



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

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

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 8 December 2022**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Enduroco Pty Ltd v Bus IP Holdings Pty Ltd [2022] APO 74***

Patent Application: 2018231941

Title: Modification of a two-wheel drive vehicle for improved ground clearance and/or traction

Patent Applicant: Bus IP Holdings Pty Ltd

Opponent: Enduroco Pty Ltd

Delegate: Greg Powell

Decision Date: 23 November 2022

Hearing Date: 29 July 2022, via Video Conference  
Further submissions filed 19 September 2022, 30 September 2022, and 13 October 2022

Catchwords: PATENTS – opposition to the grant of the patent under s 59 – regulation 5.23 – information provided by the applicant not considered – novelty – evidence does not establish a lack of novelty – inventive step – claims have an inventive step in light of evidence filed – subsection 60(3) – lack of support – claims lack support – opposition successful – opportunity to amend – parties to bear their own costs

Representation: Counsel for the applicant: Angus Lang  
Patent attorney for the applicant: Caleb Maher and Andy Mukherji of Michael Buck IP

Counsel for the opponent: Ian Horak  
Patent attorney for the opponent: Robert Finn of Davies Collison Cave Pty Ltd

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Smart Hub Pty Ltd v Decathlon* [2022] APO 75

Patent Application: 2019200673

Title: Diving mask having a built-in snorkel

Patent Applicant: Decathlon

Opponent: Smart Hub Pty Ltd

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 28 November 2022

Hearing Date: Written submissions completed 5 July 2022

Catchwords: PATENTS – section 59 – a full face snorkelling mask – grounds of clarity, support, utility, novelty, and inventive step – grace period – section 24 – regulation 5.23 – no grounds made out – opposition unsuccessful

Representation: Counsel for the opponent: D. M. Logan KC  
Patent attorney for the opponent: Wynnes Patent and Trade Mark Attorneys  
Counsel for the applicant: A. D. B. Fox SC  
Patent attorney for the applicant: Cotters Patent & Trade Mark Attorneys

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**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 8 December 2022**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***The Regents of The University of California [2022] APO 77***

Patent Application: 2020213392

Title: Enhanced cognition in the presence of distraction and/or interruption

Patent Applicant: The Regents of The University of California

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 29 November 2022

Hearing Date: 4 November 2022, by video conference

Catchwords: PATENTS – section 45 – examiner’s objection – method for enhancing cognition as a result of ageing using gaming operations and distractions – manner of manufacture – novelty – invention in substance directed to a mere scheme – alleged invention not a manner of manufacture – application refused

Representation: Patent attorneys for the applicant: Beata Khaidurova and Sylvan Browne of FB Rice

**AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 8 December 2022**

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Amadeus S.A.S. [2022] APO 76*

Patent Application: 2016200417

Title: Undo/redo of database files for modifying re-accommodation

Patent Applicant: Amadeus S.A.S.

Delegate: Dr V. Z. Kolev

Decision Date: 28 November 2022

Hearing Date: Written submissions filed on 13 December 2021

Catchwords: **PATENTS** – sections 45 and 49 – hearing with respect to examiner’s objections – manner of manufacture – inventive step – computerised reservation systems for travel-related services – re-accommodation of travel itineraries due to schedule changes – modifying previous re-accommodation – business innovation – the claimed invention is not a manner of manufacture – no patentable subject matter described in the specification – inventive step not considered – application refused

Representation: Patent attorney for the applicant: Griffith Hack

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 22 Nov 2022 .

