Paris Cité; Assistance Publique - Hopitaux de Paris; Fondation Imagine - Institut des Maladies Génétiques; Institut National de la Santé et de la Recherche Médicale (INSERM)** The nature of the amendment is: Amend the name of the inventor to read Andre, Isabelle; Cavazzana, Marina; Ma, Kuiying; Tchen, John; Soheilii, Tayebbeh-Shabi and Devi Moirangthem, Ranjita

2018270241 **Thomson Reuters Enterprise Centre GmbH** The nature of the amendment is as shown in the statement filed 22 Jun 2022

2018426926 **indurad GmbH** The nature of the amendment is as shown in the statements filed 24 Jun 2022 and 28 Jun 2022

2018437601 **Mitsubishi Electric Corporation** The nature of the amendment is as shown in the statement filed 31 May 2022

**2019**

2019226562 **Tepha, Inc.** The nature of the amendment is as shown in the statement filed 15 Jun 2022

2019249890 **Inserm (Institut national de la santé et de la recherche médicale); Université D'evry Val D'essonne; Sorbonne Université; Association Institut De Myologie; Genethon** The nature of the amendment is: Amend the name of the inventor to read RICHARD, Isabelle; GICQUEL, Evelyne; MINGOZZI, Federico; RONZITTI, Giuseppe and VIDAL, Patrice

2019250267 **University Health Network; Notogen, Inc.** The nature of the amendment is: Amend the name of the inventor to read ERWIN, William Mark and EEK, Bjorn C. J.

2019321895 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 28 Jun 2022

2019348603 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DATA PROCESSING METHOD AND DATA PROCESSING DEVICE

**2020**

2020201619 **University of Washington** The nature of the amendment is as shown in the statement filed 17 Jun 2022

2020203210 **Dexcom, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bhavaraju, Naresh C.; Cohen, Eric;

**Amendments**

Garcia, Arturo; Koehler, Katherine Yerre; Mensinger, Michael Robert; Reihman, Eli; Smith, Brian Christopher; Hedlund, Peter and Cabrera Jr., Esteban

2020303885 **Lineage Logistics, LLC** The nature of the amendment is as shown in the statement filed 21 Jun 2022

2020346810 **Cabbacis LLC** The nature of the amendment is as shown in the statement filed 08 Jun 2022

2020347482 **Welldata (Subsurface Surveillance Systems) Ltd.** The nature of the amendment is as shown in the statement filed 05 Sep 2022

2020410970 **baseclick GmbH** The nature of the amendment is: Amend the name of the inventor to read FRISCHMUTH, Thomas; SER-DJUKOW, Sascha; FERTE, Jessica and GRAF, Birgit

2020416358 **Xiamen University; Xiamen Innodx Biotech Co., Ltd** The nature of the amendment is: Amend the invention title to read POLYPEPTIDE ENCODED BY EB VIRUS BNLF2B GENE AND USE THEREOF IN DETECTION

2020417285 **Utopus Insights, Inc.** The nature of the amendment is: Amend the name of the inventor to read VISWESWARIAH, Chandramouli; TOGHILL, Lars; IGBA, Joel; DESAI, Neil; KIM, Younghun and WANG, Yajuan

**2021**

2021212055 **Johnson & Johnson Consumer Inc.** The nature of the amendment is: Amend the invention title to read ANTIMICROBIAL COMPOSITIONS CONTAINING POLYQUATERNIUM

2021214517 **Virocure, Inc.** The nature of the amendment is: Amend the name of the inventor to read LEE, Yeon Sook; YOO, Haeng Jun and HAN, Sang Kyoung

2021224784 **Westinghouse Electric Company LLC** The nature of the amendment is as shown in the statement filed 24 Aug 2022

2021227716 **Artrya Limited** The nature of the amendment is: Amend the name of the inventor to read CLIFTON, Casey; JOYNER, Jack Rex; FLACK, Julien Charles; DWIVEDI, Girish and IHDAYHID, Abdul Rahman

2021234584 **Shenyang Sinochem Agrochemicals R&D Co., Ltd.** The nature of the amendment is: Amend the invention title to read PYRAZOLE CARBOXYLATE ESTER COMPOUND AND USE THEREOF

2021235480 **Ryght Holdings Pte Ltd** The nature of the amendment is: Amend the name of the inventor to read TAN, Hwee Teng

2021236306 **Genentech, Inc.** The nature of the amendment is: Amend the name of the inventor to read NAKAMURA, Gerald, R.; SE-SHASAYEE, Dhaya; VAN LOOKEREN CAMPAGNE, Menno; WONG, Tiffany; XI, Hongkang; BEVERS III, Jack; CHAN, Hui Nam; COMPS-AGRAR, Laetitia; CORPUZ, Racquel and WU, Jia

**Amendments**

2021236407 **Precision Drone Services Intellectual Property, LLC** The nature of the amendment is: Amend the invention title to read AIR ASSIST SPRAY ASSEMBLY

2021237686 **Palobiofarma, S.L.** The nature of the amendment is: Amend the invention title to read COCRYSTALS OF (1R,3S)-3-(5-CY-ANO-4-PHENYL-1,3-THIAZOL-2-YLCARBAMOYL)CYCLOPENTANE CARBOXYLIC ACID

2021237987 **Faculdades Católicas** The nature of the amendment is: Amend the invention title to read N-acylhydrazonic compounds, use in the treatment of amyloid and non-amyloid degenerative aggregopathies, and pharmaceutical composition

2021243639 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Railway wheel

2021325250 **Huaneng Clean Energy Research Institute** The nature of the amendment is: Amend the invention title to read SYSTEM AND METHOD FOR WASHING, DESULFURIZING AND DECARBONIZING FLUE GAS WITH LOW TEMPERATURE PENTANE

2021363112 **Hinton, S.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 14 Jul 2022

**2022**

2022215229 **Amgen, Inc.; ImmuNext, Inc.** The nature of the amendment is: Amend the priority details to include divisional 2019205489

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

**2009**

2009333459 Boehmke, Scott; Lippert, John; Gasbarro, James; Christian, Ryan; Christian, Jeff; Scientia Vascular LLC The name of the patentee has been altered to **Boehmke, S.; Lippert, J.; Gasbarro, J.; Christian, R.; Christian, J.; Scientia Vascular, Inc.**

**2010**

2010232448 Scientia Vascular LLC The name of the patentee has been altered to **Scientia Vascular, Inc.**

**2014**

2014381838 Linco Food Systems A/S The name of the patentee has been altered to **BAADER Food Systems Denmark A/S**

**2015**

2015404926 Linco Food Systems A/S The name of the patentee has been altered to **BAADER Food Systems Denmark A/S**

**2016**

2016351308 University Health Network The name of the patentee has been altered to **University Health Network; Notogen, Inc.**

2016381351 Corium International, Inc. The name of the applicant has been altered to **Corium, Inc.**

**Amendments**

2016427128 PepsiCo Inc. The name of the applicant has been altered to **PepsiCo, Inc.**

**2017**

2017272308 PERI AG The name of the applicant has been altered to **PERI SE**

**2018**

2018319281 Linco Food Systems A/S The name of the patentee has been altered to **BAADER Food Systems Denmark A/S**

2018354418 Transfusion Health, LLC The name of the applicant has been altered to **IMMUNEBRIDGE INC.**

2018381237 PurpleSun Solutions, Inc. The name of the applicant has been altered to **Leviant, Inc.**

**2019**

2019208189 PERI GmbH The name of the applicant has been altered to **PERI SE**

2019209450 PurpleSun Solutions, Inc. The name of the applicant has been altered to **Leviant, Inc.**

2019250267 University Health Network The name of the patentee has been altered to **University Health Network; Notogen, Inc.**

2019275391 eyeBrain Medical, Inc. The name of the applicant has been altered to **NeuroLens, Inc.**

2019295765 Proteostasis Therapeutics, Inc. The name of the applicant has been altered to **Yumanity, Inc.**

2019377957 Applied Electric Vehicles Pty Ltd The name of the patentee has been altered to **Applied Electric Vehicles Ltd**

2019380871 Applied Electric Vehicles Pty Ltd The name of the applicant has been altered to **Applied Electric Vehicles Ltd**

**2020**

2020100033 Applied Electric Vehicles Pty Ltd The name of the patentee has been altered to **Applied Electric Vehicles Ltd**

2020104476 Eurochampignon bvba The name of the patentee has been altered to **Muzzroom bvba**

2020376131 Quantum Technologies UG (Haftungsbeschränkt) The name of the applicant has been altered to **QUANTUM TECHNOLOGIES GMBH**

**2021**

2021102453 Applied Electric Vehicles Pty Ltd The name of the patentee has been altered to **Applied Electric Vehicles Ltd**

2021209962 Kayothera Inc.; The Trustees of Princeton University The name of the applicant has been altered to **Kayothera Inc.; The Trustees of Princeton University**

**Amendments**

2021903245 Applied Electric Vehicles Pty Ltd The name of the applicant has been altered to **Applied Electric Vehicles Ltd**

2021903556 Scott Thomas Arthur Phillips The name of the applicant has been altered to **SP & LE Enterprises Pty Ltd**

2021904064 Applied Electric Vehicles Pty Ltd The name of the applicant has been altered to **Applied Electric Vehicles Ltd**

**2022**

2022100130 Pilbara Conveyor Supplies Pty Ltd; Minter Ellison The name of the applicant has been altered to **Pilbara Conveyor Supplies Pty Ltd**

2022202166 Eurochampignon bvba The name of the applicant has been altered to **Muzzroom bvba**

2022209322 Qualcomm Incorporated The name of the applicant has been altered to **Qualcomm Technologies, Inc.; Industry-Academic Cooperation Foundation, Yonsei University**

2022900384 Applied Electric Vehicles Pty Ltd The name of the applicant has been altered to **Applied Electric Vehicles Ltd**

2022902683 Olivia Orchowski The name of the applicant has been altered to **Femtek Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) AADIGEN, LLC  
 (11) AU-A-2022206789  
 (21) 2022206789 (22) 21.07.2022  
 (54) PEPTIDES AND NANOPARTICLES FOR INTRACELLULAR DELIVERY OF GENOME-EDITING MOLECULES  
 (51) Int. Cl.  
     **C12N 15/63** ( 2006.01 )  
     **C07K 7/08** ( 2006.01 )  
     **C12N 9/22** ( 2006.01 )  
     **C12N 15/113** ( 2010.01 )  
 (43) 06.10.2022  
 (62) 2017268842  
 (72) DIVITA, Gilles; DESAI, Neil  
 (74) AJ PARK

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2022231687  
 (21) 2022231687 (22) 13.09.2022  
 (54) Application interface and display control in an analyte monitoring environment  
 (51) Int. Cl.  
     **G06F 21/30** ( 2013.01 )  
 (43) 06.10.2022  
 (62) 2020204282  
 (72) Berman, Glenn; Love, Michael R.; Crouther, Nathan; Sloan, Mark  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2022201870  
 (21) 2022201870 (22) 17.03.2022  
 (54) FEW-SHOT LEARNING FOR MULTI-TASK RECOMMENDATION SYSTEMS  
 (51) Int. Cl.  
     **G06Q 10/06** ( 2012.01 )  
     **G06N 20/00** ( 2019.01 )  
 (31) 63/164,152 (32) 22.03.21 (33) US  
 (43) 06.10.2022  
 (72) GUAN, Lan; XIONG, Guanglei; CHAN, Christopher Yen-Chu; SUBRAHMONIA, Jayashree; SANDER, Aaron James; KANG, Sukryool; ZHANG, Wenxian; PARUCHURI, Anwitha  
 (74) Murray Trento & Associates Pty Ltd

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2022201871  
 (21) 2022201871 (22) 17.03.2022  
 (54) EARLY PATTERN DETECTION IN DATA FOR IMPROVED ENTERPRISE OPERATIONS  
 (51) Int. Cl.  
     **G06N 5/02** ( 2006.01 )  
     **G06N 20/00** ( 2019.01 )  
     **G06Q 10/06** ( 2012.01 )  
 (31) 63/164,159 (32) 22.03.21 (33) US

(43) 06.10.2022  
 (72) GUAN, Lan; XIONG, Guanglei; ZHANG, Wenxian; KANG, Sukryool; PARUCHURI, Anwitha; BREWER, Jing Su; WONG, Ivan A.; CHAN, Christopher Yen-Chu; MOFFAT, Danielle; SUBRAHMONIA, Jayashree; BARRERE, Louise Noreen  
 (74) Murray Trento & Associates Pty Ltd

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(71) Adionics  
 (11) AU-A-2022228159  
 (21) 2022228159 (22) 08.09.2022  
 (54) Method for extracting salts and temperature-regenerated extracting composition  
 (51) Int. Cl.  
     **B01D 11/04** ( 2006.01 )  
     **B01J 45/00** ( 2006.01 )  
     **C02F 1/68** ( 2006.01 )  
     **C02F 5/10** ( 2006.01 )  
     **C22B 3/38** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017298591  
 (72) Dautriche, Bastien; De Souza, Guillaume; Pouessel, Jacky  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

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(71) Advanced Bariatric Technology, LLC  
 (11) AU-A-2022231775  
 (21) 2022231775 (22) 16.09.2022  
 (54) Polymer overmolded bariatric clamp and method of installing  
 (51) Int. Cl.  
     **A61B 17/122** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2021200778  
 (72) ARMENTEROS, Jesus R.; JACOBS, Moises; FRENCH, C. Kenneth  
 (74) Spruson & Ferguson

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(71) Aebi Ltd.  
 (11) AU-A-202221434  
 (21) 202221434 (22) 24.08.2022  
 (54) Therapeutic multi-targeting constructs and uses thereof  
 (51) Int. Cl.  
     **C07K 7/00** ( 2006.01 )  
     **A61K 38/08** ( 2019.01 )  
     **A61K 38/12** ( 2006.01 )  
     **A61K 47/60** ( 2017.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07K 14/33** ( 2006.01 )  
     **C07K 17/08** ( 2006.01 )  
     **C12N 15/62** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017333442  
 (72) Morad, Ilan; Itzhaki, Hanan  
 (74) PIPERS

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(71) AeroVironment, Inc.  
 (11) AU-A-2022228202  
 (21) 2022228202 (22) 09.09.2022  
 (54) UAV payload module camera assembly and retraction mechanism  
 (51) Int. Cl.  
     **B64D 47/00** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2020210247  
 (72) ZWAAN, John Peter; BELIK, Pavel; DIMOTAKIS, Manolis; D'AQUILA, Christopher J.  
 (74) Spruson & Ferguson

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(71) Akston Biosciences Corporation  
 (11) AU-A-2022231665  
 (21) 2022231665 (22) 12.09.2022  
 (54) Antigen specific immunotherapy for COVID-19 fusion proteins and methods of use  
 (51) Int. Cl.  
     **C07K 14/005** ( 2006.01 )  
     **A61K 38/00** ( 2006.01 )  
     **A61K 39/12** ( 2006.01 )  
     **A61P 31/14** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2021253926  
 (72) Zion, Todd C.; Huang, Kexin; Sathiyaseelan, Thillainayagam; Lancaster, Thomas M.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) AlaMab Therapeutics, Inc.  
 (11) AU-A-2022218583  
 (21) 2022218583 (22) 18.08.2022  
 (54) Connexin 43 Antibodies And Use Thereof  
 (51) Int. Cl.  
     **A61K 39/395** ( 2006.01 )  
     **C07K 16/18** ( 2006.01 )  
     **C07K 16/46** ( 2006.01 )  
     **C07K 19/00** ( 2006.01 )  
     **C12N 15/13** ( 2006.01 )  
     **C12P 21/08** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2020219112  
 (72) ZHANG, Yanfeng  
 (74) WRAYS PTY LTD

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(71) Alcolizer Pty Ltd  
 (11) AU-A-2022228205  
 (21) 2022228205 (22) 09.09.2022  
 (54) A mind-altering substance testing system  
 (51) Int. Cl.  
     **G06Q 10/06** ( 2012.01 )  
     **A61B 5/097** ( 2006.01 )  
     **G01N 33/497** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 06.10.2022  
 (62) 2016343268  
 (72) HUNT, Roger; BROWN, James  
 (74) Spruson & Ferguson

(71) Aloxitec Pty Ltd.  
 (11) AU-A-2022228197  
 (21) 2022228197 (22) 09.09.2022  
 (54) Porous materials comprising metal oxides and the use thereof  
 (51) Int. Cl.  
 A23B 7/00 ( 2006.01 )  
 B01J 20/02 ( 2006.01 )  
 B01J 20/284 ( 2006.01 )  
 C25D 11/02 ( 2006.01 )  
 C25D 11/26 ( 2006.01 )  
 C25D 11/34 ( 2006.01 )

(43) 06.10.2022  
 (62) 2019400944  
 (72) FANG, Jinghua  
 (74) MINTER ELLISON

(71) Alpha Tech Research Corp  
 (11) AU-A-2022231688  
 (21) 2022231688 (22) 13.09.2022  
 (54) Electrochemical separation mechanism in a molten salt reactor  
 (51) Int. Cl.  
 G21F 9/12 ( 2006.01 )  
 G21C 19/42 ( 2006.01 )  
 G21C 19/44 ( 2006.01 )

(43) 06.10.2022  
 (62) 2019277181  
 (72) MEMMOTT, Matthew; BENSON, John  
 (74) FB Rice Pty Ltd

(71) Amgen, Inc.; ImmuNext, Inc.  
 (11) AU-A-2022215229  
 (21) 2022215229 (22) 11.08.2022  
 (54) Anti-MCT1 antibodies and uses thereof  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 37/02 ( 2006.01 )  
 G01N 33/577 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )

(43) 06.10.2022  
 (62) 2019205489  
 (72) ROTHSTEIN, Jay; CARRIERE, Catherine; SEREGIN, Sergey; GOBEIL, Philippe; LEE, Grace Ki Jeong; SHI-GENAKA, Kimberly P.; GORDON, Marcia; QUON, Kim; WANG, Yong; LEVY, Raphael D.; WANG, Jordon K.; CHAMBERS, Ross; TUCKER, David Francis; SCRENCI, Brad A.  
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.  
 (11) AU-A-2022221379  
 (21) 2022221379 (22) 22.08.2022  
 (54) Game token tray, table game management system, game token tray system, and game token management method  
 (51) Int. Cl.  
 A63F 9/00 ( 2006.01 )  
 A63F 11/00 ( 2006.01 )

G06K 7/10 ( 2006.01 )  
 G06K 7/12 ( 2006.01 )  
 G06K 7/14 ( 2006.01 )  
 G06K 19/00 ( 2006.01 )  
 G06K 19/04 ( 2006.01 )  
 G06K 19/06 ( 2006.01 )  
 G06K 19/07 ( 2006.01 )  
 G06Q 50/10 ( 2012.01 )  
 G07D 9/00 ( 2006.01 )

(43) 06.10.2022  
 (62) 2018218398  
 (72) Shigeta, Yasushi  
 (74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.  
 (11) AU-A-2022231696  
 (21) 2022231696 (22) 13.09.2022  
 (54) PACKING BOX FOR SHUFFLED PLAYING CARDS  
 (51) Int. Cl.  
 A63F 1/06 ( 2006.01 )

(43) 06.10.2022  
 (62) 2020256422  
 (72) Shigeta, Yasushi  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2022228204  
 (21) 2022228204 (22) 09.09.2022  
 (54) Watch theater mode  
 (51) Int. Cl.  
 G09G 5/02 ( 2006.01 )  
 G06F 3/14 ( 2006.01 )  
 G09G 5/10 ( 2006.01 )

(43) 06.10.2022  
 (62) 2020217354  
 (72) McAtee, Kevin Tyler; Gowreesunker, Baboo; Lamb, Michael J.; Schorsch, Brent W.; Lynch, Kevin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-A-2022231686  
 (21) 2022231686 (22) 13.09.2022  
 (54) Devices and methods for measuring using augmented reality  
 (51) Int. Cl.  
 G06F 3/01 ( 2006.01 )

(43) 06.10.2022  
 (62) 2021240284  
 (72) Dryer, Allison W.; Paul, Grant R.; Dascola, Jonathan R.; Faulkner, Jeffrey M.; Forssell, Lisa K.; Goulding, Andrew H.; Lemay, Stephen O.; Lyons, Richard D.; Yerkes, Giancarlo; Norris, Jeffrey S.; Da Veiga, Alexandre  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022201802  
 (21) 2022201802 (22) 16.03.2022  
 (54) THREE-DIMENSIONAL SCREEN FOR GAMING DEVICE  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 A63F 13/25 ( 2014.01 )

H04N 13/10 ( 2018.01 )  
 (31) 17/490,916 (32) 30.09.21 (33) US  
 63/161,831 16.03.21 US  
 (43) 06.10.2022  
 (72) VILLANUEVA, Samuel; HILL, Garrett  
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022201803  
 (21) 2022201803 (22) 16.03.2022  
 (54) ZERO-CABLING SCREEN CONNECTION FOR GAMING DEVICE  
 (51) Int. Cl.  
 A63F 13/30 ( 2014.01 )  
 G07F 17/32 ( 2006.01 )  
 (31) 17/490,768 (32) 30.09.21 (33) US  
 63/161,831 16.03.21 US  
 (43) 06.10.2022  
 (72) VILLANUEVA, Samuel; HILL, Garrett  
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022201804  
 (21) 2022201804 (22) 16.03.2022  
 (54) SEGMENTED DISPLAY ASSEMBLY FOR GAMING DEVICE  
 (51) Int. Cl.  
 G07F 17/34 ( 2006.01 )  
 (31) 17/490,662 (32) 30.09.21 (33) US  
 63/161,831 16.03.21 US  
 (43) 06.10.2022  
 (72) VILLANUEVA, Samuel; HILL, Garrett  
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022201822  
 (21) 2022201822 (22) 16.03.2022  
 (54) INTEGRATED EDGE LIGHTING FOR GAMING DEVICE  
 (51) Int. Cl.  
 A63F 13/28 ( 2014.01 )  
 A63F 13/90 ( 2014.01 )  
 G07F 17/32 ( 2006.01 )  
 (31) 17/490,954 (32) 30.09.21 (33) US  
 63/161,831 16.03.21 US  
 (43) 06.10.2022  
 (72) VILLANUEVA, Samuel; HILL, Garrett  
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022201892  
 (21) 2022201892 (22) 18.03.2022  
 (54) OVERHEAD DISPLAY HAVING CONCENTRIC INNER AND OUTER DISPLAYS AND ASSOCIATED SYSTEMS AND METHODS  
 (51) Int. Cl.  
 A63F 13/26 ( 2014.01 )  
 A63F 9/24 ( 2006.01 )  
 (31) 17/205,786 (32) 18.03.21 (33) US  
 (43) 06.10.2022  
 (72) EATMAN, Reginna; SCHOONMAKER, Rena  
 (74) Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022201896  
 (21) 2022201896 (22) 18.03.2022  
 (54) MODULAR BUTTONS FOR A GAMING SYSTEM  
 (51) Int. Cl.  
     **A63F 13/24** ( 2014.01 )  
     **A63F 13/22** ( 2014.01 )  
     **G06F 3/02** ( 2006.01 )  
     **G07F 17/32** ( 2006.01 )  
 (31) 17/695,308 (32) 15.03.22 (33) US  
     63/163,329 19.03.21 US  
 (43) 06.10.2022  
 (72) RODRIGUEZ, Frank; SHAFFER Jr., Stephen  
 (74) Griffith Hack

(71) Arkema France  
 (11) AU-A-2022231656  
 (21) 2022231656 (22) 12.09.2022  
 (54) Lithium/sulfur battery with increased capacity and associated production process  
 (51) Int. Cl.  
     **H01M 4/36** ( 2006.01 )  
     **H01M 4/38** ( 2006.01 )  
     **H01M 4/60** ( 2006.01 )  
     **H01M 4/62** ( 2006.01 )  
     **H01M 10/052** ( 2010.01 )  
     **H01M 10/054** ( 2010.01 )  
     **H01M 10/0568** ( 2010.01 )  
 (43) 06.10.2022  
 (62) 2019254798  
 (72) SKOWRON, Pierre-Thomas; SCHMITT, Paul-Guillaume; ANOUTI, Mériem; KORZHENKO, Alexander  
 (74) Griffith Hack

(71) Arrinex, Inc.  
 (11) AU-A-2022231648  
 (21) 2022231648 (22) 12.09.2022  
 (54) Systems, devices, and methods for treatment of nasal disorders  
 (51) Int. Cl.  
     **A61B 18/02** ( 2006.01 )  
     **A61N 7/02** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2019291812  
 (72) SAADAT, Vahid; FAHEY, Brian; FOX, William Jason; SAADAT, Mojgan  
 (74) Davies Collison Cave Pty Ltd

(71) Arrowhead Pharmaceuticals, Inc.  
 (11) AU-A-2022205929  
 (21) 2022205929 (22) 18.07.2022  
 (54) RNAi agents for Hepatitis B virus infection  
 (51) Int. Cl.  
     **C07H 21/02** ( 2006.01 )  
     **A61K 48/00** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017306692  
 (72) LI, Zhen; ZHU, Rui; WOODDELL, Christine I.; GIVEN, Bruce D.; PEI, Tao; LEWIS, David L.; ALMEIDA, Lauren J.; ROZEMA, David B.; WAKEFIELD, Darren H.  
 (74) Spruson & Ferguson

(71) Austworld Commodities Pty Ltd  
 (11) AU-A-2021221717  
 (21) 2021221717 (22) 25.08.2021  
 (54) RECREATIONAL VEHICLE ACCESSORIES  
 (51) Int. Cl.  
     **B60N 3/16** ( 2006.01 )  
     **B60R 9/06** ( 2006.01 )  
     **A47J 37/07** ( 2006.01 )  
     **B60R 11/00** ( 2006.01 )  
     **F24C 15/30** ( 2006.01 )  
 (31) 2021900504 (32) 24.02.21 (33) AU  
 (43) 06.10.2022  
 (72) Raso, Adrian  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Avadain, LLC  
 (11) AU-A-2022221429  
 (21) 2022221429 (22) 23.08.2022  
 (54) GRAPHENE AND THE PRODUCTION OF GRAPHENE  
 (51) Int. Cl.  
     **C25B 1/00** ( 2021.01 )  
     **H01M 4/587** ( 2010.01 )  
 (43) 06.10.2022  
 (62) 2016392473  
 (72) Nebel, Christoph E.; Hoffmann, René; Roscher, Sarah  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
 (11) AU-A-2022228201  
 (21) 2022228201 (22) 09.09.2022  
 (54) Image encoding/decoding method and device  
 (51) Int. Cl.  
     **H04N 19/105** ( 2014.01 )  
     **H04N 19/117** ( 2014.01 )  
     **H04N 19/124** ( 2014.01 )  
     **H04N 19/172** ( 2014.01 )  
     **H04N 19/176** ( 2014.01 )  
     **H04N 19/186** ( 2014.01 )  
     **H04N 19/51** ( 2014.01 )  
     **H04N 19/593** ( 2014.01 )  
     **H04N 19/70** ( 2014.01 )  
 (43) 06.10.2022  
 (62) 2019241823  
 (72) KIM, Ki Baek  
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
 (11) AU-A-2022228227  
 (21) 2022228227 (22) 12.09.2022  
 (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) 06.10.2022  
 (62) 2017340007  
 (72) KIM, Ki Baek  
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
 (11) AU-A-2022228228  
 (21) 2022228228 (22) 12.09.2022  
 (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) 06.10.2022  
 (62) 2017340007  
 (72) KIM, Ki Baek  
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
 (11) AU-A-2022228372  
 (21) 2022228372 (22) 12.09.2022  
 (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) 06.10.2022  
 (62) 2017340007  
 (72) KIM, Ki Baek  
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
 (11) AU-A-2022229691  
 (21) 2022229691 (22) 12.09.2022  
 (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 )



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**(43)** 06.10.2022  
**(62)** 2017340007  
**(72)** KIM, Ki Baek  
**(74)** FB Rice Pty Ltd

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**(71)** Bayer Aktiengesellschaft  
**(11)** AU-A-2022231707  
**(21)** 2022231707 **(22)** 14.09.2022  
**(54)** Novel heteroaryl-triazole and heteroaryl-tetrazole compounds as pesticides  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A01N 43/00** ( 2006.01 )  
**A01P 17/00** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2019260016  
**(72)** GÖRGENS, Ulrich; HEISLER, Iring; TELSER, Joachim; JESCHKE, Peter; TURBERG, Andreas; CANCHO GRANDE, Yolanda; EBBINGHAUS-KINTSCHER, Ulrich; DAMIJONAITIS, Arunas Jonas; ILG, Kerstin; LINKA, Marc; BUSCATO ARSEQUELL, Estella; WROBLOWSKY, Heinz-Juergen; FÜSSLEIN, Martin; SCHWARZ, Hans-Georg; HALLENBACH, Werner; ARLT, Alexander  
**(74)** Davies Collision Cave Pty Ltd

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**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2022231745  
**(21)** 2022231745 **(22)** 15.09.2022  
**(54)** System and method for preparing a pharmaceutical compound  
**(51)** Int. Cl.  
**G01G 21/28** ( 2006.01 )  
**G01G 19/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2021204624  
**(72)** Witt, Erik Kurt; Turpault, Mathieu; Tannen, Robert; Hoerner, Helmut; Murray, Chris; Thomas, Matt; Sandmann, Christian; Hanke, Christian  
**(74)** FB Rice Pty Ltd

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**(71)** Beijing Baidu Netcom Science Technology Co., Ltd.  
**(11)** AU-A-2022235559  
**(21)** 2022235559 **(22)** 21.09.2022  
**(54)** Method and apparatus for determining signal sampling quality, electronic device and storage medium  
**(51)** Int. Cl.  
**G06K 9/00** ( 2022.01 )  
**G06K 9/62** ( 2022.01 )  
**G06N 10/70** ( 2022.01 )  
**(31)** 202210345361.4 **(32)** 31.03.22 **(33)** CN

**(43)** 06.10.2022  
**(72)** MENG, Zelin  
**(74)** FB Rice Pty Ltd

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**(71)** Beijing Tusen Zhitu Technology Co., Ltd.  
**(11)** AU-A-2022201560  
**(21)** 2022201560 **(22)** 07.03.2022  
**(54)** Method for inter-process communication, related computing device and storage medium  
**(51)** Int. Cl.  
**G06F 9/54** ( 2006.01 )  
**G06F 9/06** ( 2006.01 )  
**(31)** 202110294963.7 **(32)** 19.03.21 **(33)** CN  
**(43)** 06.10.2022  
**(72)** WU, Hao; JIN, Jiangming  
**(74)** FB Rice Pty Ltd

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**(71)** Bonti, Inc.  
**(11)** AU-A-2022231676  
**(21)** 2022231676 **(22)** 13.09.2022  
**(54)** Botulinum neurotoxins for treating hyperhidrosis  
**(51)** Int. Cl.  
**A61K 8/64** ( 2006.01 )  
**A61K 9/64** ( 2006.01 )  
**C07K 14/33** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2018255409  
**(72)** Jarpe, Michael; Ahmad, Wajdie; Hasan, Fauad  
**(74)** Davies Collision Cave Pty Ltd

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**(71)** Breville USA, Inc.  
**(11)** AU-A-2022231697  
**(21)** 2022231697 **(22)** 13.09.2022  
**(54)** Data aggregation and personalization for remotely controlled cooking devices  
**(51)** Int. Cl.  
**G06Q 50/12** ( 2012.01 )  
**G06F 3/048** ( 2013.01 )  
**G06F 9/44** ( 2018.01 )  
**(43)** 06.10.2022  
**(62)** 2016358148  
**(72)** Salazar, Nelson Timothy; Natkin, Michael; Young, Christopher Charles; Baldwin, Douglas Eugene  
**(74)** GLMR

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**(71)** Caffitaly System S.p.A.  
**(11)** AU-A-2022204251  
**(21)** 2022204251 **(22)** 14.03.2022  
**(54)** Capsule for making beverages and system which comprises the capsule  
**(51)** Int. Cl.  
**A47J 31/24** ( 2006.01 )  
**(31)** 102021000006254 **(32)** 16.03.21 **(33)** IT  
**(43)** 06.10.2022  
**(72)** DIAMANTI, Maurizio; FINI, Roberto  
**(74)** Patent Attorney Services

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**(71)** Caffitaly System S.p.A.  
**(11)** AU-A-2022204253  
**(21)** 2022204253 **(22)** 14.03.2022

**(54)** Capsule for making a beverage and system which comprises the capsule and an apparatus  
**(51)** Int. Cl.  
**A47J 31/24** ( 2006.01 )  
**(31)** 102021000006251 **(32)** 16.03.21 **(33)** IT  
**(43)** 06.10.2022  
**(72)** DIAMANTI, Maurizio; FINI, Roberto  
**(74)** Patent Attorney Services

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**(71)** Caffitaly System S.p.A.  
**(11)** AU-A-2022204255  
**(21)** 2022204255 **(22)** 14.03.2022  
**(54)** Capsule and system for making a beverage  
**(51)** Int. Cl.  
**A47J 31/24** ( 2006.01 )  
**(31)** 102021000006245 **(32)** 16.03.21 **(33)** IT  
**(43)** 06.10.2022  
**(72)** DIAMANTI, Maurizio; FINI, Roberto  
**(74)** Patent Attorney Services

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**(71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2022228209  
**(21)** 2022228209 **(22)** 09.09.2022  
**(54)** Method, apparatus and system for encoding and decoding a coding tree unit  
**(51)** Int. Cl.  
**H04N 19/129** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/12** ( 2014.01 )  
**H04N 19/122** ( 2014.01 )  
**H04N 19/18** ( 2014.01 )  
**H04N 19/60** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**H04N 19/96** ( 2014.01 )  
**(43)** 06.10.2022  
**(62)** 2019275553  
**(72)** ROSEWARNE, Christopher James  
**(74)** Spruson & Ferguson

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**(71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2022228215  
**(21)** 2022228215 **(22)** 09.09.2022  
**(54)** Method, apparatus and system for encoding and decoding a coding tree unit  
**(51)** Int. Cl.  
**H04N 19/12** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/122** ( 2014.01 )  
**H04N 19/18** ( 2014.01 )  
**H04N 19/61** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**H04N 19/96** ( 2014.01 )  
**(43)** 06.10.2022  
**(62)** 2019275552  
**(72)** ROSEWARNE, Christopher James  
**(74)** Spruson & Ferguson

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**(71)** Carmichael, B.  
**(11)** AU-A-2021201645  
**(21)** 2021201645 **(22)** 16.03.2021  
**(54)** A Sandal  
**(51)** Int. Cl.  
**A43B 3/10** ( 2006.01 )

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(43) 06.10.2022  
(72) Carmichael, Brodie Scott  
(74) Michael Buck IP

(71) Cibus Europe B.V.  
(11) AU-A-2022231679  
(21) 2022231679 (22) 13.09.2022  
(54) Mutated acetohydroxyacid synthase genes in Brassica  
(51) Int. Cl.  
A01H 1/00 ( 2006.01 )  
C12N 5/04 ( 2006.01 )  
C12Q 1/68 ( 2018.01 )

(43) 06.10.2022  
(62) 2020203495  
(72) SCHOPKE, Christian; BEETHAM, Peter R.; WALKER, Keith; GOCAL, Greg R. W.  
(74) Spruson & Ferguson

Cleyne, M.L. see Cleyne, S.M.  
(21) 2021201662

(71) Cleyne, S.M.; Cleyne, M.L.  
(11) AU-A-2021201662  
(21) 2021201662 (22) 16.03.2021  
(54) DEVICE AND METHOD FOR BILATERAL SENSORY STIMULATION  
(51) Int. Cl.  
A61H 23/02 ( 2006.01 )  
A61M 21/00 ( 2006.01 )  
A61M 21/02 ( 2006.01 )  
A61N 5/06 ( 2006.01 )  
G09B 21/00 ( 2006.01 )  
(43) 06.10.2022  
(72) Cleyne, Shawn Malcolm  
(74) FLATLINE COURIERS

(71) Commonwealth Scientific and Industrial Research Organisation  
(11) AU-A-2022231675  
(21) 2022231675 (22) 13.09.2022  
(54) An automatic encoder of legislation to logic  
(51) Int. Cl.  
G06F 40/00 ( 2020.01 )  
G06N 5/02 ( 2006.01 )  
G09B 7/08 ( 2006.01 )  
(43) 06.10.2022  
(62) 2017351636  
(72) POSTNIECE, Linda; HANLEN, Leif; SIMON, Travis; BACON, Neil; GOVERNATORI, Guido  
(74) FB Rice Pty Ltd

(71) CSA Medical, Inc.  
(11) AU-A-2022231776  
(21) 2022231776 (22) 16.09.2022  
(54) Method and system for consistent, repeatable, and safe cryospray treatment of airway tissue  
(51) Int. Cl.  
A61B 18/02 ( 2006.01 )  
F25D 31/00 ( 2006.01 )

(43) 06.10.2022  
(62) 2020201833  
(72) Sheets, Ellen; Cordero, Rafael; Griffin, Stephen; Fan, Wei; Sherrill, David; Hanley, Brian M.; Sarli, Amy; Maners, Wendelin; Hawke, Heather V.; Davidson, Marc  
(74) Davies Collison Cave Pty Ltd

(71) Cytomx Therapeutics, Inc  
(11) AU-A-2022231735  
(21) 2022231735 (22) 15.09.2022  
(54) Anti-PD-1 antibodies, activatable anti-PD-1 antibodies, and methods of use thereof  
(51) Int. Cl.  
C07K 16/28 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
(43) 06.10.2022  
(62) 2016294440  
(72) West, James William; Tipton, Kimberly Ann; Chan, Chanty Mariategue  
(74) Spruson & Ferguson

(71) Daiichi Sankyo Company, Limited  
(11) AU-A-2022231706  
(21) 2022231706 (22) 14.09.2022  
(54) ANTI-GARP ANTIBODY  
(51) Int. Cl.  
C12N 15/02 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C07K 16/32 ( 2006.01 )  
C12N 1/15 ( 2006.01 )  
C12N 1/19 ( 2006.01 )  
C12N 1/20 ( 2006.01 )  
C12N 5/10 ( 2006.01 )  
C12P 21/08 ( 2006.01 )

(43) 06.10.2022  
(62) 2020200866  
(72) Satoh, Kazuki; Hirahara, Kazuki; Watanabe, Ichiro; Amano, Masato  
(74) Davies Collison Cave Pty Ltd

(71) Daikin Industries, Ltd.  
(11) AU-A-2022231725  
(21) 2022231725 (22) 15.09.2022  
(54) Device management system  
(51) Int. Cl.  
H04Q 9/00 ( 2006.01 )  
G06F 13/00 ( 2006.01 )  
(43) 06.10.2022  
(62) 2020222538  
(72) KITAMURA, Masayasu  
(74) Spruson & Ferguson

(71) Deep Isolation, Inc.  
(11) AU-A-202224850  
(21) 202224850 (22) 02.09.2022  
(54) STORING HAZARDOUS MATERIAL IN A SUBTERRANEAN FORMATION  
(51) Int. Cl.  
G21F 9/28 ( 2006.01 )  
G21F 5/005 ( 2006.01 )  
G21F 9/34 ( 2006.01 )

G21F 9/36 ( 2006.01 )  
(43) 06.10.2022  
(62) 2018282167  
(72) Muller, Elizabeth A.; Muller, Richard A.  
(74) RnB IP Pty Ltd

(71) Deere & Company  
(11) AU-A-2022200957  
(21) 2022200957 (22) 14.02.2022  
(54) Apparatus and method for limiting movement of a work machine  
(51) Int. Cl.  
G05D 1/10 ( 2006.01 )  
E02F 9/20 ( 2006.01 )  
(31) 17/249,921 (32) 18.03.21 (33) US  
(43) 06.10.2022  
(72) Sherlock, Lance R.  
(74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership  
(11) AU-A-2022221500  
(21) 2022221500 (22) 25.08.2022  
(54) Product dispensing system  
(51) Int. Cl.  
B67D 1/12 ( 2006.01 )  
B67D 1/08 ( 2006.01 )  
(43) 06.10.2022  
(62) 2020202004  
(72) BIASI, John J.; BEAVIS, Russell H.; GOULET, Michael J.; PRIBYL, Eric L.  
(74) Griffith Hack

(71) Dolby International AB  
(11) AU-A-2022231727  
(21) 2022231727 (22) 15.09.2022  
(54) Improved Subband Block Based Harmonic Transposition  
(51) Int. Cl.  
G10L 19/02 ( 2013.01 )  
G10L 21/038 ( 2013.01 )  
G10L 21/04 ( 2013.01 )  
G10L 19/022 ( 2013.01 )  
G10L 25/18 ( 2013.01 )  
(43) 06.10.2022  
(62) 2022200874  
(72) Villemoes, Lars  
(74) Chrysiliou IP

(71) Eden Green Global Technologies Limited  
(11) AU-A-2022231752  
(21) 2022231752 (22) 15.09.2022  
(54) Hydroponics  
(51) Int. Cl.  
A01G 31/06 ( 2006.01 )  
A01G 9/02 ( 2018.01 )

(43) 06.10.2022  
(62) 2020203688  
(72) Van Buuren, Eugene; Van Buuren, Jacques; Ehlers, Jan Gerhardus  
(74) Davies Collison Cave Pty Ltd

(71) Edwards Lifesciences Corporation  
(11) AU-A-2022231690  
(21) 2022231690 (22) 13.09.2022

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- (54) Heart valve sealing devices and delivery devices therefor  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2019357479  
 (72) MCCANN, Alex Philip; STEARNS, Grant Matthew; DIXON, Eric Robert; KWON, Yoon Hee; POPP, Michael J.; DELGADO, Sergio; FRESCHAUF, Lauren R.; GOHRES, Rachel Ann; FOREMAN, Rachel Liat David  
 (74) Spruson & Ferguson
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- (71) Edwards Lifesciences Corporation  
 (11) AU-A-2022231773  
 (21) 2022231773 (22) 16.09.2022  
 (54) Multi-portion replacement heat valve prosthesis  
 (51) Int. Cl.  
**A61F 2/24** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017314852  
 (72) OBA, Travis Zenyo; PETERSON, Matthew A.; RABITO, Glen T.; COOPER, Alexander H.; LANDON, David Robert; RATZ, J. Brent; YI, Seung-Beom  
 (74) Spruson & Ferguson
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- (71) Eli Lilly and Company  
 (11) AU-A-2022231763  
 (21) 2022231763 (22) 16.09.2022  
 (54) Protein tyrosine-tyrosine analogs and methods of using the same  
 (51) Int. Cl.  
**C07K 14/575** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
 (43) 06.10.2022  
 (62) 2019371232  
 (72) BRIERE, Daniel Anthony; LOPES, Daniel Christopher; MUPPIDI, Avinash  
 (74) Spruson & Ferguson
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- (71) Estetra SRL  
 (11) AU-A-2022231672  
 (21) 2022231672 (22) 13.09.2022  
 (54) Method for the management of dysmenorrhoea and menstrual pain  
 (51) Int. Cl.  
**A61K 31/565** ( 2006.01 )  
**A61K 31/585** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2016425935  
 (72) Jost, Maud; Rausin, Glwadys  
 (74) Griffith Hack
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- (71) Eteknology Pty Ltd  
 (11) AU-A-2022231714  
 (21) 2022231714 (22) 14.09.2022  
 (54) Platform Module  
 (51) Int. Cl.  
**B65D 88/12** ( 2006.01 )
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- (43) 06.10.2022  
 (62) 2016356729  
 (72) Mitchell, Roy  
 (74) WRAYS PTY LTD
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- (71) EveryPoint, Inc.  
 (11) AU-A-2022201728  
 (21) 2022201728 (22) 11.03.2022  
 (54) Performing object modeling by combining visual data from images with motion data of the image acquisition device  
 (51) Int. Cl.  
**G06T 17/00** ( 2006.01 )  
**G06T 7/20** ( 2017.01 )  
**G06V 10/75** ( 2022.01 )  
**G06V 20/64** ( 2022.01 )  
 (31) 17/209,039 (32) 22.03.21 (33) US  
 (43) 06.10.2022  
 (72) Boardman, David B.; Heinly, Jared S.; Kapaganty, Srinivas  
 (74) Davies Collison Cave Pty Ltd
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- (71) Eye Pee Pty Ltd  
 (11) AU-A-2021221446  
 (21) 2021221446 (22) 24.08.2021  
 (54) A Traffic Monitoring Apparatus  
 (51) Int. Cl.  
**G05D 1/00** ( 2006.01 )  
**G01S 5/00** ( 2006.01 )  
**G08G 1/054** ( 2006.01 )  
**H04N 7/18** ( 2006.01 )  
**G01S 19/14** ( 2010.01 )  
**G05D 1/02** ( 2020.01 )  
 (31) 2021900807 (32) 19.03.21 (33) AU  
 (43) 06.10.2022  
 (72) Ogden, Tory Jackson  
 (74) James & Wells Intellectual Property
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- (71) Fidelity Information Services, LLC  
 (11) AU-A-2022231708  
 (21) 2022231708 (22) 14.09.2022  
 (54) SYSTEMS AND METHODS FOR REAL-TIME ACCOUNT ACCESS  
 (51) Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
 (43) 06.10.2022  
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 (72) Marcous, Neil; Gordon, Peter; Woodbury, Robert  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2022231700  
 (21) 2022231700 (22) 14.09.2022  
 (54) CONNECTORS FOR CONDUITS  
 (51) Int. Cl.  
**A61M 16/08** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2021215105  
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 (74) AJ PARK
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- (71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2022231772  
 (21) 2022231772 (22) 16.09.2022  
 (54) RESPIRATORY INTERFACE  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017292403  
 (72) Spear, Tony William; McLaren, Mark Arvind; Hocking, Jake Baker; Bornholdt, Melissa Catherine  
 (74) AJ PARK
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- (71) Forescout Technologies, Inc.  
 (11) AU-A-2022221388  
 (21) 2022221388 (22) 22.08.2022  
 (54) NETWORK VISIBILITY  
 (51) Int. Cl.  
**H04L 67/1396** ( 2022.01 )  
**G06F 9/455** ( 2018.01 )  
**H04L 43/00** ( 2022.01 )  
 (43) 06.10.2022  
 (62) 2018214808  
 (72) Lam, Anderson; Sudakovitch, Mihael; Fainberg, Ilya  
 (74) Michael Buck IP
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- (71) FUJIFILM Corporation; FUJIFILM Medical Systems USA, Inc.  
 (11) AU-A-2022231713  
 (21) 2022231713 (22) 14.09.2022  
 (54) Medical care assistance device, and operation method and operation program therefor  
 (51) Int. Cl.  
**G16H 15/00** ( 2018.01 )  
**G16H 30/40** ( 2018.01 )  
 (43) 06.10.2022  
 (62) 2018373210  
 (72) ISHIGAKI, Junichi; SUGIHARA, Keiji; NENOKI, Yasuyo  
 (74) Griffith Hack
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- (71) FUJIFILM Corporation; FUJIFILM Medical Systems USA, Inc.  
 (11) AU-A-2022231758  
 (21) 2022231758 (22) 15.09.2022  
 (54) Medical care assistance device, and operation method and operation program therefor  
 (51) Int. Cl.  
**G16H 15/00** ( 2018.01 )  
**G16H 30/40** ( 2018.01 )  
 (43) 06.10.2022  
 (62) 2018373209  
 (72) SUGIHARA, Keiji; ISHIGAKI, Junichi; NENOKI, Yasuyo  
 (74) Griffith Hack
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 (21) 2022231713

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FUJIFILM Corporation**  
(21) 2022231758

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(11) AU-A-2021221541  
(21) 2021221541 (22) 24.08.2021  
(54) Method, Device, and System for Monitoring an Underground Asset  
(51) Int. Cl.  
G08B 13/196 ( 2006.01 )  
G06V 20/00 ( 2022.01 )  
G06V 20/52 ( 2022.01 )  
G08B 21/18 ( 2006.01 )  
G08B 25/10 ( 2006.01 )  
G06N 3/08 ( 2006.01 )  
G06N 20/00 ( 2019.01 )  
G06T 7/73 ( 2017.01 )  
G08B 29/18 ( 2006.01 )  
G08B 29/20 ( 2006.01 )  
G08B 29/26 ( 2006.01 )  
(31) 2021900811 (32) 19.03.21 (33) AU  
(43) 06.10.2022  
(72) Barthelemy, Johan  
(74) Griffith Hack

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(71) GENENTECH, INC.  
(11) AU-A-2022231703  
(21) 2022231703 (22) 14.09.2022  
(54) Cell culture compositions with antioxidants and methods for polypeptide production  
(51) Int. Cl.  
C12N 5/00 ( 2006.01 )  
(43) 06.10.2022  
(62) 2020223634  
(72) YANG, Yi; VARMA, Sharat; MEIER, Steven J.; VIJAYASANKARAN, Natara-  
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(71) Gifu Plastic Industry Co., Ltd.  
(11) AU-A-2022231720  
(21) 2022231720 (22) 14.09.2022  
(54) LANE ROPE FLOAT  
(51) Int. Cl.  
A63K 3/00 ( 2006.01 )  
E04H 4/14 ( 2006.01 )  
(43) 06.10.2022  
(62) 2018277973  
(72) Ozawa, Hidero; Hayashi, Hidetoshi  
(74) mdp Patent and Trade Mark Attorneys

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(71) Gliknik Inc.  
(11) AU-A-202224791  
(21) 202224791 (22) 31.08.2022  
(54) Fusion proteins of human protein fragments to create orderly multimerized immunoglobulin Fc compositions with enhanced complement binding  
(51) Int. Cl.  
C07K 16/18 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61P 25/28 ( 2006.01 )  
C07K 16/28 ( 2006.01 )  
C12N 15/09 ( 2006.01 )

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(72) Block, David S.; Olsen, Henrik  
(74) ALLENS PATENT & TRADE MARK  
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(21) 2022231751 (22) 15.09.2022  
(54) DISTRIBUTED SYSTEMS FOR SECURE STORAGE AND RETRIEVAL OF ENCRYPTED BIOLOGICAL SPECIMEN DATA  
(51) Int. Cl.  
G16H 10/60 ( 2018.01 )  
G06Q 20/00 ( 2012.01 )  
(43) 06.10.2022  
(62) 2016355193  
(72) Wall Warner, Amelia; Collins, Mark Anthony  
(74) PHILLIPS ORMONDE FITZPATRICK