(71) 4DMedical Limited (21) 2022903563 (22) 24.11.2022 (54) Method of Assessing Lung Health	<b>chemovar see Vojvodic, M.</b> (21) 2022903522	(71) Element 25 Limited (21) 2022903576 (22) 25.11.2022 (54) Process for the Extraction of Manganese
(71) AICLOUD Pty Ltd (21) 2022903555 (22) 23.11.2022 (54) System for predicting property value indicators	(71) Cleggett, R. (21) 2022903590 (22) 28.11.2022 (54) Apparatus for protecting a structure from fire or for extinguishing a structure on fire	(71) EYM (Ease Your Motion) Pty Ltd (21) 2022903548 (22) 23.11.2022 (54) ADJUSTABLE LIMB POSITIONING DEVICE
(71) Akunah Medical Technology Pty Ltd (21) 2022903517 (22) 21.11.2022 (54) METHOD AND SYSTEM FOR DETERMINING OPTIMAL POSITION FOR AN IMPLANT	(71) Closed Loop Medical Pty Ltd (21) 2022903532 (22) 22.11.2022 (54) Closed-loop spinal cord stimulation for movement restoration	(71) Formi Group Pty Ltd. (21) 2022903553 (22) 23.11.2022 (54) A posture alignment system
(71) AML3D Limited; Deakin University (21) 2022903594 (22) 28.11.2022 (54) Improved Alloys for Welding Wires	<b>Collis, M. see Collis, S.</b> (21) 2022903537	(71) Fresh Creations Pty Limited (21) 2022903589 (22) 27.11.2022 (54) A beverage container
(71) Amplefolk Pty Ltd (21) 2022903525 (22) 22.11.2022 (54) Adjustable Garment	(71) Collis, S.; Collis, M. (21) 2022903537 (22) 22.11.2022 (54) Device for use with a plant pot	<b>FRY, J. see BARON, B.</b> (21) 2022903513
(71) Asset Packing Machines Pty Ltd (21) 2022903593 (22) 28.11.2022 (54) Volumetric filling machines	(71) CW & JM Davenport (21) 2022903557 (22) 24.11.2022 (54) Motorised Outdoor Cantilever Umbrella	(71) Gartside, S. (21) 2022903566 (22) 24.11.2022 (54) Cutting guide for concrete slitting machine
(71) Baraja Pty Ltd (21) 2022903569 (22) 25.11.2022 (54) SPATIAL ESTIMATION SYSTEMS AND METHODS	<b>Deakin University see AML3D Limited</b> (21) 2022903594	(71) Gekkotek Pty Ltd (21) 2022903571 (22) 25.11.2022 (54) BOREHOLE INSPECTION TOOL
(71) BARON, B.; FRY, J. (21) 2022903513 (22) 21.11.2022 (54) G.E.T. replacement clamp	(71) Delta Panels Pty Ltd (21) 2022903579 (22) 25.11.2022 (54) FIRE RETARDANT COMPOSITE FOAM	(71) GME Pty Ltd (21) 2022903580 (22) 25.11.2022 (54) Mount for Antenna Radome
(71) Bioconix Pty Ltd (21) 2022903526 (22) 22.11.2022 (54) Stress offloading pillow	(71) Denis King; Rob Khamas (21) 2022903574 (22) 25.11.2022 (54) Colorectal cancer risk assessment	(71) Greening Investments Pty Ltd (21) 2022903570 (22) 25.11.2022 (54) FASTENING DEVICE AND SYSTEM
	(71) Element 25 Limited (21) 2022903573 (22) 25.11.2022 (54) Process for the Recovery of Manganese	

Provisional Applications Filed - Name Index cont'd

(71) Hardiman, A.  
(21) 2022903591 (22) 28.11.2022  
(54) A system for dispensing a beverage

(71) HORUSSENSORIUM HOLDINGS PTY LTD  
(21) 2022903535 (22) 22.11.2022  
(54) A COMPUTER IMPLEMENTED METHOD FOR MONITORING AND TRACKING SAFE TRANSPORTATION OF HAZARDOUS GOODS

(71) HUDSON, D.  
(21) 2022903556 (22) 24.11.2022  
(54) ROAD CRASH BARRIER

(71) ICEE HOLDINGS PTY LTD  
(21) 2022903520 (22) 21.11.2022  
(54) HINGE FOR A CONTAINER

(71) Illinois Tool Works Inc.  
(21) 2022903540 (22) 22.11.2022  
(54) Apparatus for connecting reinforcement

(71) JANUSNET PTY LTD  
(21) 2022903536 (22) 22.11.2022  
(54) An Improved System

(71) Johnston, N.  
(21) 2022903518 (22) 21.11.2022  
(54) A dust reduction unit for a recreational vehicles

(71) Keipert, G.  
(21) 2022903549 (22) 23.11.2022  
(54) Method for preventing or treating age related conditions using extracellular vesicles derived from a young mammal

(71) Lam, T.T.  
(21) 2022903524 (22) 22.11.2022  
(54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS

(71) Lam, T.T.  
(21) 2022903559 (22) 24.11.2022  
(54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS