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(71) Good Measures, LLC  
(11) AU-A-2022231765  
(21) 2022231765 (22) 16.09.2022  
(54) Systems and methods for user-specific modulation of nutrient intake  
(51) Int. Cl.  
G06F 19/00 ( 2018.01 )  
(43) 06.10.2022  
(62) 2020223691  
(72) BENNETT, George B.; RIES, Daniel R.; SHAHEEN, Stefany A.; CHEN, Chesley M.; STONE, Emily P.; MATHEWS, Robert V.  
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(11) AU-A-2022221387  
(21) 2022221387 (22) 22.08.2022  
(54) FACILITATING END-TO-END COMMUNICATIONS WITH AUTOMATED ASSISTANTS IN MULTIPLE LANGUAGES  
(51) Int. Cl.  
G10L 15/32 ( 2013.01 )  
G10L 15/18 ( 2013.01 )  
G10L 15/28 ( 2013.01 )  
(43) 06.10.2022  
(62) 2021202694  
(72) Niu, Mengmeng; Lei, Jinna; Balani, Nihal Sandeep; Ikeda, Daisuke; Dai, Luna; Vuskovic, Vladimir; Johnson Premkumar, Melvin Jose; Ranjan, Nimesh; Subramanya, Amarnag; Jain, Vibhor; Kuczmarski, James  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2022231671  
(21) 2022231671 (22) 13.09.2022  
(54) Diagnostic for sepsis  
(51) Int. Cl.  
G01N 33/48 ( 2006.01 )  
C12Q 1/68 ( 2018.01 )  
C40B 30/04 ( 2006.01 )  
C40B 40/08 ( 2006.01 )

(43) 06.10.2022  
(62) 2020201564  
(72) HANCOCK, David G.; PENA SER-RATO, Olga M.; HANCOCK, Robert; BOYD, John  
(74) FB Rice Pty Ltd

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(71) HCL Technologies Limited  
(11) AU-A-2022201192  
(21) 2022201192 (22) 22.02.2022  
(54) METHOD AND SYSTEM FOR EVALUATING PERFORMANCE OF DEVELOPERS USING ARTIFICIAL INTELLIGENCE (AI)  
(51) Int. Cl.  
G06Q 10/06 ( 2012.01 )  
G06N 3/08 ( 2006.01 )  
G06N 20/00 ( 2019.01 )  
(31) 17/202,926 (32) 16.03.21 (33) US  
(43) 06.10.2022  
(72) SABHARWAL, Navin; AGRAWAL, Amit  
(74) Patenteur Pty Ltd

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(71) HCL Technologies Limited  
(11) AU-A-2022201193  
(21) 2022201193 (22) 22.02.2022  
(54) SYSTEM AND METHOD FOR DESIGNING ARTIFICIAL INTELLIGENCE (AI) BASED HIERARCHICAL MULTI-CONVERSATION SYSTEM  
(51) Int. Cl.  
G10L 15/22 ( 2006.01 )  
G06F 16/9032 ( 2019.01 )  
G06N 3/08 ( 2006.01 )  
G10L 15/16 ( 2006.01 )  
(31) 17/205,331 (32) 18.03.21 (33) US  
(43) 06.10.2022  
(72) SABHARWAL, Navin; AGRAWAL, Amit  
(74) Patenteur Pty Ltd

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(71) Hitachi Industrial Products, Ltd.  
(11) AU-A-2022200597  
(21) 2022200597 (22) 31.01.2022  
(54) Maintenance device and maintenance method for rotary machine  
(51) Int. Cl.  
B24B 3/60 ( 2006.01 )  
B24B 3/00 ( 2006.01 )  
(31) 2021-042140 (32) 16.03.21 (33) JP  
(43) 06.10.2022  
(72) Tsuchitani, Osamu; Fujii, Katsuhiko; Masaoka, Eiki; Wada, Mayu  
(74) Davies Collision Cave Pty Ltd

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(71) HLZ Limited  
(11) AU-A-2021221389  
(21) 2021221389 (22) 23.08.2021  
(54) A TREE WATERING DEVICE  
(51) Int. Cl.  
A01G 27/00 ( 2006.01 )  
(31) 774200 (32) 22.03.21 (33) NZ  
(43) 06.10.2022  
(72) Hamilton, Brendan Craig  
(74) James & Wells Intellectual Property

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(11) AU-A-2022201513  
(21) 2022201513 (22) 04.03.2022  
(54) Energy harvesting conveyor roller and arrangement  
(51) Int. Cl.  
H02K 1/2786 ( 2022.01 )  
B65G 23/04 ( 2006.01 )  
B65G 39/02 ( 2006.01 )  
H02K 7/18 ( 2006.01 )  
H02K 21/22 ( 2006.01 )  
H02K 47/04 ( 2006.01 )  
B65G 39/08 ( 2006.01 )  
B65G 39/09 ( 2006.01 )  
H02K 11/21 ( 2016.01 )  
H02K 11/24 ( 2016.01 )  
H02P 103/20 ( 2016.01 )  
(31) 2021900820 (32) 20.03.21 (33) AU  
(43) 06.10.2022  
(72) HUMPHREYS, Luke  
(74) Patenteur Pty Ltd
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- (71) ICON Engineering Pty Ltd  
(11) AU-A-2022231678  
(21) 2022231678 (22) 13.09.2022  
(54) RISER TENSION PROTECTOR AND METHOD OF USE THEREOF  
(51) Int. Cl.  
E21B 15/02 ( 2006.01 )  
E21B 17/01 ( 2006.01 )  
E21B 17/10 ( 2006.01 )  
E21B 19/00 ( 2006.01 )  
(43) 06.10.2022  
(62) 2020260478  
(72) PLAIN, Steven  
(74) Integrated IP
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- ImmuNext, Inc. see Amgen, Inc.  
(21) 2022215229
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- Institut National de la Sante et de la Recherche Medicale (INSERM) see Institut Pasteur de Lille  
(21) 2022221438
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- (71) Institut Pasteur de Lille; Institut National de la Sante et de la Recherche Medicale (INSERM)  
(11) AU-A-2022221438  
(21) 2022221438 (22) 24.08.2022  
(54) Mutant bordetella strains and methods for use  
(51) Int. Cl.  
A61K 35/00 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61P 11/00 ( 2006.01 )  
(43) 06.10.2022  
(62) 2017242541  
(72) SOLANS, Luis; LOCHT, Camille; TSI-COPOULOS, Anne; AIT YAHIA SEN-DID, Saliha  
(74) Spruson & Ferguson
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- (71) Intuit Inc.  
(11) AU-A-2022203582  
(21) 2022203582 (22) 01.03.2022
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- (54) Dynamic scheduling system with performance-based access  
(51) Int. Cl.  
G06Q 10/06 ( 2012.01 )  
(31) 17/205,819 (32) 18.03.21 (33) US  
(43) 06.10.2022  
(72) CUARTERO, Jeffrey  
(74) Davies Collison Cave Pty Ltd
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- (71) IP Reserve Pty Ltd  
(11) AU-A-2021221433  
(21) 2021221433 (22) 23.08.2021  
(54) LEVELLING RAMP ASSEMBLY  
(51) Int. Cl.  
B66F 7/24 ( 2006.01 )  
B60T 3/00 ( 2006.01 )  
(31) 2021900827 (32) 22.03.21 (33) AU  
(43) 06.10.2022  
(72) ROBERTS, CHRISTOPHER; JUNG, MAYER  
(74) DAVIS IP PTY LTD
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- (71) i-SENS, Inc.  
(11) AU-A-2022231709  
(21) 2022231709 (22) 14.09.2022  
(54) Continuous glucose monitoring device  
(51) Int. Cl.  
A61B 5/15 ( 2006.01 )  
A61B 5/00 ( 2006.01 )  
A61B 5/145 ( 2006.01 )  
(43) 06.10.2022  
(62) 2019314020  
(72) KANG, Young Jea; WANG, Ji Hoon; RYU, Goang Yel; CHOI, Hyun Ho; CHAE, Kyung Chul  
(74) H & H Lawyers
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- (71) i-SENS, Inc.  
(11) AU-A-2022231710  
(21) 2022231710 (22) 14.09.2022  
(54) Continuous blood glucose measurement body attachment unit  
(51) Int. Cl.  
A61B 5/15 ( 2006.01 )  
A61B 5/00 ( 2006.01 )  
A61B 5/145 ( 2006.01 )  
(43) 06.10.2022  
(62) 2019313135  
(72) WANG, Ji Hoon; CHAE, Kyung Chul; CHOI, Hyun Ho; RYU, Goang Yel; KANG, Young Jea  
(74) H & H Lawyers
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- (71) i-SENS, Inc.  
(11) AU-A-2022231711  
(21) 2022231711 (22) 14.09.2022  
(54) Apparatus for controlling operation of continuous blood glucose tester  
(51) Int. Cl.  
A61B 5/15 ( 2006.01 )  
(43) 06.10.2022  
(62) 2019318970  
(72) PARK, Hyo Seon; LEE, Ha Na; YOU, Choong Beom; LEE, Jin Won  
(74) H & H Lawyers
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- (71) JJS Application Technologies Ltd  
(11) AU-A-2021201761  
(21) 2021201761 (22) 22.03.2021  
(54) Adhesive tape dispenser head  
(51) Int. Cl.  
B65H 35/00 ( 2006.01 )  
B26D 1/40 ( 2006.01 )  
B26D 1/62 ( 2006.01 )  
B26D 7/18 ( 2006.01 )  
B65H 35/08 ( 2006.01 )  
B65H 37/00 ( 2006.01 )  
B26D 1/00 ( 2006.01 )  
(43) 06.10.2022  
(72) VERRALL, Luke  
(74) Adams Pluck
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- (71) JJS Application Technologies Ltd  
(11) AU-A-2021201785  
(21) 2021201785 (22) 22.03.2021  
(54) Adhesive tape dispenser  
(51) Int. Cl.  
B65H 35/00 ( 2006.01 )  
B65H 35/06 ( 2006.01 )  
B65H 37/00 ( 2006.01 )  
B65G 15/28 ( 2006.01 )  
B65G 39/00 ( 2006.01 )  
(43) 06.10.2022  
(72) VERRALL, Luke  
(74) Adams Pluck
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- (71) Johnson & Johnson Vision Care, Inc.  
(11) AU-A-2022228206  
(21) 2022228206 (22) 09.09.2022  
(54) Esters for treatment of ocular inflammatory conditions  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 31/16 ( 2006.01 )  
A61K 31/201 ( 2006.01 )  
A61K 31/202 ( 2006.01 )  
A61K 31/203 ( 2006.01 )  
A61K 31/557 ( 2006.01 )  
A61P 27/02 ( 2006.01 )  
A61P 27/04 ( 2006.01 )  
(43) 06.10.2022  
(62) 2020281097  
(72) GALLOIS, Annabelle; MOLOCK, Frank F.; DAVIS, Carrie L.; LORENZ, Kathy Osborn; CANAVAN, Kristy L.; LU, Fang; YOUNG, James K.  
(74) Spruson & Ferguson
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(11) AU-A-2021201756  
(21) 2021201756 (22) 21.03.2021  
(54) grout cleaning brush  
(51) Int. Cl.  
A46B 13/02 ( 2006.01 )  
A46B 5/00 ( 2006.01 )  
(43) 06.10.2022  
(72) Judd, Aaron  
(74) Aaron judd
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- (71) JUUL Labs, Inc.  
(11) AU-A-2022231692  
(21) 2022231692 (22) 13.09.2022

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(54) On-demand, portable convection vaporizer  
 (51) Int. Cl.  
**A61M 11/04** ( 2006.01 )  
**A24F 47/00** ( 2020.01 )  
 (43) 06.10.2022  
 (62) 2017286681  
 (72) TASCHNER, Matthew J.; GOULD, Alexander J.; HATTON, Nicholas J.; LEON DUQUE, Esteban; ATKINS, Ariel; MONSEES, James; BOWEN, Adam; LOMELI, Kevin; CHRISTENSEN, Steven  
 (74) Spruson & Ferguson

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
 (11) AU-A-2021229178  
 (21) 2021229178 (22) 08.09.2021  
 (54) Information processing apparatus, information processing method, non-transitory computer readable medium, and information processing system  
 (51) Int. Cl.  
**H02J 13/00** ( 2006.01 )  
**H02J 3/32** ( 2006.01 )  
**H02J 3/38** ( 2006.01 )  
 (31) 2021-044050 (32) 17.03.21 (33) JP  
 (43) 06.10.2022  
 (72) Kumazawa, Toshimitsu; Itakura, Akihiro; Yano, Toru; Abe, Takahiko  
 (74) Davies Collison Cave Pty Ltd

(71) Kabushiki Kaisha Toshiba  
 (11) AU-A-2022201214  
 (21) 2022201214 (22) 22.02.2022  
 (54) CARBON DIOXIDE ELECTROLYSIS DEVICE  
 (51) Int. Cl.  
**C25B 9/19** ( 2021.01 )  
**C25B 1/23** ( 2021.01 )  
**C25B 3/26** ( 2021.01 )  
**C25B 13/02** ( 2006.01 )  
 (31) 2021-044819 (32) 18.03.21 (33) JP  
 (43) 06.10.2022  
 (72) KOFUJI, Yusuke; ONO, Akihiko; KITAGAWA, Ryota; MIKOSHIBA, Satoshi  
 (74) Griffith Hack

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 (11) AU-A-2022201562  
 (21) 2022201562 (22) 07.03.2022  
 (54) Exhaust gas purifier  
 (51) Int. Cl.  
**F01N 3/20** ( 2006.01 )  
**B01D 53/56** ( 2006.01 )  
**F02D 41/02** ( 2006.01 )  
**F02D 41/18** ( 2006.01 )  
 (31) 2021-042451 (32) 16.03.21 (33) JP  
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 (72) NONOMURA, Hitoshi  
 (74) Griffith Hack

(71) Kellogg Brown & Root LLC  
 (11) AU-A-2022231698  
 (21) 2022231698 (22) 13.09.2022

(54) Marine vessel comprising LG handling system  
 (51) Int. Cl.  
**B63B 25/16** ( 2006.01 )  
**F17C 1/00** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2020207859  
 (72) ANDRÉ, David; JOELSSON, Emma  
 (74) Spruson & Ferguson

(71) Khalid, W.  
 (11) AU-A-2022231654  
 (21) 2022231654 (22) 12.09.2022  
 (54) Nanostructure array based sensors for electrochemical sensing, capacitive sensing and field-emission sensing  
 (51) Int. Cl.  
**B82Y 25/00** ( 2011.01 )  
**B81C 1/00** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**G11C 5/10** ( 2006.01 )  
**H01G 4/30** ( 2006.01 )  
**H01L 23/52** ( 2006.01 )  
**H05K 3/46** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017244132  
 (72) Khalid, Waqas  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) KILCOY PASTORAL COMPANY LIMITED  
 (11) AU-A-2021221554  
 (21) 2021221554 (22) 24.08.2021  
 (54) PACKAGING COMPLIANCE METHOD  
 (51) Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
**A22C 17/00** ( 2006.01 )  
**G06K 19/06** ( 2006.01 )  
**G06K 19/07** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
**G06T 7/00** ( 2017.01 )  
 (31) 2021900779 (32) 17.03.21 (33) AU  
 (43) 06.10.2022  
 (72) ADLER, NIGEL; TEALE, JARROD  
 (74) DAVIS IP PTY LTD

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 (21) 2022231653

(71) Linch-pin Enterprises Pty Ltd  
 (11) AU-A-2021202442  
 (21) 2021202442 (22) 21.04.2021  
 (54) Gravity-Based Structure For Off-Shore Structures  
 (51) Int. Cl.  
**E02B 17/02** ( 2006.01 )  
**B63B 77/10** ( 2020.01 )  
**E02D 27/06** ( 2006.01 )  
**F03D 13/20** ( 2016.01 )  
**F03D 13/25** ( 2016.01 )  
**B63B 35/44** ( 2006.01 )  
**E02B 17/00** ( 2006.01 )  
**E02D 23/02** ( 2006.01 )  
**E02D 27/42** ( 2006.01 )

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 (72) Wilson, Brett; O'Keefe, Nicholas  
 (74) WRAYS PTY LTD

(71) Lippert Components, Inc.  
 (11) AU-A-2022201496  
 (21) 2022201496 (22) 03.03.2022  
 (54) STABILIZING JACK  
 (51) Int. Cl.  
**B66F 3/44** ( 2006.01 )  
**B60S 9/02** ( 2006.01 )  
**B66F 3/10** ( 2006.01 )  
**B66F 11/04** ( 2006.01 )  
 (31) 63/163,439 (32) 19.03.21 (33) US  
 63/210,310 14.06.21 US  
 (43) 06.10.2022  
 (72) Nebel, Michael  
 (74) IP Guardian

(71) LivePerson, Inc.  
 (11) AU-A-2022231728  
 (21) 2022231728 (22) 15.09.2022  
 (54) Automatic bot creation based on scripts  
 (51) Int. Cl.  
**H04L 51/063** ( 2022.01 )  
 (43) 06.10.2022  
 (62) 2019380324  
 (72) CHITTARI, Ravikiran; PRIYADARSHAN, Eswar; LOCASCIO, Robert; ALTSCHULER, Jonathan; RAMAKRISHNAIAH, Suresh; WIN, Htet; HE, Chuqing; DUNN, Matthew  
 (74) Spruson & Ferguson

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**B66F 9/075** ( 2006.01 )  
**B32B 15/09** ( 2006.01 )  
**B32B 15/095** ( 2006.01 )  
**B32B 17/10** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
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**B32B 27/40** ( 2006.01 )  
**B60R 21/11** ( 2006.01 )  
**B62D 33/06** ( 2006.01 )  
**B66F 9/06** ( 2006.01 )  
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**A61K 38/48** ( 2006.01 )  
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*A61K 35/30* ( 2015.01 )  
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*G01N 35/02* ( 2006.01 )  
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- (71) Neuroceuticals Inc.  
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 (72) SUZUKI, Yutaka; MIIKE, Shinya  
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**G01G 19/12** ( 2006.01 )  
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**G01G 23/37** ( 2006.01 )  
**G06Q 10/00** ( 2012.01 )  
**G06Q 50/02** ( 2012.01 )  
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 (54) RELAY DEVICE, FACILITY APPARATUS AND FACILITY APPARATUS SYSTEM INCLUDING SAME  
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**H04L 43/0823** ( 2022.01 )  
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**H04L 67/025** ( 2022.01 )  
**H04L 67/125** ( 2022.01 )  
**H04Q 9/02** ( 2006.01 )  
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**A61K 31/454** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**A61B 5/00** ( 2006.01 )  
**A61B 1/227** ( 2006.01 )  
**G06N 7/02** ( 2006.01 )  
**G06V 10/70** ( 2022.01 )  
**G06V 10/74** ( 2022.01 )  
**G16H 30/00** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**G16H 70/60** ( 2018.01 )  
 G06T 7/00 ( 2017.01 )  
 G06V 10/764 ( 2022.01 )  
 G06V 10/82 ( 2022.01 )  
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(71) Oji Fibre Solutions (NZ) Limited

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**B65D 5/30** ( 2006.01 )  
**B65D 43/08** ( 2006.01 )  
**B65D 85/32** ( 2006.01 )  
**B65D 5/00** ( 2006.01 )  
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 (54) Tracked all-terrain vehicle  
 (51) Int. Cl.  
**B60K 11/04** ( 2006.01 )  
**B60F 3/00** ( 2006.01 )  
**B60K 13/06** ( 2006.01 )  
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**H01M 50/136** ( 2021.01 )  
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**H02J 7/00** ( 2006.01 )  
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*H01M 10/6555* ( 2014.01 )  
*H01M 10/613* ( 2014.01 )  
*H01M 10/6551* ( 2014.01 )  
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 (54) Sound management method and system  
 (51) Int. Cl.  
*H03G 3/32* ( 2006.01 )  
*G10L 21/0364* ( 2013.01 )  
*H04R 3/12* ( 2006.01 )  
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 (74) Duncan Bucknell Company Pty Ltd

(71) Rancilio Group S.p.A.  
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 (54) Bunny Race Egg Hunt Board Game  
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 (51) Int. Cl.  
*C09K 8/80* ( 2006.01 )  
*C09K 8/03* ( 2006.01 )  
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 (54) INSULATION MATERIAL ARRANGEMENT AND METHOD FOR FORMING AN INSULATION MATERIAL  
 (51) Int. Cl.  
*E04B 1/76* ( 2006.01 )  
*B32B 27/40* ( 2006.01 )  
*C09K 5/02* ( 2006.01 )  
*C09K 5/06* ( 2006.01 )  
*F16L 59/02* ( 2006.01 )  
*F28D 20/02* ( 2006.01 )  
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 (72) SCHMETZER, Brett Anthony; SCHMETZER, Steven John  
 (74) Adams Pluck

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 (54) SYSTEMS AND METHODS FOR OPTIMIZING WAVEFORM CAPTURE COMPRESSION AND CHARACTERIZATION  
 (51) Int. Cl.  
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*G01D 4/00* ( 2006.01 )  
*G01R 19/25* ( 2006.01 )  
*G06F 16/11* ( 2019.01 )  
*G06F 16/23* ( 2019.01 )  
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 (54) DOSING COMBINATIONS FOR REDUCING UNDESIRE HUMORAL IMMUNE RESPONSES  
 (51) Int. Cl.  
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*A61K 31/445* ( 2006.01 )  
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 (72) Maldonado, Roberto A.; Kishimoto, Takashi Kei  
 (74) Pizzey Patent and Trade Mark Attorneys Pty Ltd

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 (54) Methods, apparatuses, devices and storage medium for predicting correlation between objects  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*A63F 1/00* ( 2006.01 )  
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(71) SenseTime International Pte. Ltd.  
 (11) AU-A-2021204584  
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 (54) Methods, apparatuses, devices and storage media for detecting correlated objects involved in image  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*A63F 1/00* ( 2006.01 )  
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 (74) Madderns Pty Ltd

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 (21) 2021393852

(71) Silixa Ltd.  
 (11) AU-A-2022231723  
 (21) 2022231723 (22) 15.09.2022  
 (54) Method and system for downhole object location and orientation determination  
 (51) Int. Cl.  
*G01V 11/00* ( 2006.01 )  
*E21B 47/022* ( 2012.01 )  
*G01V 1/44* ( 2006.01 )

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 A23P 10/00 ( 2016.01 )  
 A23L 11/50 ( 2021.01 )  
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 (11) AU-A-2021201725  
 (21) 2021201725 (22) 18.03.2021  
 (54) FULLY EMBEDDED NODE FOR EXTENDING THE LIFE OF POLYURETHANE USED IN RESTORING SHOES  
 (51) Int. Cl.  
 A43C 13/00 ( 2006.01 )  
 A43B 13/04 ( 2006.01 )  
 A43B 21/20 ( 2006.01 )  
 (43) 06.10.2022  
 (72) Somers, Ronald Lawrence  
 (74) Ronald Lawrence Somers

(71) Sony Corporation  
 (11) AU-A-2022228212  
 (21) 2022228212 (22) 09.09.2022  
 (54) Information processing apparatus, information processing method, and program  
 (51) Int. Cl.  
 G06T 11/80 ( 2006.01 )  
 G06T 1/00 ( 2006.01 )  
 G06T 3/00 ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2019313802  
 (72) HOKIMOTO, Akihiro; KOBAYASHI, Hiroyuki  
 (74) Griffith Hack

(71) Spookfish Innovations Pty Ltd  
 (11) AU-A-2022231762  
 (21) 2022231762 (22) 15.09.2022  
 (54) A BUNDLE ADJUSTMENT SYSTEM  
 (51) Int. Cl.  
 H04N 5/232 ( 2006.01 )  
 G01C 11/02 ( 2006.01 )  
 G02B 27/64 ( 2006.01 )  
 G03B 15/00 ( 2021.01 )  
 G06T 7/55 ( 2017.01 )  
 G06T 7/70 ( 2017.01 )

(43) 06.10.2022  
 (62) 2017344762  
 (72) Cope, Simon  
 (74) Griffith Hack

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(71) Squall E.M.T Ltd.  
 (11) AU-A-2021201758  
 (21) 2021201758 (22) 22.03.2021  
 (54) NON-ELECTRIC MULTI-CHANNEL VALVE FOR AQUEOUS LIQUIDS, VA-POR OR GAS  
 (51) Int. Cl.  
 F16K 31/524 ( 2006.01 )  
 F16K 11/16 ( 2006.01 )  
 F16K 31/16 ( 2006.01 )  
 F16K 27/02 ( 2006.01 )  
 (43) 06.10.2022  
 (61) 2019263781  
 (72) ALALI, Etai; RUBIN, Tamir  
 (74) Pipers Intellectual Property

**State Grid Corporation of China see State Grid East Inner Mongolia Electric Power Research Institute**  
 (21) 2021273585

(71) State Grid East Inner Mongolia Electric Power Research Institute; State Grid Corporation of China  
 (11) AU-A-2021273585  
 (21) 2021273585 (22) 26.10.2021  
 (54) Method for calculating geomagnetically induced current-reactive power (GIC-Q) disturbance based on apparatus for monitoring a GIC  
 (51) Int. Cl.  
 H02H 7/04 ( 2006.01 )  
 (31) 202110289341.5 (32) 18.03.21 (33) CN  
 (43) 06.10.2022  
 (72) SHI, Haipeng; GAO, Chunhui; DIAO, Fengxin; GAO, He; SUN, Rui; YAN, Sitong; JIANG, Nan; ZHOU, Lichao; ZHANG, Qianran; WANG, Xiufeng; CHEN, Xu; DAI, Chen; ZHANG, Zhe; SHI, Wenxin; WANG, Peng  
 (74) Madderns Pty Ltd

(71) Stonelake Pty. Ltd.  
 (11) AU-A-2022228219  
 (21) 2022228219 (22) 09.09.2022  
 (54) An elongate structural element, a bracket and an elongate structural section  
 (51) Int. Cl.  
 E04C 3/04 ( 2006.01 )  
 B25B 5/14 ( 2006.01 )  
 E04B 2/58 ( 2006.01 )  
 E04C 3/32 ( 2006.01 )  
 E04G 5/06 ( 2006.01 )  
 E04G 7/04 ( 2006.01 )  
 F16B 7/04 ( 2006.01 )  
 F16B 9/00 ( 2006.01 )  
 F16L 3/08 ( 2006.01 )  
 F16L 3/12 ( 2006.01 )

(43) 06.10.2022  
 (62) 2021203737  
 (72) LAKE, Maurice Edward  
 (74) Spruson & Ferguson

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(71) SunBio Inc.  
 (11) AU-A-2022211852  
 (21) 2022211852 (22) 21.03.2022  
 (54) Oral rinse compositions for alleviating xerostomia comprising polyethylene glycol derivatives  
 (51) Int. Cl.  
 A61K 8/49 ( 2006.01 )  
 A61K 8/02 ( 2006.01 )  
 A61Q 11/00 ( 2006.01 )  
 (31) 17/208,075 (32) 22.03.21 (33) US  
 (43) 06.10.2022  
 (72) NHO, Kwang; AHN, Minjung; SOHN, Byunghee; HWANG, Seongu; KIM, Donghwa  
 (74) WRAYS PTY LTD

(71) Tempo Therapeutics, Inc.  
 (11) AU-A-2022231701  
 (21) 2022231701 (22) 14.09.2022  
 (54) Methods and systems for treating a site of a medical implant  
 (51) Int. Cl.  
 A61L 27/14 ( 2006.01 )  
 A61L 27/54 ( 2006.01 )  
 A61L 27/56 ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017394923  
 (72) Timko, Samuel; Weaver, Westbrook; Deshayes, Stephanie  
 (74) FB Rice Pty Ltd

(71) Tenaya Therapeutics, Inc.  
 (11) AU-A-2022231649  
 (21) 2022231649 (22) 12.09.2022  
 (54) Cardiac cell reprogramming with myocardin and ASCL1  
 (51) Int. Cl.  
 C12N 15/864 ( 2006.01 )  
 A61K 38/18 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
 C12N 5/071 ( 2010.01 )  
 C12N 5/074 ( 2010.01 )  
 (43) 06.10.2022  
 (62) 2019333315  
 (72) ZHOU, Huanyu; LOMBARDI, Laura  
 (74) Davies Collison Cave Pty Ltd

(71) Teva Pharmaceuticals International GmbH  
 (11) AU-A-2022206792  
 (21) 2022206792 (22) 21.07.2022  
 (54) Treating refractory migraine  
 (51) Int. Cl.  
 C07K 16/18 ( 2006.01 )  
 A61P 25/06 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017331593  
 (72) Bigal, Marcelo; Aycardi, Ernesto  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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- (71) The Banktech Group Pty Ltd  
 (11) AU-A-2021201641  
 (21) 2021201641 (22) 16.03.2021  
 (54) CASH DONATION SYSTEM AND METHOD  
 (51) Int. Cl.  
*G06Q 20/10* ( 2012.01 )  
*G06Q 40/02* ( 2012.01 )  
*G07F 19/00* ( 2006.01 )  
 (43) 06.10.2022  
 (72) Glen, David  
 (74) Gestalt Law Pty Ltd
- 
- (71) The Chinese University of Hong Kong  
 (11) AU-A-2022231719  
 (21) 2022231719 (22) 14.09.2022  
 (54) Determination of base modifications of nucleic acids  
 (51) Int. Cl.  
*C12Q 1/6869* ( 2018.01 )  
*C12N 15/11* ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2022202791  
 (72) CHENG, Suk Hang; TSE, On Yee; PENG, Wenlei; JIANG, Peiyong; CHAN, Kwan Chee; CHIU, Rossa Wai Kwun; LO, Yuk-Ming Dennis  
 (74) Griffith Hack
- 
- (71) Thermatool Corp.  
 (11) AU-A-2022228217  
 (21) 2022228217 (22) 09.09.2022  
 (54) High frequency power supply system with closely regulated output for heating a workpiece  
 (51) Int. Cl.  
*H05B 6/06* ( 2006.01 )  
*B23K 13/01* ( 2006.01 )  
*H02M 7/12* ( 2006.01 )  
*H05B 6/10* ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2016379392  
 (72) Ignatowski, Thomas G.; Nallen, Michael A.; Frame, Lesley D.  
 (74) Minter Ellison
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- (71) The United States of America, as represented by The Secretary, Department of Health and Human Services; Kite Pharma, Inc.  
 (11) AU-A-2022231653  
 (21) 2022231653 (22) 12.09.2022  
 (54) DIAGNOSTIC METHODS FOR T CELL THERAPY  
 (51) Int. Cl.  
*A61K 35/17* ( 2015.01 )  
*A61K 38/20* ( 2006.01 )  
*C12N 5/0783* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
*C12N 15/19* ( 2006.01 )  
*C12N 15/24* ( 2006.01 )
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- (43) 06.10.2022  
 (62) 2016268863  
 (72) Go, William; Kochenderfer, James N.; Rosenberg, Steven A.; Jain, Rajul; Bot, Adrian; Wiezorek, Jeffrey S.  
 (74) AJ PARK
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- The University of Melbourne see Zoetis Services LLC**  
 (21) 2022231761
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- (71) The University of North Carolina at Chapel Hill  
 (11) AU-A-2022231716  
 (21) 2022231716 (22) 14.09.2022  
 (54) Nitric oxide-releasing alginates as biodegradable antibacterial scaffolds and methods pertaining thereto  
 (51) Int. Cl.  
*C08B 37/04* ( 2006.01 )  
*A61K 47/60* ( 2017.01 )  
*C08L 5/04* ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2018205823  
 (72) SCHOENFISCH, Mark H.; AHONEN, Mona Jasmine R.; SUCHYTA, Dakota J.; ROUILLARD, Kaitlyn Rose  
 (74) Spruson & Ferguson
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- (71) Tiger Tool International Incorporated  
 (11) AU-A-2022201899  
 (21) 2022201899 (22) 18.03.2022  
 (54) SYSTEMS AND METHODS FOR INSERTING AND REMOVING BUSHING ASSEMBLIES  
 (51) Int. Cl.  
*B25B 27/06* ( 2006.01 )  
*F16C 43/02* ( 2006.01 )  
 (31) 63/163,627 (32) 19.03.21 (33) US  
 17/412,826 26.08.21 US  
 (43) 06.10.2022  
 (72) Andrews, Michael  
 (74) Phillips Ormonde Fitzpatrick
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- (71) Tissuegen, Inc.  
 (11) AU-A-2022231694  
 (21) 2022231694 (22) 13.09.2022  
 (54) Methods and compositions for maintaining the conformation and structural integrity of biomolecules  
 (51) Int. Cl.  
*A61K 9/16* ( 2006.01 )  
*A61K 9/50* ( 2006.01 )  
*A61K 38/43* ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2017300392  
 (72) Griffin, Nickolas B.; Hubbard, Paul A.; Sood, Paul R.; Patel, Alpeshkumar P.; Crow, Brent B.; Nelson, Kevin D.; Lynn Seifert, Jennifer  
 (74) FB Rice Pty Ltd
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- (71) Tobikov, R.; Shuba, D.  
 (11) AU-A-2021393852  
 (21) 2021393852 (22) 20.09.2021  
 (54) Vehicle differential locking device
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- (51) Int. Cl.  
*F16H 48/20* ( 2012.01 )  
 (31) 2021107252 (32) 19.03.21 (33) RU  
 (43) 06.10.2022  
 (72) TOBIKOV, Roman; SHUBA, Denis  
 (74) Churchill Attorneys
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- (71) TODOC Co., Ltd.  
 (11) AU-A-2022201436  
 (21) 2022201436 (22) 02.03.2022  
 (54) Device for transmitting data between coils and data reading method  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
*G01L 21/08* ( 2006.01 )  
*H04B 13/00* ( 2006.01 )  
 (31) 10-2021-0036047 (32) 19.03.21 (33) KR  
 (43) 06.10.2022  
 (72) PARK, Jong Hyeok; LEE, Ho Seung; KIM, Doo Hee  
 (74) Griffith Hack
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- (71) TODOC Co., Ltd.  
 (11) AU-A-2022201438  
 (21) 2022201438 (22) 02.03.2022  
 (54) Data synchronization device and method  
 (51) Int. Cl.  
*H04L 7/027* ( 2006.01 )  
*H04J 3/06* ( 2006.01 )  
 (31) 10-2021-0036048 (32) 19.03.21 (33) KR  
 (43) 06.10.2022  
 (72) PARK, Jong Hyeok; LEE, Ho Seung; KIM, Doo Hee  
 (74) Griffith Hack
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- (71) Toro Australia Pty Limited  
 (11) AU-A-2021221678  
 (21) 2021221678 (22) 25.08.2021  
 (54) SPRINKLER RISER TOOL  
 (51) Int. Cl.  
*B66F 15/00* ( 2006.01 )  
*A01G 25/00* ( 2006.01 )  
*B05B 15/68* ( 2018.01 )  
 (43) 06.10.2022  
 (72) Marasigan, Pamela; Summers, Michael Thomas  
 (74) Madderns Pty Ltd
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- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
 (21) 2021229178
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- (71) Transportation IP Holdings, LLC  
 (11) AU-A-2022231769  
 (21) 2022231769 (22) 16.09.2022  
 (54) ENGINE MIXING STRUCTURES  
 (51) Int. Cl.  
*B01F 23/00* ( 2022.01 )  
*B01F 25/00* ( 2022.01 )  
*F02B 3/06* ( 2006.01 )  
*F02B 23/06* ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2021201025  
 (72) Gubba, Sreenivasa Rao; Tamma, Bhaskar; Salazar, Victor Manuel; Klingbell,

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Adam Edgar; Lavertu, Thomas Michael;  
Primus, Roy James; Dowell, John;  
Bailey, Kevin; McElhaney, Kevin  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** Trisco ICAP Pty Ltd  
**(11)** AU-A-2022228203  
**(21)** 2022228203 **(22)** 09.09.2022  
**(54)** Storage and delivery system  
**(51)** Int. Cl.  
**A23L 29/20** ( 2016.01 )  
**B65D 25/38** ( 2006.01 )  
**B65D 47/34** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2017325108  
**(72)** Tristram, Michael; Skarshewski, Peter;  
Tristram, Ian; Mossel, Brenda  
**(74)** FB Rice Pty Ltd

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**(71)** TTE Nominees Pty Ltd  
**(11)** AU-A-2022231663  
**(21)** 2022231663 **(22)** 12.09.2022  
**(54)** A system and a method for processing  
a request about a physical location for a  
building item or building infrastructure  
**(51)** Int. Cl.  
**G06F 16/00** ( 2019.01 )  
**G01C 21/00** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2020205229  
**(72)** O'KANE, Diarmuid  
**(74)** Spruson & Ferguson

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**(71)** Twist Bioscience Corporation  
**(11)** AU-A-2022231730  
**(21)** 2022231730 **(22)** 15.09.2022  
**(54)** Variant libraries of the immunological  
synapse and synthesis thereof  
**(51)** Int. Cl.  
**C12N 15/09** ( 2006.01 )  
**A61K 35/12** ( 2015.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2017378492  
**(72)** COX, Anthony; CHEN, Siyuan  
**(74)** FB Rice Pty Ltd

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**(71)** Tyto Care Ltd.  
**(11)** AU-A-2022231729  
**(21)** 2022231729 **(22)** 15.09.2022  
**(54)** A user interface for navigating through  
physiological data  
**(51)** Int. Cl.  
**G16H 10/60** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**(43)** 06.10.2022  
**(62)** 2017263802  
**(72)** Lachmanovich, Elad; Danon, Dov;  
Baum, Eyal; Gilad-Gilor, David; Bych-  
kov, Eyal; Dubin, Uri  
**(74)** Davies Collison Cave Pty Ltd

**(71)** USA Industries, LLC  
**(11)** AU-A-2022231741  
**(21)** 2022231741 **(22)** 15.09.2022  
**(54)** Gripping apparatus and devices for  
plugging of pipes, orifices or connecting  
**(51)** Int. Cl.  
**F16L 55/1645** ( 2006.01 )  
**F16L 55/11** ( 2006.01 )  
**F16L 55/128** ( 2006.01 )  
**F16L 55/132** ( 2006.01 )  
**F16L 55/179** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2018392008  
**(72)** SUE, Tracy; SUE, Casey; SALLEE,  
Richard  
**(74)** Spruson & Ferguson

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**(71)** USA Industries, LLC  
**(11)** AU-A-2022231742  
**(21)** 2022231742 **(22)** 15.09.2022  
**(54)** Gripping apparatus and devices for  
plugging of pipes, orifices or connecting  
**(51)** Int. Cl.  
**F16L 55/1645** ( 2006.01 )  
**F16L 55/11** ( 2006.01 )  
**F16L 55/128** ( 2006.01 )  
**F16L 55/132** ( 2006.01 )  
**F16L 55/179** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2018392008  
**(72)** SUE, Tracy; SUE, Casey; SALLEE,  
Richard  
**(74)** Spruson & Ferguson

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**(71)** Vertex Pharmaceuticals Incorporated  
**(11)** AU-A-2022231721  
**(21)** 2022231721 **(22)** 15.09.2022  
**(54)** MACROCYCLES AS MODULATORS  
OF CYSTIC FIBROSIS TRANSMEM-  
BRANE CONDUCTANCE REGULAT-  
OR, PHARMACEUTICAL COMPOS-  
ITIONS THEREOF, THEIR USE IN THE  
TREATMENT OF CYSTIC FIBROSIS,  
AND PROCESS FOR MAKING THEM  
**(51)** Int. Cl.  
**C07D 513/22** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**C07D 515/22** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2019222758  
**(72)** CLEMENS, Jeremy J.; ANDERSON,  
Corey Don; BUSCH, Brett B.; CLEV-  
ELAND, Thomas; COON, Timothy  
Richard; FRIEMAN, Bryan; GHIRMAI,  
Senait G.; GROOTENHUIS, Peter;  
GULEVICH, Anton V.; HADIDA RU-  
AH, Sara Sabina; MCCARTNEY,  
Jason; HSIA, Clara Kuang-Ju; KANG,  
Ping; KHATUYA, Haripada; MILLER,  
Mark Thomas; PARASELLI, Prasuna;  
PIERRE, Fabrice; SWIFT, Sara E.;  
TERMIN, Andreas; UY, Johnny; VO-  
GEL, Carl V.; CHEN, Weichao George;  
ZHOU, Jinglan; ABELA, Alexander  
Russell  
**(74)** AJ PARK

**(71)** View, Inc.  
**(11)** AU-A-2022231771  
**(21)** 2022231771 **(22)** 16.09.2022  
**(54)** Controlling optically-switchable devices  
**(51)** Int. Cl.  
**G06F 3/01** ( 2006.01 )  
**G02F 1/163** ( 2006.01 )  
**G06F 3/00** ( 2006.01 )  
**G06F 3/16** ( 2006.01 )  
**G06F 21/32** ( 2013.01 )  
**G10L 15/26** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2017257789  
**(72)** SHRIVASTAVA, Dhairya; MENDEN-  
HALL, Mark D.  
**(74)** Spruson & Ferguson

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**(71)** Vorwerk & Co. Interholding GmbH  
**(11)** AU-A-2022200904  
**(21)** 2022200904 **(22)** 11.02.2022  
**(54)** SYSTEM AND METHOD FOR AD-  
JUSTING THE DEPTH OF PARALLEL-  
IZATION FOR RECIPE PROGRAM EX-  
ECUTION  
**(51)** Int. Cl.  
**G06F 9/28** ( 2006.01 )  
**A47J 27/00** ( 2006.01 )  
**A47J 36/32** ( 2006.01 )  
**G06Q 10/06** ( 2012.01 )  
**(31)** 21162909 **(32)** 16.03.21 **(33)** EP  
**(43)** 06.10.2022  
**(72)** Kraut-Reinkober, Stefan; Rodriguez,  
Beatriz; Teeffelen, Niklas van  
**(74)** Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd

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**(71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2022231774  
**(21)** 2022231774 **(22)** 16.09.2022  
**(54)** Balloon catheters, systems and meth-  
ods  
**(51)** Int. Cl.  
**A61F 2/958** ( 2013.01 )  
**A61M 25/10** ( 2013.01 )  
**(43)** 06.10.2022  
**(62)** 2019261353  
**(72)** HYZIN, Christopher; BRUCHMAN,  
Richard M.; RITTGERS, Mark A.; BO-  
HN, Jane K.  
**(74)** Griffith Hack

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**(71)** Whitehead Institute for Biomedical Re-  
search  
**(11)** AU-A-2022231702  
**(21)** 2022231702 **(22)** 14.09.2022  
**(54)** Protein modification of living cells using  
sortase  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C12N 9/48** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**(43)** 06.10.2022  
**(62)** 2020200962  
**(72)** Swee, Lee Kim; Ploegh, Hidde L.  
**(74)** FPA Patent Attorneys Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Yuan-Mei Corp.  
 (11) AU-A-2021202771  
 (21) 2021202771 (22) 03.05.2021  
 (54) Sprayer For Mixed Solution and Clear Water  
 (51) Int. Cl.  
     **B05B 7/26** ( 2006.01 )  
     **B05B 1/02** ( 2006.01 )  
     **B05B 7/04** ( 2006.01 )  
     **B05B 11/00** ( 2006.01 )  
 (31) 110109555 (32) 17.03.21 (33) TW  
 (43) 06.10.2022  
 (72) LO, Nan-Shun  
 (74) A.P.T. Patent and Trade Mark Attorneys

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(71) Yuan-Mei Corp.  
 (11) AU-A-2021202772  
 (21) 2021202772 (22) 03.05.2021  
 (54) Sprayer Able to Adjust Flow of Mixed Solution and Clear Water  
 (51) Int. Cl.  
     **B05B 7/26** ( 2006.01 )  
     **B05B 1/02** ( 2006.01 )  
     **B05B 7/04** ( 2006.01 )  
     **B05B 11/00** ( 2006.01 )  
 (31) 110109556 (32) 17.03.21 (33) TW  
 (43) 06.10.2022  
 (72) LO, Shun-Nan  
 (74) A.P.T. Patent and Trade Mark Attorneys

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(71) Zoetis Services LLC; The University of Melbourne  
 (11) AU-A-2022231761  
 (21) 2022231761 (22) 15.09.2022  
 (54) Mycoplasma bovis compositions  
 (51) Int. Cl.  
     **A61K 39/02** ( 2006.01 )  
     **A01H 1/06** ( 2006.01 )  
 (43) 06.10.2022  
 (62) 2016307935  
 (72) BROWNING, Glenn Francis; MARKHAM, Philip Francis; MARENDA, Marc Serge; WEBER, Fred H.; MAHAN, Suman  
 (74) Davies Collison Cave Pty Ltd

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| 2021201662 | Cleyne, S.M.; Cleyne, M.L.  | 2022218583 | AlaMab Therapeutics, Inc.   |
| 2021201691 | Robinson, M.  | 2022221379 | Angel Group Co., Ltd.   |
| 2021201725 | Somers, R.; Somers, S.  | 2022221383 | Nicira, Inc.  |
| 2021201756 | judd, A.  | 2022221387 | Google LLC  |
| 2021201758 | Squall E.M.T Ltd.   | 2022221388 | Forescout Technologies, Inc.  |
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| 2021201785 | JJS Application Technologies Ltd  | 2022221434 | Aebi Ltd.   |
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| 2021202771 | Yuan-Mei Corp.  |            | NEXUS MINE PTY LTD  |
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| 2021221433 | IP Reserve Pty Ltd  | 2022224791 | Deep Isolation, Inc.  |
| 2021221446 | Eye Pee Pty Ltd   | 2022224850 | Adionics  |
| 2021221541 | Future Fuels CRC Ltd  | 2022228159 | QSIC Pty Ltd  |
| 2021221554 | KILCOY PASTORAL COMPANY LIMITED   | 2022228169 | Aloxitec Pty Ltd.   |
| 2021221678 | Toro Australia Pty Limited  | 2022228197 | B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  |
| 2021221717 | Austworld Commodities Pty Ltd   | 2022228201 | AeroVironment, Inc.   |
| 2021229178 | Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation                          | 2022228202 | Trisco ICAP Pty Ltd   |
| 2021273585 | State Grid East Inner Mongolia Electric Power Research Institute; State Grid Corporation of China | 2022228203 | Apple Inc.  |
|            | Tobikov, R.; Shuba, D.  | 2022228204 | Alcolizer Pty Ltd   |
| 2021393852 | Hitachi Industrial Products, Ltd.   | 2022228205 | Johnson & Johnson Vision Care, Inc.   |
| 2022200597 | Prologium Technology Co., Ltd.; Prologium Holding Inc.  | 2022228206 | Canon Kabushiki Kaisha  |
| 2022200882 | Vorwerk & Co. Interholding GmbH   | 2022228209 | Sony Corporation  |
| 2022200904 | Prologium Technology Co., Ltd.; Prologium Holding Inc.  | 2022228212 | Canon Kabushiki Kaisha  |
| 2022200955 | Deere & Company   | 2022228215 | Memorial Sloan-Kettering Cancer Center  |
| 2022200957 | HCL Technologies Limited  | 2022228216 | Thermatool Corp.  |
| 2022201192 | HCL Technologies Limited  | 2022228217 | Stonelake Pty. Ltd.   |
| 2022201193 | Kabushiki Kaisha Toshiba  | 2022228219 | Orison Inc.   |
| 2022201214 | METROMAX AMERICA CORPORATION  | 2022228221 | Schmetzer Industries Holdings Pty Ltd   |
| 2022201276 | Manitou Italia S.r.l.   | 2022228226 | B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  |
| 2022201345 | NORITZ CORPORATION  | 2022228227 | B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  |
| 2022201402 | TODOC Co., Ltd.   | 2022228228 | B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  |
| 2022201436 | TODOC Co., Ltd.   | 2022228372 | B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  |
| 2022201438 | Lippert Components, Inc.  | 2022229691 | Arrinex, Inc.   |
| 2022201496 | HUMPHREYS, L.   | 2022231648 | Tenaya Therapeutics, Inc.   |
| 2022201513 | Beijing Tusen Zhitu Technology Co., Ltd.  | 2022231649 | The United States of America, as represented by The Secretary, Department of Health and Human Services; Kite Pharma, Inc. |
| 2022201560 | KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  | 2022231653 | Khalid, W.  |
| 2022201631 | Rheinmetall Landsysteme GmbH  | 2022231654 | Schlumberger Technology B.V.  |
| 2022201727 | OVIVO INC.  | 2022231655 | Arkema France   |
| 2022201728 | EveryPoint, Inc.  | 2022231656 | Polaris Industries Inc.   |
| 2022201746 | Oji Fibre Solutions (NZ) Limited  | 2022231658 | TTE Nominees Pty Ltd  |
| 2022201802 | Aristocrat Technologies, Inc.   | 2022231663 | Akston Biosciences Corporation  |
| 2022201803 | Aristocrat Technologies, Inc.   | 2022231665 | Novartis AG   |
| 2022201804 | Aristocrat Technologies, Inc.   | 2022231670 | Hancock, R.E.   |
| 2022201822 | Aristocrat Technologies, Inc.   | 2022231671 | Estetra SRL   |
| 2022201828 | Skolnik, M.   | 2022231672 | Commonwealth Scientific and Industrial Research Organisation  |
| 2022201841 | MONSTERS ALIENS ROBOTS ZOMBIES INC.   | 2022231675 | Bonti, Inc.   |
| 2022201870 | Accenture Global Solutions Limited  | 2022231676 | ICON Engineering Pty Ltd  |
| 2022201871 | Accenture Global Solutions Limited  | 2022231678 | Cibus Europe B.V.   |
| 2022201892 | Aristocrat Technologies, Inc.   | 2022231679 | Neuroceuticals Inc.   |
| 2022201896 | Aristocrat Technologies, Inc.   | 2022231682 | MineRP IP Inc.  |
| 2022201899 | Tiger Tool International Incorporated   | 2022231683 | Apple Inc.  |
| 2022201909 | Schneider Electric USA, Inc.  | 2022231686 | Abbott Diabetes Care Inc.   |
| 2022203582 | Intuit Inc.   | 2022231687 | Alpha Tech Research Corp  |
| 2022204251 | Caffitaly System S.p.A.   | 2022231688 | Edwards Lifesciences Corporation  |
| 2022204253 | Caffitaly System S.p.A.   | 2022231690 | JUUL Labs, Inc.   |
| 2022204255 | Caffitaly System S.p.A.   | 2022231692 | Meso Scale Technologies, LLC.   |
| 2022205929 | Arrowhead Pharmaceuticals, Inc.   | 2022231693 | Tissuegen, Inc.   |
| 2022206789 | AADIGEN, LLC  | 2022231694 | Angel Group Co., Ltd.   |
| 2022206792 | Teva Pharmaceuticals International GmbH   | 2022231696 |   |
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2022231701 Tempo Therapeutics, Inc.  
2022231702 Whitehead Institute for Biomedical Research  
2022231703 GENENTECH, INC.  
2022231706 Daiichi Sankyo Company, Limited  
2022231707 Bayer Aktiengesellschaft  
2022231708 Fidelity Information Services, LLC  
2022231709 i-SENS, Inc.  
2022231710 i-SENS, Inc.  
2022231711 i-SENS, Inc.  
2022231713 FUJIFILM Corporation; FUJIFILM Medical Systems  
USA, Inc.  
2022231714 Eteknology Pty Ltd  
2022231716 The University of North Carolina at Chapel Hill  
2022231718 Medy-Tox, Inc.  
2022231719 The Chinese University of Hong Kong  
2022231720 Gifu Plastic Industry Co., Ltd.  
2022231721 Vertex Pharmaceuticals Incorporated  
2022231723 Silixa Ltd.  
2022231724 Selecta Biosciences, Inc.  
2022231725 Daikin Industries, Ltd.  
2022231726 Millennium Pharmaceuticals, Inc.  
2022231727 Dolby International AB  
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2022231771 View, Inc.  
2022231772 Fisher & Paykel Healthcare Limited  
2022231773 Edwards Lifesciences Corporation  
2022231774 W. L. Gore & Associates, Inc.  
2022231775 Advanced Bariatric Technology, LLC  
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**Innovation Patents Open to Public Inspection**

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. (\*) 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.)