(71) Lamprell, D.  
(21) 2022903550 (22) 23.11.2022  
(54) A turbine

(71) larkin, b.  
(21) 2022903543 (22) 23.11.2022  
(54) GEL FILLED ARCH SUPPORT FOR FOOTWEAR

(71) larkin, b.  
(21) 2022903544 (22) 23.11.2022  
(54) Gripsil Hair Extensions

(71) larkin, b.  
(21) 2022903545 (22) 23.11.2022  
(54) Polycarbonate lure with glow stick and rattles

(71) larkin, b.  
(21) 2022903546 (22) 23.11.2022  
(54) Pro Brush System

(71) larkin, b.  
(21) 2022903547 (22) 23.11.2022  
(54) Sticky D Glow Sticks

(71) La Trobe University  
(21) 2022903530 (22) 22.11.2022  
(54) IMAGE ENHANCEMENT

(71) Love, D.  
(21) 2022903551 (22) 23.11.2022  
(54) A mortar tray stand

(71) Marciano, R.  
(21) 2022903577 (22) 25.11.2022  
(54) SKIP BIN HOIST APPARATUS

(71) MELBOURNE SIDE ELECTRICS PTY LTD  
(21) 2022903568 (22) 25.11.2022  
(54) AN ELECTRICAL JUNCTION HOUSING

(71) Microbiogen Pty Ltd  
(21) 2022903539 (22) 22.11.2022  
(54) Yeast

(71) MINETOMETAL PTY LTD  
(21) 2022903560 (22) 24.11.2022  
(54) Copper Recovery from Dilute Sulphate Solutions

(71) Moore, C.  
(21) 2022903567 (22) 24.11.2022  
(54) ELECTRICALLY POWERED PROPULSION UNIT

(71) MuPharma Pty Ltd  
(21) 2022903583 (22) 25.11.2022  
(54) Non-invasive methods for creating antigen-specific immune tolerance

(71) NeuroScientific Biopharmaceuticals Ltd  
(21) 2022903564 (22) 24.11.2022  
(54) Neuroprotective compositions and methods

(71) NewSouth Innovations Pty Ltd  
(21) 2022903534 (22) 22.11.2022  
(54) An apparatus for perovskite fabrication

(71) Ocean Vision Environmental Research Pty Ltd  
(21) 2022903585 (22) 26.11.2022  
(54) WATERPROOF CABLE GLAND

(71) Osteo-X Pty Ltd  
(21) 2022903514 (22) 21.11.2022  
(54) INTRAMEDULLARY NAIL REMOVAL APPARATUS AND METHOD

(71) Pantelis, F.; Zafirovski, D.  
(21) 2022903582 (22) 25.11.2022  
(54) A patient medical data informational access system

(71) Pavino, S.  
(21) 2022903581 (22) 25.11.2022  
(54) Magnes Muralis: Double Acting Jackhammer.

(71) Pelling, T.  
(21) 2022903516 (22) 21.11.2022  
(54) Asymmetric bicycle seat or saddle (removing load from ischial tuberosity)

(71) Poldmaa, A.  
(21) 2022903587 (22) 26.11.2022  
(54) SURFACE MOUNT ANCHOR

(71) Poldmaa, A.  
(21) 2022903588 (22) 26.11.2022  
(54) SAFETY ANCHOR FOR A TILED ROOF

(71) Pring, G.  
(21) 2022903528 (22) 22.11.2022  
(54) Improvements in or in relation to internal partitions in buildings

(71) R. G. Goldspink Pty Limited  
(21) 2022903597 (22) 28.11.2022  
(54) A Device for Preventing Activation of a Telescopic Prop

**Rob Khamas see Denis King**  
(21) 2022903574

(71) Salty Cheeks Pty Ltd  
(21) 2022903584 (22) 25.11.2022  
(54) A GARMENT



## Provisional Applications Filed - Name Index cont'd

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(71) Schuler, C.A.  
 (21) 2022903531 (22) 22.11.2022  
 (54) Automotive privacy screen

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(71) Sharp Initiatives Pty Ltd  
 (21) 2022903515 (22) 21.11.2022  
 (54) New Process used on multi-storey development projects for town planning Applicants to install Carbon Captured Cement Sheeting that reduces CO2 emissions in comparison with Fibre-Cement Sheeting or Plasterboard, in exchange for being granted at least one extra storey per project by the relevant Authorities.

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(71) Social Media Break Pty Ltd  
 (21) 2022903541 (22) 22.11.2022  
 (54) System for Managing Usage of Social Media

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(71) SOUTHERN INNOVATION INTERNATIONAL PTY LTD  
 (21) 2022903565 (22) 24.11.2022  
 (54) DENSITY MEASURING

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(71) Stuart, K.  
 (21) 2022903521 (22) 21.11.2022  
 (54) Pallet Strapping Pole

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(71) The Council of the Queensland Institute of Medical Research  
 (21) 2022903523 (22) 21.11.2022  
 (54) COMPOSITIONS AND METHODS FOR IMPROVED CANCER TREATMENT

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(71) The Florey Institute of Neuroscience and Mental Health  
 (21) 2022903554 (22) 23.11.2022  
 (54) Cell-penetrating peptides and uses therefor

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(71) The Trustee for Perki Australia Family Trust  
 (21) 2022903586 (22) 26.11.2022  
 (54) In vehicle holder (powered) for ice-cream cones and frozen drinks that maintains food product's frozen status

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(71) The University of Adelaide  
 (21) 2022903572 (22) 25.11.2022  
 (54) POLYSACCHARIDE SYNTHASES (M)

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(71) The University of Melbourne  
 (21) 2022903562 (22) 24.11.2022  
 (54) A microneedle device for and a method of forming a microneedle device

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(71) The University of Queensland  
 (21) 2022903529 (22) 22.11.2022  
 (54) A copper containing composition for additive manufacturing

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(71) The University of Queensland  
 (21) 2022903575 (22) 25.11.2022  
 (54) Turbomachine mounting apparatus

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(71) The University of Sydney  
 (21) 2022903527 (22) 22.11.2022  
 (54) Encapsulated optoelectronic device

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(71) THE UNIVERSITY OF SYDNEY  
 (21) 2022903578 (22) 25.11.2022  
 (54) Method and Treatment

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(71) TStreet Pty Limited  
 (21) 2022903598 (22) 28.11.2022  
 (54) A translation system

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(71) University of Tasmania  
 (21) 2022903552 (22) 23.11.2022  
 (54) METHODS OF IDENTIFYING AND/OR SORTING CELLS

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(71) Vecta Pty Ltd  
 (21) 2022903561 (22) 24.11.2022  
 (54) Antenna mounting assembly

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(71) Vivid Surgical Pty Ltd  
 (21) 2022903533 (22) 22.11.2022  
 (54) Assemblies for releasably mounting a surgical device to a patient or tool

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(71) Vojvodic, M.; chemovar  
 (21) 2022903522 (22) 21.11.2022  
 (54) Categorising cannabis products based on aroma.

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(71) Weiss Nominees Pty Ltd  
 (21) 2022903558 (22) 24.11.2022  
 (54) ARTICULATING DRIVE SHAFT ARRANGEMENT FOR VEHICLE

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(71) Willett, P.  
 (21) 2022903519 (22) 21.11.2022  
 (54) Improvements in amphibious boats

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(71) Yako Electrics  
 (21) 2022903542 (22) 22.11.2022  
 (54) Electrical wall plate in-built multi charging station with retractable cables.

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Zafirovski, D. see Pantelis, F.  
 (21) 2022903582

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2022903513	BARON, B.; FRY, J.	2022903581	Pavino, S.
2022903514	Osteo-X Pty Ltd	2022903582	Pantelis, F.; Zafirovski, D.
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2022903517	Akunah Medical Technology Pty Ltd	2022903585	Ocean Vision Environmental Research Pty Ltd
2022903518	Johnston, N.	2022903586	The Trustee for Perki Australia Family Trust
2022903519	Willet, P.	2022903587	Poldmaa, A.
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2022903523	The Council of the Queensland Institute of Medical Research	2022903591	Hardiman, A.
2022903524	Lam, T.T.	2022903593	Asset Packing Machines Pty Ltd
2022903525	Amplefolk Pty Ltd	2022903594	AML3D Limited; Deakin University
2022903526	Bioconix Pty Ltd	2022903597	R. G. Goldspink Pty Limited
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2022903535	HORUSSENSORIUM HOLDINGS PTY LTD		
2022903536	JANUSNET PTY LTD		
2022903537	Collis, S.; Collis, M.		
2022903539	Microbiogen Pty Ltd		
2022903540	Illinois Tool Works Inc.		
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2022903542	Yako Electrics		
2022903543	Iarkin, b.		
2022903544	Iarkin, b.		
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2022903546	Iarkin, b.		
2022903547	Iarkin, b.		
2022903548	EYM (Ease Your Motion) Pty Ltd		
2022903549	Keipert, G.		
2022903550	Lamprell, D.		
2022903551	Love, D.		
2022903552	University of Tasmania		
2022903553	Formi Group Pty Ltd.		
2022903554	The Florey Institute of Neuroscience and Mental Health		
2022903555	AICLOUD Pty Ltd		
2022903556	HUDSON, D.		
2022903557	CW & JM Davenport		
2022903558	Weiss Nominees Pty Ltd		
2022903559	Lam, T.T.		
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2022903575	The University of Queensland		
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2022903577	Marciano, R.		
2022903578	THE UNIVERSITY OF SYDNEY		
2022903579	Delta Panels Pty Ltd		
2022903580	GME Pty Ltd		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Nov 2022 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