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|--|--|--|
| <p>(71) Apple Inc.<br/>                     (11) AU-A-2022100126<br/>                     (21) 2022100126 (22) 09.09.2022<br/>                     (54) User interfaces for subscription applications<br/>                     (51) Int. Cl.<br/> <i>G06F 3/048</i> ( 2013.01 )<br/> <i>G06Q 30/06</i> ( 2012.01 )<br/>                     (45) 06.10.2022<br/>                     (62) 2021107609<br/>                     (72) Phillips, Joseph Stanley; Magnani, Joseph Andrew; Evashevski, Michael; Rofman, Alex; Thai, Ann M.; Gromek, Monika E.; Bennett, Colin; Liu, Terry Y.; Waskan-Lui, Sonja<br/>                     (74) FPA Patent Attorneys Pty Ltd</p> | <p>(45) 06.10.2022<br/>                     (62) 2021103296<br/>                     (72) Hunter, Robert<br/>                     (74) Armour IP</p>   | <p>(45) 06.10.2022<br/>                     (72) ZOU, Gaodi; ZOU, Xin; ZOU, Mingzhi<br/>                     (74) WRAYS PTY LTD</p>  |
| <p>(71) Graeme, D.<br/>                     (11) AU-A-2022100125<br/>                     (21) 2022100125 (22) 08.09.2022<br/>                     (54) LIFTING DEVICE<br/>                     (51) Int. Cl.<br/> <i>E04H 17/26</i> ( 2006.01 )<br/> <i>E02D 9/02</i> ( 2006.01 )<br/> <i>E04H 12/22</i> ( 2006.01 )<br/> <i>E04H 12/34</i> ( 2006.01 )<br/>                     (45) 06.10.2022<br/>                     (62) 2020201534<br/>                     (72) Davis, Graeme<br/>                     (74) PHILLIPS ORMONDE FITZPATRICK</p>  | <p>(71) Reflex Instruments Asia Pacific Pty Ltd<br/>                     (11) AU-A-2022100123<br/>                     (21) 2022100123 (22) 05.09.2022<br/>                     (54) FIT FOR PURPOSE MEASUREMENT SYSTEM FOR DRILL HOLE LOGGING<br/>                     (51) Int. Cl.<br/> <i>G01V 5/04</i> ( 2006.01 )<br/> <i>E21B 47/06</i> ( 2012.01 )<br/> <i>E21B 47/07</i> ( 2012.01 )<br/> <i>E21B 47/08</i> ( 2012.01 )<br/> <i>E21B 47/11</i> ( 2012.01 )<br/> <i>E21B 47/12</i> ( 2012.01 )<br/> <i>G01V 5/06</i> ( 2006.01 )<br/> <i>G01V 5/12</i> ( 2006.01 )<br/>                     (45) 06.10.2022<br/>                     (62) 2020396915<br/>                     (72) KOPLAN, Christopher Thomas; JACKSON, John Carl; WILSON, Cory Bryce; HITCHEN, Joel; PELL, Christopher; BLAINE, Frederick; GUTTERUD, Erik; LAWIE, David Charles<br/>                     (74) AJ PARK</p> | <p>(71) Shenzhen Merrytek Technology Co., Ltd.<br/>                     (11) AU-A-2019101833<br/>                     (21) 2019101833 (22) 19.02.2019<br/>                     (54) HUMAN PRESENCE DETECTOR AND THE HUMAN PRESENCE DETECTION METHOD THEREOF<br/>                     (51) Int. Cl.<br/> <i>G01S 13/88</i> ( 2006.01 )<br/> <i>A61B 5/11</i> ( 2006.01 )<br/> <i>G01S 7/41</i> ( 2006.01 )<br/> <i>G01S 13/56</i> ( 2006.01 )<br/>                     (31) 2018110106250 (32) 31.08.18 (33) CN<br/>                     (45) 06.10.2022<br/>                     (72) Zou, Gaodi; Zou, Xin; Zou, Mingzhi<br/>                     (74) WRAYS PTY LTD</p> |
| <p>(71) Mejjjet Holdings PTY LTD<br/>                     (11) AU-A-2022100129<br/>                     (21) 2022100129 (22) 15.09.2022<br/>                     (54) A Spinning Ball Toy<br/>                     (51) Int. Cl.<br/> <i>A63B 43/04</i> ( 2006.01 )<br/> <i>A63B 37/02</i> ( 2006.01 )<br/> <i>A63H 1/24</i> ( 2006.01 )<br/> <i>A63H 33/18</i> ( 2006.01 )<br/>                     (45) 06.10.2022<br/>                     (62) 2018346996<br/>                     (72) HOLDEN, Edward<br/>                     (74) Kevin Ashby</p>   | <p>(71) Shenzhen Merrytek Technology Co., Ltd.<br/>                     (11) AU-A-2019101831<br/>                     (21) 2019101831 (22) 06.02.2019<br/>                     (54) ANTENNA WITH ANTI-INTERFERENCE ARRANGEMENT AND ITS MANUFACTURING METHOD<br/>                     (51) Int. Cl.<br/> <i>H01Q 1/52</i> ( 2006.01 )<br/>                     (31) 16/035,689 (32) 15.07.18 (33) US<br/>                     201810595973.X 11.06.18 CN<br/>                     201811368719.5 16.11.18 CN<br/>                     201811473009.9 04.12.18 CN<br/>                     (45) 06.10.2022<br/>                     (72) Zou, Gaodi; Zou, Xin<br/>                     (74) WRAYS PTY LTD</p>  | <p>(71) Shenzhen Merrytek Technology Co., Ltd.<br/>                     (11) AU-A-2019101832<br/>                     (21) 2019101832 (22) 24.07.2019<br/>                     (54) MICROWAVE DETECTION DEVICE AND ITS DETECTION METHOD AND APPLICATION<br/>                     (51) Int. Cl.<br/> <i>G01S 13/52</i> ( 2006.01 )<br/> <i>A61B 5/11</i> ( 2006.01 )<br/> <i>G01S 7/292</i> ( 2006.01 )<br/> <i>G01S 7/41</i> ( 2006.01 )<br/> <i>G01S 13/58</i> ( 2006.01 )<br/>                     (31) 201811010625.0 (32) 31.08.18 (33) CN<br/>                     201910318272.9 29.04.19 CN</p>   |
| <p>(71) MTC Contractors Pty Ltd<br/>                     (11) AU-A-2022100127<br/>                     (21) 2022100127 (22) 09.09.2022<br/>                     (54) Hose Loom Assembly<br/>                     (51) Int. Cl.<br/> <i>F16L 57/00</i> ( 2006.01 )<br/> <i>B29C 39/10</i> ( 2006.01 )<br/> <i>B29C 41/08</i> ( 2006.01 )<br/> <i>F16L 3/12</i> ( 2006.01 )<br/> <i>F16L 3/22</i> ( 2006.01 )<br/> <i>F16L 57/04</i> ( 2006.01 )</p>   | <p>(71) Shenzhen Merrytek Technology Co., Ltd.<br/>                     (11) AU-A-2019101833<br/>                     (21) 2019101833 (22) 24.07.2019<br/>                     (54) MICROWAVE DETECTION DEVICE AND ITS DETECTION METHOD AND APPLICATION<br/>                     (51) Int. Cl.<br/> <i>G01S 13/52</i> ( 2006.01 )<br/> <i>A61B 5/11</i> ( 2006.01 )<br/> <i>G01S 7/292</i> ( 2006.01 )<br/> <i>G01S 7/41</i> ( 2006.01 )<br/> <i>G01S 13/58</i> ( 2006.01 )<br/>                     (31) 201811010625.0 (32) 31.08.18 (33) CN<br/>                     201910318272.9 29.04.19 CN</p>   | <p>(71) Shenzhen Merrytek Technology Co., Ltd.<br/>                     (11) AU-A-2019101833<br/>                     (21) 2019101833 (22) 24.07.2019<br/>                     (54) HUMAN PRESENCE DETECTOR AND THE HUMAN PRESENCE DETECTION METHOD THEREOF<br/>                     (51) Int. Cl.<br/> <i>G01S 13/88</i> ( 2006.01 )<br/> <i>A61B 5/11</i> ( 2006.01 )<br/> <i>G01S 7/41</i> ( 2006.01 )<br/> <i>G01S 13/56</i> ( 2006.01 )<br/>                     (31) 2018110106250 (32) 31.08.18 (33) CN<br/>                     (45) 06.10.2022<br/>                     (72) Zou, Gaodi; Zou, Xin; Zou, Mingzhi<br/>                     (74) WRAYS PTY LTD</p> |

**Numerical Index**

**2019101831** Shenzhen Merrytek Technology Co., Ltd.  
**2019101832** Shenzhen Merrytek Technology Co., Ltd.  
**2019101833** Shenzhen Merrytek Technology Co., Ltd.  
**2022100123** Reflex Instruments Asia Pacific Pty Ltd  
**2022100125** Graeme, D.  
**2022100126** Apple Inc.  
**2022100127** MTC Contractors Pty Ltd  
**2022100129** Mejjjet Holdings PTY LTD

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| <p>(71) 2K Beteiligungen UG<br/>(haftungsbeschränkt)<br/>(11) AU-A-2021243262<br/>(21) 2021243262 (22) 11.03.2021<br/>(54) Control of a watercraft<br/>(51) Int. Cl.<br/>    <b>B63B 32/53</b> ( 2020.01 )<br/>    <b>B63B 32/10</b> ( 2020.01 )<br/>    <b>B63H 21/17</b> ( 2006.01 )<br/>(87) WO2021/190941<br/>(31) 10 2020 108 245.2 (32) 25.03.20 (33) DE<br/>(43) 30.09.2021<br/>(72) KÖHNSEN, Jennifer<br/>(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>  | <p>17/175,696 14.02.21 US<br/>(43) 19.08.2021<br/>(72) ABDELSAMIE, Maher A.<br/>(74) Maher Abdelsamie</p>   | <p><b>A61P 13/12</b> ( 2006.01 )<br/>(87) WO2021/183819<br/>(31) 62/989,037 (32) 13.03.20 (33) US<br/>(43) 16.09.2021<br/>(72) LI, Gang; KUMAR, Ravindra<br/>(74) Pearce IP Pty Ltd</p>  |
| <p>(71) 3-D Matrix, Ltd.<br/>(11) AU-A-2021246472<br/>(21) 2021246472 (22) 30.03.2021<br/>(54) Sterilization of self-assembling peptides by irradiation<br/>(51) Int. Cl.<br/>    <b>A61K 38/16</b> ( 2006.01 )<br/>    <b>A61K 38/00</b> ( 2006.01 )<br/>    <b>A61L 27/50</b> ( 2006.01 )<br/>    <b>A61L 27/52</b> ( 2006.01 )<br/>(87) WO2021/202577<br/>(31) 63/002,882 (32) 31.03.20 (33) US<br/>(43) 07.10.2021<br/>(72) RIOULT, Marika G.; GIL, Eun Seok; ALEKSI, Elton; YAMAMOTO, Naoki<br/>(74) Spruson &amp; Ferguson</p> | <p>(71) Abiomed Europe GmbH<br/>(11) AU-A-2021245032<br/>(21) 2021245032 (22) 26.03.2021<br/>(54) Device and method for determination of a CO2 partial pressure value on a blood side of an oxygenator<br/>(51) Int. Cl.<br/>    <b>A61M 1/16</b> ( 2006.01 )<br/>    <b>A61B 5/145</b> ( 2006.01 )<br/>    <b>A61M 1/36</b> ( 2006.01 )<br/>(87) WO2021/191429<br/>(31) 20166350.7 (32) 27.03.20 (33) EP<br/>(43) 30.09.2021<br/>(72) NIX, Christoph; ZSCHERLICH, Verena<br/>(74) Spruson &amp; Ferguson</p>             | <p>(71) Acumen Design Associates Ltd.<br/>(11) AU-A-2021229645<br/>(21) 2021229645 (22) 02.03.2021<br/>(54) Outboard facing herringbone seating arrangement<br/>(51) Int. Cl.<br/>    <b>B64D 11/06</b> ( 2006.01 )<br/>(87) WO2021/176209<br/>(31) 2003337.9 (32) 06.03.20 (33) GB<br/>(43) 10.09.2021<br/>(72) NICHOLAS, Richard; WILLIAMS, Andy; FENTON, Jonathan<br/>(74) FB Rice Pty Ltd</p>  |
| <p>(71) ABB Schweiz AG<br/>(11) AU-A-2021247499<br/>(21) 2021247499 (22) 31.03.2021<br/>(54) Ore flow optimization<br/>(51) Int. Cl.<br/>    <b>G05B 19/418</b> ( 2006.01 )<br/>    <b>G06Q 50/02</b> ( 2012.01 )<br/>(87) WO2021/198318<br/>(31) 20167628.5 (32) 01.04.20 (33) EP<br/>(43) 07.10.2021<br/>(72) MISHCHENKO, Kateryna; GARCIA-GABIN, Winston; FEYZMAHDAVIAN, Hamid<br/>(74) Griffith Hack</p>   | <p>(71) Abion Inc.; Seoul National University R&amp;DB Foundation<br/>(11) AU-A-2021239762<br/>(21) 2021239762 (22) 17.03.2021<br/>(54) In-vitro transcript mRNA and pharmaceutical composition comprising same<br/>(51) Int. Cl.<br/>    <b>C12N 15/85</b> ( 2006.01 )<br/>    <b>A61K 39/00</b> ( 2006.01 )<br/>(87) WO2021/187883<br/>(31) 10-2020-0032466 (32) 17.03.20 (33) KR<br/>(43) 23.09.2021<br/>(72) SHIN, Young Key; CHOI, Jun Young; KIM, Na Young; SON, Wonrak; LEE, Yong Jin<br/>(74) FB Rice Pty Ltd</p> | <p>(71) Advanced Drainage Systems, Inc.<br/>(11) AU-A-2021237473<br/>(21) 2021237473 (22) 15.03.2021<br/>(54) Systems and methods for stormwater management<br/>(51) Int. Cl.<br/>    <b>E03F 5/16</b> ( 2006.01 )<br/>    <b>B01D 24/00</b> ( 2006.01 )<br/>    <b>C02F 9/00</b> ( 2006.01 )<br/>(87) WO2021/188430<br/>(31) 62/992,820 (32) 20.03.20 (33) US<br/>    16/837,010 01.04.20 US<br/>(43) 23.09.2021<br/>(72) FIGOLA, Daniel J.; LIU, Bo; PANK, Thomas E.; VITARELLI, Ronald R.; HARTWELL, Erik K.<br/>(74) PHILLIPS ORMONDE FITZPATRICK</p>  |
| <p>(71) Abdelsamie, Maher A.<br/>(11) AU-A-2021221174<br/>(21) 2021221174 (22) 15.02.2021<br/>(54) Secure methods and systems for environmental credit scoring<br/>(51) Int. Cl.<br/>    <b>G06Q 30/00</b> ( 2012.01 )<br/>(87) WO2021/163675<br/>(31) 63/066,132 (32) 14.08.20 (33) US<br/>    63/145,032 03.02.21 US<br/>    62/976,571 14.02.20 US</p>  | <p>(71) AB Medica S.p.A.<br/>(11) AU-A-2021366414<br/>(21) 2021366414 (22) 15.10.2021<br/>(54) Support device in form of a pad, mainly for use onto a medical bed<br/>(51) Int. Cl.<br/>    <b>A61G 13/12</b> ( 2006.01 )<br/>(87) WO2022/084815<br/>(31) 102020000024568 (32) 19.10.20 (33) IT<br/>(43) 28.04.2022<br/>(72) BIANCHI, Carlambrogio; CASATI, Diego; BETTINELLI, Cristiano<br/>(74) GLMR</p>  | <p>(71) AdvanSix Resins &amp; Chemicals LLC<br/>(11) AU-A-2021221961<br/>(21) 2021221961 (22) 16.02.2021<br/>(54) Polyamide-based masterbatch formulation<br/>(51) Int. Cl.<br/>    <b>C08G 69/14</b> ( 2006.01 )<br/>    <b>C08G 69/26</b> ( 2006.01 )<br/>    <b>C08G 69/34</b> ( 2006.01 )<br/>    <b>C08G 69/36</b> ( 2006.01 )<br/>    <b>C08G 69/42</b> ( 2006.01 )<br/>    <b>C08L 77/02</b> ( 2006.01 )<br/>    <b>C08L 77/06</b> ( 2006.01 )<br/>    <b>C08L 77/08</b> ( 2006.01 )<br/>(87) WO2021/167913<br/>(31) 62/977,868 (32) 18.02.20 (33) US<br/>(43) 26.08.2021<br/>(72) NELLIAPPAN, Veera; LOY, David; TALEBI, Farzaneh; WESTON, Joseph; SCHOEB, Ann<br/>(74) Davies Collison Cave Pty Ltd</p> |
| <p>(71) Acceleron Pharma Inc.<br/>(11) AU-A-2021236249<br/>(21) 2021236249 (22) 11.03.2021<br/>(54) Single-arm ActRIIA and ActRIIB heteromultimers and methods for treating renal diseases or conditions<br/>(51) Int. Cl.<br/>    <b>A61K 38/17</b> ( 2006.01 )</p>   | <p>(71) Acceleron Pharma Inc.<br/>(11) AU-A-2021236249<br/>(21) 2021236249 (22) 11.03.2021<br/>(54) Single-arm ActRIIA and ActRIIB heteromultimers and methods for treating renal diseases or conditions<br/>(51) Int. Cl.<br/>    <b>A61K 38/17</b> ( 2006.01 )</p>  |  |

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- (71) AdvanSix Resins & Chemicals LLC  
 (11) AU-A-2021224143  
 (21) 2021224143 (22) 16.02.2021  
 (54) Stain-resistant branched polyamides  
 (51) Int. Cl.  
*C08G 69/14* ( 2006.01 )  
*C08G 69/26* ( 2006.01 )  
*C08G 69/34* ( 2006.01 )  
*C08G 69/36* ( 2006.01 )  
*C08G 69/42* ( 2006.01 )  
*C08L 77/08* ( 2006.01 )  
 (87) WO2021/167912  
 (31) 62/978,465 (32) 19.02.20 (33) US  
 (43) 26.08.2021  
 (72) NELLIAPPAN, Veera; LOY, David;  
 TALEBI, Farzaneh; WESTON, Joseph;  
 STRZELECKI, Mary  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Advent Therapeutics Inc.  
 (11) AU-A-2021220126  
 (21) 2021220126 (22) 31.01.2021  
 (54) Compositions of vitamin A palmitate,  
 processes for their preparation, uses  
 and methods comprising them  
 (51) Int. Cl.  
*A61K 9/107* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61P 31/00* ( 2006.01 )  
 (87) WO2021/162880  
 (31) 62/972,784 (32) 11.02.20 (33) US  
 (43) 19.08.2021  
 (72) GELFAND, Craig; SEGAL, Robert;  
 LOPEZ, David  
 (74) Arcadia Intellectual Property
- 
- (71) Afflogic  
 (11) AU-A-2021234095  
 (21) 2021234095 (22) 10.03.2021  
 (54) Variants of SAC7D and their use in can-  
 cer therapy  
 (51) Int. Cl.  
*C07K 14/195* ( 2006.01 )  
*C12N 15/10* ( 2006.01 )  
 (87) WO2021/180823  
 (31) 20305255.0 (32) 11.03.20 (33) EP  
 (43) 16.09.2021  
 (72) CINIÉ, Mathieu; CHEVREL, Anne;  
 KITTEN, Olivier  
 (74) Davies Collison Cave Pty Ltd
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- (71) Affordable Solar Installation, Inc.  
 (11) AU-A-2021220955  
 (21) 2021220955 (22) 12.02.2021  
 (54) Chassis assembly for energy storage  
 equipment  
 (51) Int. Cl.  
*H02S 40/38* ( 2014.01 )  
*H02G 3/30* ( 2006.01 )  
*H02S 20/10* ( 2014.01 )  
*H02S 40/34* ( 2014.01 )  
*H05K 5/04* ( 2006.01 )  
*H05K 7/18* ( 2006.01 )  
 (87) WO2021/163469  
 (31) 62/975,923 (32) 13.02.20 (33) US
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- (43) 19.08.2021  
 (72) BASSALLECK, Kevin; RICHARDS,  
 Blake; NEEL, Dustin; BABIC, Nikola;  
 RICE, Daniel L.; UNDERCUFFLER,  
 Philip  
 (74) Spruson & Ferguson
- 
- (71) AGCO Corporation  
 (11) AU-A-2021265297  
 (21) 2021265297 (22) 09.04.2021  
 (54) Tailless knotter for baler  
 (51) Int. Cl.  
*A01F 15/14* ( 2006.01 )  
 (87) WO2021/220091  
 (31) 63/016,790 (32) 28.04.20 (33) US  
 (43) 04.11.2021  
 (72) BECKER, David; WELLER, Lucas;  
 KUHN, Allen  
 (74) Griffith Hack
- 
- (71) Agence Francaise pour le Developpe-  
 ment d'Al Ula  
 (11) AU-A-2021274083  
 (21) 2021274083 (22) 21.05.2021  
 (54) Extract of Moringa peregrina seed  
 cake, method for obtaining same and  
 use thereof in cosmetic or nutricosmetic  
 compositions  
 (51) Int. Cl.  
*A61P 17/00* ( 2006.01 )  
*A23L 33/105* ( 2016.01 )  
*A61K 8/9789* ( 2017.01 )  
*A61K 36/185* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
 (87) WO2021/234166  
 (31) FR2005433 (32) 21.05.20 (33) FR  
 FR2102631 16.03.21 FR  
 (43) 25.11.2021  
 (72) DODINET, Elizabeth; BOURGETEAU,  
 Vincent  
 (74) Armour IP
- 
- (71) Agence Francaise pour le Developpe-  
 ment d'Al Ula  
 (11) AU-A-2021274894  
 (21) 2021274894 (22) 21.05.2021  
 (54) Moringa peregrina seed extract rich in  
 2,5-diformylfuran, process for obtaining  
 same and use thereof in cosmetic com-  
 positions  
 (51) Int. Cl.  
*A61P 17/00* ( 2006.01 )  
*A61K 36/185* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
 (87) WO2021/234159  
 (31) FR2005429 (32) 21.05.20 (33) FR  
 FR2102686 17.03.21 FR  
 (43) 25.11.2021  
 (72) DODINET, Elizabeth; BOURGETEAU,  
 Vincent  
 (74) Armour IP
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- (71) AKER Biomarine Antarctic AS; The  
 Board of Trustees of the University of  
 Illinois  
 (11) AU-A-2021246058  
 (21) 2021246058 (22) 31.03.2021
- 
- (54) Krill oil composition enriched in IPC-  
 DHA and IPC-EPA  
 (51) Int. Cl.  
*A61K 31/202* ( 2006.01 )  
*A61K 35/612* ( 2015.01 )  
*A61P 27/02* ( 2006.01 )  
 (87) WO2021/202680  
 (31) 63/002,425 (32) 31.03.20 (33) US  
 63/113,908 15.11.20 US  
 (43) 07.10.2021  
 (72) MYHREN, Finn; HALS, Petter-Arnt;  
 HOEM, Nils; STORSVE, Andreas Berg;  
 SUBBIAH, Papasani V.; YALAGALA,  
 Poorna; DHAVAMANI, Sugasini; TAI,  
 Leon  
 (74) Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71) Algorand, Inc.  
 (11) AU-A-2021241654  
 (21) 2021241654 (22) 26.03.2021  
 (54) Enabling erasure of information in a  
 blockchain  
 (51) Int. Cl.  
*G06F 21/62* ( 2013.01 )  
*G06F 21/64* ( 2013.01 )  
 (87) WO2021/195461  
 (31) 63/000,417 (32) 26.03.20 (33) US  
 (43) 30.09.2021  
 (72) MICALI, Silvio  
 (74) BOSH IP Pty Ltd
- 
- (71) Aligos Therapeutics, Inc.  
 (11) AU-A-2021230601  
 (21) 2021230601 (22) 05.03.2021  
 (54) Modified short interfering nucleic acid  
 (siNA) molecules and uses thereof  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
 (87) WO2021/178885  
 (31) 62/986,150 (32) 06.03.20 (33) US  
 63/109,196 03.11.20 US  
 (43) 10.09.2021  
 (72) BEIGELMAN, Leonid; RAJWANSHI,  
 Vivek Kumar; HOSSBACH, Markus;  
 PANDEY, Rajendra K.; HONG, Jin;  
 ELTEPU, Laxman; MONTERO, Saul  
 Martinez; DE COSTA, N. Tilani S.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2021232014  
 (21) 2021232014 (22) 05.03.2021  
 (54) Ketohexokinase (KHK) IRNA composi-  
 tions and methods of use thereof  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/713* ( 2006.01 )  
*A61K 47/61* ( 2017.01 )  
 (87) WO2021/178736  
 (31) 62/985,948 (32) 06.03.20 (33) US  
 (43) 10.09.2021  
 (72) TREMBLAY, Frederic; MCININCH,  
 James D.  
 (74) Griffith Hack
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PCT applications which have entered the National Phase - Name Index cont'd

- (71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2021232029  
 (21) 2021232029 (22) 05.03.2021  
 (54) Compositions and methods for inhibiting expression of transthyretin (TTR)  
 (51) Int. Cl.  
**C12N 15/113** (2010.01)  
 (87) WO2021/178778  
 (31) 62/985,950 (32) 06.03.20 (33) US  
 (43) 10.09.2021  
 (72) CHAN, Amy; JANAS, Maja; MCDougALL, Robin D.; RAMSDEN, Diane; SCHLEGEL, Mark K.; SUTHERLAND, Jessica E.  
 (74) Griffith Hack
- 
- (71) Altimate Medical, Inc.  
 (11) AU-A-2021235728  
 (21) 2021235728 (22) 04.03.2021  
 (54) Mobility systems and methods  
 (51) Int. Cl.  
**A61G 5/12** (2006.01)  
**A47C 1/00** (2006.01)  
**A61G 5/10** (2006.01)  
**A61G 7/10** (2006.01)  
**A61H 1/02** (2006.01)  
**A61H 3/04** (2006.01)  
**A63B 23/04** (2006.01)  
 (87) WO2021/183352  
 (31) 62/986,968 (32) 09.03.20 (33) US  
 (43) 16.09.2021  
 (72) LAMB, Clark; HAUGEN, Matt; SCHWEISS, Leo; OVRE, Wesley  
 (74) Madderns Pty Ltd
- 
- (71) Altimmune, Inc.  
 (11) AU-A-2021220971  
 (21) 2021220971 (22) 12.02.2021  
 (54) Coronavirus immunogenic compositions and uses thereof  
 (51) Int. Cl.  
**A61K 35/76** (2015.01)  
**A61K 35/761** (2015.01)  
**A61P 11/00** (2006.01)  
 (87) WO2021/163536  
 (31) 62/977,078 (32) 14.02.20 (33) US  
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 63/142,077 27.01.21 US  
 63/148,374 11.02.21 US  
 (43) 19.08.2021  
 (72) GEORGES, Bertrand Victor Gilbert; ROBERTS, M. Scot  
 (74) AJ PARK
- 
- (71) Amgen Inc.  
 (11) AU-A-2021240088  
 (21) 2021240088 (22) 19.03.2021  
 (54) Determination of free N-terminus of PEGFilgrastim using an acid protease  
 (51) Int. Cl.  
**C07K 14/535** (2006.01)  
**A61K 47/60** (2017.01)  
**C12N 9/64** (2006.01)
- 
- (71) Ancestry.com Operations Inc.  
 (11) AU-A-2021256421  
 (21) 2021256421 (22) 12.04.2021  
 (54) Topic segmentation of image-derived text  
 (51) Int. Cl.  
**G06F 16/35** (2019.01)  
 (87) WO2021/211426  
 (31) 63/009,185 (32) 13.04.20 (33) US  
 (43) 21.10.2021  
 (72) ANDERSON, Carol Myrick  
 (74) FB Rice Pty Ltd
- 
- (71) Anjon Biologics, Inc.  
 (11) AU-A-2021224123  
 (21) 2021224123 (22) 08.02.2021  
 (54) Compositions for skincare and use thereof  
 (51) Int. Cl.  
**A61K 31/315** (2006.01)  
**A61K 9/00** (2006.01)  
**A61K 9/06** (2006.01)  
**A61K 9/10** (2006.01)  
**A61K 33/00** (2006.01)  
**A61K 33/04** (2006.01)  
**A61K 33/30** (2006.01)  
**A61P 31/04** (2006.01)  
 (87) WO2021/167810  
 (31) 62/979,858 (32) 21.02.20 (33) US  
 (43) 26.08.2021  
 (72) AFARGAN, Michel; RONEN, Raziell  
 (74) SR Intellectual Property
- 
- (71) Anticimex Innovation Center A/S  
 (11) AU-A-2021219962  
 (21) 2021219962 (22) 12.02.2021  
 (54) Rodent trap  
 (51) Int. Cl.
- 
- (71) Amorphical Ltd.  
 (11) AU-A-2021235449  
 (21) 2021235449 (22) 28.01.2021  
 (54) Amorphous calcium carbonate for treatment of acidosis  
 (51) Int. Cl.  
**A61K 33/10** (2006.01)  
**A61K 9/00** (2006.01)  
**A61K 9/08** (2006.01)  
**A61K 9/10** (2006.01)  
**A61P 3/12** (2006.01)  
**A61P 31/04** (2006.01)  
**A61P 31/12** (2006.01)  
 (87) WO2021/181372  
 (31) 62/987,952 (32) 11.03.20 (33) US  
 (43) 16.09.2021  
 (72) BEN, Yossi; BLUM, Yigal; NATAN, Yehudit  
 (74) Collison & Co
- 
- (71) Apple Inc.  
 (11) AU-A-2021283000  
 (21) 2021283000 (22) 21.05.2021  
 (54) An accessory with a magnetic relay structure for wireless power transfer  
 (51) Int. Cl.  
**H02J 50/10** (2016.01)  
 (87) WO2021/247250  
 (31) 17/179,647 (32) 19.02.21 (33) US  
 63/034,544 04.06.20 US  
 (43) 09.12.2021  
 (72) XU, Zelin; LIU, Nan; MOUSSAOUI, Zaki; LISI, Gianpaolo; BHARGAVA, Kunal; KEEZHVEEDI SAMPATH, Madhusudanan; CHABALKO, Matthew J.; SCRITZKY, Robert  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) AptaBio Therapeutics Inc.  
 (11) AU-A-2021255160  
 (21) 2021255160 (22) 23.03.2021  
 (54) Pulmonary fibrosis medicine containing pyrazole derivative  
 (51) Int. Cl.  
**A61K 31/4439** (2006.01)  
**A61P 11/00** (2006.01)  
**A61P 31/00** (2006.01)  
**A61P 43/00** (2006.01)  
 (87) WO2021/210799  
 (31) 10-2020-0044598 (32) 13.04.20 (33) KR  
 10-2021-0036863 22.03.21 KR  
 (43) 21.10.2021  
 (72) MOON, Sung Hwan; LEE, Soo Jin; YU, Hyunkyung; GOH, Yoo-Kyung  
 (74) FB Rice Pty Ltd
- 
- (71) AqueSys, Inc.  
 (11) AU-A-2021224235  
 (21) 2021224235 (22) 19.02.2021  
 (54) Bi-modal intraocular shunt inserter  
 (51) Int. Cl.  
**A61F 9/007** (2006.01)  
 (87) WO2021/168364  
 (31) 62/979,353 (32) 20.02.20 (33) US  
 (43) 26.08.2021  
 (72) ROMODA, Laszlo O.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Arcturus Therapeutics, Inc.  
 (11) AU-A-2021231795  
 (21) 2021231795 (22) 03.03.2021  
 (54) Compositions and methods for the treatment of ornithine transcarbamylase deficiency  
 (51) Int. Cl.  
**A61K 48/00** (2006.01)  
**A61P 9/00** (2006.01)



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

- C12N 9/10** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2021/178510  
**(31)** 62/984,764 **(32)** 03.03.20 **(33)** US  
**(43)** 10.09.2021  
**(72)** CHIVUKULA, Padmanabh; KARMALI, Priya Prakash; TACHIKAWA, Kiyoshi; PARKER, Suezanne E.; SABLAD, Marciano Rodriguez; LIMPHONG, Pattraranee; BAO, Yanjie; VEGA, Jerel Boyd Lee  
**(74)** FB Rice Pty Ltd
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- (71)** Arcturus Therapeutics, Inc.; Sullivan, S.; Matsuda, D.; Tachikawa, K.; Chivukula, P.; Karmali, P.P.; Davis, J.; Bao, Y.; Sagi, A.  
**(11)** AU-A-2021233816  
**(21)** 2021233816 **(22)** 09.03.2021  
**(54)** Coronavirus vaccine compositions and methods  
**(51)** Int. Cl.  
**A61K 39/215** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**C07K 14/18** ( 2006.01 )  
**C12N 7/01** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2021/183563  
**(31)** 62/987,191 **(32)** 09.03.20 **(33)** US  
 63/073,900 02.09.20 US  
**(43)** 16.09.2021  
**(72)** SULLIVAN, Sean Michael; MAT-SUDA, Daiki; TACHIKAWA, Kiyoshi; CHIVUKULA, Padmanabh; KARMALI, Priya Prakash; DAVIS, Jared Henry; BAO, Yanjie; SAGI, Amit  
**(74)** FB Rice Pty Ltd
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- (71)** Arcturus Therapeutics, Inc.  
**(11)** AU-A-2021236068  
**(21)** 2021236068 **(22)** 09.03.2021  
**(54)** Compositions and methods for inducing immune responses  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C07K 14/18** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2021/183564  
**(31)** 62/987,191 **(32)** 09.03.20 **(33)** US  
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**(43)** 16.09.2021  
**(72)** SULLIVAN, Sean Michael; MAT-SUDA, Daiki; TACHIKAWA, Kiyoshi; CHIVUKULA, Padmanabh; KARMALI, Priya Prakash; DAVIS, Jared Henry; BAO, Yanjie  
**(74)** FB Rice Pty Ltd
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- (71)** Ares Trading S.A.  
**(11)** AU-A-2021253516  
**(21)** 2021253516 **(22)** 01.04.2021  
**(54)** Capillary gel electrophoresis and its use with complex biological molecules  
**(51)** Int. Cl.  
**G01N 27/447** ( 2006.01 )  
**C07K 16/06** ( 2006.01 )  
**(87)** WO2021/204714  
**(31)** 20168561.7 **(32)** 07.04.20 **(33)** EP
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- (43)** 14.10.2021  
**(72)** VASSALLO, Oscar  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Arizona Board of Regents on behalf of Arizona State University  
**(11)** AU-A-2021221117  
**(21)** 2021221117 **(22)** 11.02.2021  
**(54)** Electronic conduction in bioelectronic devices and systems  
**(51)** Int. Cl.  
**G01N 27/30** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**(87)** WO2021/163275  
**(31)** 62/975,748 **(32)** 12.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** LINDSAY, Stuart; SADAR, Joshua; QING, Quan  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** ARRIS Enterprises LLC  
**(11)** AU-A-2021230275  
**(21)** 2021230275 **(22)** 02.03.2021  
**(54)** Media program viewership measurement using blockchains  
**(51)** Int. Cl.  
**H04N 21/24** ( 2011.01 )  
**H04L 9/00** ( 2006.01 )  
**H04N 21/442** ( 2011.01 )  
**(87)** WO2021/178446  
**(31)** 62/984,645 **(32)** 03.03.20 **(33)** US  
**(43)** 10.09.2021  
**(72)** BHUYAN, Sudepta  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Arrowhead Pharmaceuticals, Inc.  
**(11)** AU-A-2021242321  
**(21)** 2021242321 **(22)** 26.03.2021  
**(54)** RNAi agents for inhibiting expression of PNPLA3, pharmaceutical compositions thereof, and methods of use  
**(51)** Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**A61P 3/06** ( 2006.01 )  
**(87)** WO2021/195467  
**(31)** 63/000,137 **(32)** 26.03.20 **(33)** US  
**(43)** 30.09.2021  
**(72)** NICHOLAS, Anthony; PEI, Tao; XU, Zhao; SCHIENEBECK, Casi; DING, Zhi-Ming  
**(74)** Spruson & Ferguson
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- (71)** Arthrex, Inc.  
**(11)** AU-A-2021246641  
**(21)** 2021246641 **(22)** 12.03.2021  
**(54)** Orthopaedic implants including peripheral aperture arrangements  
**(51)** Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61F 2/40** ( 2006.01 )  
**(87)** WO2021/202082  
**(31)** 16/837,201 **(32)** 01.04.20 **(33)** US
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**(72)** PATERSON, John David; KHOSLA, Rudraksh  
**(74)** Spruson & Ferguson
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- (71)** Ashley Furniture Industries, LLC  
**(11)** AU-A-2021237572  
**(21)** 2021237572 **(22)** 16.03.2021  
**(54)** Upholstered furniture including molded furniture components  
**(51)** Int. Cl.  
**A47C 7/24** ( 2006.01 )  
**A47C 5/00** ( 2006.01 )  
**A47C 7/54** ( 2006.01 )  
**A47C 17/02** ( 2006.01 )  
**A47C 17/86** ( 2006.01 )  
**A47C 31/02** ( 2006.01 )  
**B68G 7/05** ( 2006.01 )  
**(87)** WO2021/188603  
**(31)** 62/990,287 **(32)** 16.03.20 **(33)** US  
 63/039,445 15.06.20 US  
**(43)** 23.09.2021  
**(72)** BRANDTNER, Thomas A.; ROBINSON, Nicholas J.  
**(74)** envantage
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- (71)** Assurant, Inc.  
**(11)** AU-A-2021215940  
**(21)** 2021215940 **(22)** 08.02.2021  
**(54)** Guided computing device repair systems, methods, and apparatus  
**(51)** Int. Cl.  
**H04W 24/00** ( 2009.01 )  
**G06Q 30/00** ( 2012.01 )  
**H04W 4/00** ( 2018.01 )  
**H04W 24/02** ( 2009.01 )  
**H04W 88/02** ( 2009.01 )  
**(87)** WO2021/159056  
**(31)** 62/971,413 **(32)** 07.02.20 **(33)** US  
**(43)** 12.08.2021  
**(72)** IONESCU, Mircea; MCLAUGHLIN, Patrick Scott; TURNER, Ryan Joseph; MESSIER, Cameron; GLYADCHENKO, Anthony  
**(74)** AJ PARK
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- (71)** Baker Hughes Oilfield Operations LLC  
**(11)** AU-A-2021232588  
**(21)** 2021232588 **(22)** 03.03.2021  
**(54)** Flow control in geothermal wells  
**(51)** Int. Cl.  
**F24T 10/20** ( 2018.01 )  
**F24T 10/00** ( 2018.01 )  
**(87)** WO2021/178526  
**(31)** 16/808,762 **(32)** 04.03.20 **(33)** US  
**(43)** 10.09.2021  
**(72)** O'MALLEY, Edward; STOLBOUSHKIN, Eugene; KENDALL, Alexander  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Bard Shannon Limited  
**(11)** AU-A-2020437689  
**(21)** 2020437689 **(22)** 26.10.2020  
**(54)** In vivo tissue engineering devices, methods and regenerative and cellular medicine employing scaffolds made of absorbable material

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

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**A61F 2/12** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )
- (87) WO2021/194555  
(31) 16/827,030 (32) 23.03.20 (33) US  
(43) 30.09.2021  
(72) REHNKE, Robert D.  
(74) FB Rice Pty Ltd
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- (71) BariaTek Medical  
(11) AU-A-2021233124  
(21) 2021233124 (22) 09.03.2021  
(54) A device for treatment of obesity or diabetes of a patient and a method for selecting such a device
- (51) Int. Cl.  
**A61F 5/00** ( 2006.01 )
- (87) WO2021/180682  
(31) 20315034.7 (32) 09.03.20 (33) EP  
(43) 16.09.2021  
(72) MANOS, Thierry; BASTID, Christophe; POULETTY, Philippe; GARD, Marco; SÉJOR, Éric; BIADILLAH, Youssef  
(74) Davies Collison Cave Pty Ltd
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- (71) BASF SE; Trinamix GmbH  
(11) AU-A-2021238642  
(21) 2021238642 (22) 17.03.2021  
(54) Communication system, monitoring system and related methods
- (51) Int. Cl.  
**G05B 19/418** ( 2006.01 )  
**G01J 3/02** ( 2006.01 )  
**G01J 3/28** ( 2006.01 )  
**G01N 21/27** ( 2006.01 )  
**G01N 21/31** ( 2006.01 )  
**G01N 21/35** ( 2014.01 )  
**G01N 21/359** ( 2014.01 )
- (87) WO2021/185895  
(31) 20163942.4 (32) 18.03.20 (33) EP  
(43) 23.09.2021  
(72) BINDER, Kai Uwe; SIEDER, Georg; FERSTL, Wolfgang; KATZ, Torsten; MODES, Gerd; HERMES, Wilfried; SCHMIDT, Felix; KETTNER, Michel Valentin; BRILL, Jochen; LUNGENSCHMIED, Christoph  
(74) Griffith Hack
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- (71) Bayer Animal Health GmbH  
(11) AU-A-2021234054  
(21) 2021234054 (22) 05.03.2021  
(54) Soft chewable formed body for the administration to animals
- (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61P 33/10** ( 2006.01 )
- (87) WO2021/180603  
(31) 20161829.5 (32) 09.03.20 (33) EP  
(43) 16.09.2021  
(72) BLAND, Christopher Robert; KANIK-ANTI, Venkata-Rangarao; ORLOVIUS, Anne-Katrin Laura; KIEFER, Philipp; KLEINEBUDDE, Peter  
(74) Davies Collison Cave Pty Ltd
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- (71) Bayer CropScience K.K.  
(11) AU-A-2021238141  
(21) 2021238141 (22) 12.03.2021  
(54) Information processor for diagnosing the state of a humidity sensor
- (51) Int. Cl.  
**G01N 33/00** ( 2006.01 )  
**A01G 25/16** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )
- (87) WO2021/187386  
(31) 2020-045096 (32) 16.03.20 (33) JP  
(43) 23.09.2021  
(72) ITO, Satoshi  
(74) Davies Collison Cave Pty Ltd
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- (71) Becton, Dickinson and Company  
(11) AU-A-2021235734  
(21) 2021235734 (22) 04.03.2021  
(54) System, device, product, apparatus, and method for reading syringe information
- (51) Int. Cl.  
**G06K 7/10** ( 2006.01 )
- (87) WO2021/183364  
(31) 62/986,943 (32) 09.03.20 (33) US  
(43) 16.09.2021  
(72) ZHU, Hong; ELLERBUSCH, Gary  
(74) FB Rice Pty Ltd
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- (71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
(11) AU-A-2020431790  
(21) 2020431790 (22) 10.09.2020  
(54) Control circuit of NPC-type three-level converter, NPC-type three-level converter and wind power generator set
- (51) Int. Cl.  
**H02M 7/487** ( 2007.01 )
- (87) WO2021/169244  
(31) 202010129575.9 (32) 28.02.20 (33) CN  
(43) 02.09.2021  
(72) FU, Songge; WANG, Meng  
(74) Madderns Pty Ltd
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- (71) Beijing Yongtai Ruike Biotechnology Company Ltd; Pharos Vaccine Inc.  
(11) AU-A-2021219233  
(21) 2021219233 (22) 15.02.2021  
(54) Immune cells overexpressing cell signaling regulatory factor introduced from outside and use thereof
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )
- (87) WO2021/162521  
(31) 10-2020-0018169 (32) 14.02.20 (33) KR  
(43) 19.08.2021  
(72) KIM, Hoon; JEON, Choonju; WANG, Yu; JUNG, Namchul  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Belke, J.V.  
(11) AU-A-2021253250  
(21) 2021253250 (22) 31.03.2021
- (54) Drive mechanism for a crusher
- (51) Int. Cl.  
**B02C 2/04** ( 2006.01 )
- (87) WO2021/203161  
(31) 2020901118 (32) 08.04.20 (33) AU  
(43) 14.10.2021  
(72) BELKE, Jeffrey Victor  
(74) SPICER SPICER PTY LTD
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- (71) Belmedow Pty Ltd  
(11) AU-A-2021219851  
(21) 2021219851 (22) 10.02.2021  
(54) System and method for administering medical regimes
- (51) Int. Cl.  
**G16H 20/10** ( 2018.01 )  
**G16H 80/00** ( 2018.01 )
- (87) WO2021/159175  
(31) 2020900368 (32) 11.02.20 (33) AU  
(43) 19.08.2021  
(72) MANOJLOVSKI, Belinda  
(74) Murray Trento & Associates Pty Ltd
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- (71) Berkeley Lights, Inc.  
(11) AU-A-2021235901  
(21) 2021235901 (22) 08.03.2021  
(54) Methods, systems and kits for in-pen assays
- (51) Int. Cl.  
**G01N 35/08** ( 2006.01 )  
**C12Q 1/02** ( 2006.01 )  
**G01N 1/00** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
**G01N 35/00** ( 2006.01 )
- (87) WO2021/183458  
(31) 62/986,786 (32) 09.03.20 (33) US  
(43) 16.09.2021  
(72) ELMS, Phillip J.M.; SORKIN, Michelle; LOUTHERBACK, Kevin D.; LOWE JR., Randall D.  
(74) FB Rice Pty Ltd
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- (71) Bial - Portela & C<sup>a</sup>, S.A.  
(11) AU-A-2021235850  
(21) 2021235850 (22) 12.03.2021  
(54) Micronised opicapone
- (51) Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )
- (87) WO2021/182981  
(31) 2003705.7 (32) 13.03.20 (33) GB  
2007814.3 26.05.20 GB  
(43) 16.09.2021  
(72) VASCONCELOS, Teófilo; RUSSO, Domenico; GONÇALVES DA CRUZ RAMOS PIRES, Ana Rita; CORREIA DIAS, Sonia Maria  
(74) AJ PARK
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- (71) Biond Biologics Ltd.  
(11) AU-A-2021235569  
(21) 2021235569 (22) 11.03.2021  
(54) Shedding blocking agents with increased stability
- (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )

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

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**A61K 39/395** ( 2006.01 )  
**A61K 47/60** ( 2017.01 )  
**A61K 47/64** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**(87)** WO2021/181396  
**(31)** 62/988,503 **(32)** 12.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** HAKIM, Motti; FRIDMAN-DROR, Anna; MANDEL, Ilana; BEN-MOSHE, Tehila; SAPIR, Yair; SHULMAN, Avidor; ZELTSBURG, Lilach Chen; LEWKOW-ICZ, Ayala  
**(74)** Collison & Co
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- (71)** Biotage AB  
**(11)** AU-A-2021225321  
**(21)** 2021225321 **(22)** 23.02.2021  
**(54)** Large volume separation system  
**(51)** Int. Cl.  
**G01N 35/10** ( 2006.01 )  
**B01L 3/02** ( 2006.01 )  
**(87)** WO2021/170564  
**(31)** 20159091.6 **(32)** 24.02.20 **(33)** EP  
**(43)** 02.09.2021  
**(72)** GJERDE, Douglas T.; ERIKSSON, Olof; ESALA, Juha; ASPLUND, Johan  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Bit Bio Limited  
**(11)** AU-A-2021235252  
**(21)** 2021235252 **(22)** 11.03.2021  
**(54)** Method of generating hepatic cells  
**(51)** Int. Cl.  
**C12N 5/071** ( 2010.01 )  
**A61K 35/407** ( 2015.01 )  
**(87)** WO2021/181110  
**(31)** 62/988,349 **(32)** 11.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** KALKAN, Tüzer; MOREAU, Thomas Pierre Michel; WARD, Carl; BELGARD, Tildon Grant; BACHINGER, Fabian  
**(74)** ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71)** BlackBox Biometrics, Inc.  
**(11)** AU-A-2021218779  
**(21)** 2021218779 **(22)** 11.02.2021  
**(54)** Vocal acoustic attenuation  
**(51)** Int. Cl.  
**H04R 1/28** ( 2006.01 )  
**H04R 1/00** ( 2006.01 )  
**H04R 1/20** ( 2006.01 )  
**H04R 1/22** ( 2006.01 )  
**(87)** WO2021/163336  
**(31)** 62/975,399 **(32)** 12.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** D'ORAZIO, Angela; BORKHOLDER, David A.; FEATHERMAN, Scott J.  
**(74)** FB Rice Pty Ltd
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- (71)** BlueSpace AI, Inc.  
**(11)** AU-A-2021222055  
**(21)** 2021222055 **(22)** 22.02.2021  
**(54)** Method for object avoidance during autonomous navigation
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- (51)** Int. Cl.  
**B60W 30/095** ( 2012.01 )  
**G01S 17/931** ( 2020.01 )  
**(87)** WO2021/168452  
**(31)** 62/980,131 **(32)** 21.02.20 **(33)** US  
 63/064,316 11.08.20 US  
 62/980,132 21.02.20 US  
**(43)** 26.08.2021  
**(72)** PAZHAYAMPALLIL, Joel; MOON, Christine  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** BN IP Pty Ltd  
**(11)** AU-A-2021252427  
**(21)** 2021252427 **(22)** 07.04.2021  
**(54)** An incontinence garment  
**(51)** Int. Cl.  
**A61F 13/49** ( 2006.01 )  
**A41B 13/04** ( 2006.01 )  
**(87)** WO2021/203158  
**(31)** 2020901155 **(32)** 10.04.20 **(33)** AU  
**(43)** 14.10.2021  
**(72)** LAMB, Melissa Sue; CUTLER, Angela  
**(74)** Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** Board of Regents, The University of Texas System; Moleculin Biotech, Inc.  
**(11)** AU-A-2021239927  
**(21)** 2021239927 **(22)** 16.03.2021  
**(54)** Method of treating viral infections with hexose type monosaccharides and analogs thereof  
**(51)** Int. Cl.  
**A61K 31/70** ( 2006.01 )  
**A61K 31/7024** ( 2006.01 )  
**(87)** WO2021/188586  
**(31)** 62/990,337 **(32)** 16.03.20 **(33)** US  
**(43)** 23.09.2021  
**(72)** PRIEBE, Waldemar; FOKT, Izabela; ZIELINSKI, Rafal; SKORA, Stanislaw; PICKER, Donald; KLEMP, Walter  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71)** Board of Trustees of Michigan State University  
**(11)** AU-A-2020378491  
**(21)** 2020378491 **(22)** 07.11.2020  
**(54)** Nano-reactor system for decomposition of per- and polyfluoroalkyl substances  
**(51)** Int. Cl.  
**C08G 65/336** ( 2006.01 )  
**C09K 3/00** ( 2006.01 )  
**C09K 3/18** ( 2006.01 )  
**(87)** WO2021/092521  
**(31)** 62/933,144 **(32)** 08.11.19 **(33)** US  
**(43)** 14.05.2021  
**(72)** LI, Hui; BOYD, Stephen A.; TEPPEN, Brian J.  
**(74)** Houlihan2 Pty Ltd
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- (71)** Bone Foam, Inc.  
**(11)** AU-A-2021224239  
**(21)** 2021224239 **(22)** 20.02.2021  
**(54)** Lateral spine positioning system
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- (51)** Int. Cl.  
**A61G 13/04** ( 2006.01 )  
**A61G 13/08** ( 2006.01 )  
**A61G 13/12** ( 2006.01 )  
**(87)** WO2021/168372  
**(31)** 62/979,614 **(32)** 21.02.20 **(33)** US  
 17/180,648 19.02.21 US  
**(43)** 26.08.2021  
**(72)** SCHOPLER, Steven; CHOLL, Kim; WATTERS, Benjamin; MCCULLOUGH, Clinton; COLE, Peter  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Boston Scientific Limited  
**(11)** AU-A-2021253802  
**(21)** 2021253802 **(22)** 02.04.2021  
**(54)** Medical device platforms  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 90/50** ( 2016.01 )  
**(87)** WO2021/205313  
**(31)** 63/007,194 **(32)** 08.04.20 **(33)** US  
**(43)** 14.10.2021  
**(72)** BHOWMICK, Nabarun; SHARMA, Deepak Kumar; RAUT, Shrikant Vasant; MOREY, Subodh; DHANOTIYA, Aditya  
**(74)** Spruson & Ferguson
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- (71)** Boston Scientific Medical Device Limited  
**(11)** AU-A-2021260978  
**(21)** 2021260978 **(22)** 14.04.2021  
**(54)** Laceration system and device, and methods for laceration  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**A61B 18/12** ( 2006.01 )  
**(87)** WO2021/214603  
**(31)** 63/013,604 **(32)** 22.04.20 **(33)** US  
**(43)** 28.10.2021  
**(72)** LEUNG, Jackie; MORIYAMA, Eduardo; DAVIES, Gareth; LAU, Kaylie  
**(74)** Spruson & Ferguson
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- (71)** Boston Scientific Scimed, Inc.  
**(11)** AU-A-2021241497  
**(21)** 2021241497 **(22)** 22.03.2021  
**(54)** Devices, systems, and methods for controlling fluids in endoscope systems  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/015** ( 2006.01 )  
**A61B 1/018** ( 2006.01 )  
**(87)** WO2021/194967  
**(31)** 62/994,008 **(32)** 24.03.20 **(33)** US  
 62/994,015 24.03.20 US  
 62/994,018 24.03.20 US  
 62/994,019 24.03.20 US  
 62/994,021 24.03.20 US  
 62/994,024 24.03.20 US  
**(43)** 30.09.2021  
**(72)** CUMMINGS, Nathan T.; COMEE, Shaun D.; RICHARDS, Laura E.  
**(74)** Spruson & Ferguson

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

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 (11) AU-A-2021241499  
 (21) 2021241499 (22) 22.03.2021  
 (54) Devices, systems, and methods for controlling endoscope fluidics  
 (51) Int. Cl.  
 A61B 1/00 ( 2006.01 )  
 A61B 1/015 ( 2006.01 )  
 A61B 1/018 ( 2006.01 )  
 (87) WO2021/194973  
 (31) 62/994,008 (32) 24.03.20 (33) US  
 62/994,015 24.03.20 US  
 62/994,018 24.03.20 US  
 62/994,019 24.03.20 US  
 62/994,021 24.03.20 US  
 62/994,024 24.03.20 US  
 (43) 30.09.2021  
 (72) COMEE, Shaun D.; CUMMINGS, Nathan T.; LIMBERG, Paula R.; LUIS, Brian; MOORE, Kyle Patrick; RICHARDS, Laura E.  
 (74) Spruson & Ferguson
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- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2021241588  
 (21) 2021241588 (22) 23.03.2021  
 (54) Agent delivery systems and methods of using the same  
 (51) Int. Cl.  
 A61B 17/00 ( 2006.01 )  
 A61M 11/02 ( 2006.01 )  
 A61M 13/00 ( 2006.01 )  
 (87) WO2021/195117  
 (31) 62/994,052 (32) 24.03.20 (33) US  
 (43) 30.09.2021  
 (72) NAM, Ra; SOUKALOPOULOS, Tony; HUBBARD, Dennis Brian; SUON, Naroun  
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- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2021244306  
 (21) 2021244306 (22) 22.03.2021  
 (54) Devices, systems, and methods for endoscope valve control  
 (51) Int. Cl.  
 A61B 1/00 ( 2006.01 )  
 A61B 1/015 ( 2006.01 )  
 A61B 1/018 ( 2006.01 )  
 (87) WO2021/194968  
 (31) 62/994,008 (32) 24.03.20 (33) US  
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 62/994,021 24.03.20 US  
 62/994,024 24.03.20 US  
 (43) 30.09.2021  
 (72) COMEE, Shaun D.; CUMMINGS, Nathan T.; LIMBERG, Paula R.; LUIS, Brian; MOORE, Kyle P.; RICHARDS, Laura E.  
 (74) Spruson & Ferguson
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- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2021244308  
 (21) 2021244308 (22) 22.03.2021  
 (54) Interface and motion translation devices, systems, and methods for endoscope valves  
 (51) Int. Cl.
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- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2021244309  
 (21) 2021244309 (22) 22.03.2021  
 (54) Motion translation and interface devices, systems, and methods for endoscope valves  
 (51) Int. Cl.  
 A61B 1/00 ( 2006.01 )  
 A61B 1/015 ( 2006.01 )  
 A61B 1/018 ( 2006.01 )  
 (87) WO2021/194969  
 (31) 62/994,008 (32) 24.03.20 (33) US  
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 (72) COMEE, Shaun D.; LIMBERG, Paula R.; RICHARDS, Laura E.; ZOTTI, Rossana  
 (74) Spruson & Ferguson
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- (71) Boston Scientific Scimed, Inc.  
 (11) AU-A-2021244310  
 (21) 2021244310 (22) 22.03.2021  
 (54) Devices for fluid control in endoscope systems  
 (51) Int. Cl.  
 A61B 1/00 ( 2006.01 )  
 (87) WO2021/194971  
 (31) 62/994,008 (32) 24.03.20 (33) US  
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 (72) COMEE, Shaun D.; CUMMINGS, Nathan T.; LIMBERG, Paula R.; RICHARDS, Laura E.  
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- (71) Bridon International Limited  
 (11) AU-A-2021253121  
 (21) 2021253121 (22) 02.04.2021  
 (54) Wire rope and an assembly comprising such wire rope  
 (51) Int. Cl.  
 D07B 1/16 ( 2006.01 )  
 D07B 1/14 ( 2006.01 )  
 D07B 5/00 ( 2006.01 )
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- (71) WO2021/204727  
 (31) 20168667.2 (32) 08.04.20 (33) EP  
 (43) 14.10.2021  
 (72) MORGAN, Andrew; SNG, Hong Hui; ROMMEL, Hendrik  
 (74) Spruson & Ferguson
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- (71) Brien Holden Vision Institute Limited  
 (11) AU-A-2021233235  
 (21) 2021233235 (22) 10.03.2021  
 (54) Ophthalmic lenses and methods for correcting, slowing, reducing, and/or controlling the progression of myopia in conjunction with use of atropine or related compounds  
 (51) Int. Cl.  
 G02C 7/04 ( 2006.01 )  
 A61K 31/46 ( 2006.01 )  
 A61P 27/08 ( 2006.01 )  
 A61P 27/10 ( 2006.01 )  
 G02C 7/06 ( 2006.01 )  
 (87) WO2021/181304  
 (31) 62/988,225 (32) 11.03.20 (33) US  
 63/010,235 15.04.20 US  
 (43) 16.09.2021  
 (72) BACK, Arthur; SANKARIDURG, Padmaja Rajagopal; FEDTKE, Cathleen  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Brien Holden Vision Institute Limited  
 (11) AU-A-2021235410  
 (21) 2021235410 (22) 10.03.2021  
 (54) Intraocular lenses for reducing peripheral pseudophakic dysphotopsia  
 (51) Int. Cl.  
 A61F 2/16 ( 2006.01 )  
 (87) WO2021/181300  
 (31) 62/988,198 (32) 11.03.20 (33) US  
 (43) 16.09.2021  
 (72) HO, Arthur  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Bristol-Myers Squibb Company  
 (11) AU-A-2021219710  
 (21) 2021219710 (22) 11.02.2021  
 (54) Heterocyclic PAD4 inhibitors  
 (51) Int. Cl.  
 C07D 401/14 ( 2006.01 )  
 A61K 31/41 ( 2006.01 )  
 A61P 19/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 403/14 ( 2006.01 )  
 C07D 407/14 ( 2006.01 )  
 C07D 409/14 ( 2006.01 )  
 C07D 413/14 ( 2006.01 )  
 (87) WO2021/163254  
 (31) 202041006146 (32) 12.02.20 (33) IN  
 (43) 19.08.2021  
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**(74)** AJ PARK
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- (71)** Bristol-Myers Squibb Company  
**(11)** AU-A-2021221123  
**(21)** 2021221123 **(22)** 11.02.2021  
**(54)** Anti-BCMA therapy in autoimmune disorders  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
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**(31)** 62/975,663 **(32)** 12.02.20 **(33)** US  
**(43)** 19.08.2021  
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**(74)** Spruson & Ferguson
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- (71)** British Harlequin PLC  
**(11)** AU-A-2021227418  
**(21)** 2021227418 **(22)** 10.02.2021  
**(54)** Performance floor assembly and system  
**(51)** Int. Cl.  
**E04F 15/22** ( 2006.01 )  
**(87)** WO2021/170970  
**(31)** 2002662.1 **(32)** 25.02.20 **(33)** GB  
**(43)** 02.09.2021  
**(72)** DAGGER, Guy  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Caffitaly System S.p.A.  
**(11)** AU-A-2022204251  
**(21)** 2022204251 **(22)** 14.03.2022  
**(54)** Capsule for making beverages and system which comprises the capsule  
**(51)** Int. Cl.  
**A47J 31/24** ( 2006.01 )  
**(31)** 102021000006254 **(32)** 16.03.21 **(33)** IT  
**(43)** 06.10.2022  
**(72)** DIAMANTI, Maurizio; FINI, Roberto  
**(74)** Patent Attorney Services
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- (71)** Caffitaly System S.p.A.  
**(11)** AU-A-2022204253  
**(21)** 2022204253 **(22)** 14.03.2022  
**(54)** Capsule for making a beverage and system which comprises the capsule and an apparatus  
**(51)** Int. Cl.  
**A47J 31/24** ( 2006.01 )  
**(31)** 102021000006251 **(32)** 16.03.21 **(33)** IT  
**(43)** 06.10.2022  
**(72)** DIAMANTI, Maurizio; FINI, Roberto  
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- (71)** Caffitaly System S.p.A.  
**(11)** AU-A-2022204255  
**(21)** 2022204255 **(22)** 14.03.2022  
**(54)** Capsule and system for making a beverage  
**(51)** Int. Cl.  
**A47J 31/24** ( 2006.01 )  
**(31)** 102021000006245 **(32)** 16.03.21 **(33)** IT  
**(43)** 06.10.2022  
**(72)** DIAMANTI, Maurizio; FINI, Roberto  
**(74)** Patent Attorney Services
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- (71)** Capcium Inc.  
**(11)** AU-A-2021226149  
**(21)** 2021226149 **(22)** 25.02.2021  
**(54)** Nanostructure lipid carrier delivery system, composition, and methods  
**(51)** Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 47/14** ( 2017.01 )  
**A61K 47/44** ( 2017.01 )  
**B01F 23/40** ( 2022.01 )  
**C07C 39/23** ( 2006.01 )  
**(87)** WO2021/168573  
**(31)** 62/981,765 **(32)** 26.02.20 **(33)** US  
**(43)** 02.09.2021  
**(72)** FUOCO, Domenico; COHEN, Jonathan; ROSANELLI, Leana; MCKIBBON, Keegan  
**(74)** Spruson & Ferguson
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- (71)** Capital One Services, LLC  
**(11)** AU-A-2021254689  
**(21)** 2021254689 **(22)** 12.04.2021  
**(54)** Determining specific terms for contactless card activation  
**(51)** Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**(87)** WO2021/211435  
**(31)** 16/847,268 **(32)** 13.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** RULE, Jeffrey; THOMAS, Marisa; APPONYI, Amy  
**(74)** GLMR
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- (71)** Capital One Services, LLC  
**(11)** AU-A-2021263903  
**(21)** 2021263903 **(22)** 29.04.2021  
**(54)** Tap to pay credit bill  
**(51)** Int. Cl.  
**G06Q 20/40** ( 2012.01 )  
**G06F 21/35** ( 2013.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
**(87)** WO2021/222517  
**(31)** 16/863,658 **(32)** 30.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** RULE, Jeffrey; JOHNSON, Clayton  
**(74)** GLMR
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- (71)** Capital One Services, LLC  
**(11)** AU-A-2021263918  
**(21)** 2021263918 **(22)** 29.04.2021
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- (54)** Accurate images in graphical user interfaces to enable data transfer  
**(51)** Int. Cl.  
**G06Q 20/34** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**(87)** WO2021/222570  
**(31)** 16/863,401 **(32)** 30.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** RULE, Jeffrey; HART, Colin  
**(74)** GLMR
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- (71)** Carlisle Construction Materials, LLC  
**(11)** AU-A-2021232956  
**(21)** 2021232956 **(22)** 11.03.2021  
**(54)** Compositions and methods for making fire-resistant EPDM rubber  
**(51)** Int. Cl.  
**C09D 109/00** ( 2006.01 )  
**C09D 7/00** ( 2018.01 )  
**C09D 7/45** ( 2018.01 )  
**(87)** WO2021/183743  
**(31)** 62/988,558 **(32)** 12.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** FOKKINGA, Onno  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Carlisle Industrial Brake & Friction  
**(11)** AU-A-2021233835  
**(21)** 2021233835 **(22)** 10.03.2021  
**(54)** Modular electronic brake system  
**(51)** Int. Cl.  
**B60T 13/14** ( 2006.01 )  
**B60T 8/36** ( 2006.01 )  
**(87)** WO2021/183658  
**(31)** 62/987,598 **(32)** 10.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** BOULIVAN, Guillaume; CAREY, Sean; RHEAD, Philip  
**(74)** Spruson & Ferguson
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- (71)** Caterpillar Inc.  
**(11)** AU-A-2021232868  
**(21)** 2021232868 **(22)** 24.02.2021  
**(54)** Track assembly bushing having a wear member  
**(51)** Int. Cl.  
**B62D 55/21** ( 2006.01 )  
**(87)** WO2021/183282  
**(31)** 16/813,900 **(32)** 10.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** WEAVER, Douglas Trent; VELIZ, Mark D.; RECKER, Roger L.  
**(74)** Patent Attorney Services
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- (71)** CBN Nano Technologies Inc.  
**(11)** AU-A-2021347277  
**(21)** 2021347277 **(22)** 22.09.2021  
**(54)** Efficient and manufacturable mechanical computing  
**(51)** Int. Cl.  
**G06C 15/02** ( 2006.01 )  
**G06D 3/00** ( 2006.01 )  
**H03K 19/20** ( 2006.01 )  
**(87)** WO2022/066679  
**(31)** 63/083,265 **(32)** 25.09.20 **(33)** US  
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Cellular Biomedicine Group (Shanghai) Ltd.; Cellular Biomedicine Group (Wuxi) Ltd.  
 (11) AU-A-2021234601  
 (21) 2021234601 (22) 15.03.2021  
 (54) Atomized inhalation formulation containing human cell-derived extracellular vesicles, preparation method and use thereof  
 (51) Int. Cl.  
 A61K 48/00 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/127 ( 2006.01 )  
 A61P 11/00 ( 2006.01 )  
 C12N 5/0775 ( 2010.01 )  
 (87) WO2021/180237  
 (31) 202010177541.7 (32) 13.03.20 (33) CN  
 (43) 16.09.2021  
 (72) DAL, Chengxiang; LI, Ping; WANG, Jing; LI, Suke; LEI, Jigang; CHEN, Yinglu; SONG, Xiaole  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Cemvita Factory, Inc.  
 (11) AU-A-2021240057  
 (21) 2021240057 (22) 19.03.2021  
 (54) Biomufacturing systems and methods for producing organic products from recombinant microorganisms  
 (51) Int. Cl.  
 C12N 1/21 ( 2006.01 )  
 C12N 11/02 ( 2006.01 )  
 C12N 15/09 ( 2006.01 )  
 (87) WO2021/189003  
 (31) 62/992,689 (32) 20.03.20 (33) US  
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 (43) 23.09.2021  
 (72) KARIMI, Tahereh; NGUYEN, Truong Huu; HANIFZADEH, MohammadMatin; COOK ALBRIGHT, Samantha; CUEVA, Miguel Eugenio  
 (74) James & Wells Intellectual Property
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- (71) Certus Critical Care, Inc.; Wake Forest University Health Sciences  
 (11) AU-A-2021239935  
 (21) 2021239935 (22) 16.03.2021  
 (54) Blood flow control devices, systems, and methods and error detection thereof  
 (51) Int. Cl.  
 A61M 60/139 ( 2021.01 )  
 A61B 17/00 ( 2006.01 )  
 A61B 17/12 ( 2006.01 )  
 A61M 60/295 ( 2021.01 )  
 A61M 60/31 ( 2021.01 )  
 A61M 60/497 ( 2021.01 )  
 A61M 60/531 ( 2021.01 )  
 A61M 60/538 ( 2021.01 )  
 A61M 60/585 ( 2021.01 )  
 (87) WO2021/188602  
 (31) 62/990,302 (32) 16.03.20 (33) US
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- (71) ChampionX USA Inc.  
 (11) AU-A-2021237559  
 (21) 2021237559 (22) 16.03.2021  
 (54) Continuous inverse emulsion polymerization process for uniform polymer size distribution  
 (51) Int. Cl.  
 C08F 2/01 ( 2006.01 )  
 C08F 2/32 ( 2006.01 )  
 C08F 220/56 ( 2006.01 )  
 (87) WO2021/188577  
 (31) 62/990,558 (32) 17.03.20 (33) US  
 (43) 23.09.2021  
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 (74) Spruson & Ferguson
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- (71) Chart Inc.  
 (11) AU-A-2021234216  
 (21) 2021234216 (22) 19.02.2021  
 (54) Liquid density measurement device, system and method  
 (51) Int. Cl.  
 G01N 7/00 ( 2006.01 )  
 G01N 9/00 ( 2006.01 )  
 (87) WO2021/183271  
 (31) 62/987,477 (32) 10.03.20 (33) US  
 (43) 16.09.2021  
 (72) WAGNER, Roland; DRUBE, Paul  
 (74) Spruson & Ferguson
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- (71) China Petroleum & Chemical Corporation; Shanghai Research Institute of Petrochemical Technology, SINOPEC  
 (11) AU-A-2021233959  
 (21) 2021233959 (22) 11.03.2021  
 (54) Method for producing light olefin from oxygen-containing compound  
 (51) Int. Cl.  
 C07C 1/20 ( 2006.01 )  
 B01J 29/85 ( 2006.01 )  
 B01J 29/90 ( 2006.01 )  
 C07C 11/00 ( 2006.01 )  
 (87) WO2021/180150  
 (31) 202010173926.6 (32) 13.03.20 (33) CN  
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 (43) 16.09.2021  
 (72) QI, Guozhen; CAO, Jing; LI, Xiaohong; WANG, Hongtao; JIN, Yongming; GAO, Pan  
 (74) Churchill Attorneys
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- (71) China Petroleum & Chemical Corporation; Shanghai Research Institute of Petrochemical Technology, SINOPEC  
 (11) AU-A-2021233968  
 (21) 2021233968 (22) 12.03.2021  
 (54) Method for converting methanol in fluidized bed reactor
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- (51) Int. Cl.  
 C07C 11/04 ( 2006.01 )  
 C07C 1/20 ( 2006.01 )  
 C07C 11/06 ( 2006.01 )  
 (87) WO2021/180195  
 (31) 202010173916.2 (32) 13.03.20 (33) CN  
 (43) 16.09.2021  
 (72) QI, Guozhen; CAO, Jing; LI, Xiaohong; WANG, Hongtao; WANG, Li; WANG, Yanxue  
 (74) Churchill Attorneys
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- (71) Chinook Therapeutics, Inc.; AbbVie Inc.  
 (11) AU-A-2021252995  
 (21) 2021252995 (22) 12.04.2021  
 (54) Methods of treating diabetic kidney disease  
 (51) Int. Cl.  
 A61K 31/4025 ( 2006.01 )  
 A61K 9/20 ( 2006.01 )  
 A61K 9/28 ( 2006.01 )  
 (87) WO2021/207723  
 (31) 63/008,099 (32) 10.04.20 (33) US  
 63/119,806 01.12.20 US  
 (43) 14.10.2021  
 (72) MELNICK, Joel Z.; MILLER, Michael G.; YI, Tingting; HEERSPINK, Hiddo Lambers; KING, Andrew James; NOONBERG, Sarah B.  
 (74) Spruson & Ferguson
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- (71) Chugai Seiyaku Kabushiki Kaisha  
 (11) AU-A-2021250381  
 (21) 2021250381 (22) 31.03.2021  
 (54) Method for producing multispecific antigen-binding molecules  
 (51) Int. Cl.  
 C07K 16/46 ( 2006.01 )  
 C07K 1/113 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 C12N 15/13 ( 2006.01 )  
 (87) WO2021/201087  
 (31) 2020-062601 (32) 31.03.20 (33) JP  
 (43) 07.10.2021  
 (72) CHICHILI, Vishnu Priyanka Reddy; PANG, Chai Ling; KAWA, Tatsuya; FENG, Shu; GAN, Siok Wan; TAKA-HASHI, Noriyuki; MURAOA, Masaru  
 (74) Spruson & Ferguson
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- (71) Cj Cheiljedang Corporation  
 (11) AU-A-2021222089  
 (21) 2021222089 (22) 19.02.2021  
 (54) Packing box folding system  
 (51) Int. Cl.  
 B65B 61/00 ( 2006.01 )  
 B65B 43/00 ( 2006.01 )  
 B65G 15/00 ( 2006.01 )  
 (87) WO2021/167403  
 (31) 10-2020-0020681 (32) 19.02.20 (33) KR  
 (43) 26.08.2021  
 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property

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- (71) Cj Cheiljedang Corporation  
 (11) AU-A-2021222855  
 (21) 2021222855 (22) 19.02.2021  
 (54) Arrangement system for arranging item drawn out from packing box  
 (51) Int. Cl.  
 B65G 47/244 ( 2006.01 )  
 B65G 37/00 ( 2006.01 )  
 B65G 43/08 ( 2006.01 )  
 B65G 47/84 ( 2006.01 )  
 B65G 47/91 ( 2006.01 )  
 (87) WO2021/167401  
 (31) 10-2020-0020679 (32) 19.02.20 (33) KR  
 (43) 26.08.2021  
 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property
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- (71) Cj Cheiljedang Corporation  
 (11) AU-A-2021222857  
 (21) 2021222857 (22) 19.02.2021  
 (54) System for inverting packaging box  
 (51) Int. Cl.  
 B65G 47/248 ( 2006.01 )  
 B65G 15/12 ( 2006.01 )  
 B65G 37/00 ( 2006.01 )  
 (87) WO2021/167404  
 (31) 10-2020-0020682 (32) 19.02.20 (33) KR  
 (43) 26.08.2021  
 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property
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- (71) Cj Cheiljedang Corporation  
 (11) AU-A-2021222858  
 (21) 2021222858 (22) 19.02.2021  
 (54) Withdrawal system for withdrawing article from packaging box  
 (51) Int. Cl.  
 B65G 65/23 ( 2006.01 )  
 B65G 47/90 ( 2006.01 )  
 (87) WO2021/167406  
 (31) 10-2020-0020684 (32) 19.02.20 (33) KR  
 (43) 26.08.2021  
 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property
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- (71) CJ CheilJedang Corporation  
 (11) AU-A-2021222856  
 (21) 2021222856 (22) 19.02.2021  
 (54) Opening system of packaging box  
 (51) Int. Cl.  
 B65B 69/00 ( 2006.01 )  
 B65B 43/26 ( 2006.01 )  
 B65B 43/30 ( 2006.01 )  
 (87) WO2021/167402  
 (31) 10-2020-0020680 (32) 19.02.20 (33) KR
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- (43) 26.08.2021  
 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property
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- (71) CJ CheilJedang Corporation  
 (11) AU-A-2021224444  
 (21) 2021224444 (22) 19.02.2021  
 (54) Withdrawal system for withdrawing items from packaging box  
 (51) Int. Cl.  
 B65G 47/91 ( 2006.01 )  
 B65G 15/12 ( 2006.01 )  
 B65G 37/00 ( 2006.01 )  
 B65G 47/244 ( 2006.01 )  
 B65G 47/84 ( 2006.01 )  
 (87) WO2021/167400  
 (31) 10-2020-0020678 (32) 19.02.20 (33) KR  
 (43) 26.08.2021  
 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property
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- (71) CJ CheilJedang Corporation  
 (11) AU-A-2021224445  
 (21) 2021224445 (22) 19.02.2021  
 (54) System for removing packaging film from article  
 (51) Int. Cl.  
 B65B 69/00 ( 2006.01 )  
 B65H 3/08 ( 2006.01 )  
 B65H 3/22 ( 2006.01 )  
 (87) WO2021/167405  
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 (72) KIM, Myung Ho; PARK, Sung Woo; SUNG, Bong Yong; SON, Hee Dong; KIM, Dae Hwa; KIM, Sun Kyu; KIM, Soo Hyun; KIM, Hak Dong; JUNG, In Soo  
 (74) James & Wells Intellectual Property
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- (71) Codiak BioSciences, Inc.  
 (11) AU-A-2021234375  
 (21) 2021234375 (22) 15.03.2021  
 (54) Targeted delivery of extracellular vesicles  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 9/127 ( 2006.01 )  
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 (72) VERMA, Ajay; ZHANG, Wei; XU, Ke; PATEL, Shailendra  
 (74) Spruson & Ferguson
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- (71) Codiak BioSciences, Inc.  
 (11) AU-A-2021236763  
 (21) 2021236763 (22) 22.03.2021  
 (54) Extracellular vesicles for therapy  
 (51) Int. Cl.  
 C07K 14/705 ( 2006.01 )  
 A61K 9/127 ( 2006.01 )  
 A61K 31/7084 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 A61K 39/215 ( 2006.01 )  
 A61K 39/39 ( 2006.01 )  
 A61K 45/00 ( 2006.01 )  
 A61K 47/69 ( 2017.01 )  
 A61P 31/00 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
 A61P 33/02 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C12N 15/62 ( 2006.01 )  
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 (72) SATHYANARAYANAN, Sriram; SOOS, Tim; XU, Ke; NOYES, Aaron; DOOLEY, Kevin P.; ZHANG, Eric; MCCOY, Christine; FINN, Jonathan  
 (74) Spruson & Ferguson
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- (71) Collidion, Inc.  
 (11) AU-A-2020428560  
 (21) 2020428560 (22) 14.06.2020  
 (54) Compositions, kits, methods and uses for cleaning, disinfecting, sterilizing and/or treating  
 (51) Int. Cl.  
 A01N 25/22 ( 2006.01 )  
 A01N 59/06 ( 2006.01 )  
 A01N 59/20 ( 2006.01 )  
 A61L 2/18 ( 2006.01 )  
 (87) WO2021/162736  
 (31) 62/977,095 (32) 14.02.20 (33) US  
 (43) 19.08.2021  
 (72) ALIMLI, Hojabr; PRASAD, Sridhar Govinda; SINHA, Santosh C.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Compagnie Generale des Etablissements Michelin  
 (11) AU-A-2021253733  
 (21) 2021253733 (22) 06.04.2021  
 (54) Rubber composition comprising low-melting-point polyamide  
 (51) Int. Cl.  
 B60C 1/00 ( 2006.01 )  
 C08K 3/04 ( 2006.01 )  
 C08K 3/36 ( 2006.01 )  
 C08L 9/06 ( 2006.01 )  
 C08L 15/00 ( 2006.01 )  
 C08L 77/10 ( 2006.01 )  
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| (72) LIBERT, Romain; WAECKERLE, Nicolas   | (72) LYNSTADAAS, Ståle Petter; HAU-GEN, Håvard J.                             | (43) 30.09.2021   |          |    |
| (74) Griffith Hack  | (74) FB Rice Pty Ltd  | (72) PALMER, Tim  |          |    |
|   |   | (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD  |          |    |
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| (71) Compumedics Limited  | (71) Corticalis AS  | (71) Cyteir Therapeutics, Inc.  |          |    |
| (11) AU-A-2021429161  | (11) AU-A-2021238760  | (11) AU-A-2021231802  |          |    |
| (21) 2021429161 (22) 25.02.2021   | (21) 2021238760 (22) 18.03.2021   | (21) 2021231802 (22) 03.03.2021   |          |    |
| (54) Localizing physiological signals   | (54) Improved liquid composition for cleaning, sanitizing and/or disinfecting | (54) The RAD51 inhibitor Compound 67A (2301085-06-1) at a specific dosage for treating cancer |          |    |
| (51) Int. Cl.   | (51) Int. Cl.   | (51) Int. Cl.   |          |    |
| A61B 5/245 (2021.01)  | A61Q 17/00 (2006.01)  | A61K 31/426 (2006.01)   |          |    |
| A61B 5/372 (2021.01)  | A61K 8/22 (2006.01)   | A61P 35/00 (2006.01)  |          |    |
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| (72) WAGNER, Michael  | 16/840,921 06.04.20 US  | 63/148,683 12.02.21 US  |          |    |
| (74) COMPUMEDICS LIMITED  | (43) 23.09.2021   | (43) 10.09.2021   |          |    |
|   | (72) LYNSTADAAS, Ståle Petter; HAU-GEN, Håvard J.                             | (72) O'SHEA, Thomas; RENSCHLER, Markus; BOWSER, Todd; LAPIERRE, Jean-Marc; MILLS, Kevin       |          |    |
|   | (74) FB Rice Pty Ltd  | (74) FPA Patent Attorneys Pty Ltd   |          |    |
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| (71) Copperstone Technologies Ltd.  | (71) Crown Equipment Corporation  | (71) Daikin Industries, Ltd.  |          |    |
| (11) AU-A-2021234948  | (11) AU-A-2021261001  | (11) AU-A-2021220063  |          |    |
| (21) 2021234948 (22) 09.03.2021   | (21) 2021261001 (22) 23.04.2021   | (21) 2021220063 (22) 10.02.2021   |          |    |
| (54) All-terrain vehicle  | (54) Calibration of a distance and range measurement device                   | (54) Data collection system, reception-side device, and data collection method                |          |    |
| (51) Int. Cl.   | (51) Int. Cl.   | (51) Int. Cl.   |          |    |
| B62D 57/036 (2006.01)   | G01S 7/497 (2006.01)  | H04Q 9/00 (2006.01)   |          |    |
| B60F 3/00 (2006.01)   | B66F 9/075 (2006.01)  | G06F 13/00 (2006.01)  |          |    |
| B60F 5/00 (2006.01)   | G01S 17/08 (2006.01)  | H04M 11/00 (2006.01)  |          |    |
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| (72) LIPSETT, Michael G.; OLMEDO, Nicolas A.; YUEN, James D.                    | (72) THEOS, Sebastian   | (72) NOHARA, Kenta; NAKATSUKA, Gou  |          |    |
| (74) AJ PARK  | (74) Griffith Hack  | (74) Spruson & Ferguson   |          |    |
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| (71) Corn Products Development, Inc.  | (71) Cullis-Hill, S.  | (71) Damon Motors Inc.  |          |    |
| (11) AU-A-2021249121  | (11) AU-A-2021234945  | (11) AU-A-2021230418  |          |    |
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| (54) Plant-based analog meat compositions and methods of manufacture            | (54) Treatment for coronavirus infection and associated cytokine toxicity     | (54) Cell holder with intermediate tray   |          |    |
| (51) Int. Cl.   | (51) Int. Cl.   | (51) Int. Cl.   |          |    |
| A23L 11/00 (2021.01)  | A61K 31/737 (2006.01)   | H01M 50/258 (2021.01)   |          |    |
| A23J 3/22 (2006.01)   | A61P 29/00 (2006.01)  | H01M 50/262 (2021.01)   |          |    |
| (87) WO2021/202805  | A61P 31/12 (2006.01)  | H01M 50/271 (2021.01)   |          |    |
| (31) 63/004,429 (32) 02.04.20 (33) US   | A61P 37/00 (2006.01)  | (87) WO2021/174339  |          |    |
| (43) 07.10.2021   | (87) WO2021/179047  | (31) 62/985,280 (32) 04.03.20 (33) US   |          |    |
| (72) ALDERTON, Amy; BIAN, Ying; DAR, Yadunandan; NAGULESWARAN, Nagul; YANG, Xin | (31) 2020900751 (32) 12.03.20 (33) AU   | 62/985,290 04.03.20 US  |          |    |
| (74) Spruson & Ferguson   | 2020904824 23.12.20 AU  | 17/144,131 07.01.21 US  |          |    |
|   | (43) 16.09.2021   | (43) 10.09.2021   |          |    |
|   | (72) CULLIS-HILL, Sydney David  | (72) DORRESTEYN, Derek  |          |    |
|   | (74) FPA Patent Attorneys Pty Ltd   | (74) Davies Collison Cave Pty Ltd   |          |    |
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| (71) Corticalis AS  | (71) Cure Medical LLC   | (71) Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation                     |          |    |
| (11) AU-A-2021238758  | (11) AU-A-2021241514  | (11) AU-A-2021236643  |          |    |
| (21) 2021238758 (22) 18.03.2021   | (21) 2021241514 (22) 23.03.2021   | (21) 2021236643 (22) 17.03.2021   |          |    |
| (54) A multi-functional cleaning and/or debridement composition                 | (54) Pre-lubricated female urinary catheter package                           | (54) Targeted degraders of aberrant tau based on the pet tracer PBB3                          |          |    |
| (51) Int. Cl.   | (51) Int. Cl.   | (51) Int. Cl.   |          |    |
| A01N 25/04 (2006.01)  | A61M 25/00 (2006.01)  | A61K 31/4166 (2006.01)  |          |    |
| A01N 59/00 (2006.01)  | A61M 25/01 (2006.01)  | A61K 31/381 (2006.01)   |          |    |
| A61K 9/06 (2006.01)   | A61M 27/00 (2006.01)  | A61K 31/495 (2006.01)   |          |    |
| A61K 9/08 (2006.01)   | (87) WO2021/195018  | (87) WO2021/188667  |          |    |
| A61K 31/327 (2006.01)   | (31) 16/827,276 (32) 23.03.20 (33) US   | (31) 62/991,359 (32) 18.03.20 (33) US   |          |    |
| A61K 47/34 (2017.01)  | 17/168,017 04.02.21 US  |   |          |    |
| A61L 15/08 (2006.01)  |   |   |          |    |
| A61L 15/44 (2006.01)  |   |   |          |    |
| A61L 15/60 (2006.01)  |   |   |          |    |
| A61L 26/00 (2006.01)  |   |   |          |    |
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| (31) 20164045.5 (32) 18.03.20 (33) EP   |   |   |          |    |



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 (72) FERGUSON, Fleur M.; GRAY, Nathanael S.; HAGGARTY, Stephen J.; TE-LO BAPTISTA LIMA DA SILVA, Maria Catarina  
 (74) Spruson & Ferguson
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- (71) Darcy, E.  
 (11) AU-A-2021219586  
 (21) 2021219586 (22) 16.02.2021  
 (54) Aperture locating apparatus, system, and method  
 (51) Int. Cl.  
*G01D 21/00* ( 2006.01 )  
*G01B 1/00* ( 2006.01 )  
*G01R 19/00* ( 2006.01 )  
*H02G 15/00* ( 2006.01 )  
 (87) WO2021/159189  
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 (72) DARCY, Earl  
 (74) AUSTRALASIA IP PTY LTD
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- (71) Depuy Synthes Products, Inc.  
 (11) AU-A-2021235557  
 (21) 2021235557 (22) 11.03.2021  
 (54) Compression nut and a system for treating a bone  
 (51) Int. Cl.  
*A61B 17/68* ( 2006.01 )  
*A61B 17/72* ( 2006.01 )  
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 (72) AEBI, This; SPREITER, Gregor; SCHERRER, Simon; DEFOSSEZ, Henri  
 (74) Spruson & Ferguson
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- (71) DePuy Synthes Products, Inc.  
 (11) AU-A-2021220693  
 (21) 2021220693 (22) 27.01.2021  
 (54) Technologies for monitoring and predicting impaction state of an orthopaedic surgical implement during an orthopaedic surgical procedure  
 (51) Int. Cl.  
*A61F 2/46* ( 2006.01 )  
*A61B 17/16* ( 2006.01 )  
*A61B 17/92* ( 2006.01 )  
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*A61B 90/00* ( 2016.01 )  
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 (43) 19.08.2021  
 (72) BECK, Clinton A.  
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- (71) DexCom, Inc.  
 (11) AU-A-2021262765  
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 (54) Adaptive decision support systems  
 (51) Int. Cl.  
*G06N 5/02* ( 2006.01 )  
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 (72) SIMPSON, Peter C.; CRAWFORD, Margaret Anne; JOHNSON, Matthew Lawrence; VYAS, Neha; KAMATH, Apurv Ullas  
 (74) FB Rice Pty Ltd
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- (71) Digital Seat Media, Inc.  
 (11) AU-A-2021231931  
 (21) 2021231931 (22) 07.03.2021  
 (54) System and method for location-based individualized content and mobile wallet offers  
 (51) Int. Cl.  
*G06Q 30/00* ( 2012.01 )  
 (87) WO2021/179019  
 (31) 16/812,203 (32) 06.03.20 (33) US  
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 (43) 10.09.2021  
 (72) FOWLER, Cameron; SULLIVAN, Matthew  
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Dometic Sweden AB  
 (11) AU-A-2021237758  
 (21) 2021237758 (22) 17.03.2021  
 (54) Heating apparatus and recreational vehicle with heating apparatus  
 (51) Int. Cl.  
*F23D 17/00* ( 2006.01 )  
*B60H 1/22* ( 2006.01 )  
*F23D 23/00* ( 2006.01 )  
*F24H 6/00* ( 2006.01 )  
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 (31) 10 2020 203 424.9 (32) 17.03.20 (33) DE  
 (43) 23.09.2021  
 (72) STRANG, Kenneth; JONES, Russell; PARKIN, Alan; WAN, Hadylee; THOMAS, Korbin; DICKEY, Aaron; GARON, Pierre; ROHRICK, Nathaniel  
 (74) Spruson & Ferguson
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- (71) Dometic Sweden AB  
 (11) AU-A-2021238656  
 (21) 2021238656 (22) 17.03.2021  
 (54) Heating apparatus, recreational vehicle with heating apparatus and method for heating fluids in a recreational vehicle  
 (51) Int. Cl.  
*F23D 17/00* ( 2006.01 )  
*B60H 1/22* ( 2006.01 )  
 (87) WO2021/185903  
 (31) 10 2020 203 423.0 (32) 17.03.20 (33) DE  
 (43) 23.09.2021  
 (72) STRANG, Kenneth; JONES, Russell; PARKIN, Alan; WAN, Hadylee; THOMAS, Korbin; DICKEY, Aaron; GARON, Pierre; ROHRICK, Nathaniel  
 (74) Spruson & Ferguson
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- (71) Dometic Sweden AB  
 (11) AU-A-2021238665  
 (21) 2021238665 (22) 17.03.2021  
 (54) Heating apparatus, recreational vehicle with heating apparatus and method for heating fluids in a recreational vehicle  
 (51) Int. Cl.
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- (71) Dow Global Technologies LLC; Rohm and Haas Company  
 (11) AU-A-2021238293  
 (21) 2021238293 (22) 15.03.2021  
 (54) Process and catalyst for oxidative esterification with long-life catalyst  
 (51) Int. Cl.  
*B01J 23/52* ( 2006.01 )  
*B01J 21/06* ( 2006.01 )  
*B01J 23/66* ( 2006.01 )  
*B01J 35/00* ( 2006.01 )  
*B01J 37/02* ( 2006.01 )  
*C07C 67/39* ( 2006.01 )  
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 (43) 23.09.2021  
 (72) LIMBACH, Kirk W.; FRICK, Christopher D.; LEE, Wen -Sheng; SUSSMAN, Victor J.; KRAPCHETOV, Dmitry A.; HERRON, Jeffrey A.  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) DSM IP Assets, B.V.  
 (11) AU-A-2021236325  
 (21) 2021236325 (22) 12.03.2021  
 (54) Methods of modulating gastrointestinal microbial metabolic pathways and metabolites  
 (51) Int. Cl.  
*C07H 3/06* ( 2006.01 )  
*A61K 31/702* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
*A61P 1/14* ( 2006.01 )  
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 (31) 62/989,107 (32) 13.03.20 (33) US  
 (43) 16.09.2021  
 (72) SCHYNS, Ghislain; CLAYPOOL, Joshua Thomas; GEREMIA, John Michael  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Duke University  
 (11) AU-A-2021239868  
 (21) 2021239868 (22) 16.03.2021  
 (54) Methods and compositions for improved type I-E CRISPR based gene silencing  
 (51) Int. Cl.  
*C12N 1/20* ( 2006.01 )  
*A61K 38/46* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
*C12N 1/00* ( 2006.01 )  
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 (87) WO2021/188554  
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 (72) LYNCH, Michael D.; YE, Zhixia; MOREB, Eirik; LEBEAU, Juliana  
 (74) James & Wells Intellectual Property
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- (71) Duracell U.S. Operations, Inc.  
 (11) AU-A-2021273919  
 (21) 2021273919 (22) 21.05.2021  
 (54) Seal assembly for a battery cell  
 (51) Int. Cl.  
*H01M 10/04* ( 2006.01 )  
*H01M 50/107* ( 2021.01 )  
*H01M 50/148* ( 2021.01 )  
*H01M 50/152* ( 2021.01 )  
*H01M 50/171* ( 2021.01 )  
*H01M 50/184* ( 2021.01 )  
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 (87) WO2021/237079  
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 (43) 25.11.2021  
 (72) ASHBOLT, Mark T.; ALLEN, Daniel G.; PODOPRIGORA, Oleg  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Eaton Intelligent Power Limited  
 (11) AU-A-2021234708  
 (21) 2021234708 (22) 02.03.2021  
 (54) Power source for a voltage regulation device  
 (51) Int. Cl.  
*G05F 1/14* ( 2006.01 )  
 (87) WO2021/180363  
 (31) 62/988,550 (32) 12.03.20 (33) US  
 (43) 16.09.2021  
 (72) SCHAAR, Jonathan Michael; ZHAO, Tiefu; WANG, Yafeng  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) Eh Group Engineering Ag  
 (11) AU-A-2020443722  
 (21) 2020443722 (22) 20.04.2020  
 (54) Fluid guiding assembly  
 (51) Int. Cl.  
*H01M 8/023* ( 2016.01 )  
*H01M 8/0204* ( 2016.01 )  
*H01M 8/0247* ( 2016.01 )  
*H01M 8/0258* ( 2016.01 )  
*H01M 8/241* ( 2016.01 )  
 (87) WO2021/213613  
 (43) 28.10.2021  
 (72) MATIAN, Mardit  
 (74) Griffith Hack
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- (71) Eisai R&D Management Co., Ltd.  
 (11) AU-A-2021250160  
 (21) 2021250160 (22) 29.03.2021  
 (54) Tablet, medicine, and method and kit for manufacturing said tablet and medicine  
 (51) Int. Cl.  
*A61K 47/26* ( 2006.01 )  
*A61K 9/20* ( 2006.01 )  
*A61K 47/32* ( 2006.01 )  
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*A61K 47/38* ( 2006.01 )
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- (87) WO2021/200767  
 (31) 2020-062818 (32) 31.03.20 (33) JP  
 (43) 07.10.2021  
 (72) SANO, Shusuke; ARASE, Shuntaro; SHIKATA, Futoshi  
 (74) Davies Collison Cave Pty Ltd
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- (71) Electrolux Home Products, Inc.  
 (11) AU-A-2021249244  
 (21) 2021249244 (22) 25.03.2021  
 (54) Ice maker  
 (51) Int. Cl.  
*F25C 1/24* ( 2018.01 )  
 (87) WO2021/202215  
 (31) 16/836,007 (32) 31.03.20 (33) US  
 (43) 07.10.2021  
 (72) OLVERA, Jose Carlos Trejo; MCCOLLOUGH, Thomas W.; BAUER, Matthias; SPIESSL, Georg  
 (74) Halfords IP
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- (71) Electrolux Home Products, Inc.  
 (11) AU-A-2021251644  
 (21) 2021251644 (22) 25.03.2021  
 (54) Revolving ice maker  
 (51) Int. Cl.  
*F25C 1/10* ( 2006.01 )  
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 (51) Int. Cl.  
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*F25D 21/00* ( 2006.01 )  
*F25D 21/08* ( 2006.01 )  
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*A61P 31/04* ( 2006.01 )  
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*A61L 15/42* ( 2006.01 )  
*A61L 15/44* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.  
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*C10B 53/02* ( 2006.01 )  
*B09B 3/00* ( 2006.01 )  
*C10L 5/44* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
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*C07K 14/55* ( 2006.01 )  
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 (51) Int. Cl.  
*A61H 3/04* ( 2006.01 )  
*A47C 3/20* ( 2006.01 )  
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*A61G 5/02* ( 2006.01 )  
*A61G 5/08* ( 2006.01 )  
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*A61B 18/02* ( 2006.01 )  
*A61F 7/02* ( 2006.01 )  
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*A61M 5/31* ( 2006.01 )  
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 (51) Int. Cl.  
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*A01N 1/02* ( 2006.01 )  
*A61K 38/12* ( 2006.01 )  
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*A61P 13/12* ( 2006.01 )  
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*A61P 1/18* ( 2006.01 )  
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*A61P 31/00* ( 2006.01 )  
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*A61P 31/12* ( 2006.01 )  
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*F16B 12/00* ( 2006.01 )  
*F16B 12/18* ( 2006.01 )  
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*A61M 25/00* ( 2006.01 )  
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 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Modular raft system  
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**B63B 35/38** ( 2006.01 )  
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**F24S 20/70** ( 2018.01 )  
**F24S 25/60** ( 2018.01 )  
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 (54) Subsea hydrocarbon flowline system and related method and use  
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**F16L 53/34** ( 2018.01 )  
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**A01N 59/16** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
**A01N 25/34** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
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 (51) Int. Cl.  
**F28F 9/02** ( 2006.01 )  
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 (51) Int. Cl.  
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**F25B 39/00** ( 2006.01 )  
**F28D 1/053** ( 2006.01 )  
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**C07H 21/02** ( 2006.01 )  
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(54) Automatic warehouse for storing objects and method for controlling an automatic warehouse  
(51) Int. Cl.  
B65G 1/137 ( 2006.01 )  
G07F 11/00 ( 2006.01 )  
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(51) Int. Cl.  
G06Q 20/12 ( 2012.01 )  
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H04L 67/1001 ( 2022.01 )  
H04L 67/63 ( 2022.01 )  
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G01V 1/36 ( 2006.01 )  
G01V 1/00 ( 2006.01 )  
G01V 1/30 ( 2006.01 )  
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(51) Int. Cl.  
B64C 39/02 ( 2006.01 )  
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(54) Method for providing blanks from a fibre web  
(51) Int. Cl.  
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(72) DIETACHMAYR, Harald  
(74) FB Rice Pty Ltd
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(51) Int. Cl.  
B29C 70/54 ( 2006.01 )  
B29C 70/30 ( 2006.01 )  
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(51) Int. Cl.  
A61P 29/00 ( 2006.01 )  
A61K 31/4709 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07D 401/14 ( 2006.01 )  
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(72) DEMPANH, Kassibla E.; SHI, Bing; VOICA, Ana F.; WILLIAMSON, Kevin S.  
(74) FPA Patent Attorneys Pty Ltd
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- (71) GNT Pharma Co., Ltd.  
(11) AU-A-2021233206  
(21) 2021233206 (22) 10.03.2021  
(54) Compositions and methods for treating reperfusion injury or hemorrhage after recanalization therapy  
(51) Int. Cl.  
A61K 31/196 ( 2006.01 )  
A61K 45/06 ( 2006.01 )  
A61P 9/10 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
C07C 229/64 ( 2006.01 )  
(87) WO2021/181159  
(31) 62/988,187 (32) 11.03.20 (33) US
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- (43) 16.09.2021  
(72) GWAG, Byoung Joo; AN, Chun San; JIN, Jing Yu; CHO, Sung Ig; ZHU, Fangmeng; XU, Xinliang; ZHAN, Weiqiang; LIU, Fuxin; WON, Soon-Mi  
(74) Pearce IP Pty Ltd
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- (71) Graco Minnesota Inc.  
(11) AU-A-2021246059  
(21) 2021246059 (22) 31.03.2021  
(54) Electrically operated displacement pump  
(51) Int. Cl.  
F04B 9/02 ( 2006.01 )  
F04B 1/02 ( 2006.01 )  
F04B 17/03 ( 2006.01 )  
F04B 43/02 ( 2006.01 )  
F04B 49/06 ( 2006.01 )  
F04B 53/08 ( 2006.01 )  
F04B 53/18 ( 2006.01 )  
(87) WO2021/202689  
(31) 63/002,674 (32) 31.03.20 (33) US  
(43) 07.10.2021  
(72) HINES, Bradley, H.; SCHEIERL, Paul, W.; KOEHN, Brian W.; HIGGINS, Jacob D.; PAAR, Benjamin J.; FEHR, David L.  
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- (71) Graco Minnesota Inc.  
(11) AU-A-2021246060  
(21) 2021246060 (22) 31.03.2021  
(54) Electrically operated pump for a plural component spray system  
(51) Int. Cl.  
F04B 13/02 ( 2006.01 )  
F04B 23/02 ( 2006.01 )  
(87) WO2021/202698  
(31) 63/002,685 (32) 31.03.20 (33) US  
(43) 07.10.2021  
(72) THEISEN, Matthew R.; GRAF, Arthur T.; COLBY, Bryan K.; ERICSON, Andrew J.; STUDDT, Nicholas K.; BECKMANN, Erich W.  
(74) Spruson & Ferguson
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- (71) Graco Minnesota Inc.  
(11) AU-A-2021248926  
(21) 2021248926 (22) 31.03.2021  
(54) Electrically operated linear pump  
(51) Int. Cl.  
F04B 9/02 ( 2006.01 )  
F04B 17/03 ( 2006.01 )  
F04B 53/12 ( 2006.01 )  
F04B 53/16 ( 2006.01 )  
(87) WO2021/202695  
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(43) 07.10.2021  
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(74) Spruson & Ferguson

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 (11) AU-A-2020428277  
 (21) 2020428277 (22) 12.02.2020  
 (54) Sol application methods  
 (51) Int. Cl.  
*C01B 13/32* ( 2006.01 )  
*C01B 33/14* ( 2006.01 )  
*C01G 19/02* ( 2006.01 )  
*C01G 23/053* ( 2006.01 )  
*C01G 25/02* ( 2006.01 )  
*C08B 31/00* ( 2006.01 )  
*C08J 5/00* ( 2006.01 )  
*C09D 7/62* ( 2018.01 )  
*D21H 17/00* ( 2006.01 )  
 (87) WO2021/160979  
 (43) 19.08.2021  
 (72) ISMAIL, Fanya  
 (74) Chrysiliou IP

(71) Grifols Worldwide Operations Limited  
 (11) AU-A-2021225310  
 (21) 2021225310 (22) 22.02.2021  
 (54) Method for obtaining Alpha-1 Proteinase Inhibitor  
 (51) Int. Cl.  
*C07K 14/81* ( 2006.01 )  
*B01D 61/14* ( 2006.01 )  
 (87) WO2021/170531  
 (31) 62/981,410 (32) 25.02.20 (33) US  
 (43) 02.09.2021  
 (72) REBBEOR, James; YUZIUK, Jeffrey A.; GRADY, George; MCBRIDE, Dennis  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Hackensack Meridian Health, Inc.  
 (11) AU-A-2021218762  
 (21) 2021218762 (22) 16.02.2021  
 (54) Platelet-derived mitochondria treatment and method of generating multipotent cells  
 (51) Int. Cl.  
*C12N 5/074* ( 2010.01 )  
*C12N 5/078* ( 2010.01 )  
*C12N 5/095* ( 2010.01 )  
 (87) WO2021/163697  
 (31) 62/976,830 (32) 14.02.20 (33) US  
 (43) 19.08.2021  
 (72) ZHAO, Yong; YU, Haibo; HU, Wei; SONG, Xiang  
 (74) Spruson & Ferguson

(71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020446573  
 (21) 2020446573 (22) 18.12.2020  
 (54) Ball valves, methods to close a ball valve, and methods to form a well barrier  
 (51) Int. Cl.  
*E21B 34/08* ( 2006.01 )  
*E21B 34/14* ( 2006.01 )  
*F16K 27/02* ( 2006.01 )  
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 (43) 11.11.2021  
 (72) INGLIS, Peter D.W.; DAVIES, Katherine Ann  
 (74) Spruson & Ferguson

(71) Heartfelt Technologies Ltd  
 (11) AU-A-2021233227  
 (21) 2021233227 (22) 10.03.2021  
 (54) Cascaded feature detectors for improved stream processing efficiency  
 (51) Int. Cl.  
*G06K 9/00* ( 2006.01 )  
*G06K 9/62* ( 2006.01 )  
 (87) WO2021/181264  
 (31) 2003434.4 (32) 10.03.20 (33) GB  
 (43) 16.09.2021  
 (72) HUSHEER, Shamus Louis Godfrey; WILLIAMS, Gareth Paul; NIEZNAŃSKI, Michał  
 (74) Michael Buck IP

(71) Heat and Control, Inc.  
 (11) AU-A-2021259524  
 (21) 2021259524 (22) 21.04.2021  
 (54) Method for producing a multilayered coated food product  
 (51) Int. Cl.  
*A23P 20/10* ( 2016.01 )  
*A23P 20/20* ( 2016.01 )  
 (87) WO2021/214697  
 (31) MX/a/2020/004236 (32) 23.04.20 (33) MX  
 (43) 28.10.2021  
 (72) BECERRA ANDRADE, Emmanuel; CARIDIS, Andrew Anthony  
 (74) Spruson & Ferguson

(71) Heptares Therapeutics Limited  
 (11) AU-A-2021235257  
 (21) 2021235257 (22) 15.03.2021  
 (54) GPR52 modulator compounds  
 (51) Int. Cl.  
*A61P 25/00* ( 2006.01 )  
*A61K 31/415* ( 2006.01 )  
*A61K 31/4192* ( 2006.01 )  
*C07D 231/14* ( 2006.01 )  
*C07D 249/16* ( 2006.01 )  
 (87) WO2021/181122  
 (31) 2003668.7 (32) 13.03.20 (33) GB  
 (43) 16.09.2021  
 (72) BUCKNELL, Sarah Joanne; WATSON, Stephen Paul; O'BRIEN, Michael Alistair  
 (74) Madderns Pty Ltd

(71) Heptares Therapeutics Limited  
 (11) AU-A-2021236951  
 (21) 2021236951 (22) 16.03.2021  
 (54) Oral GLP receptor agonists  
 (51) Int. Cl.  
*A61K 38/26* ( 2006.01 )  
*C07K 14/605* ( 2006.01 )  
 (87) WO2021/186169  
 (31) 2003764.4 (32) 16.03.20 (33) GB  
 2003766.9 16.03.20 GB  
 (43) 23.09.2021  
 (72) BROWN, Giles Albert; CONGREVE, Miles Stuart; SCULLY, Conor; PAUL, Rebecca; MUTO, Susumu; WADA, Hiroki; NUKUI, Seiji  
 (74) Madderns Pty Ltd

(71) Heptares Therapeutics Limited  
 (11) AU-A-2021237811  
 (21) 2021237811 (22) 16.03.2021  
 (54) GLP receptor agonists  
 (51) Int. Cl.  
*A61K 38/26* ( 2006.01 )  
*C07K 14/605* ( 2006.01 )  
 (87) WO2021/186166  
 (31) 2003762.8 (32) 16.03.20 (33) GB  
 (43) 23.09.2021  
 (72) BROWN, Giles Albert; CONGREVE, Miles Stuart; SCULLY, Conor; PAUL, Rebecca; BORTOLATO, Andrea  
 (74) Madderns Pty Ltd

(71) Herrera Muñoz, J.  
 (11) AU-A-2020435468  
 (21) 2020435468 (22) 13.03.2020  
 (54) Carrier device for grouping and transporting a set of beverage cans  
 (51) Int. Cl.  
*B65D 71/42* ( 2006.01 )  
*B65B 17/02* ( 2006.01 )  
*B65D 17/40* ( 2006.01 )  
*B65D 71/50* ( 2006.01 )  
 (87) WO2021/179099  
 (43) 16.09.2021  
 (72) HERRERA MUÑOZ, Jorge Fundador  
 (74) K&L Gates

(71) Hitachi Metals, Ltd.  
 (11) AU-A-2021233462  
 (21) 2021233462 (22) 12.03.2021  
 (54) Method for manufacturing hot-forged member  
 (51) Int. Cl.  
*B21J 1/02* ( 2006.01 )  
*B21J 3/00* ( 2006.01 )  
*B21J 5/00* ( 2006.01 )  
 (87) WO2021/182606  
 (31) 2020-044483 (32) 13.03.20 (33) JP  
 (43) 16.09.2021  
 (72) YAMASHITA, Yoji; AOKI, Chuya; KOBAYASHI, Shinichi  
 (74) WRAYS PTY LTD

(71) Hitch Hotel, Inc.  
 (11) AU-A-2021228653  
 (21) 2021228653 (22) 24.02.2021  
 (54) Wheeled assembly  
 (51) Int. Cl.