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(71) 1045929 Ontario Limited  
 (21) 2022268282 (22) 07.11.2022  
 (54) Sod harvesting systems and related methods  
 (31) 63/281,891 (32) 22.11.21 (33) US

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(71) 4DMedical Limited  
 (21) 2022263562 (22) 04.11.2022  
 (54) Method Of Imaging  
 (62) 2020210295

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(71) Abbott Diabetes Care Inc.  
 (21) 2022268269 (22) 07.11.2022  
 (54) Sensors and methods for measuring pH  
 (62) 2019325918

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(71) AbbVie Inc.  
 (21) 2022268294 (22) 08.11.2022  
 (54) Methods of treatment of diseases in which IL-13 activity is detrimental using anti-IL-13 antibodies  
 (62) 2021203358

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(71) Abiomed, Inc.  
 (21) 2022263596 (22) 04.11.2022  
 (54) Catheter of a heart pump shaped for anatomic fit  
 (62) 2017273561

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(71) Accenture Global Solutions Limited  
 (21) 2022268298 (22) 08.11.2022  
 (54) A SYSTEM FOR CONTROLLING ACCESS TO A PLURALITY OF TARGET SYSTEMS AND APPLICATIONS  
 (62) 2020256320

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(71) ACCESS TO ADVANCED HEALTH INSTITUTE  
 (21) 2022263559 (22) 04.11.2022  
 (54) Nanoalum particles containing a sizing agent  
 (62) 2017273650

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(71) Acer Incorporated  
 (21) 2022268270 (22) 07.11.2022  
 (54) DEVICE AND METHOD FOR HANDLING A RECOVERY OF A RADIO RESOURCE CONTROL CONNECTION OF A NON-TERRESTRIAL NETWORK  
 (31) 63/278,516 (32) 12.11.21 (33) US  
 17/979,781 03.11.22 US

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**Acuitas Therapeutics Inc. see The Trustees of the University of Pennsylvania**  
 (21) 2022263594

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(71) Adama Makhteshim Ltd.  
 (21) 2022268321 (22) 09.11.2022  
 (54) High-concentration fluensulfone formulations, their uses and processes of preparation  
 (62) 2017371909

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(71) Adicet Bio Inc.  
 (21) 2022268398 (22) 11.11.2022  
 (54) Affinity entities comprising a TCR-like antibody binding domain with high affinity and fine specificity and uses of same  
 (62) 2016276556

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(71) Advanced Potash Technologies Ltd; Massachusetts Institute of Technology  
 (21) 2022268326 (22) 09.11.2022  
 (54) POTASSIUM-RELEASING MATERIAL  
 (62) 2018210239

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(71) Allegiance Corporation  
 (21) 2022263563 (22) 04.11.2022  
 (54) VULCANIZATION COMPOSITION FOR REDUCING ALLERGENIC POTENTIAL AND ELASTOMERIC ARTICLES FORMED THEREWITH  
 (62) 2018383760

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(71) Allergan Industrie, SAS  
 (21) 2022263571 (22) 04.11.2022  
 (54) Implants for sculpting, augmenting or correcting facial features such as the chin  
 (62) 2020207813

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(71) Alnylam Pharmaceuticals, Inc.; TAKEDA PHARMACEUTICAL COMPANY LIMITED  
 (21) 2022268351 (22) 10.11.2022  
 (54) DI-ALIPHATIC SUBSTITUTED PEGYLATED LIPIDS  
 (62) 2021200742

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(71) Amgen Research (Munich) GmbH  
 (21) 2022268314 (22) 08.11.2022  
 (54) Bispecific Antibody Constructs Binding DLL3 And CD3  
 (62) 2016302569