*B62D 63/06* ( 2006.01 )  
*B60D 1/14* ( 2006.01 )  
*B60D 1/167* ( 2006.01 )  
*B60D 1/54* ( 2006.01 )  
 (87) WO2021/173699  
 (31) 62/980,828 (32) 24.02.20 (33) US  
 (43) 02.09.2021  
 (72) PATTERSON, Geoff; PATTERSON, Jeremy; NELSON, Grant  
 (74) FB Rice Pty Ltd

(71) Hollister Incorporated  
 (11) AU-A-2021232951  
 (21) 2021232951 (22) 11.03.2021  
 (54) Urinary catheters with improved shape recovery and ease of use

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

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**A61M 27/00** ( 2006.01 )  
**A61L 2/08** ( 2006.01 )  
**A61L 29/00** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )
- (87) WO2021/183718  
(31) 62/989,277 (32) 13.03.20 (33) US  
(43) 16.09.2021  
(72) SELLERS, Brent H.; HEALY, Paul;  
ARNOLD, William K.; MONTES DE  
OCA BALDERAS, Horacio  
(74) Spruson & Ferguson
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- (71) Huahui Health Ltd.; National Institute of  
Biological Sciences, Beijing  
(11) AU-A-2021228098  
(21) 2021228098 (22) 27.02.2021  
(54) Soluble ACE2 and fusion protein, and  
applications thereof  
(51) Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
(87) WO2021/170131  
(31) 202010124368.4 (32) 27.02.20 (33) CN  
(43) 02.09.2021  
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SUI, Jianhua; LIU, Juan; MAO, Feng-  
feng; LIU, Ximing  
(74) WRAYS PTY LTD
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- (71) Huaneng Clean Energy Research Insti-  
tute  
(11) AU-A-2021325250  
(21) 2021325250 (22) 12.08.2021  
(54) SYSTEM AND METHOD FOR WASH-  
ING, DESULFURIZING AND DECAR-  
BONIZING FLUE GAS WITH LOW  
TEMPERATURE PENTANE  
(51) Int. Cl.  
**B01D 5/00** ( 2006.01 )  
**B01D 7/00** ( 2006.01 )  
**B01D 53/00** ( 2006.01 )  
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(31) 202010820840.8 (32) 14.08.20 (33) CN  
(43) 17.02.2022  
(72) WANG, Shiqing; GAO, Shiwang; XU,  
Shisen; XIAO, Ping; JIANG, Minhua;  
HUANG, Bin  
(74) Madderns Pty Ltd
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- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021233050  
(21) 2021233050 (22) 10.03.2021  
(54) Communication method and apparatus  
(51) Int. Cl.  
**H04L 1/16** ( 2006.01 )  
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(31) 202010172223.1 (32) 12.03.20 (33) CN  
(43) 16.09.2021  
(72) LI, Yunbo; GAN, Ming; GUO, Yuchen;  
ZHOU, Yifan  
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- (71) Huawei Technologies Co., Ltd.  
(11) AU-A-2021234588  
(21) 2021234588 (22) 12.03.2021  
(54) Data transmission method and device,  
chip system, computer readable stor-  
age medium  
(51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
(87) WO2021/180203  
(31) 202010172790.7 (32) 12.03.20 (33) CN  
(43) 16.09.2021  
(72) YU, Jian; HU, Mengshi; GAN, Ming; LI-  
ANG, Dandan  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Ideal Warehouse Innovations, Inc.  
(11) AU-A-2021218699  
(21) 2021218699 (22) 12.02.2021  
(54) Trailer stand  
(51) Int. Cl.  
**B65G 69/34** ( 2006.01 )  
**B62D 53/06** ( 2006.01 )  
**F16M 11/20** ( 2006.01 )  
**B60S 9/02** ( 2006.01 )  
(87) WO2021/159212  
(31) 62/975,810 (32) 13.02.20 (33) US  
(43) 19.08.2021  
(72) DI BIASE, Joseph J.; CHUNG, Timothy  
Hing-yan  
(74) FB Rice Pty Ltd
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- (71) IHI Inspection and Instrumentation Co.,  
Ltd.  
(11) AU-A-2021237051  
(21) 2021237051 (22) 03.03.2021  
(54) Method for predicting and evaluating  
adhesion of combustion ash in coal-  
mixed combustion boiler  
(51) Int. Cl.  
**F22B 37/38** ( 2006.01 )  
**F23K 1/00** ( 2006.01 )  
(87) WO2021/187103  
(31) 2020-048170 (32) 18.03.20 (33) JP  
(43) 23.09.2021  
(72) CHIE, Kenjiro; SHIGETA, Junichi;  
TAKANO, Takashi; NAGASHIMA, Yoichi  
(74) Griffith Hack
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- (71) Impact Selector International, LLC  
(11) AU-A-2021234382  
(21) 2021234382 (22) 08.03.2021  
(54) Downhole wheel assembly  
(51) Int. Cl.  
**E21B 23/00** ( 2006.01 )  
(87) WO2021/184036  
(31) 62/987,309 (32) 09.03.20 (33) US  
(43) 16.09.2021  
(72) MARTIN, Brandon; MASSEY, James  
Patrick  
(74) HopgoodGanin
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- (71) Imperial College Innovations Limited  
(11) AU-A-2021242030  
(21) 2021242030 (22) 26.03.2021  
(54) Coronavirus vaccine  
(51) Int. Cl.  
**A61K 39/12** ( 2006.01 )
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- A61P 31/14** ( 2006.01 )  
(87) WO2021/191630  
(31) 2004493.9 (32) 27.03.20 (33) GB  
(43) 30.09.2021  
(72) SHATTOCK, Robin; MCKAY, Paul;  
BLAKNEY, Anna  
(74) FPA Patent Attorneys Pty Ltd
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- (71) Ingevity South Carolina, LLC  
(11) AU-A-2021239986  
(21) 2021239986 (22) 17.03.2021  
(54) Tall oil derived glycidyl esters and pro-  
cess of making the same  
(51) Int. Cl.  
**C07D 301/27** ( 2006.01 )  
(87) WO2021/188613  
(31) 62/992,461 (32) 20.03.20 (33) US  
(43) 23.09.2021  
(72) WANG, Bing; GANEWATTA, Mitra  
(74) MINTER ELLISON
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- (71) Inguran, LLC  
(11) AU-A-2021236605  
(21) 2021236605 (22) 15.03.2021  
(54) Systems and method for correction of  
positionally dependent electromagnetic  
radiation detected from objects within a  
fluid column  
(51) Int. Cl.  
**G01N 15/14** ( 2006.01 )  
**C12Q 1/02** ( 2006.01 )  
**G01N 21/63** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
(87) WO2021/188441  
(31) 16/820,585 (32) 16.03.20 (33) US  
(43) 23.09.2021  
(72) KIESEL, Peter; KARIN, Todd; EVANS,  
Kenneth Michael  
(74) AJ PARK
- 
- (71) Inorbit Therapeutics AB  
(11) AU-A-2021219332  
(21) 2021219332 (22) 11.02.2021  
(54) Compounds useful in inhibiting keto-  
hexokinase and methods of making and  
using the same  
(51) Int. Cl.  
**A61K 31/506** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
(87) WO2021/161023  
(31) 2001856.0 (32) 11.02.20 (33) GB  
(43) 19.08.2021  
(72) BENTHEM, Lambertus; JUDKINS,  
Robert  
(74) Davies Collison Cave Pty Ltd
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- (71) Inovio Pharmaceuticals, Inc.  
(11) AU-A-2021236756  
(21) 2021236756 (22) 19.03.2021  
(54) Vacuum-assisted electroporation  
devices, and related systems and meth-  
ods  
(51) Int. Cl.  
**A61N 1/32** ( 2006.01 )

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

**A61N 1/04** ( 2006.01 )  
**A61N 1/18** ( 2006.01 )  
**A61N 1/20** ( 2006.01 )  
**A61N 1/30** ( 2006.01 )  
**(87)** WO2021/189012  
**(31)** 62/992,513 **(32)** 20.03.20 **(33)** US  
**(43)** 23.09.2021  
**(72)** FISHER, Paul; KEMME, Andrea;  
 SCHADE, Eric; MCCOY, Jay; BROD-  
 ERICK, Kate; GENEROTTI, Alison A.  
**(74)** FB Rice Pty Ltd

**(71)** Institut National Des Radioéléments;  
 Centre d'Etude de l'Energie Nucléaire  
**(11)** AU-A-2021220602  
**(21)** 2021220602 **(22)** 10.02.2021  
**(54)** A method for the digestion of a uranium  
 based material  
**(51)** Int. Cl.  
**G21F 9/30** ( 2006.01 )  
**G21G 1/00** ( 2006.01 )  
**G21G 1/02** ( 2006.01 )  
**G21G 4/00** ( 2006.01 )  
**G21G 4/08** ( 2006.01 )  
**(87)** WO2021/160691  
**(31)** 20156652.8 **(32)** 11.02.20 **(33)** EP  
**(43)** 19.08.2021  
**(72)** CEA, Andrew Ken; HOST, Valery  
 Claude Lino G.; LEENAERS, Ann  
 Josefina Georgette; WYLOCK, Chris-  
 tophe Etienne Michel; VAN DEN  
 BERGHE, Sven; PARDOEN, Thomas  
**(74)** AJ PARK

**(71)** InsuSense ApS  
**(11)** AU-A-2021236930  
**(21)** 2021236930 **(22)** 19.03.2021  
**(54)** Sortilin antagonists for use in the treat-  
 ment of diabetic retinopathy  
**(51)** Int. Cl.  
**A61K 31/192** ( 2006.01 )  
**A61K 31/435** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 27/02** ( 2006.01 )  
**(87)** WO2021/186054  
**(31)** 20164345.9 **(32)** 19.03.20 **(33)** EP  
**(43)** 23.09.2021  
**(72)** KJOLBY, Mads Fuglsang; NYKJAER,  
 Anders; LITTLE, Paul; JURGEIT, An-  
 dreas  
**(74)** WRAYS PTY LTD

**(71)** Intuit Inc.  
**(11)** AU-A-2022203582  
**(21)** 2022203582 **(22)** 01.03.2022  
**(54)** Dynamic scheduling system with per-  
 formance-based access  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**(31)** 17/205,819 **(32)** 18.03.21 **(33)** US  
**(43)** 06.10.2022  
**(72)** CUARTERO, Jeffrey  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Inventio AG  
**(11)** AU-A-2021235130  
**(21)** 2021235130 **(22)** 12.03.2021  
**(54)** Elevator system with queueing function  
 for robot traffic  
**(51)** Int. Cl.  
**B66B 1/24** ( 2006.01 )  
**(87)** WO2021/180907  
**(31)** 20162865.8 **(32)** 13.03.20 **(33)** EP  
**(43)** 16.09.2021  
**(72)** BLOOMGREN, Ryan  
**(74)** Griffith Hack

**(71)** Inventio AG  
**(11)** AU-A-2021236184  
**(21)** 2021236184 **(22)** 02.03.2021  
**(54)** Method for forming a guide structure for  
 guiding an elevator car in an elevator  
 shaft  
**(51)** Int. Cl.  
**B66B 19/00** ( 2006.01 )  
**B66B 7/02** ( 2006.01 )  
**(87)** WO2021/180510  
**(31)** 20162762.7 **(32)** 12.03.20 **(33)** EP  
**(43)** 16.09.2021  
**(72)** CAMBRUZZI, Andrea; GEISSHÜSLER,  
 Michael; MEIERHANS, Daniel;  
 STUDER, Christian; STÄHLI, Julian  
**(74)** Griffith Hack

**(71)** Inversago Pharma Inc.  
**(11)** AU-A-2021242808  
**(21)** 2021242808 **(22)** 24.03.2021  
**(54)** Solid dispersions of amorphous 3, 4-di-  
 phenyl-4, 5-dihydro- 1H-pyrazole deriv-  
 atives, compositions comprising them  
 and uses thereof as cannabinoid CB  
**(51)** Int. Cl.  
**C07D 231/06** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 31/415** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**(87)** WO2021/189141  
**(31)** 62/993,775 **(32)** 24.03.20 **(33)** US  
**(43)** 30.09.2021  
**(72)** RAVENELLE, Francois; VALDES,  
 Norelys; BETANCOURT, Aimesther O.;  
 GOSSELIN, Patrick  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Janssen Biotech, Inc.  
**(11)** AU-A-2021218265  
**(21)** 2021218265 **(22)** 12.02.2021  
**(54)** Safe and effective method of treating ul-  
 cerative colitis with anti-IL-12/IL23 anti-  
 body  
**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2021/161270  
**(31)** 62/976,582 **(32)** 14.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** JOHANNNS, Jewel; LI, Katherine;  
 MARANO, Colleen; STRAUSS,  
 Richard; ZHANG, Hongyan; O'BRIEN,  
 Christopher; ADEDOKUN, Omoniyi;  
 SHIELDS-TUTTLE, Kimberly  
**(74)** Spruson & Ferguson

**(71)** Janssen Biotech, Inc.  
**(11)** AU-A-2021220007  
**(21)** 2021220007 **(22)** 12.02.2021  
**(54)** Neoantigens expressed in ovarian can-  
 cer and their uses  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2021/161244  
**(31)** 62/976,384 **(32)** 14.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** BHARGAVA, Vipul; KRISHNA, Vinod;  
 POCALYKO, David J.; SAFABAKHSH,  
 Pegah; SEPULVEDA, Manuel Alejandro  
**(74)** Spruson & Ferguson

**(71)** Janssen Biotech, Inc.  
**(11)** AU-A-2021220009  
**(21)** 2021220009 **(22)** 12.02.2021  
**(54)** Treatment of patients having c-Met  
 exon 14 skipping mutations  
**(51)** Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**(87)** WO2021/161262  
**(31)** 62/975,406 **(32)** 12.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** KNOBLAUCH, Roland; MOORES,  
 Sheri; LAQUERRE, Sylvie  
**(74)** Spruson & Ferguson

**(71)** Janssen Biotech, Inc.  
**(11)** AU-A-2021220348  
**(21)** 2021220348 **(22)** 12.02.2021  
**(54)** Neoantigens expressed in multiple my-  
 eloma and their uses  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**(87)** WO2021/161245  
**(31)** 62/976,386 **(32)** 14.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** BHARGAVA, Vipul; KRISHNA, Vinod;  
 PATEL, Jaymala; POCALYKO, Dav-  
 id J.; RAJPUROHIT, Yashoda Rani;  
 SAFABAKHSH, Pegah; SEPULVEDA,  
 Manuel Alejandro  
**(74)** Spruson & Ferguson

**(71)** Janssen Biotech, Inc.  
**(11)** AU-A-2021234327  
**(21)** 2021234327 **(22)** 12.03.2021  
**(54)** Materials and methods for modulating  
 delta chain mediated immunity  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )  
**(87)** WO2021/183845  
**(31)** 62/989,111 **(32)** 13.03.20 **(33)** US



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- (71) Janssen Pharmaceutica NV  
 (11) AU-A-2021219948  
 (21) 2021219948 (22) 11.02.2021  
 (54) FGFR tyrosine kinase inhibitors and anti-PD1 agents for the treatment of urothelial carcinoma  
 (51) Int. Cl.  
 A61K 31/498 ( 2006.01 )  
 A61K 31/555 ( 2006.01 )  
 A61K 33/243 ( 2019.01 )  
 A61K 39/395 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 35/04 ( 2006.01 )
- (87) WO2021/160763  
 (31) 62/975,526 (32) 12.02.20 (33) US  
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- (43) 19.08.2021  
 (72) MONGA, Manish  
 (74) Spruson & Ferguson
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- (71) Janssen Pharmaceutica NV  
 (11) AU-A-2021220285  
 (21) 2021220285 (22) 11.02.2021  
 (54) FGFR tyrosine kinase inhibitors for the treatment of high-risk non-muscle invasive bladder cancer  
 (51) Int. Cl.  
 A61K 31/498 ( 2006.01 )  
 A61P 35/04 ( 2006.01 )
- (87) WO2021/160764  
 (31) 62/975,547 (32) 12.02.20 (33) US  
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- (43) 19.08.2021  
 (72) MONGA, Manish; BAIG, Mahadi Ali  
 (74) Spruson & Ferguson
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- (71) Janssen Pharmaceutica NV  
 (11) AU-A-2021220539  
 (21) 2021220539 (22) 09.02.2021  
 (54) Monoacylglycerol lipase modulators  
 (51) Int. Cl.  
 C07D 401/08 ( 2006.01 )  
 A61K 31/403 ( 2006.01 )  
 A61K 31/423 ( 2006.01 )  
 A61K 31/438 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 A61P 27/00 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 403/08 ( 2006.01 )  
 C07D 413/08 ( 2006.01 )
- (87) WO2021/160602  
 (31) 62/972,484 (32) 10.02.20 (33) US  
 (43) 19.08.2021  
 (72) AMERIKS, Michael K.; BERRY, Cynthia B.; GARCIA-REYNAGA, Pablo; LA-FORTEZA, Brian Ngo; LIANG, Jimmy T.  
 (74) Spruson & Ferguson
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- (71) Japan Tobacco Inc.  
 (11) AU-A-2021237149  
 (21) 2021237149 (22) 18.03.2021  
 (54) Treatment or prevention method for chronic heart failure  
 (51) Int. Cl.  
 A61K 45/00 ( 2006.01 )  
 A61K 31/4155 ( 2006.01 )  
 A61K 31/4439 ( 2006.01 )  
 A61K 31/506 ( 2006.01 )  
 A61P 9/04 ( 2006.01 )  
 C07D 401/14 ( 2006.01 )  
 C07D 403/12 ( 2006.01 )  
 C07D 403/14 ( 2006.01 )
- (87) WO2021/187548  
 (31) 2020-048798 (32) 19.03.20 (33) JP  
 (43) 23.09.2021  
 (72) OKUMA, Chihiro; SANO, Ryuhei; TOMIMOTO, Daisuke; NAKANE, Yoshitomi  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Johnson & Johnson Consumer Inc.  
 (11) AU-A-2021219060  
 (21) 2021219060 (22) 11.02.2021  
 (54) Massage bar  
 (51) Int. Cl.  
 A61K 8/02 ( 2006.01 )  
 A61K 8/34 ( 2006.01 )  
 A61K 8/92 ( 2006.01 )  
 A61K 8/9789 ( 2017.01 )  
 A61Q 19/10 ( 2006.01 )  
 C11D 17/00 ( 2006.01 )
- (87) WO2021/161211  
 (31) 62/972,797 (32) 11.02.20 (33) US  
 (43) 19.08.2021  
 (72) GRECO, Joseph; MACIEJEWSKI, Jessica; DINAPOLI MARZANO, Alexandria; WAGNER, Mary Rose  
 (74) Spruson & Ferguson
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- (71) Joy Global Surface Mining Inc.  
 (11) AU-A-2021236143  
 (21) 2021236143 (22) 10.03.2021  
 (54) Systems, methods, and devices for controlling the operation of an industrial machine based on a pipe attribute  
 (51) Int. Cl.  
 E21B 7/02 ( 2006.01 )  
 E21B 19/15 ( 2006.01 )  
 E21B 19/16 ( 2006.01 )  
 E21B 47/12 ( 2012.01 )
- (87) WO2021/183670  
 (31) 62/987,485 (32) 10.03.20 (33) US  
 (43) 16.09.2021  
 (72) HAWORTH, Samuel  
 (74) Griffith Hack
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- (71) Jubilant Pharma Holdings Inc.  
 (11) AU-A-2021241639  
 (21) 2021241639 (22) 25.03.2021  
 (54) Radiopharmaceutical dispensing system  
 (51) Int. Cl.  
 A61B 6/00 ( 2006.01 )  
 B67D 99/00 ( 2010.01 )
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 (31) 63/001,048 (32) 27.03.20 (33) US  
 (43) 30.09.2021  
 (72) NANDI, Indranil  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Keros Therapeutics, Inc.  
 (11) AU-A-2021237730  
 (21) 2021237730 (22) 19.03.2021  
 (54) Activin receptor type II chimeras and methods of use thereof  
 (51) Int. Cl.  
 A61K 38/00 ( 2006.01 )  
 A61K 38/16 ( 2006.01 )  
 A61K 38/17 ( 2006.01 )  
 A61K 38/18 ( 2006.01 )  
 A61K 47/68 ( 2017.01 )  
 C07K 14/705 ( 2006.01 )
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- (43) 23.09.2021  
 (72) SEEHRA, Jasbir S.; LACHEY, Jennifer; TSENG, Claire; O'NEILL, Jason; THØGERSEN, Henning; FURUTANI, Elissa  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Kheiros Pater Inovação S.A; Universidade Federal de Uberlândia  
 (11) AU-A-2021220753  
 (21) 2021220753 (22) 12.02.2021  
 (54) Method for producing decellularized biomaterial, decellularized biomaterial and use thereof  
 (51) Int. Cl.  
 A61K 47/00 ( 2006.01 )  
 A61K 38/00 ( 2006.01 )  
 A61K 47/16 ( 2006.01 )  
 A61L 31/06 ( 2006.01 )  
 A61L 31/16 ( 2006.01 )
- (87) WO2021/159198  
 (31) 62/976,956 (32) 14.02.20 (33) US  
 (43) 19.08.2021  
 (72) RICARDO GOULART FILHO, Luiz; DE SOUZA CASTRO FILICE, Letícia; PEIXOTO RODRIGUES, Jessica; REGINA DA COSTA SILVA, Jéssica; BATISTA FERNANDES GASPARI, Paula; CAROLINE RESENDE CORRÊA, Natássia; REZENDE ROSA, Roberta; MENDONÇA RODRIGUES, Cláudia; CARVALHO BARBOSA, Matheus; SANTOS PIMENTEL, Leticia; SOUSA QUIRINO, Ludmilla  
 (74) Davies Collison Cave Pty Ltd
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- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-A-2020429455  
 (21) 2020429455 (22) 21.02.2020  
 (54) Dispensing system  
 (51) Int. Cl.  
 G06Q 10/06 ( 2012.01 )  
 G06Q 10/04 ( 2012.01 )  
 A47K 5/06 ( 2006.01 )  
 A47K 10/24 ( 2006.01 )

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**(87)** WO2021/167623  
**(43)** 26.08.2021  
**(72)** HOWELL, Reilly; BECKER, Stephen  
**(74)** Spruson & Ferguson
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- (71)** Kissei Pharmaceutical Co., Ltd.  
**(11)** AU-A-2021233433  
**(21)** 2021233433 **(22)** 10.03.2021  
**(54)** Crystal of imidazopyridinone compound or salt thereof  
**(51)** Int. Cl.  
*A61P 1/04* ( 2006.01 )  
*A61K 31/4188* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
**(87)** WO2021/182490  
**(31)** 2020-041453 **(32)** 11.03.20 **(33)** JP  
**(43)** 16.09.2021  
**(72)** TAKEUCHI, Hideki; KIJIMA, Yoshiro; MORIYAMA, Akihiro  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** KoiReader Technologies, Inc.  
**(11)** AU-A-2021234286  
**(21)** 2021234286 **(22)** 10.03.2021  
**(54)** Edge computing device and system for vehicle, container, railcar, trailer, and driver verification  
**(51)** Int. Cl.  
*G06Q 10/08* ( 2012.01 )  
*G06K 9/00* ( 2006.01 )  
**(87)** WO2021/183641  
**(31)** 62/988,082 **(32)** 11.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** PRASAD, Ashutosh; PRASAD, Vivek  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Komatsu Ltd.  
**(11)** AU-A-2021292816  
**(21)** 2021292816 **(22)** 13.05.2021  
**(54)** System and method for controlling work machine, and work machine  
**(51)** Int. Cl.  
*E02F 3/85* ( 2006.01 )  
*E02F 9/20* ( 2006.01 )  
**(87)** WO2021/256136  
**(31)** 2020-105941 **(32)** 19.06.20 **(33)** JP  
**(43)** 23.12.2021  
**(72)** KADONO, Yuuichi  
**(74)** Spruson & Ferguson
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- (71)** Kyocera Corporation; The University of Tokyo  
**(11)** AU-A-2021234765  
**(21)** 2021234765 **(22)** 12.03.2021  
**(54)** Predicting device, predicting system, control method, and control program  
**(51)** Int. Cl.  
*A61B 6/00* ( 2006.01 )  
**(87)** WO2021/182595  
**(31)** 2020-044699 **(32)** 13.03.20 **(33)** JP  
**(43)** 16.09.2021  
**(72)** WATANABE, Kenichi; KYOMOTO, Masayuki; HASHIDA, Masahiko;
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- HONDA, Shintaro; SASAKI, Takashi; MORO, Toru; TANAKA, Sakae  
**(74)** FB Rice Pty Ltd
- 
- (71)** Lancium LLC  
**(11)** AU-A-2021228704  
**(21)** 2021228704 **(22)** 26.02.2021  
**(54)** Computing system arrangement based on ramping capabilities  
**(51)** Int. Cl.  
*H02J 3/14* ( 2006.01 )  
*H02J 3/38* ( 2006.01 )  
**(87)** WO2021/173973  
**(31)** 16/803,109 **(32)** 27.02.20 **(33)** US  
**(43)** 02.09.2021  
**(72)** MCNAMARA, Michael T.; CLINE Jr., Raymond E.  
**(74)** Spruson & Ferguson
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- (71)** LanzaTech, Inc.  
**(11)** AU-A-2021237368  
**(21)** 2021237368 **(22)** 15.01.2021  
**(54)** Fermentative production of 2-phenylethanol from gaseous substrates  
**(51)** Int. Cl.  
*C12N 15/74* ( 2006.01 )  
*C12N 9/04* ( 2006.01 )  
*C12N 9/88* ( 2006.01 )  
*C12P 7/22* ( 2006.01 )  
**(87)** WO2021/188190  
**(31)** 62/991,428 **(32)** 18.03.20 **(33)** US  
**(43)** 23.09.2021  
**(72)** LIEW, Fungmin; KOEPKE, Michael; NAGARAJU, Shilpa; HARRIS, Audrey  
**(74)** SR Intellectual Property
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- (71)** Leidos Security Detection & Automation U.K. Ltd  
**(11)** AU-A-2021233040  
**(21)** 2021233040 **(22)** 12.03.2021  
**(54)** Baggage and parcel loading end effectors, system, and methods of use  
**(51)** Int. Cl.  
*B25J 9/16* ( 2006.01 )  
*B25J 15/00* ( 2006.01 )  
*B25J 15/06* ( 2006.01 )  
*B64F 1/36* ( 2017.01 )  
*B65G 61/00* ( 2006.01 )  
**(87)** WO2021/183958  
**(31)** 62/988,633 **(32)** 12.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** SWANSON, Brian; KILIBARDA, Velibor; KINSELLA, Martin; FINZEL, Bryan; TAPPO, Freddie; FRAZER, William; HAMEL, Kenneth  
**(74)** RnB IP Pty Ltd
- 
- (71)** Leidos Security Detection & Automation U.K. Ltd  
**(11)** AU-A-2021233042  
**(21)** 2021233042 **(22)** 12.03.2021  
**(54)** Baggage and parcel handling system and method  
**(51)** Int. Cl.  
*B65G 47/68* ( 2006.01 )  
*B64F 1/36* ( 2017.01 )  
*B65G 65/00* ( 2006.01 )
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- B65G 65/23* ( 2006.01 )  
*B65G 67/32* ( 2006.01 )  
**(87)** WO2021/183968  
**(31)** 62/988,574 **(32)** 12.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** SWANSON, Brian; COTTLE, Richard; WOODS, Luke Thomas; WATT, William Edward; KILIBARDA, Velibor; FINZEL, Bryan; TAPPO, Freddie; FRAZER, William; HAMEL, Kenneth; KINSELLA, Martin  
**(74)** RnB IP Pty Ltd
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- (71)** Leidos Security Detection & Automation U.K. Ltd  
**(11)** AU-A-2021233979  
**(21)** 2021233979 **(22)** 12.03.2021  
**(54)** Baggage and parcel handling system  
**(51)** Int. Cl.  
*G06Q 10/08* ( 2012.01 )  
**(87)** WO2021/183957  
**(31)** 62/988,412 **(32)** 12.03.20 **(33)** US  
**(43)** 16.09.2021  
**(72)** HAMEL, Kenneth; COTTLE, Richard; WOODS, Luke Thomas; WATT, William Edward; MACDONALD, Mick William; KILIBARDA, Velibor; TAPPO, Freddie; FRAZER, William; FINZEL, Bryan; KINSELLA, Martin  
**(74)** RnB IP Pty Ltd
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- (71)** LG Chem, Ltd.  
**(11)** AU-A-2021237185  
**(21)** 2021237185 **(22)** 17.03.2021  
**(54)** GLP-1 receptor agonist, pharmaceutical composition comprising same, and method for preparing same  
**(51)** Int. Cl.  
*C07D 405/14* ( 2006.01 )  
*A61K 31/4439* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
**(87)** WO2021/187886  
**(31)** 10-2020-0033477 **(32)** 18.03.20 **(33)** KR  
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**(43)** 23.09.2021  
**(72)** KIM, Young Kwan; JO, Min Mi; PARK, Jun  
**(74)** Griffith Hack
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**(11)** AU-A-2020427991  
**(21)** 2020427991 **(22)** 27.11.2020  
**(54)** Solar battery, and solar battery panel and method for manufacturing same  
**(51)** Int. Cl.  
*H01L 31/0368* ( 2006.01 )  
*H01L 31/02* ( 2006.01 )  
*H01L 31/0216* ( 2014.01 )  
*H01L 31/0224* ( 2006.01 )  
*H01L 31/0328* ( 2006.01 )  
*H01L 31/18* ( 2006.01 )  
**(87)** WO2021/162216  
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 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.  
 (11) AU-A-2021247958  
 (21) 2021247958 (22) 30.03.2021  
 (54) Wet mop module for cleaner  
 (51) Int. Cl.  
 A47L 11/40 ( 2006.01 )  
 (87) WO2021/201563  
 (31) 10-2020-0038162 (32) 30.03.20 (33) KR  
 (43) 07.10.2021  
 (72) SONG, Byoungtack; SONG, Moonsoo  
 (74) FB Rice Pty Ltd
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- (71) Liebherr-Mining Equipment Colmar SAS  
 (11) AU-A-2021245294  
 (21) 2021245294 (22) 26.03.2021  
 (54) Change system for wear parts of an excavator bucket of an earthmoving machine  
 (51) Int. Cl.  
 E02D 17/13 ( 2006.01 )  
 E02F 9/28 ( 2006.01 )  
 (87) WO2021/198050  
 (31) 10 2020 109 010.2 (32) 01.04.20 (33) DE  
 (43) 07.10.2021  
 (72) WEBER, Gérard; VICQ, Martial  
 (74) Spruson & Ferguson
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- (71) Locks4Vans Ltd  
 (11) AU-A-2021219094  
 (21) 2021219094 (22) 12.02.2021  
 (54) A lock assembly for a vehicle load compartment  
 (51) Int. Cl.  
 E05B 83/12 ( 2014.01 )  
 E05B 63/00 ( 2006.01 )  
 E05C 1/02 ( 2006.01 )  
 E05C 9/04 ( 2006.01 )  
 E05C 9/06 ( 2006.01 )  
 (87) WO2021/161042  
 (31) 2002015.2 (32) 13.02.20 (33) GB  
 (43) 19.08.2021  
 (72) BATTERBEE, Christopher  
 (74) Ahearn Fox
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- (71) Locus Robotics Corp.  
 (11) AU-A-2021230331  
 (21) 2021230331 (22) 04.03.2021  
 (54) Robot obstacle collision prediction and avoidance  
 (51) Int. Cl.  
 G05D 1/02 ( 2020.01 )  
 (87) WO2021/178614  
 (31) 16/809,810 (32) 05.03.20 (33) US  
 (43) 10.09.2021  
 (72) MOORE, Thomas  
 (74) Raven IP
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 (11) AU-A-2020429125  
 (21) 2020429125 (22) 22.10.2020  
 (54) Tandem photovoltaic device and production method  
 (51) Int. Cl.  
 H01L 31/078 ( 2012.01 )  
 (87) WO2021/159728  
 (31) 202010091544.9 (32) 13.02.20 (33) CN  
 (43) 19.08.2021  
 (72) WU, Zhao; XU, Chen; LI, Zifeng  
 (74) WRAYS PTY LTD
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- (71) Longyear TM, Inc.; Globaltech Corporation Pty Ltd.  
 (11) AU-A-2021219048  
 (21) 2021219048 (22) 12.02.2021  
 (54) Systems and methods for measuring depth within a borehole  
 (51) Int. Cl.  
 E21B 47/04 ( 2012.01 )  
 E21B 44/00 ( 2006.01 )  
 E21B 47/02 ( 2006.01 )  
 E21B 47/26 ( 2012.01 )  
 G01B 21/18 ( 2006.01 )  
 G01C 19/00 ( 2013.01 )  
 (87) WO2021/161103  
 (31) 62/975,418 (32) 12.02.20 (33) US  
 (43) 19.08.2021  
 (72) TOMASZEWSKI, Adam; STEWART, Gordon  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Look For The Power, LLC.  
 (11) AU-A-2021241522  
 (21) 2021241522 (22) 23.03.2021  
 (54) Evaporative cooler and moisture condenser with vapor recovery and method  
 (51) Int. Cl.  
 F25D 5/00 ( 2006.01 )  
 B01F 23/20 ( 2022.01 )  
 F24F 6/12 ( 2006.01 )  
 (87) WO2021/195042  
 (31) 16/829,580 (32) 25.03.20 (33) US  
 (43) 30.09.2021  
 (72) SAAVEDRA, John  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Macrogenics, Inc.  
 (11) AU-A-2021224787  
 (21) 2021224787 (22) 16.02.2021  
 (54) CD137 binding molecules and uses thereof  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 C07K 14/715 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 C12P 21/08 ( 2006.01 )  
 (87) WO2021/167885  
 (31) 62/980,000 (32) 21.02.20 (33) US  
 63/147,565 09.02.21 US  
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 (43) 26.08.2021  
 (72) BEREZHNOY, Alexey Yevgenyevich; DIEDRICH, Gundo; MOORE, Paul A.; BONVINI, Ezio; SHAH, Kalpana  
 (74) Spruson & Ferguson
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- (71) Manneschi, A.  
 (11) AU-A-2021256736  
 (21) 2021256736 (22) 14.04.2021  
 (54) Security body scanner employing radiant energy and associated detecting method  
 (51) Int. Cl.  
 G01S 13/88 ( 2006.01 )  
 G01S 13/89 ( 2006.01 )  
 G01V 3/10 ( 2006.01 )  
 (87) WO2021/209505  
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 (51) Int. Cl.  
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 B65D 81/38 ( 2006.01 )  
 B32B 29/08 ( 2006.01 )  
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 (51) Int. Cl.  
 A61B 50/33 ( 2016.01 )  
 A45C 11/00 ( 2006.01 )  
 A61B 50/30 ( 2016.01 )  
 A61B 50/31 ( 2016.01 )  
 A61J 1/00 ( 2006.01 )  
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 (51) Int. Cl.  
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**A61P 25/00** ( 2006.01 )  
**C07K 14/665** ( 2006.01 )  
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 (54) Integrated multipoint fixation screw  
 (51) Int. Cl.  
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 (51) Int. Cl.  
**B60L 53/51** ( 2019.01 )  
**B60L 53/52** ( 2019.01 )  
**B60L 53/54** ( 2019.01 )  
**B60L 53/65** ( 2019.01 )  
**B60L 53/68** ( 2019.01 )  
**H01M 8/04302** ( 2016.01 )  
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 (54) Method of evaluating printhead condition  
 (51) Int. Cl.  
**B41J 2/21** ( 2006.01 )  
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**G06F 3/12** ( 2006.01 )  
**G06N 3/00** ( 2006.01 )  
**G06N 3/04** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
**G06T 7/00** ( 2017.01 )  
**H04N 1/60** ( 2006.01 )  
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**A61K 31/541** ( 2006.01 )  
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 (51) Int. Cl.  
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**G16H 50/20** ( 2018.01 )  
**G16H 50/30** ( 2018.01 )  
**A61B 5/021** ( 2006.01 )  
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 (74) Madderns Pty Ltd
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**E06B 9/54** ( 2006.01 )  
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 (74) Griffith Hack
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**F16L 23/036** ( 2006.01 )  
**C21C 5/34** ( 2006.01 )  
**C21C 5/46** ( 2006.01 )  
**F16L 23/02** ( 2006.01 )  
**F27D 3/16** ( 2006.01 )  
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 (51) Int. Cl.  
**G06N 10/00** ( 2019.01 )  
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 (74) Davies Collison Cave Pty Ltd
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 (54) Measurement-only majorana-based surface code architecture  
 (51) Int. Cl.  
**G06N 10/00** ( 2019.01 )  
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**H01L 39/22** ( 2006.01 )

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 ERKOM, David Johannes; CHINNI,  
 Vinay Kumar; SINGH, Amrita  
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**(11)** AU-A-2020440799  
**(21)** 2020440799 **(22)** 30.03.2020  
**(54)** Method of fabricating gates  
**(51)** Int. Cl.  
**H01L 27/18** ( 2006.01 )  
**H01L 29/06** ( 2006.01 )  
**H01L 29/423** ( 2006.01 )  
**H01L 39/22** ( 2006.01 )  
**H01L 39/24** ( 2006.01 )  
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**(72)** OP HET VELD, Roy Leonardus Maria;  
 JUNG, Jason Petros Heinrich; VAN  
 VELDHOVEN, Petrus Johannes  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Mitsubishi Electric Corporation  
**(11)** AU-A-2020438588  
**(21)** 2020438588 **(22)** 27.03.2020  
**(54)** Rotor, electric motor, compressor, refri-  
 geration cycle device, and air condition-  
 ing device  
**(51)** Int. Cl.  
**H02K 1/27** ( 2006.01 )  
**(87)** WO2021/192231  
**(43)** 30.09.2021  
**(72)** HIROSAWA, Yuji; NIGO, Masahiro  
**(74)** Griffith Hack
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**(11)** AU-A-2020438872  
**(21)** 2020438872 **(22)** 24.03.2020  
**(54)** Temperature-sensing device, and in-  
 door unit of air conditioner provided  
 with said temperature-sensing device  
**(51)** Int. Cl.  
**F24F 11/89** ( 2018.01 )  
**G01J 5/04** ( 2006.01 )  
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 SUNAGA, Naoya  
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**(11)** AU-A-2021370613  
**(21)** 2021370613 **(22)** 28.10.2021  
**(54)** Floating body  
**(51)** Int. Cl.  
**B63B 25/16** ( 2006.01 )  
**B63J 2/14** ( 2006.01 )  
**F17C 13/00** ( 2006.01 )  
**(87)** WO2022/092200  
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**(72)** MORIMOTO, Shinsuke; ABE, Kazuya;  
 TSUMURA, Kenji  
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- (71)** Moleda AS  
**(11)** AU-A-2021238570  
**(21)** 2021238570 **(22)** 15.03.2021  
**(54)** Plant treatment assembly and associ-  
 ated method  
**(51)** Int. Cl.  
**A01G 7/00** ( 2006.01 )  
**A01M 1/20** ( 2006.01 )  
**(87)** WO2021/185763  
**(31)** 20200314 **(32)** 16.03.20 **(33)** NO  
**(43)** 23.09.2021  
**(72)** MYHRENE, Ole; BAREL, Marten  
**(74)** Michael Buck IP
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**(11)** AU-A-2021246802  
**(21)** 2021246802 **(22)** 02.04.2021  
**(54)** Agricultural fluid deposition aid  
**(51)** Int. Cl.  
**A01N 25/00** ( 2006.01 )  
**A01N 25/24** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
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 CN2020/083215 **(32)** 03.04.20 **(33)** CN  
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 George A.; NAUE, Jeferson A.; YONG,  
 Long; CAO, Zhengya  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2021233771  
**(21)** 2021233771 **(22)** 05.02.2021  
**(54)** Barley protein production process  
**(51)** Int. Cl.  
**A23L 35/00** ( 2016.01 )  
**A61K 31/015** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**(87)** WO2021/183238  
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**(72)** BRADLEY, Clifford A.; KEARNS, Robert  
 D.  
**(74)** Adams Pluck
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**(11)** AU-A-2020226203  
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**(54)** Power monitoring  
**(51)** Int. Cl.  
**G01R 19/165** ( 2006.01 )  
**G01R 15/00** ( 2006.01 )  
**G01R 19/25** ( 2006.01 )  
**G05B 23/02** ( 2006.01 )  
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 Alfred  
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 Dunkirk Investments Pty Ltd  
**(11)** AU-A-2021237982  
**(21)** 2021237982 **(22)** 16.03.2021  
**(54)** Prefabricated wall assembly and meth-  
 od therefor  
**(51)** Int. Cl.  
**E04C 2/288** ( 2006.01 )  
**E04B 2/90** ( 2006.01 )  
**E04C 2/04** ( 2006.01 )  
**(87)** WO2021/184067  
**(31)** 2020900804 **(32)** 16.03.20 **(33)** AU  
 2020903423 23.09.20 AU  
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**(72)** ZARAFETAS, Constantine Michael Raf-  
 fael; ZARAFETAS, Neville Anthony;  
 MCCLELLAND, Neil  
**(74)** IP Guardian Pty Ltd
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- (71)** MUSC Foundation for Research Devel-  
 opment  
**(11)** AU-A-2021226916  
**(21)** 2021226916 **(22)** 24.02.2021  
**(54)** Expandable vertebral body replacement  
 device and method  
**(51)** Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61F 2/44** ( 2006.01 )  
**(87)** WO2021/174247  
**(31)** 62/980,824 **(32)** 24.02.20 **(33)** US  
**(43)** 02.09.2021  
**(72)** SEMLER, Mark Evald; FRANKEL,  
 Bruce; RUSCITO, Joseph  
**(74)** Integrated IP
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- (71)** Nammi Therapeutics, Inc.  
**(11)** AU-A-2021223336  
**(21)** 2021223336 **(22)** 19.02.2021  
**(54)** Formulated and/or co-formulated lipo-  
 some compositions containing TGFB  
 antagonist prodrugs useful in the treat-  
 ment of cancer and methods thereof  
**(51)** Int. Cl.  
**A61K 47/54** ( 2017.01 )  
**A61K 47/69** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
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**(31)** 62/995,887 **(32)** 19.02.20 **(33)** US  
**(43)** 26.08.2021  
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 HAY, Bruce A.; SAFAIE, Tahmineh  
**(74)** FB Rice Pty Ltd
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**(11)** AU-A-2021237492  
**(21)** 2021237492 **(22)** 16.03.2021  
**(54)** Measurement systems and associated  
 techniques for sensing electrical char-  
 acteristics of a sensor  
**(51)** Int. Cl.  
**G01N 27/414** ( 2006.01 )  
**G01N 27/04** ( 2006.01 )  
**G01N 27/416** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
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(21) 2021247032 (22) 24.03.2021  
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(51) Int. Cl.  
A61L 2/20 (2006.01)  
C12Q 1/70 (2006.01)  
A61L 2/14 (2006.01)  
A61L 2/28 (2006.01)  
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(21) 2021225758 (22) 12.02.2021  
(54) Intelligent meta PACS system and server  
(51) Int. Cl.  
G06Q 50/00 (2012.01)  
G06F 15/16 (2006.01)  
G06K 9/62 (2006.01)  
G06Q 10/00 (2012.01)  
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(74) Collison & Co
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(51) Int. Cl.  
A61K 36/73 (2006.01)  
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(51) Int. Cl.  
G01C 21/16 (2006.01)  
E21F 17/00 (2006.01)  
G01C 7/06 (2006.01)  
G01S 17/89 (2020.01)  
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(21) 2021251760 (22) 06.04.2021  
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(51) Int. Cl.  
C07K 14/705 (2006.01)  
A61K 38/00 (2006.01)  
A61P 31/14 (2006.01)  
C12N 9/48 (2006.01)  
(87) WO2021/207207  
(31) 63/006,463 (32) 07.04.20 (33) US  
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63/055,051 22.07.20 US  
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(74) RnB IP
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(54) Method and system for automatic 3D-FMBV measurements  
(51) Int. Cl.  
A61B 8/06 (2006.01)  
G06N 3/02 (2006.01)  
G06N 5/00 (2006.01)  
G06T 1/40 (2006.01)  
G06T 7/10 (2017.01)  
G06T 15/00 (2011.01)  
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(54) Train wheel  
(51) Int. Cl.  
C22C 38/00 (2006.01)  
C22C 38/26 (2006.01)  
C21D 9/34 (2006.01)  
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(31) 2020-056886 (32) 26.03.20 (33) JP  
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(72) MAEJIMA, Taketo; KUBOTA, Manabu  
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(21) 2021245659 (22) 29.03.2021
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(51) Int. Cl.  
B32B 27/00 (2006.01)  
A61B 5/25 (2021.01)  
A61B 5/256 (2021.01)  
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(43) 07.10.2021  
(72) ODANE, Chiharu  
(74) Fraser Old & Sohn
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(11) AU-A-2021231962  
(21) 2021231962 (22) 05.03.2021  
(54) A combined phosphorescent, retroreflective and fluorescent article  
(51) Int. Cl.  
G02B 5/12 (2006.01)  
A41D 13/01 (2006.01)  
A41D 31/32 (2019.01)  
(87) WO2021/176229  
(31) 2003231.4 (32) 05.03.20 (33) GB  
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(72) ROWBOTTOM, Nicholas James  
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021227771  
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(51) Int. Cl.  
C07K 14/47 (2006.01)  
A61P 19/02 (2006.01)  
C12P 21/00 (2006.01)  
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F03B 13/18 (2006.01)  
E02B 9/08 (2006.01)  
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(74) Madders Pty Ltd
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- (71) NTT DoCoMo, Inc.  
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(51) Int. Cl.  
H04W 92/18 (2009.01)  
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(21) 2021235134 (22) 12.03.2021  
(54) Use of a nicotinamide mononucleotide or some of its derivatives for the prevention and/or treatment of muscle, ligament or tendon pain induced by physical activity, and corresponding compositions  
(51) Int. Cl.  
A61K 31/706 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61P 29/00 ( 2006.01 )  
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) Use of a nicotinamide mononucleotide or some of its derivatives for preventing and/or treating dorsal pain, and corresponding compositions  
(51) Int. Cl.  
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H02S 20/32 ( 2014.01 )  
F24S 25/13 ( 2018.01 )  
F24S 25/617 ( 2018.01 )  
F24S 30/425 ( 2018.01 )  
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E04F 15/02 ( 2006.01 )  
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(51) Int. Cl.  
C07K 14/47 ( 2006.01 )  
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A61P 35/00 ( 2006.01 )  
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(54) Solid-phase spot-welding method and solid-phase spot-welding device  
(51) Int. Cl.  
B23K 20/00 ( 2006.01 )  
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(72) TAKEDA, Shuko; MORISHITA, Ryuichi  
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(51) Int. Cl.  
A42B 3/04 ( 2006.01 )  
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A42B 3/28 ( 2006.01 )  
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(51) Int. Cl.  
C07D 277/56 ( 2006.01 )  
A61K 31/426 ( 2006.01 )  
A61P 9/12 ( 2006.01 )  
C07D 213/82 ( 2006.01 )  
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(54) On-board vehicle scales  
(51) Int. Cl.  
G01G 19/02 ( 2006.01 )  
B60W 40/13 ( 2012.01 )  
G01G 19/08 ( 2006.01 )  
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(74) Houlihan 2 Pty Ltd
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**C08K 9/10** ( 2006.01 )  
**B01J 13/14** ( 2006.01 )  
**C08K 5/1515** ( 2006.01 )  
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**C08L 61/28** ( 2006.01 )  
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(74) Michael Buck IP
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- (71) Petroliam Nasional Berhad (Petronas)  
(11) AU-A-2021258990  
(21) 2021258990 (22) 21.04.2021  
(54) Method and system for designing and assessing the performance of a hollow fibre membrane contactor (MBC) in a natural gas sweetening process  
(51) Int. Cl.  
**B01D 63/02** ( 2006.01 )  
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**C10L 3/10** ( 2006.01 )  
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(54) Compounds for use in inflammatory conditions  
(51) Int. Cl.  
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**A61K 31/56** ( 2006.01 )  
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(54) Compounds for use in the treatment of coronavirus infection  
(51) Int. Cl.  
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**A61P 31/12** ( 2006.01 )  
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- (71) Pharma Mar, S.A.  
(11) AU-A-2021232535  
(21) 2021232535 (22) 02.03.2021  
(54) Compounds for use in viral infections  
(51) Int. Cl.  
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**A61K 31/56** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
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(51) Int. Cl.  
**C05G 5/12** ( 2020.01 )  
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(74) Spruson & Ferguson
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(54) Acoustic and visual energy configuration systems and methods  
(51) Int. Cl.  
**A61M 21/00** ( 2006.01 )  
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(72) PIERNE, Dawn Ella  
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(11) AU-A-2021219002  
(21) 2021219002 (22) 01.02.2021  
(54) Exercise machine  
(51) Int. Cl.  
**A63B 21/02** ( 2006.01 )  
**A63B 21/00** ( 2006.01 )  
**A63B 21/04** ( 2006.01 )  
**A63B 21/055** ( 2006.01 )  
**A63B 22/00** ( 2006.01 )  
**A63B 71/00** ( 2006.01 )  
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 (51) Int. Cl.  
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*B32B 1/02* ( 2006.01 )  
*B32B 7/12* ( 2006.01 )  
*B32B 9/02* ( 2006.01 )  
*B32B 27/28* ( 2006.01 )  
*B32B 27/30* ( 2006.01 )  
*B32B 27/36* ( 2006.01 )  
*C09D 103/08* ( 2006.01 )  
*B29K 23/00* ( 2006.01 )  
*B29K 29/00* ( 2006.01 )  
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 KATAKURA, Tsuyoshi  
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 (54) Laminate  
 (51) Int. Cl.  
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*B32B 23/08* ( 2006.01 )  
*B32B 27/10* ( 2006.01 )  
*B32B 27/28* ( 2006.01 )  
*B32B 27/30* ( 2006.01 )  
*B32B 27/36* ( 2006.01 )  
*B32B 37/14* ( 2006.01 )  
*B32B 37/15* ( 2006.01 )  
*B32B 37/16* ( 2006.01 )  
*C08L 3/08* ( 2006.01 )  
*C09D 103/08* ( 2006.01 )  
*D21H 19/22* ( 2006.01 )  
*D21H 19/24* ( 2006.01 )  
*D21H 19/34* ( 2006.01 )  
*D21H 23/56* ( 2006.01 )  
*D21H 27/10* ( 2006.01 )  
*D21H 27/42* ( 2006.01 )  
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*B29K 29/00* ( 2006.01 )  
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 (54) System for cooling non-liquid conveyable product  
 (51) Int. Cl.  
*A23L 3/36* ( 2006.01 )  
*A23L 3/375* ( 2006.01 )  
*F25D 3/10* ( 2006.01 )  
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021236407  
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 (54) UAV with atomizer  
 (51) Int. Cl.  
*A01M 7/00* ( 2006.01 )  
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 (72) ZVARA, Stephen  
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 (54) Device, method, and system that virtualize a network  
 (51) Int. Cl.  
*H04L 47/24* ( 2022.01 )  
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 (74) Murray Trento & Associates Pty Ltd
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 (54) Gold-containing agents for the treatment of lung infections  
 (51) Int. Cl.  
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*A61M 25/00* ( 2006.01 )  
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 (11) AU-A-2021246962  
 (21) 2021246962 (22) 30.03.2021  
 (54) Optimising dialyser performance  
 (51) Int. Cl.  
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*B01D 65/02* ( 2006.01 )  
*B01D 65/08* ( 2006.01 )  
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 (72) BUCKBERRY, Clive; WALLACE, Mark  
 (74) FB Rice Pty Ltd
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 (11) AU-A-2021238345  
 (21) 2021238345 (22) 18.03.2021  
 (54) Softgel capsules  
 (51) Int. Cl.  
*A61K 31/225* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
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 (31) 62/991,354 (32) 18.03.20 (33) US  
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 (72) SHELLEY, Rickey Steve  
 (74) Pearce IP Pty Ltd
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 (21) 2022218490 (22) 01.03.2022  
 (54) Coffee machine provided with an arrangement for the pre-infusion of the coffee panel  
 (51) Int. Cl.  
*A47J 31/00* ( 2006.01 )  
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 (54) Optical trains for imaging systems and spectral edge detection  
 (51) Int. Cl.  
*G02B 21/16* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
*G02B 7/00* ( 2021.01 )  
*G02B 21/36* ( 2006.01 )  
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 (72) COOPER, Jeremy Ryan; STEWART, David  
 (74) RnB IP Pty Ltd
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 (11) AU-A-2020437170  
 (21) 2020437170 (22) 05.11.2020  
 (54) Electronic derotation of picture-in-picture imagery  
 (51) Int. Cl.  
*G06T 5/00* ( 2006.01 )  
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*H04N 5/45* ( 2011.01 )  
 (87) WO2021/188158

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 (54) Integrated acoustic localization and communications array  
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*C07D 231/14* ( 2006.01 )  
*A01N 43/56* ( 2006.01 )  
*C07D 231/16* ( 2006.01 )  
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*A61B 18/18* ( 2006.01 )  
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 (74) A.P.T. Patent and Trade Mark Attorneys
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 (54) Controlling a heat network  
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*F24D 19/10* ( 2006.01 )  
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*G05D 23/19* ( 2006.01 )  
*G06Q 10/06* ( 2012.01 )  
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 (51) Int. Cl.  
*C04B 7/17* ( 2006.01 )  
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*C04B 7/21* ( 2006.01 )  
*C04B 28/06* ( 2006.01 )  
*C04B 28/08* ( 2006.01 )  
*C04B 28/14* ( 2006.01 )  
*C04B 28/16* ( 2006.01 )  
*C04B 40/00* ( 2006.01 )  
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*C04B 28/08* ( 2006.01 )  
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*B64D 1/04* ( 2006.01 )  
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 (54) Meniscal repair delivery device  
 (51) Int. Cl.  
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*A23G 1/00* ( 2006.01 )  
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*A23G 1/36* ( 2006.01 )

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 (54) Dosing device  
 (51) Int. Cl.  
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*A47G 21/00* (2006.01)
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 (54) Method to roast coffee beans  
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*A23N 12/08* (2006.01)  
*A23N 12/12* (2006.01)
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 (51) Int. Cl.  
*C01C 1/02* (2006.01)  
*B01J 19/12* (2006.01)  
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*B01J 20/34* (2006.01)  
*B01D 53/02* (2006.01)  
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*C01B 3/04* (2006.01)
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 (54) Modular smart implement for precision agriculture  
 (51) Int. Cl.  
*A01B 59/06* (2006.01)  
*A01B 15/18* (2006.01)  
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*A01B 63/00* (2006.01)  
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*B62D 49/06* (2006.01)
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 (51) Int. Cl.  
*A01B 15/14* (2006.01)  
*A01B 23/04* (2006.01)  
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*A01B 63/11* (2006.01)
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 (54) Machine vision control system for precision agriculture  
 (51) Int. Cl.  
*G06N 7/00* (2006.01)
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 (54) Lifting systems for subsea pipelines  
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*F16L 1/26* (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 (54) Oral rinse compositions for alleviating xerostomia comprising polyethylene glycol derivatives  
 (51) Int. Cl.  
*A61K 8/49* (2006.01)  
*A61K 8/02* (2006.01)  
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 (54) Construct and use thereof  
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*C12N 15/869* (2006.01)  
*A61K 48/00* (2006.01)  
*A61P 35/00* (2006.01)  
*C12N 5/10* (2006.01)  
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**C07K 16/28** ( 2006.01 )  
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**A61P 13/12** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
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 (54) A method of and a composition for improving breaking dormancy and uniformity of ripening for perennial fruits  
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 (54) Improved cytosine base editing system  
 (51) Int. Cl.  
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 (54) Treatment of symptomatic viral diseases  
 (51) Int. Cl.  
**A61P 31/00** ( 2006.01 )  
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 (54) A system and method for securely delivering information  
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**H04M 3/42** ( 2006.01 )  
**G06Q 20/00** ( 2012.01 )  
**H04M 3/51** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Anti-CD19 antibodies and methods of using and making thereof  
 (51) Int. Cl.  
**A61K 31/136** ( 2006.01 )  
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**C07K 16/30** ( 2006.01 )  
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 (54) Door and window shielding structure with mosquito expelling function  
 (51) Int. Cl.  
**E06B 9/52** ( 2006.01 )  
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 (72) LIN, Dinghui  
 (74) Collison & Co
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 (54) Connection device for door and window frames  
 (51) Int. Cl.  
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 (54) Rotary punching die device  
 (51) Int. Cl.  
**B21D 28/34** ( 2006.01 )  
**B21D 28/36** ( 2006.01 )  
**B21D 37/12** ( 2006.01 )  
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 (54) Floor cleaner  
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 (54) Varied curvature diaphragm balanced mode radiator  
 (51) Int. Cl.  
**H04R 1/28** ( 2006.01 )  
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 (74) Michael Buck IP
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 (51) Int. Cl.

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**(43)** 07.10.2021  
**(72)** TILLMAN, Fredrik; ANDERSSON, Stefan  
**(74)** FB Rice Pty Ltd

**(71)** Telum Therapeutics S.L.  
**(11)** AU-A-2021236351  
**(21)** 2021236351 **(22)** 11.03.2021  
**(54)** New recombinant lysin and its use in the treatment of gram-negative bacterial infections  
**(51)** Int. Cl.  
**C12N 9/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
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**(43)** 16.09.2021  
**(72)** DÍEZ MARTÍNEZ, Roberto; MORALES AREIZAGA, María  
**(74)** Spruson & Ferguson

**(71)** Tenaya Therapeutics, Inc.  
**(11)** AU-A-2021218411  
**(21)** 2021218411 **(22)** 11.02.2021  
**(54)** Gene therapy vectors for treating heart disease  
**(51)** Int. Cl.  
**A61K 38/00** ( 2006.01 )  
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**C07K 14/47** ( 2006.01 )  
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**(72)** LOMBARDI, Laura  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Texas Mountain Group LLC  
**(11)** AU-A-2021249222  
**(21)** 2021249222 **(22)** 17.03.2021  
**(54)** Surgical drape  
**(51)** Int. Cl.  
**A61B 46/00** ( 2016.01 )  
**(87)** WO2021/202105  
**(31)** 63/004,336 **(32)** 02.04.20 **(33)** US  
 16/920,529 03.07.20 US  
**(43)** 07.10.2021  
**(72)** AGUIRRE, Javier  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Thales DIS France SAS  
**(11)** AU-A-2021253684  
**(21)** 2021253684 **(22)** 09.04.2021  
**(54)** Data carrier with protection against subsequent laser marking  
**(51)** Int. Cl.  
**B42D 25/41** ( 2014.01 )  
**(87)** WO2021/205019  
**(31)** 20169033.6 **(32)** 09.04.20 **(33)** EP

**(43)** 14.10.2021  
**(72)** SAILER, Christian; EGLI, Stefan  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** The Board of Regents of The University of Texas System; Grifols Shared Services North America, Inc.  
**(11)** AU-A-2021248905  
**(21)** 2021248905 **(22)** 12.01.2021  
**(54)** Method for reducing the occurrence of thrombosis or thromboembolism  
**(51)** Int. Cl.  
**A61K 31/7034** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**C07H 15/207** ( 2006.01 )  
**(87)** WO2021/201950  
**(31)** 63/005,250 **(32)** 04.04.20 **(33)** US  
**(43)** 07.10.2021  
**(72)** CARDENAS, Jessica C.; WADE, Charles E.; WANG, Yao-Wei; COTTON, Bryan A.; OSBORN, Criston  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** The Marketing Store Worldwide, LLC  
**(11)** AU-A-2021242291  
**(21)** 2021242291 **(22)** 25.03.2021  
**(54)** Display back projection apparatus, system, and method  
**(51)** Int. Cl.  
**A63H 3/00** ( 2006.01 )  
**A63H 3/28** ( 2006.01 )  
**A63H 33/22** ( 2006.01 )  
**(87)** WO2021/195373  
**(31)** 63/000,145 **(32)** 26.03.20 **(33)** US  
 17/205,845 18.03.21 US  
**(43)** 30.09.2021  
**(72)** BRENNECKE, Grant; LO, King Nang Kenny  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** The Penn State Research Foundation  
**(11)** AU-A-2021253845  
**(21)** 2021253845 **(22)** 07.04.2021  
**(54)** Xylitol-doped citrate compositions and uses thereof  
**(51)** Int. Cl.  
**C08G 18/42** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**A61L 27/50** ( 2006.01 )  
**(87)** WO2021/207355  
**(31)** 63/006,521 **(32)** 07.04.20 **(33)** US  
**(43)** 14.10.2021  
**(72)** YANG, Jian; GERHARD, Ethan  
**(74)** RnB IP

**(71)** The Procter & Gamble Company  
**(11)** AU-A-2021258116  
**(21)** 2021258116 **(22)** 19.04.2021  
**(54)** Toothpaste compositions comprising silica and surface active polymer  
**(51)** Int. Cl.  
**A61K 8/25** ( 2006.01 )  
**A61K 8/81** ( 2006.01 )  
**A61Q 11/00** ( 2006.01 )  
**(87)** WO2021/216394  
**(31)** 63/012,419 **(32)** 20.04.20 **(33)** US  
 63/034,420 04.06.20 US

**(43)** 28.10.2021  
**(72)** AZIRBAYEVA, Larissa; MEZA, Jessica Ong; CAGGIONI, Marco; LAIRD, Matthew Frazier; ROITER, Yuri Volodymyrovych; MEDLEY, Christopher; HU, Fang; HARTT, William Handy; SHAHSAVARI, Setareh  
**(74)** AJ PARK

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**(71)** The Regents of the University of California  
**(11)** AU-A-2021239908  
**(21)** 2021239908 **(22)** 11.03.2021  
**(54)** Methods of treating mitochondrial disorders  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 35/28** ( 2015.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**(87)** WO2021/188349  
**(31)** 16/820,368 **(32)** 16.03.20 **(33)** US  
**(43)** 23.09.2021  
**(72)** CHERQUI, Stephanie  
**(74)** HENRY HUGHES IP LTD

**(71)** The Regents of the University of California  
**(11)** AU-A-2021242313  
**(21)** 2021242313 **(22)** 25.03.2021  
**(54)** Enteric nitroergic neurons and methods of using the same  
**(51)** Int. Cl.  
**A61K 35/12** ( 2015.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 5/0793** ( 2010.01 )  
**(87)** WO2021/195439  
**(31)** 62/994,837 **(32)** 25.03.20 **(33)** US  
 63/036,492 09.06.20 US  
**(43)** 30.09.2021  
**(72)** FATTABI, Faranak  
**(74)** Catalyst Intellectual Property

**(71)** The Regents of the University of California  
**(11)** AU-A-2021262744  
**(21)** 2021262744 **(22)** 27.04.2021  
**(54)** Isoform-independent antibodies to lipoprotein(a)  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 14/775** ( 2006.01 )  
**(87)** WO2021/222181  
**(31)** 63/016,017 **(32)** 27.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** TSIMIKAS, Sotirios; WITZTUM, Joseph L.; GONEN, Ayelet  
**(74)** Spruson & Ferguson

**(71)** The United States of America, as represented by The Secretary, Department of Health and Human Services  
**(11)** AU-A-2021224660  
**(21)** 2021224660 **(22)** 18.02.2021



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

- (54) Methods and systems for predicting rates of progression of age- related macular degeneration
- (51) Int. Cl.  
**C12Q 1/6883** ( 2018.01 )  
**A61B 3/12** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )
- (87) WO2021/168121  
(31) 62/978,070 (32) 18.02.20 (33) US  
(43) 26.08.2021
- (72) YING CHEW, Emily; LU, Zhiyong; DANIEL LENAGHAN KEENAN, Tiarnan; WONG, Wai T.; PENG, Yifan; CHEN, Qingyu; AGRÓN, Elvira
- (74) Spruson & Ferguson
- 
- (71) The University of Bristol; Syncona Investment Management Limited
- (11) AU-A-2021234169  
(21) 2021234169 (22) 12.03.2021  
(54) Gene therapy  
(51) Int. Cl.  
**C12N 15/86** ( 2006.01 )
- (87) WO2021/181118  
(31) 2003618.2 (32) 12.03.20 (33) GB  
(43) 16.09.2021
- (72) SCHMIDT, Dominic; KUZMUK, Valeryia; SALEEM, Moin; WELSH, Gavin
- (74) Davies Collison Cave Pty Ltd
- 
- (71) The University of North Carolina at Chapel Hill
- (11) AU-A-2021239861  
(21) 2021239861 (22) 16.03.2021  
(54) Compositions and methods for the selective detection of tumor-derived viral DNA  
(51) Int. Cl.  
**C12Q 1/689** ( 2018.01 )  
**C12Q 1/6886** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**G16H 50/50** ( 2018.01 )
- (87) WO2021/188540  
(31) 62/990,438 (32) 16.03.20 (33) US  
(43) 23.09.2021
- (72) GUPTA, Gaorav; CHERA, Bhashamjit S.; KUMAR, Sunil
- (74) FPA Patent Attorneys Pty Ltd
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- (71) Third Equation Ltd
- (11) AU-A-2020434577  
(21) 2020434577 (22) 08.07.2020  
(54) Electric power converter for a photovoltaic energy source  
(51) Int. Cl.  
**H01F 29/00** ( 2006.01 )  
**H02M 1/00** ( 2007.01 )  
**H02M 7/00** ( 2006.01 )
- (87) WO2021/179032  
(31) 2020900738 (32) 11.03.20 (33) AU  
(43) 16.09.2021
- (72) SCOBIE, Andrew John; BOUALLAGA, Kamel; POCIASK, Patryk Wladyslaw; GAN, Leong Kit; XU, Xiao
- (74) Davies Collison Cave Pty Ltd
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- (71) Tobikov, R.; Shuba, D.
- (11) AU-A-2021393852  
(21) 2021393852 (22) 20.09.2021  
(54) Vehicle differential locking device  
(51) Int. Cl.  
**F16H 48/20** ( 2012.01 )
- (31) 2021107252 (32) 19.03.21 (33) RU  
(43) 06.10.2022
- (72) TOBIKOV, Roman; SHUBA, Denis
- (74) Churchill Attorneys
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- (71) Tomaszewski, A.; Kajleh, K.; Stewart, G.; Steele, E.
- (11) AU-A-2021219343  
(21) 2021219343 (22) 12.02.2021  
(54) Modular control unit and systems comprising the same  
(51) Int. Cl.  
**G01V 1/52** ( 2006.01 )
- (87) WO2021/161106  
(31) 62/975,423 (32) 12.02.20 (33) US  
(43) 19.08.2021
- (72) TOMASZEWSKI, Adam; KAJLEH, Khaled; STEWART, Gordon; STEELE, Edwin
- (74) FPA Patent Attorneys Pty Ltd
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- (71) Toshiba Carrier Corporation
- (11) AU-A-2020438326  
(21) 2020438326 (22) 23.03.2020  
(54) Hot water generation device  
(51) Int. Cl.  
**F24H 9/12** ( 2006.01 )
- (87) WO2021/191963  
(43) 30.09.2021
- (72) WAKATSUKI, Kazuhito
- (74) Davies Collison Cave Pty Ltd
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- (71) Touchless Animal Metrics, SL
- (11) AU-A-2021222707  
(21) 2021222707 (22) 20.01.2021  
(54) Method, system and computer programs for traceability of living specimens  
(51) Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
**G06T 7/246** ( 2017.01 )
- (87) WO2021/164972  
(31) 20382117.8 (32) 17.02.20 (33) EP  
(43) 26.08.2021
- (72) AMAT ROLDAN, Ivan
- (74) James & Wells Intellectual Property
- 
- (71) Translate Bio, Inc.
- (11) AU-A-2021218671  
(21) 2021218671 (22) 10.02.2021  
(54) Methods and compositions for messenger RNA purification  
(51) Int. Cl.  
**C12N 15/10** ( 2006.01 )
- (87) WO2021/163134  
(31) 62/972,471 (32) 10.02.20 (33) US
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- (71) Troverlo, Inc.
- (11) AU-A-2021235892  
(21) 2021235892 (22) 08.03.2021  
(54) Passive asset tracking using observations of pseudo Wi-Fi access points  
(51) Int. Cl.  
**H04W 4/02** ( 2018.01 )
- (43) 19.08.2021
- (72) ABYSALH, Jonathan; VARGAS, Jorel; SMITH, Cameron M.; PARRELLA, Joseph; DEROSA, Frank
- (74) Griffith Hack
- 
- (71) Troverlo, Inc.
- (11) AU-A-2021235888  
(21) 2021235888 (22) 08.03.2021  
(54) Passive asset tracking using observations of Wi-Fi access points  
(51) Int. Cl.  
**H04W 4/02** ( 2018.01 )  
**H04W 4/029** ( 2018.01 )  
**H04W 24/00** ( 2009.01 )  
**H04W 48/08** ( 2009.01 )  
**H04W 48/16** ( 2009.01 )
- (87) WO2021/183445  
(31) 16/812,471 (32) 09.03.20 (33) US  
16/812,612 09.03.20 US  
16/907,806 22.06.20 US  
PCT/ 17.08.20 US  
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PCT/ 17.08.20 US  
US2020/046662  
PCT/ 17.08.20 US  
US2020/046667  
17/099,749 16.11.20 US  
17/102,151 23.11.20 US  
17/102,429 23.11.20 US
- (43) 16.09.2021
- (72) CATALENA, Cody
- (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Troverlo, Inc.
- (11) AU-A-2021235890  
(21) 2021235890 (22) 08.03.2021  
(54) Passive sensor tracking using observations of Wi-Fi access points  
(51) Int. Cl.  
**H04W 4/02** ( 2018.01 )  
**H04W 4/029** ( 2018.01 )  
**H04W 24/00** ( 2009.01 )  
**H04W 48/08** ( 2009.01 )  
**H04W 48/16** ( 2009.01 )
- (87) WO2021/183447  
(31) 16/812,471 (32) 09.03.20 (33) US  
16/812,612 09.03.20 US  
16/907,806 22.06.20 US  
PCT/ 17.08.20 US  
US2020/046657  
PCT/ 17.08.20 US  
US2020/046662  
PCT/ 17.08.20 US  
US2020/046667  
17/099,749 16.11.20 US  
17/102,151 23.11.20 US  
17/102,429 23.11.20 US
- (43) 16.09.2021
- (72) CATALENA, Cody
- (74) FPA Patent Attorneys Pty Ltd
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- (71) Troverlo, Inc.
- (11) AU-A-2021235892  
(21) 2021235892 (22) 08.03.2021  
(54) Passive asset tracking using observations of pseudo Wi-Fi access points  
(51) Int. Cl.  
**H04W 4/02** ( 2018.01 )

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

- H04W 4/029** ( 2018.01 )  
**H04W 24/00** ( 2009.01 )  
**H04W 48/08** ( 2009.01 )  
**H04W 48/16** ( 2009.01 )  
**(87)** WO2021/183449  
**(31)** 16/812,471 **(32)** 09.03.20 **(33)** US  
 16/812,612 09.03.20 US  
 16/907,806 22.06.20 US  
 PCT/ 17.08.20 US  
 US2020/046657  
 PCT/ 17.08.20 US  
 US2020/046662  
 PCT/ 17.08.20 US  
 US2020/046667  
 17/099,749 16.11.20 US  
 17/102,151 23.11.20 US  
 17/102,429 23.11.20 US  
**(43)** 16.09.2021  
**(72)** CATALENA, Cody  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** True Manufacturing Co., Inc.  
**(11)** AU-A-2021263415  
**(21)** 2021263415 **(22)** 29.04.2021  
**(54)** Sanitizing cabinet system  
**(51)** Int. Cl.  
**A61L 2/14** ( 2006.01 )  
**A61L 2/10** ( 2006.01 )  
**A61L 2/20** ( 2006.01 )  
**A61L 2/24** ( 2006.01 )  
**C01B 13/10** ( 2006.01 )  
**(87)** WO2021/222588  
**(31)** 63/017,518 **(32)** 29.04.20 **(33)** US  
 63/171,874 07.04.21 US  
**(43)** 04.11.2021  
**(72)** KNATT, Kevin; FRIEND, John; HART-MAN, Edward; TRULASKE, Steven Lee  
**(74)** Spruson & Ferguson
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- (71)** Turun Yliopisto  
**(11)** AU-A-2021251439  
**(21)** 2021251439 **(22)** 09.04.2021  
**(54)** Eplin as a biomarker for cancer  
**(51)** Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**(87)** WO2021/205078  
**(31)** 20205381 **(32)** 09.04.20 **(33)** FI  
**(43)** 14.10.2021  
**(72)** VENTELÄ, Sami; WESTERMARCK, Jukka  
**(74)** Griffith Hack
- 
- (71)** Twentyeight-Seven, Inc.  
**(11)** AU-A-2021231765  
**(21)** 2021231765 **(22)** 02.03.2021  
**(54)** Compounds targeting RNA-binding proteins or RNA-modifying proteins  
**(51)** Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**(87)** WO2021/178420  
**(31)** 62/984,677 **(32)** 03.03.20 **(33)** US
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- (43)** 10.09.2021  
**(72)** ERICSSON, Anna M.; GHOSH, Shomir; HARVEY, Darren Martin  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** IZERO IP, LLC  
**(11)** AU-A-2021227543  
**(21)** 2021227543 **(22)** 08.02.2021  
**(54)** Secret splitting and metadata storage  
**(51)** Int. Cl.  
**H04L 9/08** ( 2006.01 )  
**H04L 9/06** ( 2006.01 )  
**H04L 9/30** ( 2006.01 )  
**(87)** WO2021/173330  
**(31)** 62/981,663 **(32)** 26.02.20 **(33)** US  
**(43)** 02.09.2021  
**(72)** ORNELAS, Michael D.; EMPEY, Jesse; WELKER, Brad  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** UCL Business PLC  
**(11)** AU-A-2021225046  
**(21)** 2021225046 **(22)** 18.02.2021  
**(54)** Agents for use in the treatment of tissue damage 2  
**(51)** Int. Cl.  
**A61K 31/438** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**(87)** WO2021/165424  
**(31)** 2002299.2 **(32)** 19.02.20 **(33)** GB  
**(43)** 26.08.2021  
**(72)** PEPYS, Mark Brian; SWAIN, Christopher; TAYLOR, Graham Walter; WOOD, Stephen Paul; GLOSSOP, Melanie Susanne; LANE, Charlotte Alice Louise  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** UCL Business PLC  
**(11)** AU-A-2021226076  
**(21)** 2021226076 **(22)** 18.02.2021  
**(54)** Agents for use in the treatment of tissue damage  
**(51)** Int. Cl.  
**A61K 31/438** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**(87)** WO2021/170489  
**(31)** 2002299.2 **(32)** 19.02.20 **(33)** GB  
**(43)** 02.09.2021  
**(72)** PEPYS, Mark Brian; SWAIN, Christopher; TAYLOR, Graham Walter; WOOD, Stephen Paul; GLOSSOP, Melanie Susanne; LANE, Charlotte Alice Louise  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Ultragenyx Pharmaceutical Inc.  
**(11)** AU-A-2021239973  
**(21)** 2021239973 **(22)** 15.03.2021  
**(54)** Methods for enhancing recombinant adeno-associated virus yield  
**(51)** Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**(87)** WO2021/188449  
**(31)** 62/990,099 **(32)** 16.03.20 **(33)** US
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- (43)** 23.09.2021  
**(72)** PANTELI, Jan Thomas; FULCO, Cameron Tague; ALLEN, John Everett; JIANG, Mingyang; HOGAN, Rachael C.  
**(74)** Spruson & Ferguson
- 
- (71)** Unilever Global IP Limited  
**(11)** AU-A-2021263037  
**(21)** 2021263037 **(22)** 12.04.2021  
**(54)** Aerosol composition for sanitization  
**(51)** Int. Cl.  
**A01N 31/02** ( 2006.01 )  
**A01N 25/06** ( 2006.01 )  
**A01P 1/00** ( 2006.01 )  
**A61K 8/34** ( 2006.01 )  
**A61K 9/12** ( 2006.01 )  
**A61L 2/00** ( 2006.01 )  
**A61L 2/18** ( 2006.01 )  
**A61L 2/22** ( 2006.01 )  
**A61L 2/26** ( 2006.01 )  
**(87)** WO2021/219358  
**(31)** 20179870.9 **(32)** 15.06.20 **(33)** EP  
 202021018490 30.04.20 IN  
**(43)** 04.11.2021  
**(72)** JONES, David; SAYYED, Jabir Gulab; SHARMA, Kirti; TROPIA, David Jonathan  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** United Biomedical, Inc.  
**(11)** AU-A-2021221113  
**(21)** 2021221113 **(22)** 11.02.2021  
**(54)** Peptide immunogens targeting Islet Amyloid Polypeptide (IAPP) for prevention and treatment of disorders related to aggregated IAPP  
**(51)** Int. Cl.  
**C07K 7/08** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2021/163239  
**(31)** 62/972,760 **(32)** 11.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** WANG, Chang Yi  
**(74)** Spruson & Ferguson
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- (71)** University of Massachusetts  
**(11)** AU-A-2021238319  
**(21)** 2021238319 **(22)** 17.03.2021  
**(54)** Oligonucleotides for MAPT modulation  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2021/188626  
**(31)** 62/991,405 **(32)** 18.03.20 **(33)** US  
 63/071,106 27.08.20 US  
**(43)** 23.09.2021  
**(72)** KHVOROVA, Anastasia; FERGUSON, Chantal; DAVIS, Sarah; MONOPOLI, Kathryn  
**(74)** FB Rice Pty Ltd
- 
- (71)** University Of Pittsburgh - Of The Commonwealth System Of Higher Education  
**(11)** AU-A-2021231880  
**(21)** 2021231880 **(22)** 05.03.2021

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

- (54) IRF modulator-expressing oncolytic viruses for treating cancer  
 (51) Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )
- (87) WO2021/178866  
 (31) 62/985,979 (32) 06.03.20 (33) US  
 (43) 10.09.2021  
 (72) SARKAR, Saumendra N.; THORNE, Stephen Howard  
 (74) Davies Collison Cave Pty Ltd
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- (71) University of South Florida  
 (11) AU-A-2021217225  
 (21) 2021217225 (22) 08.02.2021  
 (54) Inhibition of beta-arrestin oligomerization in tauopathy  
 (51) Int. Cl.  
**A61K 31/713** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (87) WO2021/159093  
 (31) 62/971,510 (32) 07.02.20 (33) US  
 (43) 12.08.2021  
 (72) WOO, Jung A.; LIGGETT, Stephen Bryant; KANG, David E.; CHEN, Yu; LEWANDOWSKI, Eric  
 (74) Spruson & Ferguson
- 
- (71) University of Utah Research Foundation; Wake Forest University Health Sciences; Certus Critical Care, Inc.  
 (11) AU-A-2021232082  
 (21) 2021232082 (22) 06.03.2021  
 (54) Blood pressure regulation system for the treatment of neurologic injuries  
 (51) Int. Cl.  
**A61M 60/157** ( 2021.01 )  
**A61B 17/12** ( 2006.01 )  
**A61M 60/161** ( 2021.01 )  
**A61M 60/174** ( 2021.01 )
- (87) WO2021/178937  
 (31) 62/986,161 (32) 06.03.20 (33) US  
 17/194,053 05.03.21 US  
 (43) 10.09.2021  
 (72) JOHNSON, Michael Austin; DE HAVENON, Adam; HOAREAU, Guillaume; NEFF, Lucas; WILLIAMS, Timothy; MCWADE, Melanie; POISNER, David  
 (74) Griffith Hack
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- (71) Upkara, Inc.  
 (11) AU-A-2021225945  
 (21) 2021225945 (22) 26.02.2021  
 (54) Capillary assisted vitrification processes and materials for preservation of biological samples  
 (51) Int. Cl.  
**A01N 1/02** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )
- (87) WO2021/173983  
 (31) 62/982,856 (32) 28.02.20 (33) US
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- (43) 02.09.2021  
 (72) MOHANTY, Pravansu S.; DAS, Subhendu; BRONSART, Laura  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Urban Mining Corp B.V.  
 (11) AU-A-2021238245  
 (21) 2021238245 (22) 16.03.2021  
 (54) Magnetic field gradient apparatus and apparatus for separation  
 (51) Int. Cl.  
**H01F 6/06** ( 2006.01 )  
**G01R 33/00** ( 2006.01 )  
**H01F 27/28** ( 2006.01 )  
**H01F 27/42** ( 2006.01 )
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| 2021232868 | Caterpillar Inc.  | 2021236068 | Phospholutions Inc.                                     |
| 2021232935 | Vasoptic Medical Inc.                                     | 2021236143 | Arcturus Therapeutics, Inc.                             |
| 2021232951 | Hollister Incorporated                                    | 2021236184 | Joy Global Surface Mining Inc.                          |
| 2021232956 | Carlisle Construction Materials, LLC                      | 2021236234 | Inventio AG   |
| 2021233040 | Leidos Security Detection & Automation U.K. Ltd           | 2021236249 | Selecta Biosciences, Inc.                               |
| 2021233042 | Leidos Security Detection & Automation U.K. Ltd           | 2021236325 | Acceleron Pharma Inc.                                   |
| 2021233050 | Huawei Technologies Co., Ltd.                             | 2021236351 | DSM IP Assets, B.V.                                     |
| 2021233124 | BariaTek Medical  | 2021236358 | Telum Therapeutics S.L.                                 |
| 2021233206 | GNT Pharma Co., Ltd.                                      | 2021236362 | Nuvamid SA  |
| 2021233227 | Heartfelt Technologies Ltd                                | 2021236363 | Fraunhofer-Gesellschaft zur Förderung der ange-         |
| 2021233235 | Brien Holden Vision Institute Limited                     | 2021236387 | wandten Forschung e.V.                                  |
| 2021233410 | Osaka University  | 2021236407 | Fraunhofer-Gesellschaft Zur Förderung Der Ange-         |
| 2021233433 | Kissei Pharmaceutical Co., Ltd.                           | 2021236595 | wandten Forschung E.V.                                  |
| 2021233462 | Hitachi Metals, Ltd.                                      | 2021236605 | FlexCharging, Inc.                                      |
| 2021233649 | Yokogawa Electric Corporation                             | 2021236643 | Precision Drone Services Intellectual Property, LLC     |
| 2021233770 | Ryght Holdings Pte Ltd                                    | 2021236655 | Sunnton Company Limited; Wang, X.; Peng, L.             |
| 2021233771 | Montana Microbial Products, LLC                           | 2021236756 | Inguran, LLC  |
| 2021233816 | Arcturus Therapeutics, Inc.; Sullivan, S.; Matsuda, D.;   | 2021236763 | Dana-Farber Cancer Institute, Inc.; The General Hospit- |
|            | Tachikawa, K.; Chivukula, P.; Karmali, P.P.; Davis, J.;   | 2021236930 | al Corporation  |
|            | Bao, Y.; Sagi, A.   | 2021236951 | Vitaeris Inc.   |
| 2021233835 | Carlisle Industrial Brake & Friction                      | 2021237051 | Inovio Pharmaceuticals, Inc.                            |
| 2021233959 | China Petroleum & Chemical Corporation; Shanghai          | 2021237123 | Codiak BioSciences, Inc.                                |
|            | Research Institute of Petrochemical Technology, SINO-     | 2021237149 | InsuSense ApS   |
|            | PEC   | 2021237185 | Heptares Therapeutics Limited                           |
| 2021233968 | China Petroleum & Chemical Corporation; Shanghai          | 2021237368 | IHI Inspection and Instrumentation Co., Ltd.            |
|            | Research Institute of Petrochemical Technology, SINO-     |            | NewSouth Innovations Pty Ltd                            |
|            | PEC   |            | Japan Tobacco Inc.                                      |
| 2021233979 | Leidos Security Detection & Automation U.K. Ltd           |            | LG Chem, Ltd.   |
| 2021234054 | Bayer Animal Health GmbH                                  |            | LanzaTech, Inc.   |
| 2021234095 | Affilogic   |            |   |

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| 2021237492 | NanoDX, Inc.  | 2021243639 | Nippon Steel Corporation  |
| 2021237559 | ChampionX USA Inc.  | 2021243677 | Fujitsu General Limited   |
| 2021237564 | Regeneron Pharmaceuticals, Inc.   | 2021244056 | oneCureGEN Co., Ltd.  |
| 2021237572 | Ashley Furniture Industries, LLC  | 2021244306 | Boston Scientific Scimed, Inc.  |
| 2021237633 | Scribe Therapeutics Inc.  | 2021244308 | Boston Scientific Scimed, Inc.  |
| 2021237686 | Palobiofarma, S.L.  | 2021244309 | Boston Scientific Scimed, Inc.  |
| 2021237730 | Keros Therapeutics, Inc.  | 2021244310 | Boston Scientific Scimed, Inc.  |
| 2021237756 | Frida Group ApS   | 2021244530 | Wu, W.  |
| 2021237758 | Dometic Sweden AB   | 2021244584 | Protaryx Medical Inc.   |
| 2021237811 | Heptares Therapeutics Limited   | 2021244763 | Farsight Medical Technology (Shanghai) Co., Ltd.  |
| 2021237982 | MTD Holdings NSW Pty Ltd; Stirling & Dunkirk Investments Pty Ltd          | 2021245032 | Abiomed Europe GmbH   |
| 2021238141 | Bayer CropScience K.K.  | 2021245294 | Liebherr-Mining Equipment Colmar SAS  |
| 2021238245 | Urban Mining Corp B.V.  | 2021245659 | Nitto Denko Corporation   |
| 2021238293 | Dow Global Technologies LLC; Rohm and Haas Company                        | 2021245786 | Primewan Limited  |
| 2021238319 | University of Massachusetts   | 2021245897 | Shanghai Hansoh Biomedical Co., Ltd.; Jiangsu Hansoh Pharmaceutical Group Co., Ltd.                 |
| 2021238341 | Systimmune, Inc.; Baili-Bio (Chengdu) Pharmaceutical Co. Ltd.             | 2021246058 | AKER Biomarine Antarctic AS; The Board of Trustees of the University of Illinois                    |
| 2021238345 | R.P. Scherer Technologies, LLC  | 2021246059 | Graco Minnesota Inc.  |
| 2021238570 | Moleda AS   | 2021246060 | Graco Minnesota Inc.  |
| 2021238580 | Produkem Molekulares Design GmbH  | 2021246472 | 3-D Matrix, Ltd.  |
| 2021238642 | BASF SE; Trinamix GmbH  | 2021246501 | Pierre, D.  |
| 2021238656 | Dometic Sweden AB   | 2021246603 | Raytheon Company  |
| 2021238665 | Dometic Sweden AB   | 2021246641 | Arthrex, Inc.   |
| 2021238758 | Corticalis AS   | 2021246802 | Momentive Performance Materials Inc.  |
| 2021238760 | Corticalis AS   | 2021246896 | Société des Produits Nestlé S.A.  |
| 2021238781 | Medizinische Universität Wien   | 2021246924 | Shedrain Corporation  |
| 2021239060 | Eutilex Co., Ltd.   | 2021246962 | Quanta Dialysis Technologies Ltd  |
| 2021239199 | Sea6 Energy Pvt. Ltd.   | 2021247032 | Nanoguard Technologies, LLC   |
| 2021239744 | Xbrane Biopharma AB   | 2021247251 | Rhapis s.r.l.   |
| 2021239762 | Abion Inc.; Seoul National University R&DB Foundation                     | 2021247480 | SynAct Pharma ApS   |
| 2021239805 | Praxair Technology, Inc.  | 2021247499 | ABB Schweiz AG  |
| 2021239839 | RMH Tech LLC  | 2021247958 | LG Electronics Inc.   |
| 2021239861 | The University of North Carolina at Chapel Hill                           | 2021248261 | Petroliam Nasional Berhad (Petronas)  |
| 2021239868 | Duke University   | 2021248905 | The Board of Regents of The University of Texas System; Grifols Shared Services North America, Inc. |
| 2021239908 | The Regents of the University of California                               | 2021248926 | Graco Minnesota Inc.  |
| 2021239927 | Board of Regents, The University of Texas System; Moleculin Biotech, Inc. | 2021249010 | Gilead Sciences, Inc.   |
| 2021239935 | Certus Critical Care, Inc.; Wake Forest University Health Sciences        | 2021249121 | Corn Products Development, Inc.   |
| 2021239937 | Merck Sharp & Dohme LLC   | 2021249219 | Zodiac Pool Systems LLC   |
| 2021239972 | RMH Tech LLC  | 2021249222 | Texas Mountain Group LLC  |
| 2021239973 | Ultragenyx Pharmaceutical Inc.  | 2021249244 | Electrolux Home Products, Inc.  |
| 2021239986 | Ingevity South Carolina, LLC  | 2021250160 | Eisai R&D Management Co., Ltd.  |
| 2021240057 | Cemvita Factory, Inc.   | 2021250381 | Chugai Seiyaku Kabushiki Kaisha   |
| 2021240088 | Amgen Inc.  | 2021250537 | Sika Technology AG  |
| 2021240375 | Subsea 7 Norway AS  | 2021250830 | Marel Red Meat B.V.   |
| 2021240762 | Farsight Medical Technology (Shanghai) Co., Ltd.                          | 2021251079 | Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited      |
| 2021240812 | Shandon Diagnostics Limited   | 2021251313 | Memjet Technology Limited   |
| 2021240906 | Roquette Freres   | 2021251439 | Turun Yliopisto   |
| 2021241109 | Fujitsu General Limited   | 2021251644 | Electrolux Home Products, Inc.  |
| 2021241426 | Eli Lilly and Company   | 2021251760 | Neoleukin Therapeutics, Inc.  |
| 2021241497 | Boston Scientific Scimed, Inc.  | 2021252427 | BN IP Pty Ltd   |
| 2021241499 | Boston Scientific Scimed, Inc.  | 2021252429 | Skyborne Technologies Pty Ltd   |
| 2021241514 | Cure Medical LLC  | 2021252463 | Electrolux Home Products, Inc.  |
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| 2021242291 | The Marketing Store Worldwide, LLC  | 2021253630 | Societe des Produits Nestle S.A.  |
| 2021242313 | The Regents of the University of California                               | 2021253684 | Thales DIS France SAS   |
| 2021242320 | OMG, Inc.   | 2021253733 | Compagnie Generale des Etablissements Michelin  |
| 2021242321 | Arrowhead Pharmaceuticals, Inc.   | 2021253802 | Boston Scientific Limited   |
| 2021242350 | EyeCool Therapeutics, Inc.  | 2021253845 | The Penn State Research Foundation  |
| 2021242808 | Inversago Pharma Inc.   | 2021254689 | Capital One Services, LLC   |
| 2021242930 | Fujitsu General Limited   | 2021255160 | AptaBio Therapeutics Inc.   |
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**2021256421** Ancestry.com Operations Inc.  
**2021256736** Manneschi, A.  
**2021258116** The Procter & Gamble Company  
**2021258536** SciLogica Corp.  
**2021258592** Seevix Material Sciences Ltd.  
**2021258990** Petroliaam Nasional Berhad (Petronas)  
**2021259524** Heat and Control, Inc.  
**2021260618** Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Wuhan Institute of Virology, Chinese Academy of Science; Xinjiang Technical Institute of Physics And Chemistry, Chinese Academy of Sciences; Vigonvita Life Sciences Co., Ltd.  
**2021260978** Boston Scientific Medical Device Limited  
**2021261001** Crown Equipment Corporation  
**2021262466** Meyer Burger (Switzerland) AG  
**2021262744** The Regents of the University of California  
**2021262765** DexCom, Inc.  
**2021263037** Unilever Global IP Limited  
**2021263141** Plantic Technologies Ltd  
**2021263415** True Manufacturing Co., Inc.  
**2021263903** Capital One Services, LLC  
**2021263918** Capital One Services, LLC  
**2021265297** AGCO Corporation  
**2021267093** Raytheon Company  
**2021270393** Plantic Technologies Ltd  
**2021273041** Société des Produits Nestlé S.A.  
**2021273585** State Grid East Inner Mongolia Electric Power Research Institute; State Grid Corporation of China  
**2021273919** Duracell U.S. Operations, Inc.  
**2021274083** Agence Francaise pour le Developpement d'AI Ula  
**2021274616** Wing Aviation LLC  
**2021274894** Agence Francaise pour le Developpement d'AI Ula  
**2021281402** FourPhase AS  
**2021282269** Tectonic Audio Labs, Inc.  
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**2021300880** Retract Canopy Systems Pty Ltd  
**2021304679** GFM GmbH  
**2021306727** GFM GmbH  
**2021325250** Huaneng Clean Energy Research Institute  
**2021340822** Schmack Biogas Service GmbH  
**2021347277** CBN Nano Technologies Inc.  
**2021366414** AB Medica S.p.A.  
**2021370613** Mitsubishi Shipbuilding Co., Ltd.  
**2021382828** Sunshine Lake Pharma Co., Ltd.  
**2021393852** Tobikov, R.; Shuba, D.  
**2021429161** Compumedics Limited  
**2022203582** Intuit Inc.  
**2022204251** Caffitaly System S.p.A.  
**2022204253** Caffitaly System S.p.A.  
**2022204255** Caffitaly System S.p.A.  
**2022211852** SunBio Inc.  
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| 2021226544               | 2021242350               | <b><u>A61L 31 /-</u></b> |                          | 2021236763               |                          |
| 2021228236               | 2021242808               |                          | 2021274083               | 2021256222               | 2021234356               |
| 2021231197               | 2021250160               | 2021220753               | 2021274894               |                          |                          |
| 2021231521               |                          | <b><u>A61M 1 /-</u></b>  | <b><u>A61P 19 /-</u></b> | <b><u>A61P 35 /-</u></b> | <b><u>A63B 21 /-</u></b> |
| 2021231880               | <b><u>A61K 48 /-</u></b> |                          |                          |                          | 2021219002               |
| 2021232534               |                          | 2021245032               | 2021219710               | 2020454342               |                          |
| 2021232535               | 2020454342               | 2021246962               | 2021227771               | 2021217225               | <b><u>A63B 22 /-</u></b> |
| 2021233771               | 2021218411               |                          | 2021382828               | 2021219710               |                          |
| 2021236249               | 2021231795               | <b><u>A61M 11 /-</u></b> |                          | 2021219948               | 2021219002               |
| 2021236951               | 2021234601               |                          | <b><u>A61P 25 /-</u></b> | 2021220007               | 2021235230               |
| 2021237730               | 2021239908               | 2021241588               |                          | 2021220009               |                          |
| 2021237811               |                          |                          | 2021219332               | 2021220285               | <b><u>A63B 23 /-</u></b> |
| 2021238781               | <b><u>A61K 8 /-</u></b>  | <b><u>A61M 13 /-</u></b> | 2021220539               | 2021220348               |                          |
| 2021239868               |                          |                          | 2021228286               | 2021220539               | 2021235728               |
| 2021240762               | 2021219060               | 2021219111               | 2021233206               | 2021220663               |                          |
| 2021244056               | 2021238760               | 2021241588               | 2021235257               | 2021221001               | <b><u>A63B 71 /-</u></b> |
| 2021244763               | 2021258116               |                          | 2021237185               | 2021223336               |                          |
| 2021246472               | 2021258592               | <b><u>A61M 21 /-</u></b> | 2021238781               | 2021226514               | 2021219002               |
| 2021251760               | 2021263037               |                          |                          | 2021226544               | 2021234356               |
| 2021256222               | 2021274083               | 2021246501               | <b><u>A61P 27 /-</u></b> | 2021228286               |                          |
| 2021258592               | 2022211852               | <b><u>A61M 25 /-</u></b> |                          | 2021231765               | <b><u>A63F 1 /-</u></b>  |
|                          |                          |                          | 2021220539               | 2021231802               | 2021204583               |
| <b><u>A61K 39 /-</u></b> | <b><u>A61K 9 /-</u></b>  | 2021219111               | 2021233235               | 2021235569               | 2021204584               |
|                          |                          | 2021220345               | 2021236930               | 2021236763               |                          |
| 2021217225               | 2021220126               | 2021232951               | 2021246058               | 2021239060               | <b><u>A63H 3 /-</u></b>  |
| 2021218265               | 2021224123               | 2021241514               |                          | 2021244056               |                          |
| 2021219304               | 2021226149               | 2021244584               | <b><u>A61P 29 /-</u></b> | 2021245897               | 2021242291               |
| 2021219948               | 2021234054               |                          |                          | 2021249010               |                          |
| 2021220007               | 2021234375               | <b><u>A61M 27 /-</u></b> | 2021218265               | 2021382828               | <b><u>A63H 33 /-</u></b> |
| 2021220348               | 2021234601               |                          | 2021220539               |                          |                          |
| 2021221001               | 2021235134               | 2021232951               | 2021231197               | <b><u>A61P 37 /-</u></b> | 2021242291               |
| 2021221123               | 2021235304               | 2021241514               | 2021234945               |                          |                          |
| 2021224787               | 2021235449               |                          | 2021235134               | 2021221123               | <b><u>B01D 17 /-</u></b> |
| 2021226544               | 2021235850               | <b><u>A61M 5 /-</u></b>  | 2021236358               | 2021231197               |                          |
| 2021229710               | 2021236234               |                          | 2021236655               | 2021231880               | 2021285074               |
| 2021231238               | 2021236358               | 2021242350               | 2021249010               | 2021234945               |                          |
| 2021231880               | 2021236763               |                          |                          |                          | <b><u>B01D 24 /-</u></b> |
| 2021233816               | 2021238345               | <b><u>A61M 60 /-</u></b> | <b><u>A61P 3 /-</u></b>  | <b><u>A61P 43 /-</u></b> | 2021237473               |
| 2021235569               | 2021238580               |                          |                          | 2021255160               |                          |
| 2021236068               | 2021238758               | 2021232082               | 2021219332               |                          | <b><u>B01D 29 /-</u></b> |
| 2021236655               | 2021242350               | 2021239935               | 2021221113               | <b><u>A61P 7 /-</u></b>  | 2021285074               |
| 2021236763               | 2021242808               |                          | 2021235449               |                          |                          |
| 2021239762               | 2021250160               | <b><u>A61N 1 /-</u></b>  | 2021237185               | 2021226514               |                          |
| 2021242030               | 2021252995               |                          | 2021242321               |                          | <b><u>B01D 35 /-</u></b> |
| 2021253605               | 2021263037               | 2021224165               | <b><u>A61P 31 /-</u></b> | <b><u>A61P 9 /-</u></b>  | 2021285074               |
| 2021262744               |                          | 2021236756               |                          |                          |                          |
| 2021382828               | <b><u>A61L 15 /-</u></b> |                          | 2021219304               | 2021218411               |                          |
|                          |                          | <b><u>A61N 5 /-</u></b>  | 2021220126               | 2021219332               | <b><u>B01D 39 /-</u></b> |
| <b><u>A61K 45 /-</u></b> | 2021223979               |                          | 2021224123               | 2021228098               |                          |
|                          | 2021238758               | 2020427144               | 2021229710               | 2021231795               | 2021285074               |
| 2021219948               |                          |                          | 2021231197               | 2021233206               |                          |
| 2021225046               | <b><u>A61L 2 /-</u></b>  | <b><u>A61P 1 /-</u></b>  | 2021231880               | 2021237149               | <b><u>B01D 5 /-</u></b>  |
| 2021226076               |                          |                          | 2021231880               | 2021237185               |                          |
| 2021233206               | 2020428560               | 2021233433               | 2021232534               | 2021237686               | 2021325250               |
| 2021236763               | 2021232951               | 2021236325               | 2021232535               |                          |                          |
| 2021236930               | 2021247032               | 2021237185               | 2021233816               |                          |                          |
| 2021237149               | 2021263037               | 2021244763               | 2021234945               |                          |                          |