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(71) Angel Group Co., Ltd.  
 (21) 2022268304 (22) 08.11.2022  
 (54) Fraudulence monitoring system of table game and fraudulence monitoring program of table game  
 (62) 2020233764

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(71) Apple Inc.  
 (21) 2022263576 (22) 04.11.2022  
 (54) User interfaces for retrieving contextually relevant media content  
 (62) 2022201561

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(71) Apple Inc.  
 (21) 2022263609 (22) 04.11.2022  
 (54) Wearable computer with fitness machine connectivity for improved activity monitoring using caloric expenditure models  
 (62) 2019301615

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(71) Apple Inc.  
 (21) 2022268328 (22) 09.11.2022  
 (54) Locating electronic devices and associated wireless accessories  
 (62) 2019350588

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(71) Applied Medical Resources Corporation  
 (21) 2022268391 (22) 11.11.2022  
 (54) Systems and methods for tissue containment and retrieval  
 (62) 2020204090

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(71) Argenta Innovation Limited  
 (21) 2022268388 (22) 11.11.2022  
 (54) Granulated anthelmintic preparations and delivery systems  
 (62) 2021200921

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(71) Atriva Therapeutics GmbH  
 (21) 2022268364 (22) 10.11.2022  
 (54) Novel Anti-Infective Strategy Against Influenza Virus And S.aureus Coinfections  
 (62) 2020256326

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(71) Australian Valve Group Pty Ltd  
 (21) 2022263611 (22) 04.11.2022  
 (54) Valve

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Complete Applications Filed - Name Index cont'd

(71) Axsome Therapeutics, Inc.  
(21) 2022268331 (22) 09.11.2022  
(54) Methods of modulating tetrabenazine metabolites plasma levels using bupropion  
(62) 2019284477

(71) Baker Hughes Holdings LLC  
(21) 2022268380 (22) 11.11.2022  
(54) Signal transmission system and method  
(62) 2019275216

(71) Bayer CropScience LP  
(21) 2022263574 (22) 04.11.2022  
(54) Vegetation detection and alert method and system for a railway vehicle  
(62) 2018253281

(71) Baylor College of Medicine  
(21) 2022268286 (22) 07.11.2022  
(54) IMMUNOGENIC ANTIGEN IDENTIFICATION FROM A PATHOGEN AND CORRELATION TO CLINICAL EFFICACY  
(62) 2016324479

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
(21) 2022263561 (22) 04.11.2022  
(54) Quantum measurement device calibration method and apparatus, electronic device and medium  
(31) 202111304804.7 (32) 05.11.21 (33) CN

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
(21) 2022263905 (22) 07.11.2022  
(54) Quantum chip structure, determining method and apparatus, device and storage medium  
(31) 202210398029.4 (32) 12.04.22 (33) CN

**Beijing Bytedance Network Technology Co., Ltd. see ByteDance Inc.**  
(21) 2022268297

(71) Beijing Tusen Zhitu Technology Co., Ltd.  
(21) 2022263580 (22) 04.11.2022  
(54) Payment method and system for a fleet, electronic device and storage medium  
(31) 202111448504.6 (32) 30.11.21 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.  
(21) 2022263583 (22) 04.11.2022  
(54) Communication method, related computing system and storage medium  
(31) 202111349680.4 (32) 15.11.21 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.  
(21) 2022263616 (22) 07.11.2022  
(54) Service discovery method and apparatus, computing device, and storage medium  
(31) 202111370479.4 (32) 18.11.21 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.  
(21) 2022268308 (22) 08.11.2022  
(54) Electrical box  
(31) 202122903211.4 (32) 24.11.21 (33) CN

(71) Breville USA, Inc.  
(21) 2022268287 (22) 07.11.2022  
(54) Crowdsourcing responses in a query processing system  
(62) 2018256336

(71) Bullfrog International, LC  
(21) 2022268376 (22) 11.11.2022  
(54) Spa Shell Reinforcement Systems and Methods  
(31) 17/524,105 (32) 11.11.21 (33) US

(71) ByteDance Inc.; Beijing Bytedance Network Technology Co., Ltd.  
(21) 2022268297 (22) 08.11.2022  
(54) PARAMETER DERIVATION FOR INTRA PREDICTION  
(62) 2020226566

(71) Canon Kabushiki Kaisha  
(21) 2022268284 (22) 07.11.2022  
(54) Drum unit, cartridge and coupling member  
(62) 2021200543