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| <b><u>B01D 53 /-</u></b> |  | <b><u>B32B 29 /-</u></b>               | <b><u>B60W 30 /-</u></b> | 2021233042<br>2021274616   | <b><u>B65G 67 /-</u></b> |
| 2021224746               | <b><u>B21D 28 /-</u></b>   | 2021220751                             | 2021222055               |  | 2021233042               |
| 2021258990               | 2020430752   | 2021222958                             |                          | <b><u>B65B 17 /-</u></b>   |                          |
| 2021325250               | <b><u>B21D 37 /-</u></b>   | 2021224981                             | <b><u>B60W 40 /-</u></b> | 2020435468   | <b><u>B65G 69 /-</u></b> |
| <b><u>B01D 61 /-</u></b> | 2020430752   | <b><u>B32B 37 /-</u></b>               | 2021218472               |  | 2021218699               |
| 2021225310               | <b><u>B21J 1 /-</u></b>  | 2021270393                             | <b><u>B62D 49 /-</u></b> | <b><u>B65B 43 /-</u></b>   |                          |
| <b><u>B01D 63 /-</u></b> | 2021233462   | <b><u>B32B 7 /-</u></b>                | 2021216059               | 2021222089<br>2021222856   | <b><u>B65H 3 /-</u></b>  |
| 2021258990               | <b><u>B21J 3 /-</u></b>  | 2021222958                             | <b><u>B62D 53 /-</u></b> | <b><u>B65B 61 /-</u></b>   | 2021224445               |
| <b><u>B01D 65 /-</u></b> | 2021233462   | 2021224981                             | 2021218699               | 2021222089   | <b><u>B66B 1 /-</u></b>  |
| 2021246962               | <b><u>B21J 5 /-</u></b>  | 2021263141                             | <b><u>B62D 55 /-</u></b> |  | 2021235130               |
| <b><u>B01D 7 /-</u></b>  | 2021233462   | <b><u>B32B 9 /-</u></b>                | 2021232868               | <b><u>B65B 69 /-</u></b>   | <b><u>B66B 19 /-</u></b> |
| 2021325250               | <b><u>B23K 20 /-</u></b>   | 2021263141<br>2021270393               | <b><u>B62D 57 /-</u></b> | 2021222856<br>2021224445   | 2021236184               |
| <b><u>B01F 23 /-</u></b> | 2021233410   | <b><u>B41J 2 /-</u></b>                | 2021234948               | <b><u>B65D 17 /-</u></b>   | <b><u>B66B 7 /-</u></b>  |
| 2021226149               | <b><u>B25J 15 /-</u></b>   | 2021251313                             | <b><u>B62D 63 /-</u></b> | 2020435468   | 2021236184               |
| 2021241522               | 2021233040   | <b><u>B41J 29 /-</u></b>               | 2021228653               | <b><u>B65D 65 /-</u></b>   | <b><u>B66C 5 /-</u></b>  |
| <b><u>B01J 13 /-</u></b> | <b><u>B25J 9 /-</u></b>  | 2021251313                             | <b><u>B63B 25 /-</u></b> | 2021239199   | 2021240375               |
| 2021248261               | 2021233040   | <b><u>B42D 25 /-</u></b>               | 2021370613               | <b><u>B65D 71 /-</u></b>   | <b><u>B66F 9 /-</u></b>  |
| <b><u>B01J 19 /-</u></b> | <b><u>B29B 11 /-</u></b>   | 2021253684                             | <b><u>B63B 32 /-</u></b> | 2020435468<br>2021235975<br>2021240812                             | 2021261001               |
| 2021224746               | 2021304679   | <b><u>B60C 1 /-</u></b>                | 2021243262               | <b><u>B65D 81 /-</u></b>   | <b><u>B67D 99 /-</u></b> |
| <b><u>B01J 20 /-</u></b> | <b><u>B29C 70 /-</u></b>   | 2021253733                             | <b><u>B63B 35 /-</u></b> | 2021220751   | 2021241639               |
| 2021224746               | 2021306727   | <b><u>B60D 1 /-</u></b>                | 2021222114               | <b><u>B65G 1 /-</u></b>  | <b><u>B68G 7 /-</u></b>  |
| <b><u>B01J 21 /-</u></b> | <b><u>B29K 1 /-</u></b>  | 2021228653                             | <b><u>B63H 21 /-</u></b> | 2021253447   | 2021237572               |
| 2021238293               | 2021270393   | <b><u>B60F 3 /-</u></b>                | 2021243262               | <b><u>B65G 15 /-</u></b>   | <b><u>C01B 13 /-</u></b> |
| <b><u>B01J 23 /-</u></b> | <b><u>B29K 23 /-</u></b>   | 2021234948                             | <b><u>B63J 2 /-</u></b>  | 2021222089<br>2021222857<br>2021224444                             | 2020428277<br>2021263415 |
| 2021224854               | 2021263141   | <b><u>B60F 5 /-</u></b>                | 2021370613               |  | <b><u>C01B 3 /-</u></b>  |
| 2021238293               | 2021270393   | 2021234948                             | <b><u>B64C 15 /-</u></b> | <b><u>B65G 37 /-</u></b>   | 2021224746               |
| <b><u>B01J 29 /-</u></b> | <b><u>B29K 29 /-</u></b>   | <b><u>B60H 1 /-</u></b>                | 2021231944               |  | <b><u>C01B 33 /-</u></b> |
| 2021233959               | 2021263141<br>2021270393   | 2021237758<br>2021238656<br>2021238665 | <b><u>B64C 25 /-</u></b> | 2021222855<br>2021222857<br>2021224444                             | 2020428277               |
| <b><u>B01J 35 /-</u></b> | <b><u>B29K 511 /-</u></b>  | <b><u>B60J 7 /-</u></b>                | 2021231944               | <b><u>B65G 43 /-</u></b>   | <b><u>C01C 1 /-</u></b>  |
| 2021238293               | 2021270393   | 2021300880                             | <b><u>B64C 29 /-</u></b> | 2021222855   | 2021224746               |
| <b><u>B01J 37 /-</u></b> | <b><u>B32B 1 /-</u></b>  | <b><u>B60L 53 /-</u></b>               | 2021231944               | <b><u>B65G 47 /-</u></b>   | <b><u>C01G 19 /-</u></b> |
| 2021238293               | 2021263141   | 2021234986                             | <b><u>B64C 39 /-</u></b> | 2021222855<br>2021222857<br>2021222858<br>2021224444<br>2021233042 | 2020428277               |
| <b><u>B01L 3 /-</u></b>  | <b><u>B32B 23 /-</u></b>   | <b><u>B60S 9 /-</u></b>                | 2021231944<br>2021234273 |  | <b><u>C01G 23 /-</u></b> |
| 2021225321               | 2021270393   | 2021218699                             | <b><u>B64D 1 /-</u></b>  | <b><u>B65G 61 /-</u></b>   | 2020428277               |
| 2021240812               | <b><u>B32B 27 /-</u></b>   | <b><u>B60T 13 /-</u></b>               | 2021252429               | 2021233040   | 2020428277               |
| <b><u>B01L 9 /-</u></b>  | 2021222958<br>2021224981<br>2021245659<br>2021263141<br>2021270393 | 2021233835                             | <b><u>B64D 11 /-</u></b> | <b><u>B65G 65 /-</u></b>   | <b><u>C02F 1 /-</u></b>  |
| 2021240812               | <b><u>B02C 2 /-</u></b>  | <b><u>B60T 8 /-</u></b>                | 2021229645               | 2021222858<br>2021233042   | 2021231042               |
| <b><u>B01L 9 /-</u></b>  | 2021253250   | 2021233835                             | <b><u>B64F 1 /-</u></b>  |  |                          |
| 2021255991               | <b><u>B09B 3 /-</u></b>  |  | 2021233040               |  |                          |

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| <b><u>C02F 3 /-</u></b>   |                           | <b><u>C07K 1 /-</u></b>  | <b><u>C08F 220 /-</u></b> | <b><u>C09D 7 /-</u></b>  | 2021382828               |
| 2021340822                | <b><u>C07D 401 /-</u></b> | 2021250381               | 2021237559                | 2020428277               | <b><u>C12N 5 /-</u></b>  |
| <b><u>C02F 9 /-</u></b>   | 2021219710                |                          |                           | 2021232956               | 2020454342               |
| 2021237473                | 2021220539                | <b><u>C07K 14 /-</u></b> | <b><u>C08G 18 /-</u></b>  |                          | 2021218762               |
|                           | 2021220663                | 2021218411               | 2021253845                | <b><u>C09K 3 /-</u></b>  | 2021234601               |
| <b><u>C04B 28 /-</u></b>  | 2021228286                | 2021219233               |                           | 2020378491               | 2021235252               |
| 2021234863                | 2021237149                | 2021220007               | <b><u>C08G 65 /-</u></b>  |                          | 2021239060               |
| 2021250537                | 2021237185                | 2021220348               | 2020378491                | <b><u>C10B 53 /-</u></b> | 2021239973               |
|                           | 2021249010                | 2021224787               |                           | 2021255991               | 2021242313               |
| <b><u>C04B 40 /-</u></b>  | <b><u>C07D 403 /-</u></b> | 2021225310               | <b><u>C08G 69 /-</u></b>  |                          | <b><u>C12N 7 /-</u></b>  |
| 2021234863                | 2021219710                | 2021226544               | 2021221961                | <b><u>C10L 3 /-</u></b>  | 2020454342               |
|                           | 2021220539                | 2021227771               | 2021224143                | 2021258990               | 2021233816               |
| <b><u>C04B 7 /-</u></b>   | 2021228286                | 2021229415               |                           |                          | 2021239973               |
| 2021234863                | 2021231765                | 2021231238               | <b><u>C08J 5 /-</u></b>   | <b><u>C10L 5 /-</u></b>  | <b><u>C12N 9 /-</u></b>  |
|                           | 2021237149                | 2021233816               | 2020428277                | 2021255991               | 2021229415               |
| <b><u>C05G 5 /-</u></b>   | <b><u>C07D 405 /-</u></b> | 2021234095               |                           |                          | 2021231795               |
| 2021236037                | 2021226514                | 2021236068               | <b><u>C08K 3 /-</u></b>   | <b><u>C10L 9 /-</u></b>  | 2021236351               |
|                           | 2021237185                | 2021236763               | 2021253733                | 2021255991               | 2021237368               |
| <b><u>C07C 1 /-</u></b>   | <b><u>C07D 407 /-</u></b> | 2021236951               |                           |                          | 2021237633               |
| 2021233959                | 2021219710                | 2021237730               | <b><u>C08K 5 /-</u></b>   | <b><u>C11D 17 /-</u></b> | 2021240088               |
| 2021233968                |                           | 2021237811               | 2021219982                | 2021219060               | 2021251760               |
|                           | <b><u>C07D 409 /-</u></b> | 2021238781               | 2021248261                |                          | <b><u>C12M 1 /-</u></b>  |
| <b><u>C07C 11 /-</u></b>  | 2021219710                | 2021239060               | <b><u>C08K 9 /-</u></b>   | 2021340822               | <b><u>C12P 21 /-</u></b> |
| 2021233959                |                           | 2021240088               | 2021248261                |                          | 2021224787               |
| 2021233968                | <b><u>C07D 409 /-</u></b> | 2021244056               |                           | <b><u>C12N 1 /-</u></b>  | 2021227771               |
|                           | 2021219710                | 2021251760               | <b><u>C08L 101 /-</u></b> | 2021239868               | <b><u>C12P 5 /-</u></b>  |
| <b><u>C07C 11 /-</u></b>  | <b><u>C07D 413 /-</u></b> | 2021258592               | 2021248261                | 2021240057               | 2021340822               |
| 2021233959                |                           | 2021262744               |                           |                          | <b><u>C12P 7 /-</u></b>  |
| 2021233968                | <b><u>C07D 413 /-</u></b> | <b><u>C07K 16 /-</u></b> | <b><u>C08L 15 /-</u></b>  | 2021240057               | 2021237368               |
|                           | 2021219710                | 2021218265               | 2021253733                | <b><u>C12N 15 /-</u></b> | <b><u>C12Q 1 /-</u></b>  |
| <b><u>C07C 229 /-</u></b> | 2021219710                | 2021219233               |                           | 2020454342               | 2021219852               |
| 2021233206                | 2021220539                | 2021220009               | <b><u>C08L 3 /-</u></b>   | 2021218411               | 2021221117               |
|                           | 2021237185                | 2021221001               | 2021248261                | 2021218671               | 2021224660               |
| <b><u>C07C 39 /-</u></b>  | <b><u>C07D 451 /-</u></b> | 2021221123               |                           | 2021219233               | 2021235901               |
| 2021226149                | 2021228286                | 2021224787               | <b><u>C08L 15 /-</u></b>  | 2021221001               | 2021236605               |
|                           |                           | 2021228098               | 2021253733                | 2021225945               | 2021239861               |
| <b><u>C07C 67 /-</u></b>  | <b><u>C07D 471 /-</u></b> | 2021234327               | <b><u>C08L 3 /-</u></b>   | 2021226544               | 2021240088               |
| 2021238293                | 2021226514                | 2021235569               | 2021263141                | 2021228098               | 2021247032               |
|                           | 2021233433                | 2021236655               | 2021270393                | 2021229415               | 2021251439               |
| <b><u>C07D 213 /-</u></b> | 2021245897                | 2021238341               |                           | 2021230601               | <b><u>C21C 5 /-</u></b>  |
| 2021237686                |                           | 2021239060               | <b><u>C08L 61 /-</u></b>  | 2021231795               | 2020433802               |
|                           | <b><u>C07D 487 /-</u></b> | 2021239744               | 2021248261                | 2021232014               | <b><u>C21D 9 /-</u></b>  |
| <b><u>C07D 231 /-</u></b> | 2021260618                | 2021241426               |                           | 2021232029               | 2021243639               |
| 2021234584                |                           | 2021250381               | <b><u>C08L 63 /-</u></b>  | 2021233816               | <b><u>C22C 38 /-</u></b> |
| 2021235257                | <b><u>C07D 498 /-</u></b> | 2021253516               | 2021248261                | 2021234095               | 2021243639               |
| 2021242808                | 2021245897                | 2021262744               |                           | 2021234169               | <b><u>D07B 1 /-</u></b>  |
|                           |                           | 2021382828               | <b><u>C08L 77 /-</u></b>  | 2021235569               | 2021253121               |
| <b><u>C07D 241 /-</u></b> | <b><u>C07F 9 /-</u></b>   | <b><u>C07K 19 /-</u></b> | 2021221961                | 2021236068               | <b><u>D07B 5 /-</u></b>  |
| 2021245897                | 2021224854                | 2021221113               | 2021224143                | 2021237633               | 2021253121               |
|                           | 2021260618                | 2021228098               | 2021253733                | 2021237633               |                          |
| <b><u>C07D 249 /-</u></b> |                           | <b><u>C07K 7 /-</u></b>  | <b><u>C08L 9 /-</u></b>   | 2021238319               |                          |
| 2021235257                | <b><u>C07H 15 /-</u></b>  | 2021221113               | 2021253733                | 2021239744               |                          |
|                           | 2021248905                | 2021240762               |                           | 2021239762               |                          |
| <b><u>C07D 277 /-</u></b> |                           | 2021244056               | <b><u>C09D 103 /-</u></b> | 2021239868               |                          |
| 2021237686                | <b><u>C07H 21 /-</u></b>  | 2021244763               | 2021232956                | 2021239908               |                          |
|                           | 2021219852                | <b><u>C08B 31 /-</u></b> |                           | 2021240057               |                          |
| <b><u>C07D 279 /-</u></b> | 2021239868                | 2020428277               | <b><u>C09D 109 /-</u></b> | 2021241899               |                          |
| 2021239937                | <b><u>C07H 3 /-</u></b>   | <b><u>C08F 2 /-</u></b>  |                           | 2021242321               |                          |
|                           | 2021236325                | 2021237559               |                           | 2021250381               |                          |
| <b><u>C07D 301 /-</u></b> |                           |                          |                           |                          |                          |
| 2021239986                |                           |                          |                           |                          |                          |

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| <b><u>D21C 3 /-</u></b>  | <b><u>E05C 1 /-</u></b>  | <b><u>F02B 29 /-</u></b> | <b><u>F16H 57 /-</u></b>               | <b><u>F24F 11 /-</u></b>               | <b><u>G01B 1 /-</u></b>  |
| 2021255991               | 2021219094               | 2021235480               | 2021285074                             | 2020438872                             | 2021219586   |
| <b><u>D21H 17 /-</u></b> | <b><u>E05C 9 /-</u></b>  | <b><u>F02M 31 /-</u></b> | <b><u>F16K 17 /-</u></b>               | <b><u>F24F 6 /-</u></b>                | <b><u>G01B 21 /-</u></b>   |
| 2020428277               | 2021219094               | 2021235480               | 2021222388                             | 2021241522                             | 2021219048   |
| <b><u>D21H 19 /-</u></b> | <b><u>E06B 3 /-</u></b>  | <b><u>F03B 13 /-</u></b> | <b><u>F16K 27 /-</u></b>               | <b><u>F24H 6 /-</u></b>                | <b><u>G01C 19 /-</u></b>   |
| 2021270393               | 2020430412               | 2021222108               | 2020446573                             | 2021237758                             | 2021219048   |
| <b><u>D21H 23 /-</u></b> | <b><u>E06B 7 /-</u></b>  | <b><u>F04B 1 /-</u></b>  | <b><u>F16K 31 /-</u></b>               | <b><u>F24H 9 /-</u></b>                | <b><u>G01C 21 /-</u></b>   |
| 2021270393               | 2020429424               | 2021246059               | 2021222388                             | 2020438326                             | 2021219857   |
| <b><u>D21H 27 /-</u></b> | <b><u>E06B 9 /-</u></b>  | <b><u>F04B 13 /-</u></b> | <b><u>F16K 35 /-</u></b>               | <b><u>F24S 20 /-</u></b>               | <b><u>G01C 7 /-</u></b>  |
| 2021270393               | 2020429424<br>2021203470 | 2021246060               | 2021222388                             | 2021222114                             | 2021219857   |
| <b><u>E02B 9 /-</u></b>  | <b><u>E21B 19 /-</u></b> | <b><u>F04B 17 /-</u></b> | <b><u>F16K 5 /-</u></b>                | <b><u>F24S 25 /-</u></b>               | <b><u>G01D 21 /-</u></b>   |
| 2021222108               | 2021236143               | 2021246059<br>2021248926 | 2021222388                             | 2021222114<br>2021224910               | 2021219586   |
| <b><u>E02D 17 /-</u></b> | <b><u>E21B 23 /-</u></b> | <b><u>F04B 23 /-</u></b> | <b><u>F16L 1 /-</u></b>                | 2021239839<br>2021239972               | <b><u>G01F 19 /-</u></b>   |
| 2021245294               | 2021234382               | 2021246060               | 2021240375                             |  | 2021246896   |
| <b><u>E02F 3 /-</u></b>  | <b><u>E21B 34 /-</u></b> | <b><u>F04B 43 /-</u></b> | <b><u>F16L 23 /-</u></b>               | <b><u>F24S 30 /-</u></b>               | <b><u>G01G 19 /-</u></b>   |
| 2021292816               | 2020446573               | 2021246059               | 2020433802                             | 2021224910                             | 2021218472   |
| <b><u>E02F 9 /-</u></b>  | <b><u>E21B 36 /-</u></b> | <b><u>F04B 49 /-</u></b> | <b><u>F16L 53 /-</u></b>               | <b><u>F24T 10 /-</u></b>               | <b><u>G01J 3 /-</u></b>  |
| 2021245294<br>2021292816 | 2021220232               | 2021246059               | 2021220232                             | 2021232588                             | 2021238642   |
| <b><u>E03F 5 /-</u></b>  | <b><u>E21B 41 /-</u></b> | <b><u>F04B 53 /-</u></b> | <b><u>F16L 55 /-</u></b>               | <b><u>F25B 39 /-</u></b>               | <b><u>G01J 5 /-</u></b>  |
| 2021237473               | 2021220232               | 2021246059<br>2021248926 | 2021248261                             | 2021243677                             | 2020438872   |
| <b><u>E04B 1 /-</u></b>  | <b><u>E21B 43 /-</u></b> | <b><u>F04B 9 /-</u></b>  | <b><u>F16M 11 /-</u></b>               | <b><u>F25C 1 /-</u></b>                | <b><u>G01N 1 /-</u></b>  |
| 2021239839<br>2021239972 | 2021220232<br>2021281402 | 2021246059<br>2021248926 | 2021218699                             | 2021249244<br>2021251644<br>2021252463 | 2021235901<br>2021240812   |
| <b><u>E04B 2 /-</u></b>  | <b><u>E21B 44 /-</u></b> | <b><u>F04D 29 /-</u></b> | <b><u>F17C 13 /-</u></b>               | <b><u>F25D 21 /-</u></b>               | <b><u>G01N 15 /-</u></b>   |
| 2021237982               | 2021219048               | 2021249219               | 2021370613                             | 2021252463                             | 2021236605   |
| <b><u>E04C 2 /-</u></b>  | <b><u>E21B 47 /-</u></b> | <b><u>F04D 9 /-</u></b>  | <b><u>F22B 37 /-</u></b>               | <b><u>F25D 3 /-</u></b>                | <b><u>G01N 21 /-</u></b>   |
| 2021237982               | 2021219048<br>2021236143 | 2021249219               | 2021237051                             | 2021239805                             | 2020440916<br>2021223892<br>2021223893<br>2021236605<br>2021238642<br>2021258536 |
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| 2021239839<br>2021239972 | 2021236143               | 2021218765               | 2021237758<br>2021238656<br>2021238665 | 2021241522                             |  |
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| 2021227418<br>2021242320 | 2021219857               | 2021239839<br>2021239972 | 2021237758<br>2021238665               | 2020433802                             | 2021221117<br>2021233649<br>2021235713<br>2021237492<br>2021253516               |
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| 2021249219               | 2021247251               | 2021222114               | 2021237051                             | 2021243677                             |  |
| <b><u>E05B 63 /-</u></b> | <b><u>F01P 1 /-</u></b>  | <b><u>F16B 5 /-</u></b>  | <b><u>F24D 10 /-</u></b>               | <b><u>F28F 1 /-</u></b>                | <b><u>G01N 30 /-</u></b>   |
| 2021219094               | 2021233770               | 2021239839<br>2021239972 | 2021256261                             | 2021243677                             | 2021240088   |
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| 2021219094               | 2021247251               | 2021393852               | 2021256261                             | 2021241109<br>2021242930<br>2021243677 | 2021221001<br>2021221117   |

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| 2021236605               | 2021231962               | 2021234286               |                          | 2021230418               | 2021233050               |
| 2021237492               |                          |                          | 2021253447               | 2021273919               |                          |
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| <b><u>G01S 13 /-</u></b> |                          | 2021263918               |                          |                          | 2020437170               |
|                          | 2021347277               | <b><u>G06Q 30 /-</u></b> | 2021238245               | 2020434577               | <b><u>H04Q 9 /-</u></b>  |
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|                          | 2021225758               |                          |                          | <b><u>H02S 20 /-</u></b> | 2021218779               |
| 2021219857               |                          | 2021225758               | 2020439624               |                          | 2021282269               |
| 2021222055               | <b><u>G06F 16 /-</u></b> | 2021247499               | 2020440799               | 2021220955               |                          |
| 2021261001               |                          | 2021256261               | <b><u>H01L 29 /-</u></b> | 2021224910               | <b><u>H04R 31 /-</u></b> |
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| 2021261001               | 2021241654               | <b><u>G06T 15 /-</u></b> | <b><u>H01L 31 /-</u></b> | 2021220955               | <b><u>H04R 9 /-</u></b>  |
|                          | 2021263903               |                          |                          | <b><u>H03K 19 /-</u></b> | 2021282269               |
| <b><u>G01V 1 /-</u></b>  | <b><u>G06F 3 /-</u></b>  | 2021237123               | 2020427991               | 2021347277               | <b><u>H04S 1 /-</u></b>  |
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| 2021219343               | 2021251313               |                          | 2021262466               | <b><u>H04B 1 /-</u></b>  | 2021236362               |
| 2021231077               |                          | 2020437170               | <b><u>H01L 39 /-</u></b> |                          |                          |
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| 2021256736               | 2021235734               |                          | 2020440799               |                          |                          |
|                          | 2021237394               | 2020437170               | <b><u>H01M 10 /-</u></b> | 2021246603               | <b><u>H04S 7 /-</u></b>  |
| <b><u>G02B 21 /-</u></b> | <b><u>G06K 9 /-</u></b>  | <b><u>G06T 7 /-</u></b>  |                          |                          |                          |
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**H04W 92 /-**

2020441042

**H05K 5 /-**

2021220955

**H05K 7 /-**

2021220955



Applications Accepted

Name Index

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(71) Ablynx NV  
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 (21) 2020230299 (22) 10.09.2020  
 (54) Techniques for predicting, detecting and reducing aspecific protein interference in assays involving immunoglobulin single variable domains  
 (51) Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/42* ( 2006.01 )  
*G01N 33/00* ( 2006.01 )  
 (43) 01.10.2020  
 (44) 06.10.2022  
 (62) 2019201606  
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 (21) 2021215107 (22) 09.08.2021  
 (54) Apparatuses and methods for small data transmission in a radio resource control (RRC) inactive state  
 (51) Int. Cl.  
*H04W 28/02* ( 2009.01 )  
*H04W 4/70* ( 2018.01 )  
*H04W 76/10* ( 2018.01 )  
*H04W 76/27* ( 2018.01 )  
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 (11) AU-B-2020256385  
 (21) 2020256385 (22) 15.10.2020  
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 (51) Int. Cl.  
*B25B 5/16* ( 2006.01 )  
*F16B 2/12* ( 2006.01 )  
*F16B 2/18* ( 2006.01 )  
 (43) 12.11.2020  
 (44) 06.10.2022  
 (62) 2018206800  
 (72) URSELL, Mike; FAVEL, Garry; HER-SHKOVICH, Tsvi  
 (74) Davies Collison Cave Pty Ltd

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(71) Airbus Defence and Space Limited  
 (11) AU-B-2021217099  
 (21) 2021217099 (22) 22.01.2021

(54) Optimisation for data transmission  
 (51) Int. Cl.  
*H04B 7/185* ( 2006.01 )  
*H04L 1/00* ( 2006.01 )  
 (87) WO2021/156076  
 (31) 20155446.6 (32) 04.02.20 (33) EP  
 (43) 12.08.2021  
 (44) 06.10.2022  
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 (21) 2021231943 (22) 01.03.2021  
 (54) Space optical instrument comprising improved thermal guard  
 (51) Int. Cl.  
*G02B 7/18* ( 2021.01 )  
*G02B 23/06* ( 2006.01 )  
*G05D 23/27* ( 2006.01 )  
 (87) WO2021/176169  
 (31) FR20 02084 (32) 02.03.20 (33) FR  
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 (54) Improved protein expression strains  
 (51) Int. Cl.  
*C12N 15/31* ( 2006.01 )  
*C07K 14/395* ( 2006.01 )  
*C12N 9/00* ( 2006.01 )  
*C12N 9/10* ( 2006.01 )  
*C12N 15/81* ( 2006.01 )  
*C12P 21/02* ( 2006.01 )  
 (87) WO2018/234349  
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 H04L 67/00 ( 2022.01 )  
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**G05D 1/02** ( 2020.01 )  
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 A61L 2/10 ( 2006.01 )  
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 A61L 9/20 ( 2006.01 )  
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 A61P 1/00 ( 2006.01 )  
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**A61K 31/702** ( 2006.01 )  
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**H04L 65/1095** ( 2022.01 )  
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**H04W 4/10** ( 2009.01 )  
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**H04N 5/00** ( 2011.01 )  
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 storage with enhanced security, resili-  
 ence, and control  
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**G06F 16/17A** ( 2019.01 )  
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**G06F 21/60** ( 2013.01 )  
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**(74)** WRAYS PTY LTD

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**B01D 33/03** ( 2006.01 )  
**B07B 1/46** ( 2006.01 )  
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 tion errors in media titles  
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*B23K 9/12* (2006.01)  
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*A61P 5/24* (2006.01)  
*A61P 13/08* (2006.01)  
*A61P 15/02* (2006.01)  
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 (74) Allens Patent & Trade Mark Attorneys

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*B01J 19/08* (2006.01)  
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*A61B 5/395* (2021.01)  
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     A61N 1/40 ( 2006.01 )  
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     C11D 3/00 ( 2006.01 )  
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**C22B 1/00** ( 2006.01 )  
**B03D 1/002** ( 2006.01 )  
**C22B 23/00** ( 2006.01 )  
**C22B 26/12** ( 2006.01 )  
**B03D 103/02** ( 2006.01 )  
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**A01B 15/18** ( 2006.01 )  
**A01B 49/06** ( 2006.01 )  
**A01B 61/04** ( 2006.01 )  
**A01B 63/22** ( 2006.01 )  
**A01C 5/00** ( 2006.01 )  
**A01C 5/04** ( 2006.01 )  
**A01C 5/06** ( 2006.01 )  
**A01C 5/08** ( 2006.01 )  
**A01C 7/00** ( 2006.01 )  
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**A01C 15/00** ( 2006.01 )  
**A01C 15/06** ( 2006.01 )  
**A01C 15/12** ( 2006.01 )  
**A01C 15/16** ( 2006.01 )  
**A01C 21/00** ( 2006.01 )  
**A01C 23/00** ( 2006.01 )  
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**A01G 25/09** ( 2006.01 )  
**A01G 29/00** ( 2006.01 )  
**A01M 7/00** ( 2006.01 )  
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**E04F 13/07** ( 2006.01 )  
**A01M 29/32** ( 2011.01 )  
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(71) Public University Corporation Yokohama City University  
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**B65D 83/08** ( 2006.01 )  
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**H01R 12/71** ( 2011.01 )  
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**C02F 3/34** ( 2006.01 )  
**C02F 11/02** ( 2006.01 )  
**C12N 1/02** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12N 1/26** ( 2006.01 )  
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**A61B 5/08** ( 2006.01 )  
**A61B 5/113** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**G16H 50/20** ( 2018.01 )  
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**F41H 7/02** ( 2006.01 )  
**F41A 23/00** ( 2006.01 )  
**B65D 90/00** ( 2006.01 )  
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 (51) Int. Cl.

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 Di Nicolantonio, Aldo; Zurbrugg,  
 Andreas; Sinzig, Bruno; Quebatte,  
 Laurent; Schuller, Marcus  
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**Rohm and Haas Company see Dow Global  
 Technologies LLC**  
**(21)** 2016433599

**(71)** Rommelag iLabs GmbH  
**(11)** AU-B-2019334284  
**(21)** 2019334284 **(22)** 27.08.2019  
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 tion machine in a data-secured manner  
**(51)** Int. Cl.  
**G05B 19/418** ( 2006.01 )  
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**G06F 21/82** ( 2013.01 )  
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 ardous locations  
**(51)** Int. Cl.  
**G01N 27/02** ( 2006.01 )  
**G01D 11/24** ( 2006.01 )  
**G01N 27/22** ( 2006.01 )  
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 ing resources and transmitting/receiving  
 data in wireless cellular communication  
 system  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04L 5/00** ( 2006.01 )  
**H04W 72/12** ( 2009.01 )  
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**(74)** Griffith Hack

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**(21)** 2020217412 **(22)** 13.08.2020  
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 of insulin analogues and/or insulin de-  
 rivatives  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/02** ( 2006.01 )  
**A61K 38/28** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )

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 ald  
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**(21)** 2017220064 **(22)** 15.02.2017  
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 method of controlling inventory  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06K 7/10** ( 2006.01 )

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**(74)** FOUNDRY INTELLECTUAL PROP-  
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 gas shut-off in subterranean formations  
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**C09K 8/506** ( 2006.01 )  
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 Restorp, Per Anders  
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 line wi-fi system with a wireless access  
 point  
**(51)** Int. Cl.  
**H04M 1/725** ( 2006.01 )  
**G06F 1/3234** ( 2019.01 )  
**G07C 9/00** ( 2020.01 )  
**H04W 4/80** ( 2018.01 )  
**H04W 52/02** ( 2009.01 )  
**H04W 84/18** ( 2009.01 )  
**H04W 88/06** ( 2009.01 )  
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 GREEN, Christopher  
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**(71)** Schneider Electric (Australia) Pty Ltd  
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**(54)** BUTTON AND BUTTON SWITCH  
**(51)** Int. Cl.  
**H01H 13/02** ( 2006.01 )  
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**(43)** 27.06.2019  
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 means of high voltage discharges  
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**B02C 19/18** ( 2006.01 )  
**B02C 25/00** ( 2006.01 )  
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 Meylan, Bastian; Shevchik, Sergey;  
 Wasmer, Kilian; Mosaddeghi, Seyed  
 Abbas  
**(74)** Davies Collison Cave Pty Ltd

**(71)** SelfServeMe Pty Ltd  
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**(51)** Int. Cl.  
**G06F 16/00** ( 2019.01 )  
**G06Q 50/00** ( 2006.01 )  
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 (51) Int. Cl.  
**G06F 21/60** ( 2013.01 )  
**G06N 3/08** ( 2006.01 )  
**G06T 1/40** ( 2006.01 )  
**G06T 5/00** ( 2006.01 )  
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 (51) Int. Cl.  
**C12P 19/12** ( 2006.01 )  
**C07H 1/02** ( 2006.01 )  
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**B03C 1/30** ( 2006.01 )  
**B03B 5/66** ( 2006.01 )  
**B03B 7/00** ( 2006.01 )  
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(71) Shanghai Cheermore Biological Technology Co., Ltd  
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**C07H 15/18** ( 2006.01 )  
**A61K 8/60** ( 2006.01 )  
**A61Q 19/02** ( 2006.01 )  
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 (54) Automatic immersion ice-coating machine  
 (51) Int. Cl.  
**A23B 4/26** ( 2006.01 )  
**A23B 4/06** ( 2006.01 )  
**A23L 3/36** ( 2006.01 )  
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(71) SharkNinja Operating LLC  
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**A46B 13/00** ( 2006.01 )  
**A46B 17/06** ( 2006.01 )  
**A47L 5/30** ( 2006.01 )  
**A47L 11/24** ( 2006.01 )  
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 (51) Int. Cl.  
**H04W 80/08** ( 2009.01 )  
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 (54) Systems and methods for signaling picture order count values for pictures included in coded video  
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**H04N 19/70** ( 2014.01 )  
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 (54) HAIR DRYER AND AIR NOZZLE THEREOF  
 (51) Int. Cl.  
**A45D 20/12** ( 2006.01 )  
**A45D 20/10** ( 2006.01 )  
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 (74) Madderns Pty Ltd

(71) Siemens Energy Global GmbH & Co. KG  
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 (21) 2020266969 (22) 18.03.2020  
 (54) Control of a ship  
 (51) Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**B63H 25/04** ( 2006.01 )  
**B63H 25/42** ( 2006.01 )  
**B63H 25/50** ( 2006.01 )  
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 (43) 05.11.2020  
 (44) 06.10.2022  
 (72) DEEG, Markus  
 (74) Spruson & Ferguson

(71) Sika Technology AG  
 (11) AU-B-2017375405  
 (21) 2017375405 (22) 07.12.2017  
 (54) Hardener for cold hardening epoxy resin adhesives having fast hardening  
 (51) Int. Cl.  
**C08G 59/18** ( 2006.01 )  
 (87) WO2018/108706  
 (31) 16204073.7 (32) 14.12.16 (33) EP  
 (43) 21.06.2018  
 (44) 06.10.2022  
 (72) Gerber, Ulrich  
 (74) WRAYS PTY LTD

(71) Sika Technology AG  
 (11) AU-B-2017375406  
 (21) 2017375406 (22) 07.12.2017  
 (54) Epoxy resin adhesive with high compressive strength  
 (51) Int. Cl.  
**C08G 59/18** ( 2006.01 )  
**C04B 26/14** ( 2006.01 )  
**C09J 163/00** ( 2006.01 )  
 (87) WO2018/108707  
 (31) 16204079.4 (32) 14.12.16 (33) EP  
 (43) 21.06.2018  
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 (74) WRAYS PTY LTD

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**Sinopec Southwest Oil & Gas Company see China Petroleum & Chemical Corporation**  
**(21)** 2017209219

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**(71)** SKRIN PTY LTD  
**(11)** AU-B-2022211897  
**(21)** 2022211897 **(22)** 05.08.2022  
**(54)** STEEL ACTIVATOR FOR CONTAINER TWIST LOCK  
**(51)** Int. Cl.  
*B65D 90/00* ( 2006.01 )  
*B60P 7/13* ( 2006.01 )  
**(43)** 01.09.2022  
**(44)** 06.10.2022  
**(62)** 2017200922  
**(72)** Nyholm, Ture  
**(74)** Collison & Co

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**(71)** Snap-on Incorporated  
**(11)** AU-B-2021203133  
**(21)** 2021203133 **(22)** 17.05.2021  
**(54)** Housing clamp for a power tool  
**(51)** Int. Cl.  
*B25F 5/02* ( 2006.01 )  
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**A61K 9/06** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-B-2021225219  
 (21) 2021225219 (22) 02.09.2021  
 (54) MIRROR ASSEMBLY  
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- (71) Weber, P.  
 (11) AU-B-2021204373  
 (21) 2021204373 (22) 28.06.2021  
 (54) APPARATUS AND SYSTEMS FOR MINIMALLY INVASIVE DISSECTION OF TISSUES  
 (51) Int. Cl.  
**A61B 18/04** ( 2006.01 )  
**A61B 17/3209** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**A61B 18/12** ( 2006.01 )  
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- (71) Westinghouse Air Brake Technologies Corporation  
 (11) AU-B-2019210506  
 (21) 2019210506 (22) 30.07.2019  
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**B60T 17/22** ( 2006.01 )  
**G01D 9/02** ( 2006.01 )  
**G01D 21/00** ( 2006.01 )  
**G01L 7/00** ( 2006.01 )  
**G06F 11/30** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick
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- (71) Wright Medical Technology, Inc.  
 (11) AU-B-2020256210  
 (21) 2020256210 (22) 02.04.2020  
 (54) Surgical system and methods for stabilization and fixation of fractures, joints, and reconstructions  
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 (74) Spruson & Ferguson
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**G01N 33/53** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
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 (54) Room and Area Disinfection Utilizing Pulsed Light With Modulated Power



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- Flux And Light Systems With Visible Light Compensation Between Pulses  
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**(11)** AU-B-2017335722  
**(21)** 2017335722 **(22)** 28.09.2017  
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**(51)** Int. Cl.  
**A61K 47/10** ( 2017.01 )  
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**A61K 9/48** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
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**(21)** 2017254659 **(22)** 20.04.2017  
**(54)** Systems and methods for implants and deployment devices  
**(51)** Int. Cl.  
**A61F 2/07** ( 2013.01 )  
**A61B 90/00** ( 2016.01 )  
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**(74)** AJ PARK
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**(11)** AU-B-2019236615  
**(21)** 2019236615 **(22)** 24.09.2019  
**(54)** AN OPERATING MECHANISM FOR ROTARY SWITCH  
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**H01H 19/00** ( 2006.01 )  
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**(74)** Tom Lee
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- (71)** Zhejiang Doer Biologics Corporation  
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**(21)** 2019422629 **(22)** 06.12.2019  
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**C07K 16/30** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/42** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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| <b>2015373051</b> | Cell Cure Neurosciences Ltd.  | <b>2017343845</b> | National Oilwell Varco UK Limited                                       |
| <b>2015414792</b> | Ent. Services Development Corporation LP  | <b>2017344759</b> | Combitile Pty Ltd   |
| <b>2016253004</b> | University of Utah Research Foundation  | <b>2017345353</b> | Descansare Sleep Lab, S.L.  |
| <b>2016260306</b> | The Trustees of The University of Pennsylvania  | <b>2017346936</b> | Biosceptre (Aust) Pty Ltd   |
| <b>2016270625</b> | Genentech, Inc.   | <b>2017353865</b> | Continuous Composites Inc.  |
| <b>2016276981</b> | Alector LLC   | <b>2017354953</b> | Igwemezie, J.   |
| <b>2016287354</b> | Lehmann, M.   | <b>2017357045</b> | AMO Development, LLC  |
| <b>2016292980</b> | H. Lundbeck A/S   | <b>2017359301</b> | Henry Ford Health System  |
| <b>2016301969</b> | Université Paris-Saclay; Acticor Biotech; Institut National de la Sante et de la Recherche Medicale (INSERM) (EPST); université Paris Cité; Universite Paris-XIII | <b>2017360114</b> | The Secretary of State for Foreign and Commonwealth Affairs             |
| <b>2016304597</b> | Memorial Sloan Kettering Cancer Center  | <b>2017361986</b> | BAE Systems plc   |
| <b>2016335767</b> | Biogen Chesapeake LLC   | <b>2017362979</b> | TAE Technologies, Inc.  |
| <b>2016336452</b> | The Children's Hospital of Philadelphia   | <b>2017365739</b> | Lappeenranta-Lahden Teknillinen Yliopisto Lut                           |
| <b>2016344508</b> | Quethera Limited  | <b>2017371717</b> | Keshi Technologies Pty Ltd  |
| <b>2016349950</b> | Immunexpress Pty Ltd  | <b>2017372058</b> | B.G. Negev Technologies and Applications Ltd., at Ben-Gurion University |
| <b>2016364627</b> | Otago Innovation Limited  | <b>2017372464</b> | Ethicon, Inc.   |
| <b>2016374909</b> | Public University Corporation Yokohama City University  | <b>2017372477</b> | MasterCard International Incorporated                                   |
| <b>2016377252</b> | Novolabs Limited  | <b>2017373667</b> | TOCA Football, Inc.   |
| <b>2016377859</b> | BPW Bergische Achsen KG   | <b>2017375405</b> | Sika Technology AG  |
| <b>2016403142</b> | SUNTORY HOLDINGS LIMITED; KYOEI INDUSTRY CO., LTD.  | <b>2017375406</b> | Sika Technology AG  |
| <b>2016411989</b> | Selfrag AG  | <b>2017376812</b> | Chemson Polymer-Additive AG   |
| <b>2016427261</b> | Crescita Therapeutics Inc.  | <b>2017381405</b> | Nu-Rock Corporation S.a.r.l.  |
| <b>2016433599</b> | Dow Global Technologies LLC; Rohm and Haas Company  | <b>2017382907</b> | CloudBlue LLC   |
| <b>2017201114</b> | Fujitsu General Limited   | <b>2017404207</b> | Sony Corporation  |
| <b>2017201274</b> | Calphalon Corporation   | <b>2017417809</b> | NTT DOCOMO, INC.  |
| <b>2017201558</b> | Australian Rain Technologies Pty Limited  | <b>2017418048</b> | Nokia Technologies Oy   |
| <b>2017202872</b> | Syngenta Participations AG  | <b>2017440250</b> | Guangdong Oppo Mobile Telecommunications Corp., Ltd.                    |
| <b>2017203915</b> | MillerKnoll, Inc  | <b>2018200862</b> | Hunter Douglas, Inc.  |
| <b>2017209219</b> | China Petroleum & Chemical Corporation; Sinopec Southwest Oil & Gas Company   | <b>2018202601</b> | Covidien LP   |
| <b>2017211684</b> | InStar Technologies A.S.  | <b>2018204861</b> | Thales Holdings UK Plc  |
| <b>2017216429</b> | Cyclerion Therapeutics, Inc.  | <b>2018207032</b> | Hendricks Corp. Pte. Ltd.   |
| <b>2017220064</b> | Sato Holdings Kabushiki Kaisha  | <b>2018207955</b> | Herbolea Biotech S.r.l.   |
| <b>2017230897</b> | Kippen, A.  | <b>2018208515</b> | Mölnlycke Health Care AB  |
| <b>2017232266</b> | Solvotrin Therapeutics Ltd  | <b>2018210157</b> | Fred Hutchinson Cancer Center   |
| <b>2017235950</b> | Poseidon Nickel Limited   | <b>2018222793</b> | Hitachi Energy Switzerland AG   |
| <b>2017238051</b> | Trevi Therapeutics, Inc.  | <b>2018231729</b> | Ionech Limited  |
| <b>2017243763</b> | Philip Morris Products S.A.   | <b>2018248654</b> | MBDA UK Limited   |
| <b>2017245328</b> | Baltimore Aircoil Company, Inc  | <b>2018266262</b> | InMed Pharmaceuticals Inc.  |
| <b>2017252625</b> | OA Labs LLC   | <b>2018268305</b> | c-LEcta GmbH  |
| <b>2017254659</b> | Zenflow, Inc.   | <b>2018269421</b> | Saudi Arabian Oil Company; Nouryon Chemicals International B.V.         |
| <b>2017261628</b> | Oticon Medical A/S  | <b>2018274878</b> | Schneider Electric (Australia) Pty Ltd                                  |
| <b>2017265120</b> | Tunny, G.; Harms, C.  | <b>2018278777</b> | PayPal, Inc.  |
| <b>2017269058</b> | R.J. Van Geer Beheer BV   | <b>2018279708</b> | Hollister Incorporated  |
| <b>2017276798</b> | Solar Sailor Pty Ltd  | <b>2018285857</b> | Integrated BioTherapeutic Vaccines, Inc.                                |
| <b>2017282638</b> | Janssen Biotech, Inc.   | <b>2018286919</b> | Albumedix Ltd.  |
| <b>2017285460</b> | Intex Marketing Ltd.  | <b>2018290905</b> | CinDome Pharma Inc.   |
| <b>2017290263</b> | Visa International Service Association  | <b>2018291354</b> | Sharp Kabushiki Kaisha; FG Innovation Company Limited                   |
| <b>2017291699</b> | Ecolab USA Inc.   | <b>2018297275</b> | I-CON Systems, Inc.   |
| <b>2017293303</b> | Equinor Energy AS   | <b>2018301781</b> | Centripetal Networks, Inc.  |
| <b>2017294024</b> | Norsk Titanium AS   | <b>2018315106</b> | Huawei Technologies Co., Ltd.   |
| <b>2017294130</b> | Honeywell Control Systems Ltd.  | <b>2018315806</b> | Sumitomo Electric Industries, Ltd.                                      |
| <b>2017296198</b> | FCI Holdings Delaware, Inc.   | <b>2018321021</b> | Tokushima University  |
| <b>2017300767</b> | Precision Planting LLC  | <b>2018337956</b> | Pluto Inc.  |
| <b>2017307641</b> | Corex Plastics (Australia) Pty Ltd  | <b>2018338433</b> | Fluid Equipment Development Company, LLC                                |
| <b>2017314759</b> | SelfServeMe Pty Ltd   | <b>2018341370</b> | Samsung Electronics Co., Ltd.   |
| <b>2017314989</b> | Robert Bosch GmbH   | <b>2018351746</b> | I.D. Electroquimica, S.L.   |
| <b>2017317584</b> | Publicidad Exterior S.r.l.; Eguia Terradas, J.A.  | <b>2018359015</b> | Indee. Pty. Ltd.  |
| <b>2017325107</b> | Medical Developments International Limited  | <b>2018364931</b> | Stiehl, J.; Stiehl, K.  |
| <b>2017326757</b> | Throat Scope Pty Ltd  | <b>2018364993</b> | University of Massachusetts   |
| <b>2017329247</b> | Walnab Pty Ltd  | <b>2018395121</b> | Helixmith Co., Ltd  |
| <b>2017329964</b> | Grünenthal GmbH   | <b>2018411565</b> | Financial & Risk Organisation Limited                                   |
| <b>2017335722</b> | Yissum Research Development Company of the Hebrew University of Jerusalem Ltd   | <b>2018442815</b> | Google, LLC   |
| <b>2017340775</b> | NeuroLens, Inc.   | <b>2018453648</b> | Mitsubishi Electric Corporation   |
|                   |   | <b>2018455774</b> | Colgate-Palmolive Company   |