(71) Caris Science, Inc.  
(21) 2022263501 (22) 02.11.2022  
(54) THERAPEUTIC OLIGONUCLEOTIDES  
(62) 2016287499

(71) Carl Zeiss X-ray Microscopy, Inc.  
(21) 2022263600 (22) 04.11.2022  
(54) Multi-fraction sample holder for 3D particle analysis  
(31) 63/263,625 (32) 05.11.21 (33) US

(71) Carl Zeiss X-ray Microscopy, Inc.  
(21) 2022263604 (22) 04.11.2022  
(54) Method and system for analytical X-ray calibration, reconstruction and indexing using simulation  
(31) 63/263,626 (32) 05.11.21 (33) US

(71) Carl Zeiss X-ray Microscopy, Inc.  
(21) 2022263607 (22) 04.11.2022  
(54) 3D Particle Analysis and Separation Using Dual Seeding  
(31) 63/263,628 (32) 05.11.21 (33) US

(71) Caterpillar Inc.  
(21) 2022268366 (22) 10.11.2022  
(54) System and method for worksite management  
(62) 2017201789

(71) CBN Nano Technologies Inc.  
(21) 2022263572 (22) 04.11.2022  
(54) MITIGATING MECHANICAL WAVE SIGNAL ABSORPTION ACROSS MULTIPLE DEVICES  
(62) 2021282084

(71) Cerocchi, D.  
(21) 2022263597 (22) 04.11.2022  
(54) TRANSPORT TRAILER  
(62) 2018271285

(71) Chevron U.S.A. Inc.  
(21) 2022268334 (22) 09.11.2022  
(54) Process, method, and system for removing heavy metals from fluids  
(62) 2020250251

(71) Chon, U.  
(21) 2022268394 (22) 11.11.2022  
(54) Method Of Extracting Lithium, Method Of Preparing Lithium Carbonate, And Method Of Preparing Lithium Hydroxide  
(31) 10-2022-0043946 (32) 08.04.22 (33) KR  
10-2022-0088189 18.07.22

(71) CIDRA Corporate Services LLC  
(21) 2022268330 (22) 09.11.2022  
(54) Reactor system for separation and enrichment of minerals from a slurry containing minerals and other materials  
(62) 2017355407

(71) Climate LLC  
(21) 2022263579 (22) 04.11.2022  
(54) Systems, methods and apparatus for soil and seed monitoring  
(62) 2017382800

(71) Coates Hire Operations Pty Ltd  
(21) 2022268275 (22) 07.11.2022  
(54) A TILT PROP, A TILT PROP FOOT AND TILT PROP COMPONENTS  
(31) 2021903551 (32) 05.11.21 (33) AU

(71) CODEXIS, INC.  
(21) 2022268390 (22) 11.11.2022  
(54) Engineered glycosyltransferases and steviol glycoside glucosylation methods  
(62) 2020289865

(71) CommScope Technologies LLC  
(21) 2022268377 (22) 11.11.2022

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(54) Programmable power supplies for cellular base stations and related methods of reducing power loss in cellular systems  
(62) 2020294297

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(71) Conex IPR Limited  
(21) 2022268400 (22) 11.11.2022  
(54) FITTING FOR CONNECTING TO A TUBULAR ELEMENT, TUBING CONNECTION AND A METHOD FOR CONNECTING A FITTING TO A TUBULAR ELEMENT  
(62) 2020204127

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(71) Control Bionics Limited  
(21) 2022268375 (22) 11.11.2022  
(54) MULTIPLE SWITCHING ELECTROMYOGRAPHY (EMG) ASSISTIVE COMMUNICATIONS DEVICE  
(31) 17/556,063 (32) 20.12.21 (33) US  
(61) 2018367613  
(62) 2018367613

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(71) Converter Manufacturing, LLC  
(21) 2022263560 (22) 04.11.2022  
(54) Container having a retained, externally displaceable drain insert  
(62) 2017203977

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(71) Dana-Farber Cancer Institute, Inc.  
(21) 2022275430 (22) 23.11.2022  
(54) Genetic abnormalities in plasma cell dyscrasias  
(62) 2016306292

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(71) Daon Enterprises Limited  
(21) 2022268272 (22) 07.11.2022  
(54) METHODS AND SYSTEMS FOR TRAINING A MACHINE LEARNING MODEL AND AUTHENTICATING A USER WITH THE MODEL  
(31) 17/529,344 (32) 18.11.21 (33) US