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| 2019201346 | Oticon Medical A/S   | 2020227208 | Becton Dickinson France  |
| 2019210506 | Westinghouse Air Brake Technologies Corporation  | 2020230250 | MICRO-STAR INT'L CO., LTD.; MSI COMPUTER (SHENZHEN) CO., LTD.                              |
| 2019236615 | ZHEJIANG BENYI ELECTRICAL CO., LTD.  | 2020230299 | Abylnx NV  |
| 2019243093 | Morinaga Milk Industry Co., Ltd.   | 2020233795 | American Sterilizer Company  |
| 2019254726 | LTS Lohmann Therapie-Systeme AG  | 2020239755 | PHOENIX CONTACT GmbH & Co. KG  |
| 2019258167 | Komatsu Ltd.   | 2020239805 | Cadena Bio, Inc.   |
| 2019269066 | F. Hoffmann-La Roche AG  | 2020244484 | The Johns Hopkins University   |
| 2019275553 | Canon Kabushiki Kaisha   | 2020250245 | The Arizona Board of Regents on Behalf of the University of Arizona; Augmented Vision Inc. |
| 2019281676 | Beijing Geekplus Technology Co., Ltd.  | 2020250249 | Millennium Pharmaceuticals, Inc.   |
| 2019281911 | Rheinmetall Landsysteme GmbH   | 2020250301 | LG Electronics Inc.  |
| 2019289110 | Eli Lilly and Company  | 2020253306 | Schlage Lock Company LLC   |
| 2019295380 | Nicoventures Trading Limited   | 2020256210 | Wright Medical Technology, Inc.  |
| 2019297829 | Sharp Kabushiki Kaisha; FG Innovation Company Limited  | 2020256385 | Affinity Tool Works LLC  |
| 2019303970 | Haldor Topsøe A/S  | 2020261022 | Lineage Logistics, LLC   |
| 2019311999 | IHI Corporation  | 2020265463 | i-SENS, Inc.   |
| 2019314012 | i-SENS, Inc.   | 2020266969 | Siemens Energy Global GmbH & Co. KG  |
| 2019316629 | SharkNinja Operating LLC   | 2020267173 | Fisher & Paykel Healthcare Limited   |
| 2019322890 | Allergan, Inc.   | 2020267293 | LG ELECTRONICS INC.  |
| 2019326846 | Knorr-Bremse Systeme für Nutzfahrzeuge GmbH  | 2020277100 | Amarin Pharmaceuticals Ireland Limited   |
| 2019330457 | Great Wall Motor Company Limited   | 2020279052 | Myota, Inc.  |
| 2019334284 | Rommelag iLabs GmbH  | 2020281015 | Washington University  |
| 2019334845 | ViaLase, Inc.  | 2020281095 | Spero Therapeutics, Inc.   |
| 2019337129 | Daikin Industries, Ltd.  | 2020285522 | Raytheon Company   |
| 2019345216 | ICB Pharma Tomasz Świątosławski Paweł Świątosławski Spółka Jawna                               | 2020285657 | Element Biosciences, Inc.  |
| 2019346535 | Rosemount Inc  | 2020289827 | Lensar, Inc.   |
| 2019355831 | Elanco Tiergesundheits AG  | 2020289866 | Vorwerk & Co Interholding GmbH   |
| 2019358373 | Inventio AG  | 2020304216 | Hoya Lens Thailand Ltd.  |
| 2019363932 | HotaluX, Ltd.  | 2020327339 | Shandong Henglu Biotech. Co., Ltd.   |
| 2019368520 | South China University of Technology   | 2020342532 | Parker, J.   |
| 2019374742 | SERVICENOW CANADA INC.   | 2020391339 | Motorola Solutions, Inc.   |
| 2019375771 | Old Dominion University Research Foundation  | 2020394610 | ResMed Sensor Technologies Limited   |
| 2019382040 | Huawei Technologies Co., Ltd.  | 2020407645 | Landos Biopharma, Inc.   |
| 2019383763 | Kabushiki Kaisha Toyota Jidoshokki   | 2020414832 | Shanghai Cheermore Biological Technology Co., Ltd  |
| 2019384731 | Netflix, Inc.  | 2020427921 | Intuit Inc.  |
| 2019386646 | Huawei Technologies Co., Ltd.  | 2021200413 | FSP Holdings Pty Ltd   |
| 2019388376 | Asahi Kasei Kabushiki Kaisha   | 2021200461 | Vanadis Diagnostics  |
| 2019398290 | Alfa Laval Corporate AB  | 2021200517 | Amgen Inc.   |
| 2019400562 | Borealis AG  | 2021200783 | Ikaika Therapeutics, LLC   |
| 2019414236 | Colgate-Palmolive Company  | 2021200868 | Nagravision SA   |
| 2019419132 | Haier Smart Home Co., Ltd.   | 2021200936 | MX Technologies Inc.   |
| 2019419626 | Haier Smart Home Co., Ltd.   | 2021201101 | Gries, G.  |
| 2019420166 | China Energy Investment Corporation Limited; National Institute of Clean-and-Low-Carbon Energy | 2021202096 | Tecnored Desenvolvimento Tecnológico S.A.  |
| 2019422629 | Zhejiang Doer Biologics Corporation  | 2021202217 | Auckland UniServices Limited   |
| 2019427993 | Soochow University   | 2021202444 | Dexcom, Inc.   |
| 2019429807 | Carl Zeiss Spectroscopy GmbH   | 2021202488 | LG Electronics Inc.  |
| 2019432912 | Google LLC   | 2021202645 | Toyota Boshoku Kabushiki Kaisha  |
| 2019436089 | Shandong Huate Magnet Technology Co., Ltd  | 2021203133 | Snap-on Incorporated   |
| 2019437315 | Novel Pharma Inc.  | 2021203764 | NuVasive, Inc.   |
| 2019456623 | Becton, Dickinson and Company  | 2021203939 | Unger, E.C.  |
| 2020200515 | Koninklijke Nederlandse Akademie van Wetenschappen   | 2021204209 | ChemoCentryx, Inc.   |
| 2020201601 | Fisher & Paykel Healthcare Limited   | 2021204373 | Weber, P.  |
| 2020201845 | Shanghai Ocean University  | 2021204444 | Cartiva, Inc.  |
| 2020202428 | X-Body, Inc.   | 2021204447 | Telefonaktiebolaget LM Ericsson (publ)   |
| 2020203279 | CLONDIAG GMBH  | 2021204802 | McIntosh, J.   |
| 2020204763 | Haier Smart Home Co., Ltd.   | 2021204997 | Shenzhen Carku Technology Co., Limited   |
| 2020207856 | Xenex Disinfection Services LLC  | 2021205093 | iprotex GmbH & Co. KG  |
| 2020208171 | Boston Scientific Scimed, Inc.   | 2021206877 | Heraeus Medical GmbH   |
| 2020209601 | Nubiz Plastic (Nantong) Co., Ltd   | 2021213717 | Apple Inc.   |
| 2020213294 | Immatics Biotechnologies GmbH  | 2021215107 | Acer Incorporated  |
| 2020213367 | The Regents of the University of California; University College Dublin                         | 2021217099 | Airbus Defence and Space Limited   |
| 2020213462 | Changsha Magill Medical Technology Co., Ltd  | 2021225158 | KIVU CONSULTING, INC.  |
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| 2020217401 | DEKA Products Limited Partnership  | 2021225248 | Dexin Corporation  |
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| 2020217707 | Netflix, Inc.  | 2021227683 | Amplifica, Inc.  |
| 2020226741 | One Home Brands, Inc.  | 2021229201 | CHANG, Y.  |
| 2020227033 | Boehringer Ingelheim Vetmedica GmbH  | 2021230953 | Kureha Corporation   |
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| <b>2022200856</b> | Enviroplaz International Holdings Limited |
| <b>2022203349</b> | Fortinbras Results Pty Ltd                |
| <b>2022204142</b> | StraxCorp Pty. Ltd                        |
| <b>2022206777</b> | Remediation Products, Inc.                |
| <b>2022211897</b> | SKRIN PTY LTD                             |
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| 2017300767               | 2017317584                             | 2019316629   | <b><u>A61B 5 /-</u></b>  |  | 2016427261<br>2017211684<br>2017232266               |
| <b><u>A01B 49 /-</u></b> | <b><u>A01M 7 /-</u></b>                | <b><u>A46B 17 /-</u></b>                             | 2019314012<br>2020265463   | <b><u>A61K 33 /-</u></b>   | 2017329964<br>2017335722<br>2017346936               |
| 2017300767               | 2017300767                             | 2019316629   | 2020394610<br>2021202444<br>2021203764                             | 2017232266   | 2018266262<br>2019254726<br>2020217412               |
| <b><u>A01B 61 /-</u></b> | <b><u>A01N 35 /-</u></b>               | <b><u>A47B 9 /-</u></b>                              | <b><u>A61B 50 /-</u></b>   | 2015373051<br>2019243093<br>2019422629   | 2020281015<br>2020281095<br>2021203939               |
| 2017300767               | 2021201101                             | 2017285460   | 2018279708   | <b><u>A61K 35 /-</u></b>   |  |
| <b><u>A01B 63 /-</u></b> | <b><u>A01N 37 /-</u></b>               | <b><u>A47C 31 /-</u></b>                             | <b><u>A61B 6 /-</u></b>  | 2016344508<br>2018285857<br>2018395121   | <b><u>A61L 2 /-</u></b>                              |
| 2017300767               | 2020277100<br>2021201101               | 2017345353   | 2022204142   | 2019254726<br>2019289110<br>2020213294   | 2016377252<br>2020207856<br>2020230250               |
| <b><u>A01B 79 /-</u></b> | <b><u>A01N 43 /-</u></b>               | <b><u>A47C 7 /-</u></b>                              | <b><u>A61B 90 /-</u></b>   | 2020217412<br>2021227683   | <b><u>A61L 27 /-</u></b>                             |
| 2021250880               | 2021201101<br>2021230953               | 2017203915   | 2017254659<br>2017359301   | <b><u>A61K 38 /-</u></b>   | 2016364627<br>2021204444                             |
| <b><u>A01C 15 /-</u></b> | <b><u>A01N 47 /-</u></b>               | <b><u>A47D 13 /-</u></b>                             | <b><u>A61F 11 /-</u></b>   | 2016276981<br>2016301969<br>2016304597   | <b><u>A61L 9 /-</u></b>                              |
| 2017300767               | 2021230953                             | 2017230897   | 2019201346   | 2017346936<br>2018285857<br>2019422629   | 2020230250   |
| <b><u>A01C 21 /-</u></b> | <b><u>A01P 1 /-</u></b>                | <b><u>A47J 27 /-</u></b>                             | <b><u>A61F 13 /-</u></b>   | 2020250249<br>2021203939   | <b><u>A61M 11 /-</u></b>                             |
| 2017300767<br>2021250880 | 2021230953                             | 2017201274   | 2018208515   | 2021203939   | 2018364931   |
| <b><u>A01C 23 /-</u></b> | <b><u>A01P 19 /-</u></b>               | <b><u>A47J 36 /-</u></b>                             | <b><u>A61F 2 /-</u></b>  | <b><u>A61K 45 /-</u></b>   | <b><u>A61M 15 /-</u></b>                             |
| 2017300767<br>2021250880 | 2021201101                             | 2017201274   | 2017254659<br>2020208171<br>2020244484<br>2021204444<br>2021206877 | 2021227683   | 2017325107   |
| <b><u>A01C 5 /-</u></b>  | <b><u>A01P 3 /-</u></b>                | <b><u>A47L 11 /-</u></b>                             | <b><u>A61F 5 /-</u></b>  | <b><u>A61K 47 /-</u></b>   | <b><u>A61M 16 /-</u></b>                             |
| 2017300767               | 2021230953                             | 2019316629   | 2020394610   | 2016427261<br>2017232266<br>2017329964   | 2020201601<br>2020213462<br>2020267173<br>2020394610 |
| <b><u>A01C 7 /-</u></b>  | <b><u>A23B 4 /-</u></b>                | <b><u>A47L 15 /-</u></b>                             | <b><u>A61F 9 /-</u></b>  | 2017335722<br>2017346936<br>2018266262<br>2019254726   | <b><u>A61M 25 /-</u></b>                             |
| 2017300767<br>2021250880 | 2020201845                             | 2017291699<br>2021202488                             | 2020289827   | 2019289110<br>2019422629<br>2019437315<br>2020217412<br>2021227683                             | 2018279708   |
| <b><u>A01G 15 /-</u></b> | <b><u>A23C 9 /-</u></b>                | <b><u>A47L 5 /-</u></b>                              | <b><u>A61J 1 /-</u></b>  | <b><u>A61K 31 /-</u></b>   | <b><u>A61M 27 /-</u></b>                             |
| 2019243093               | 2019243093                             | 2019316629   | 2020227033   | 2016335767<br>2016427261<br>2017216429<br>2017238051<br>2017329964<br>2017335722<br>2017346936 | 2018279708<br>2018364931                             |
| <b><u>A01G 17 /-</u></b> | <b><u>A23L 3 /-</u></b>                | <b><u>A47L 9 /-</u></b>                              | <b><u>A61K 48 /-</u></b>   | 2018266262<br>2019254726<br>2019289110<br>2019422629   | <b><u>A61M 3 /-</u></b>                              |
| 2017201558               | 2019419626<br>2020201845<br>2020207856 | 2021202645   | 2016336452<br>2016344508<br>2018395121<br>2019269066               | 2019437315<br>2020217412<br>2021227683   | 2018364931   |
| <b><u>A01G 17 /-</u></b> | <b><u>A23L 33 /-</u></b>               | <b><u>A61B 1 /-</u></b>                              | <b><u>A61K 49 /-</u></b>   |  | <b><u>A61M 37 /-</u></b>                             |
| 2021200413               | 2021230953                             | 2017326757<br>2020213462                             | 2018210157   |  | 2019322890   |
| <b><u>A01G 25 /-</u></b> | <b><u>A24F 47 /-</u></b>               | <b><u>A61B 17 /-</u></b>                             |  |  | <b><u>A61M 39 /-</u></b>                             |
| 2017300767               | 2017243763<br>2019295380               | 2017326757<br>2020213462                             |  |  | 2019456623   |
| <b><u>A01G 29 /-</u></b> | <b><u>A45C 11 /-</u></b>               | <b><u>A61B 18 /-</u></b>                             |  |  |  |
| 2017300767               | 2019243093<br>2020239805               | 2017372464<br>2018279708<br>2020256210<br>2021204373 |  |  |  |
| <b><u>A01H 5 /-</u></b>  | <b><u>A45D 20 /-</u></b>               | <b><u>A61B 3 /-</u></b>                              |  |  |  |
| 2017202872               | 2017269058                             | 2019375771<br>2021204373                             |  |  |  |
| <b><u>A01K 67 /-</u></b> |  |  |  |  |  |
| 2016374909               | 2021204997                             |  |  |  |  |

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|                          |                          |                           |                          |                          |                          |
|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| <b><u>A61M 5 /-</u></b>  | <b><u>A61P 37 /-</u></b> | 2017365739                | <b><u>B09B 3 /-</u></b>  | 2021205093               | <b><u>B64B 1 /-</u></b>  |
| 2018279708               | 2020407645               | <b><u>B01J 19 /-</u></b>  | 2022200856               | <b><u>B29C 70 /-</u></b> | 2017353865               |
| 2020217401               |                          | 2016377252                | 2022206777               | 2017353865               | <b><u>B64C 3 /-</u></b>  |
| 2020227208               | <b><u>A61P 43 /-</u></b> | 2017365739                | <b><u>B22F 3 /-</u></b>  |                          |                          |
| 2021200517               | 2019243093               | 2020203279                | 2017294024               | <b><u>B32B 15 /-</u></b> | 2017353865               |
| <b><u>A61N 1 /-</u></b>  | <b><u>A61P 5 /-</u></b>  | <b><u>B01J 23 /-</u></b>  | <b><u>B23K 10 /-</u></b> | 2021229201               | <b><u>B64D 45 /-</u></b> |
| 2017261628               | 2019437315               | 2016364627                | 2017294024               | <b><u>B32B 27 /-</u></b> | 2019363932               |
| 2019375771               |                          | <b><u>B01J 8 /-</u></b>   | <b><u>B23K 15 /-</u></b> | 2021229201               | <b><u>B64F 1 /-</u></b>  |
| 2020217387               | <b><u>A61P 9 /-</u></b>  | 2019303970                | 2017294024               | <b><u>B32B 3 /-</u></b>  | 2017294130               |
| 2021203764               | 2021353055               | <b><u>B01L 3 /-</u></b>   | <b><u>B23K 20 /-</u></b> | 2017344759               | 2019363932               |
| <b><u>A61P 1 /-</u></b>  | <b><u>A61Q 11 /-</u></b> | 2020203279                | 2019311999               | 2017353865               | <b><u>B65D 47 /-</u></b> |
| 2017216429               | 2019414236               | <b><u>B02C 19 /-</u></b>  | <b><u>B23K 26 /-</u></b> | <b><u>B32B 5 /-</u></b>  | 2020209601               |
| 2018290905               |                          | 2016411989                | 2017294024               | 2017353865               | <b><u>B65D 75 /-</u></b> |
| 2020250249               | <b><u>A61Q 19 /-</u></b> | <b><u>B02C 25 /-</u></b>  | <b><u>B23K 9 /-</u></b>  | <b><u>B32B 7 /-</u></b>  | 2018279708               |
| <b><u>A61P 11 /-</u></b> | 2020414832               | 2016411989                | 2017294024               | 2021229201               | <b><u>B65D 83 /-</u></b> |
| 2020213367               | <b><u>A62B 7 /-</u></b>  | <b><u>B03B 5 /-</u></b>   | 2017294024               | <b><u>B32B 9 /-</u></b>  | 2017269058               |
| <b><u>A61P 13 /-</u></b> | 2020267173               | 2019436089                | <b><u>B24B 45 /-</u></b> | 2021229201               | 2020209601               |
| 2019437315               | <b><u>A63B 37 /-</u></b> | <b><u>B03B 7 /-</u></b>   | 2017314989               | <b><u>B60G 11 /-</u></b> | <b><u>B65D 88 /-</u></b> |
| <b><u>A61P 15 /-</u></b> | 2017265120               | <b><u>B03C 1 /-</u></b>   | <b><u>B25B 5 /-</u></b>  | 2021204802               | 2022203349               |
| 2019437315               | <b><u>A63B 65 /-</u></b> | 2019436089                | 2020256385               | <b><u>B60H 1 /-</u></b>  | <b><u>B65D 90 /-</u></b> |
| <b><u>A61P 17 /-</u></b> | 2017373667               | <b><u>B03D 1 /-</u></b>   | <b><u>B25F 5 /-</u></b>  | 2020342532               | 2019281911               |
| 2021227683               | <b><u>A63B 69 /-</u></b> | 2019436089                | 2021203133               | <b><u>B60K 15 /-</u></b> | 2022203349               |
| <b><u>A61P 25 /-</u></b> | 2017373667               | <b><u>B03D 103 /-</u></b> | <b><u>B26D 1 /-</u></b>  | 2017329247               | 2022211897               |
| 2019254726               | <b><u>A63F 13 /-</u></b> | 2017235950                | 2021232665               | <b><u>B60P 1 /-</u></b>  | <b><u>B65G 1 /-</u></b>  |
| 2021353055               | 2021225248               | <b><u>B04B 1 /-</u></b>   | <b><u>B26D 7 /-</u></b>  | 2019281676               | 2019281676               |
| <b><u>A61P 27 /-</u></b> | <b><u>B01D 29 /-</u></b> | 2017235950                | 2021232665               | <b><u>B60P 7 /-</u></b>  | 2017294130               |
| 2018266262               | 2020250301               | <b><u>B04B 11 /-</u></b>  | <b><u>B27B 5 /-</u></b>  | 2022211897               | <b><u>B65G 21 /-</u></b> |
| <b><u>A61P 29 /-</u></b> | <b><u>B01D 33 /-</u></b> | 2019398290                | 2017314989               | <b><u>B60R 25 /-</u></b> | 2017294130               |
| 2020407645               | 2017343845               | <b><u>B04B 11 /-</u></b>  | <b><u>B29B 11 /-</u></b> | 2021213717               | <b><u>B65G 67 /-</u></b> |
| <b><u>A61P 3 /-</u></b>  | <b><u>B01D 35 /-</u></b> | 2019398290                | 2016403142               | <b><u>B60T 17 /-</u></b> | 2017294130               |
| 2019243093               | 2020250301               | <b><u>B04B 7 /-</u></b>   | <b><u>B29B 17 /-</u></b> | 2019210506               | <b><u>B67D 7 /-</u></b>  |
| 2019289110               | <b><u>B01D 46 /-</u></b> | 2019398290                | 2016403142               | <b><u>B61D 45 /-</u></b> | 2017329247               |
| 2020217412               | 2021202645               | <b><u>B05B 1 /-</u></b>   | 2022200856               | 2022203349               | <b><u>B81B 1 /-</u></b>  |
| 2020407645               | <b><u>B01D 53 /-</u></b> | 2018364931                | <b><u>B29B 9 /-</u></b>  | <b><u>B62D 25 /-</u></b> | 2018359015               |
| 2021353055               | 2019420166               | <b><u>B06B 1 /-</u></b>   | 2022200856               | 2019330457               | <b><u>C02F 1 /-</u></b>  |
| <b><u>A61P 31 /-</u></b> | <b><u>B01D 61 /-</u></b> | 2018204861                | <b><u>B29C 33 /-</u></b> | <b><u>B63B 35 /-</u></b> | 2016377252               |
| 2020407645               | 2018338433               | <b><u>B07B 1 /-</u></b>   | 2021206877               | 2017276798               | 2018351746               |
| <b><u>A61P 33 /-</u></b> | 2019388376               | 2017343845                | <b><u>B29C 39 /-</u></b> | <b><u>B63H 25 /-</u></b> | <b><u>C02F 11 /-</u></b> |
| 2019345216               | <b><u>B01D 63 /-</u></b> | <b><u>B07B 13 /-</u></b>  | 2021206877               | 2020266969               | 2022206777               |
| 2019355831               | 2019388376               | 2017343845                | <b><u>B29C 61 /-</u></b> |                          | <b><u>C02F 3 /-</u></b>  |
| <b><u>A61P 35 /-</u></b> | <b><u>B01D 9 /-</u></b>  | 2017343845                |                          |                          | 2022206777               |
| 2016304597               |                          |                           |                          |                          |                          |
| 2017346936               |                          |                           |                          |                          |                          |
| 2019422629               |                          |                           |                          |                          |                          |
| 2019437315               |                          |                           |                          |                          |                          |
| 2020213294               |                          |                           |                          |                          |                          |
| 2021203939               |                          |                           |                          |                          |                          |

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|--------------------|--------------------|--------------------|-------------------|-------------------|--------------------|
| <b>C04B 18 /-</b>  | <b>C07D 403 /-</b> | <b>C08K 5 /-</b>   | 2018286919        | <b>C40B 20 /-</b> | <b>F02M 35 /-</b>  |
| 2017381405         | 2021230953         | 2017376812         | 2018321021        | 2016253004        | 2021202645         |
| 2022200856         | <b>C07H 1 /-</b>   | <b>C08L 23 /-</b>  | 2018359015        | <b>D06F 39 /-</b> | <b>F03D 7 /-</b>   |
| <b>C04B 20 /-</b>  | 2020327339         | 2019400562         | 2018364993        | 2017291699        | 2020342532         |
| 2022200856         | 2020414832         | <b>C08L 5 /-</b>   | 2018395121        | <b>E01C 11 /-</b> | <b>F03D 9 /-</b>   |
| <b>C04B 22 /-</b>  | <b>C07H 15 /-</b>  | 2016364627         | 2019269066        | 2017344759        | 2020342532         |
| 2017381405         | 2020414832         | <b>C09D 133 /-</b> | 2019422629        | <b>E01C 13 /-</b> | <b>F04D 29 /-</b>  |
| <b>C04B 26 /-</b>  | <b>C07H 3 /-</b>   | 2016433599         | 2020200515        | 2017344759        | 2018453648         |
| 2017375406         | 2020239805         | <b>C09J 163 /-</b> | <b>C12N 5 /-</b>  | <b>E02D 27 /-</b> | <b>F16B 2 /-</b>   |
| <b>C04B 28 /-</b>  | <b>C07K 1 /-</b>   | 2017375406         | 2015373051        | 2017293303        | 2019326846         |
| 2017381405         | 2018268305         | <b>C09K 8 /-</b>   | 2016374909        | <b>E02F 9 /-</b>  | 2020256385         |
| <b>C04B 35 /-</b>  | <b>C07K 14 /-</b>  | 2018269421         | 2017282638        | 2019258167        | <b>F16B 7 /-</b>   |
| 2017381405         | 2016344508         | <b>C10B 47 /-</b>  | 2019422629        | <b>E04F 13 /-</b> | 2017285460         |
| <b>C07B 59 /-</b>  | 2018210157         | 2017371717         | 2020200515        | 2017317584        | <b>F16D 23 /-</b>  |
| 2018290905         | 2018285857         | <b>C10B 53 /-</b>  | <b>C12N 9 /-</b>  | <b>E04F 15 /-</b> | 2019326846         |
| <b>C07C 27 /-</b>  | 2018286919         | 2017371717         | 2018268305        | 2017344759        | <b>F16D 55 /-</b>  |
| 2018290905         | 2018321021         | <b>C10B 7 /-</b>   | 2018286919        | <b>E04H 17 /-</b> | 2016377859         |
| <b>C07C 29 /-</b>  | 2018395121         | 2017371717         | 2018364993        | 2021200413        | <b>F16D 65 /-</b>  |
| 2019303970         | 2021200783         | <b>C10G 1 /-</b>   | <b>C12P 17 /-</b> | <b>E04H 4 /-</b>  | 2016377859         |
| <b>C07C 39 /-</b>  | <b>C07K 16 /-</b>  | 2017371717         | 2018207955        | 2017285460        | <b>F16K 31 /-</b>  |
| 2019345216         | 2016276981         | <b>C10H 1 /-</b>   | <b>C12P 19 /-</b> | 2018351746        | 2017329247         |
| <b>C07C 45 /-</b>  | 2016292980         | 2020233795         | 2020327339        | <b>E05B 83 /-</b> | 2018297275         |
| 2019303970         | 2016301969         | <b>C10I 1 /-</b>   | <b>C12P 21 /-</b> | 2019330457        | <b>F24F 1 /-</b>   |
| <b>C07C 309 /-</b> | 2018285857         | 2020226741         | 2016260306        | <b>E06B 9 /-</b>  | 2017201114         |
| 2019345216         | 2019422629         | <b>C10J 1 /-</b>   | 2018286919        | 2018200862        | <b>F24F 11 /-</b>  |
| <b>C07C 45 /-</b>  | 2020230299         | 2020226741         | <b>C12P 7 /-</b>  | <b>E21B 33 /-</b> | 2019337129         |
| 2019303970         | 2020250249         | <b>C10K 1 /-</b>   | 2018207955        | 2017293303        | <b>F24F 110 /-</b> |
| <b>C07C 65 /-</b>  | <b>C07K 17 /-</b>  | 2020226741         | <b>C12Q 1 /-</b>  | <b>E21B 34 /-</b> | 2019337129         |
| 2018266262         | 2016260306         | <b>C10L 1 /-</b>   | 2016253004        | 2017209219        | <b>F24F 120 /-</b> |
| <b>C07D 211 /-</b> | <b>C07K 19 /-</b>  | 2020226741         | 2016270625        | <b>E21D 11 /-</b> | 2019337129         |
| 2021353055         | 2019422629         | <b>C10M 1 /-</b>   | 2016349950        | 2017307641        | <b>F25D 11 /-</b>  |
| <b>C07D 233 /-</b> | <b>C07K 7 /-</b>   | 2020226741         | 2016374909        | <b>E21D 21 /-</b> | 2020267293         |
| 2021230953         | 2020213294         | <b>C10N 1 /-</b>   | 2020202428        | 2017296198        | <b>F25D 23 /-</b>  |
| <b>C07D 235 /-</b> | <b>C08F 2 /-</b>   | 2020226741         | 2020203279        | <b>E21D 5 /-</b>  | 2019419626         |
| 2018290905         | 2016433599         | <b>C10N 3 /-</b>   | 2020285657        | 2017307641        | 2020267293         |
| <b>C07D 239 /-</b> | 2019427993         | 2021202096         | 2021200461        | <b>F02B 37 /-</b> | <b>F25D 29 /-</b>  |
| 2018290905         | <b>C08F 220 /-</b> | <b>C10N 5 /-</b>   | <b>C21B 11 /-</b> | 2019383763        | 2016287354         |
| <b>C07D 249 /-</b> | 2016433599         | 2018359015         | 2021202096        | <b>F02D 23 /-</b> |                    |
| 2019345216         | <b>C08G 59 /-</b>  | <b>C12M 1 /-</b>   | <b>C21B 13 /-</b> |                   |                    |
| <b>C07D 241 /-</b> | 2017375405         | 2018268305         | 2021202096        |                   |                    |
| 2021230953         | 2017375406         | 2019243093         | <b>C21D 9 /-</b>  |                   |                    |
| <b>C07D 401 /-</b> | <b>C08J 3 /-</b>   | 2022206777         | 2017296198        |                   |                    |
| 2020407645         | 2016364627         | <b>C12N 13 /-</b>  | <b>C22B 1 /-</b>  |                   |                    |
| 2021230953         | 2017376812         | 2018359015         | <b>C22B 23 /-</b> |                   |                    |
|                    | <b>C08K 13 /-</b>  | <b>C12N 15 /-</b>  | 2017235950        |                   |                    |
|                    | 2017376812         | 2016336452         | <b>C22B 26 /-</b> |                   |                    |
|                    |                    | 2016344508         | 2017235950        |                   |                    |

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|                          |  |  |  |                          |  |
|--------------------------|--|--|--|--------------------------|--|
| <b><u>F27B 1 /-</u></b>  | 2016260306<br>2016349950<br>2019346535<br>2020202428<br>2020230299 | 2019210506   | 2017290263<br>2021213717                             | 2018222793               | <b><u>H04H 60 /-</u></b>                             |
| 2021202096               |  | <b><u>G06F 15 /-</u></b>   |  | <b><u>H01H 13 /-</u></b> | 2021200868   |
| <b><u>F28D 7 /-</u></b>  |  | 2020279052   | <b><u>G06Q 30 /-</u></b>                             | 2018274878               | <b><u>H04L 1 /-</u></b>                              |
| 2017245328               | <b><u>G01N 35 /-</u></b>   | <b><u>G06F 16 /-</u></b>   | 2017252625<br>2018411565                             | <b><u>H01H 19 /-</u></b> | 2019363932<br>2021217099                             |
| <b><u>F28F 1 /-</u></b>  | 2017372058   | 2017314759<br>2020279052<br>2020427921<br>2021232730   | <b><u>G06Q 50 /-</u></b>                             | 2019236615               | <b><u>H04L 25 /-</u></b>                             |
| 2017245328               | <b><u>G01R 33 /-</u></b>   |  | 2017314759<br>2017404207<br>2019281676<br>2020261022 | <b><u>H01L 31 /-</u></b> | 2021204447   |
| <b><u>F41A 23 /-</u></b> | 2022204142   | <b><u>G06F 17 /-</u></b>   |  | 2018315806<br>2021229201 | <b><u>H04L 27 /-</u></b>                             |
| 2019281911               | <b><u>G01S 17 /-</u></b>   | 2017382907<br>2018411565   | <b><u>G06T 1 /-</u></b>                              | <b><u>H01Q 1 /-</u></b>  | 2019382040   |
| <b><u>F41H 7 /-</u></b>  | 2020267293   |  | 2019374742   | 2017317584               | <b><u>H04L 43 /-</u></b>                             |
| 2019281911               | <b><u>G01S 7 /-</u></b>  | <b><u>G06F 21 /-</u></b>   | <b><u>G06T 11 /-</u></b>                             | <b><u>H01R 12 /-</u></b> | 2017360114   |
| <b><u>F42B 12 /-</u></b> | 2021225219   | 2017372477<br>2017404207<br>2018301781<br>2019334284<br>2019374742<br>2020279052<br>2021225158 | 2022204142   | 2020285522               | <b><u>H04L 5 /-</u></b>                              |
| 2017361986               | <b><u>G01W 1 /-</u></b>  |  | <b><u>G06T 5 /-</u></b>                              | <b><u>H01R 9 /-</u></b>  | 2018341370<br>2021204447                             |
| <b><u>F42B 27 /-</u></b> | 2017201558   |  | 2019374742<br>2021200936                             | 2020239755               | <b><u>H04L 51 /-</u></b>                             |
| 2017361986               | <b><u>G02B 23 /-</u></b>   | <b><u>G06F 3 /-</u></b>  | <b><u>G06T 7 /-</u></b>                              | <b><u>H02G 15 /-</u></b> | 2022215297   |
| <b><u>G01B 9 /-</u></b>  | 2021231943   | 2018278777<br>2021202444<br>2021213717<br>2021240284<br>202220279                              | 2021202217   | 2021205093               | <b><u>H04L 65 /-</u></b>                             |
| 2017357045               | <b><u>G02B 27 /-</u></b>   |  | <b><u>G06V 10 /-</u></b>                             | <b><u>H02J 50 /-</u></b> | 2020391339   |
| <b><u>G01D 11 /-</u></b> | 2020250245   |  | 2022204142   | 2018248654<br>2018297275 | <b><u>H04L 67 /-</u></b>                             |
| 2019346535               | <b><u>G02B 5 /-</u></b>  | <b><u>G06F 7 /-</u></b>  | <b><u>G07C 9 /-</u></b>                              | <b><u>H02J 7 /-</u></b>  | 2021213717   |
| <b><u>G01D 21 /-</u></b> | 2020250245   | 2017382907   | 2019358373<br>2020253306                             | 2018248654<br>2018297275 | <b><u>H04L 9 /-</u></b>                              |
| 2019210506               | <b><u>G02B 7 /-</u></b>  | <b><u>G06K 7 /-</u></b>  | <b><u>G08G 5 /-</u></b>                              | <b><u>H02K 1 /-</u></b>  | 2017404207<br>2020279052                             |
| <b><u>G01D 9 /-</u></b>  | 2021231943   | 2017220064   | 2019363932   | 2017354953               | <b><u>H04M 1 /-</u></b>                              |
| 2019210506               | <b><u>G02C 7 /-</u></b>  | <b><u>G06K 9 /-</u></b>  | <b><u>G10K 9 /-</u></b>                              | <b><u>H02K 16 /-</u></b> | 2020253306<br>2021213717<br>2022215297               |
| <b><u>G01J 1 /-</u></b>  | 2017340775<br>2020304216   | 2018207032<br>2019368520<br>2019384731   | 2018204861   | 2017354953               | <b><u>H04N 1 /-</u></b>                              |
| 2019429807               | <b><u>G04C 17 /-</u></b>   | <b><u>G06N 10 /-</u></b>   | <b><u>G10L 15 /-</u></b>                             | <b><u>H02K 5 /-</u></b>  | <b><u>H04N 19 /-</u></b>                             |
| <b><u>G01J 3 /-</u></b>  | 2022220279   | 2018442815   | 2019432912   | 2018200862               | 2022215297   |
| 2017372058<br>2019429807 | <b><u>G05B 19 /-</u></b>   | <b><u>G06N 20 /-</u></b>   | <b><u>G11B 27 /-</u></b>                             | <b><u>H02N 3 /-</u></b>  | 2018315106<br>2019275553<br>2019297829<br>2020217707 |
| <b><u>G01K 7 /-</u></b>  | 2019334284   | 2018301781<br>2022204142   | 2022215297   | 2018231729               |  |
| 2020289866               | <b><u>G05B 23 /-</u></b>   | <b><u>G06N 3 /-</u></b>  | <b><u>G16H 30 /-</u></b>                             | <b><u>H02S 20 /-</u></b> |  |
| <b><u>G01L 7 /-</u></b>  | 2019384731   | 2019374742<br>2019384731<br>2021202217   | 2022204142   | 2018315806<br>2021229201 | <b><u>H04N 21 /-</u></b>                             |
| 2019210506               | <b><u>G05D 1 /-</u></b>  |  | <b><u>G16H 50 /-</u></b>                             | <b><u>H02S 40 /-</u></b> | 2018337956<br>2020217707<br>2021200868               |
| <b><u>G01N 1 /-</u></b>  | 2019281676<br>2020230250<br>2020266969                             | <b><u>G06Q 10 /-</u></b>   | <b><u>G21B 1 /-</u></b>                              | 2018315806               |  |
| 2017372058               | <b><u>G05D 23 /-</u></b>   | 2015414792<br>2017220064<br>2017252625<br>2019281676<br>2020261022                             | 2017362979   | 2021227529               | <b><u>H04N 5 /-</u></b>                              |
| <b><u>G01N 21 /-</u></b> | 2021231943   | <b><u>G06F 1 /-</u></b>  | <b><u>G21D 7 /-</u></b>                              | <b><u>H04B 7 /-</u></b>  | 2021200936<br>2022215297                             |
| 2017372058<br>2019429807 | <b><u>G06F 11 /-</u></b>   |  | 2017362979   | 2021204447<br>2021217099 | <b><u>H04N 7 /-</u></b>                              |
| <b><u>G01N 27 /-</u></b> | 2018248654<br>2020253306   | <b><u>G06Q 20 /-</u></b>   | <b><u>H01F 27 /-</u></b>                             |                          | 2021200868   |
| 2019346535               |  |  |  |                          |  |
| <b><u>G01N 33 /-</u></b> |  |  |  |                          |  |



Applications Accepted - IPC Index cont'd

**H04R 1 /-** 2018202601

2018204861 **H05K 5 /-**

**H04R 25 /-** 2018202601

2019201346

**H04W 12 /-**

2021213717

**H04W 28 /-**

2019386646

2021215107

**H04W 36 /-**

2017418048

**H04W 4 /-**

2017440250

2020253306

2020391339

2021213717

2021215107

**H04W 52 /-**

2020253306

**H04W 72 /-**

2017417809

2018341370

**H04W 74 /-**

2017417809

**H04W 76 /-**

2020391339

2021215107

**H04W 80 /-**

2018291354

**H04W 84 /-**

2020253306

**H04W 88 /-**

2020253306

2021227529

**H05B 6 /-**

2019419132

2019419626

2020204763

**H05H 1 /-**

2017362979

**H05K 1 /-**

2018202601

**H05K 3 /-**

**Patents Granted**

**Standard Patents**

|            |            |            |            |
|------------|------------|------------|------------|
| 2015258283 | 2015413335 | 2016216678 | 2016235208 |
| 2016265457 | 2016267393 | 2016268526 | 2016270793 |
| 2016277887 | 2016278242 | 2016289682 | 2016308724 |
| 2016309954 | 2016310494 | 2016333155 | 2016335070 |
| 2016342268 | 2016349439 | 2016358051 | 2016362218 |
| 2016362424 | 2016362825 | 2016364626 | 2016373451 |
| 2016373576 | 2016375866 | 2016385128 | 2017200554 |
| 2017200739 | 2017201434 | 2017204001 | 2017226876 |
| 2017227087 | 2017230123 | 2017230727 | 2017233234 |
| 2017235845 | 2017245370 | 2017247035 | 2017249418 |
| 2017251256 | 2017253492 | 2017260255 | 2017262701 |
| 2017266836 | 2017269322 | 2017274420 | 2017275897 |
| 2017276777 | 2017278133 | 2017279528 | 2017280352 |
| 2017285884 | 2017286831 | 2017288641 | 2017288932 |
| 2017295000 | 2017295071 | 2017299775 | 2017304764 |
| 2017307401 | 2017311575 | 2017320858 | 2017329457 |
| 2017348288 | 2017353454 | 2017360025 | 2017365083 |
| 2017368708 | 2017369762 | 2017370720 | 2017382163 |
| 2017382202 | 2017396514 | 2017401564 | 2017408643 |
| 2017440765 | 2018200486 | 2018200534 | 2018200879 |
| 2018201650 | 2018203033 | 2018203468 | 2018203766 |
| 2018214491 | 2018215307 | 2018216827 | 2018224009 |
| 2018224036 | 2018238226 | 2018244162 | 2018265772 |
| 2018289986 | 2018301292 | 2018301401 | 2018306609 |
| 2018307880 | 2018330126 | 2018330128 | 2018334515 |
| 2018338768 | 2018371010 | 2018381974 | 2018427606 |
| 2018444521 | 2018444979 | 2018448166 | 2018449735 |
| 2019204129 | 2019207534 | 2019207760 | 2019228266 |
| 2019241462 | 2019249849 | 2019250928 | 2019259793 |
| 2019267190 | 2019268578 | 2019270066 | 2019274107 |
| 2019276071 | 2019277415 | 2019280076 | 2019280394 |
| 2019283878 | 2019300119 | 2019307911 | 2019310992 |
| 2019313136 | 2019314013 | 2019323366 | 2019331368 |
| 2019338402 | 2019340569 | 2019343251 | 2019352059 |
| 2019352596 | 2019355930 | 2019357686 | 2019371560 |
| 2019376649 | 2019384229 | 2019394726 | 2019418812 |
| 2019435643 | 2019456662 | 2020200162 | 2020200588 |
| 2020202738 | 2020203251 | 2020207851 | 2020207853 |
| 2020213322 | 2020213385 | 2020217354 | 2020221273 |
| 2020222080 | 2020223663 | 2020230261 | 2020239749 |
| 2020250243 | 2020256337 | 2020257043 | 2020267162 |
| 2020273352 | 2020273358 | 2020279102 | 2020281066 |
| 2020286162 | 2020286168 | 2020286194 | 2020289828 |
| 2020338470 | 2020342592 | 2020371558 | 2020396537 |
| 2021200416 | 2021200509 | 2021200962 | 2021201821 |
| 2021202036 | 2021202213 | 2021202338 | 2021202479 |
| 2021202697 | 2021203669 | 2021203737 | 2021203903 |
| 2021245199 | 2021286452 | 2021356733 | 2022202376 |

**Innovation Patents**

|            |            |            |            |
|------------|------------|------------|------------|
| 2019101831 | 2019101832 | 2019101833 | 2022100123 |
| 2022100125 | 2022100126 | 2022100127 | 2022100129 |

**Offer to Surrender**

It is hereby notified that **MARICI Holdings The Netherlands B.V. George Hintzenweg 81 , 3068AX Rotterdam** , the Patentee of Patent 2017206161 dated 12.05.2022 for an invention titled ' An arc fault detection arrangement for a DC electric bus' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2002343113 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

**Assignments Registered**

2003205969 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2003245721 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2004278891 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2006200534 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2006202388 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2007203560 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2007252124 Hefei Genius Advanced Material Co., Ltd The patent has been assigned to **Wuhu Weiqiu New Material Technology Co., Ltd**

2008202596 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2008212077 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010202429 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010202942 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010224419 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010224424 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010224425 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010224451 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2010241503 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2011200576 CAPRICORN GLOBAL GROUP PTY LTD; ELEINVEST (QLD) PTY LTD; DAZCORP PTY LTD The patent has been assigned to **Safetech IP Pty Ltd**

2011253848 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2011372348 Dinona Inc.; SNU R&DB Foundation The patent has been assigned to **SNU R&DB Foundation; Kumho HT, Inc.**

2012214107 ELEINVEST (QLD) PTY LTD; DAZCORP PTY LTD; CAPRICORN GLOBAL GROUP PTY LTD The patent has been assigned to **Safetech IP Pty Ltd**

2012287067 PCR Technology Holdings, LC The patent has been assigned to **DermaForce Holdings, LLC**

2013200061 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2013200430 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

**Assignments Registered**

2013206766 CAPRICORN GLOBAL GROUP PTY LTD; ELEINVEST (QLD) PTY LTD; DAZCORN PTY LTD The patent has been assigned to **Safetech IP Pty Ltd**

2014203446 CAPRICORN GLOBAL GROUP PTY LTD; ELEINVEST (QLD) PTY LTD; DAZCORN PTY LTD The patent has been assigned to **Safetech IP Pty Ltd**

2014378946 Shanghai Bluecross Medical Science Institute The patent has been assigned to **Suzhou Qi Biodesign biotechnology Company Limited**

2015216745 J&E Hall Limited The patent has been assigned to **Daikin Industries, Ltd.**

2015283074 Stichting Radboud Universitair Medisch Centrum The patent has been assigned to **CardiacBooster BV**

2016201778 ELEINVEST (QLD) PTY LTD; DAZCORN PTY LTD; CAPRICORN GLOBAL GROUP PTY LTD The patent has been assigned to **Safetech IP Pty Ltd**

2016208913 Shanghai Bluecross Medical Science Institute The patent has been assigned to **Suzhou Qi Biodesign biotechnology Company Limited**

2017268362 WorleyParsons Services Pty Ltd The patent has been assigned to **USA DeBusk LLC**

2017358359 DiNonA The patent has been assigned to **Kumho HT, Inc.**

2018250471 CAPRICORN GLOBAL GROUP PTY LTD; DAZCORN PTY LTD; ELEINVEST (QLD) PTY LTD The patent has been assigned to **Safetech IP Pty Ltd**

**Licences Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the licensee)

2018370381 Arepa IP Limited ( Arepa AU Pty Ltd )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2006283105 **Recordati AG**

The earliest first regulatory approval date provided by the patentee 12 May 2022

For the goods ISTURISA osilodrostat

2011205290 **Recordati AG**

The earliest first regulatory approval date provided by the patentee 12 May 2022

For the goods ISTURISA osilodrostat

2015287336 **Recordati AG**

The earliest first regulatory approval date provided by the patentee 12 May 2022

For the goods ISTURISA osilodrostat

**Applications Accepted**

The following application(s) for Extension of Term have been accepted under Section 74.

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2013355237 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Sep 2021

For the goods LEQVIO inclisiran

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**Extensions granted**

The following application(s) for Extension of Term have been granted under Section 76.

2010328391 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 05 Nov 2021

For the goods TRUSELTIQ infigratinib

Extension of Term of patent pursuant to Section 77 expires on 06 Dec 2035

2014362999 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 05 Nov 2021

For the goods TRUSELTIQ infigratinib

Extension of Term of patent pursuant to Section 77 expires on 05 Nov 2036

2015358890 **OPKO Biologics Ltd.**

The earliest first regulatory approval date provided by the patentee 30 Nov 2021

For the goods NGENLA somatrogon

Extension of Term of patent pursuant to Section 77 expires on 30 Nov 2036

**Corrigenda**

In Vol 32 , No 16 , Page(s) 2278 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name The United States of America, as represented by The Secretary, Department of Health and Human Services, Application No. 2016341983, under INID (54) correct the title to read Codon-optimized reduced-size ATP7A cDNA and uses for treatment of copper transport disorders

In Vol 34 , No 48 , Page(s) 6916 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Genome & Co, Application No. 2019267042, under INID (71) correct the applicant name to Genome and Company

In Vol 35 , No 22 , Page(s) 4809 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name VMAS Solutions Inc., Application No. 2018449648, under INID (71) correct the applicant name to VMAS Solutions Inc.

In Vol 36 , No 13 , Page(s) 1931 under the heading **Applications Accepted - Name Index** Under the name Genome & Co, Application No. 2019267042, under INID (71) correct the applicant name to Genome and Company

### Corrigenda

In Vol 36 , No 21 , Page(s) 3014 under the heading **Applications Accepted - Name Index** Under the name The United States of America, as represented by The Secretary, Department of Health and Human Services, Application No. 2016341983, under INID (54) correct the title to read Codon-optimized reduced-size ATP7A cDNA and uses for treatment of copper transport disorders

In Vol 36 , No 23 , Page(s) 3288 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name SprainGo, LLC, Application No. 2020370161, under INID (54) correct the title to read Use of pine resin for treating and preventing muscle soreness and foot & joint pain

In Vol 36 , No 29 , Page(s) 4085 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018303320.

In Vol 36 , No 36 , Page(s) 4956 under the heading **Provisional Applications Filed - Name Index** Under the name James Joyce and Associates Pty Ltd (as trustee for the Joyce Consulting Trust), Application No. 2022902482, under INID (71) correct the applicant name to James Joyce and Associates Pty Ltd

In Vol 36 , No 37 , Page(s) 5088 under the heading **Provisional Applications Filed - Name Index** Under the names Lifehouse Australia in its own right and as The Trustee for Lifehouse Australia Trust; Baker Heart and Diabetes Institute; Scheinberg, T., Application No. 2022902527, under INID (71) correct the applicant name to Lifehouse Australia

### Specifications Republished

The following specifications contained errors when advertised OPI, Accepted or Certified. They have been reissued on the date of this Journal.

2021203650 **GlaxoSmithKline Intellectual Property Development Limited**  
2021240155 **Beijing Baidu Netcom Science Technology Co., Ltd.**