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(71) DEKA Products Limited Partnership  
(21) 2022268342 (22) 09.11.2022  
(54) BLOOD TREATMENT SYSTEMS AND METHODS  
(62) 2021204241

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(71) Dorel Australia Pty Ltd  
(21) 2022268353 (22) 10.11.2022  
(54) Vehicular child restraint  
(31) 2021903595 (32) 10.11.21 (33) AU

Duff, J. see Paganessi, J.  
(21) 2022268302

(71) Eagle Outdoor Camping Products Co., Ltd.  
(21) 2022263603 (22) 04.11.2022

(54) ROTATING STRUCTURE AND TENT ASSEMBLY  
(31) 2022221172493 (32) 11.08.22 (33) CN

(71) Eagle Outdoor Camping Products Co., Ltd.  
(21) 2022263605 (22) 04.11.2022  
(54) CONNECTING STRUCTURE AND CAR TENT  
(31) 2022221191278 (32) 11.08.22 (33) CN

(71) Edico Genome Corp.  
(21) 2022263591 (22) 04.11.2022  
(54) BIOINFORMATICS SYSTEMS, APPARATUSES, AND METHODS EXECUTED ON AN INTEGRATED CIRCUIT PROCESSING PLATFORM  
(62) 2021203941

(71) Eli Lilly and Company  
(21) 2022268306 (22) 08.11.2022  
(54) Insulin and pramlintide delivery systems, methods, and devices  
(62) 2019288473

(71) Enatel Limited  
(21) 2022263566 (22) 04.11.2022  
(54) Load Balancing  
(62) 2020203025

(71) Fanca Technologies Pty Ltd  
(21) 2022241529 (22) 28.09.2022  
(54) A MOBILE DUST EXTRACTION DEVICE

(71) Field Engine Wildlife Research and Management LLC  
(21) 2022263584 (22) 04.11.2022  
(54) Animal trap  
(62) 2020264312

(71) Fisher & Paykel Healthcare Limited  
(21) 2022268278 (22) 07.11.2022  
(54) MEDICAL TUBES FOR BREATHING CIRCUIT  
(62) 2017297978

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2022263567 (22) 04.11.2022  
(54) IMPELLER AND MOTOR ASSEMBLY  
(62) 2020202826

(71) Fiskars Finland Oy Ab  
(21) 2022268358 (22) 10.11.2022  
(54) Method of manufacturing a knife blade and knife blade  
(31) 20216231 (32) 01.12.21 (33) FI

(71) GEA Process Engineering A/S  
(21) 2022268395 (22) 11.11.2022

(54) Method and system for drying salts, in particular hydrated salt  
(31) 22162583.3 (32) 16.03.22 (33) EP

(71) GeoRoc International, Inc.  
(21) 2022268301 (22) 08.11.2022  
(54) RADIOACTIVE GRANULAR DISPENSING DEVICE  
(62) 2018236049

(71) GeoRoc International, Inc.  
(21) 2022268307 (22) 08.11.2022  
(54) PROCESS FOR TREATING FLUID WASTES  
(62) 2018205528

(71) Getac Technology Corporation  
(21) 2022263592 (22) 04.11.2022  
(54) Method For Measuring Coordinate Position And Portable Electronic Device Using The Same  
(31) 17/520,586 (32) 05.11.21 (33) US

(71) Getac Technology Corporation  
(21) 2022268374 (22) 10.11.2022  
(54) Casing Assembly  
(31) 17/524,415 (32) 11.11.21 (33) US

(71) GE Video Compression, LLC  
(21) 2022268403 (22) 11.11.2022  
(54) Low delay picture coding  
(62) 2022201459

(71) Google LLC  
(21) 2022268339 (22) 09.11.2022  
(54) COLLABORATIVE SEARCH SESSIONS THROUGH AN AUTOMATED ASSISTANT  
(31) 17/554,608 (32) 17.12.21 (33) US

(71) Greenlight Biosciences, Inc.  
(21) 2022268349 (22) 10.11.2022  
(54) CELL-FREE PRODUCTION OF RIBONUCLEIC ACID  
(62) 2017246458

(71) Greenyn Biotechnology Co., Ltd  
(21) 2022268396 (22) 11.11.2022  
(54) Anti-allergic peptide and use thereof for immune regulation and anti-allergy  
(31) TW11113738 (32) 11.04.22 (33) TW

(71) Halliburton Energy Services, Inc.  
(21) 2022263556 (22) 04.11.2022  
(54) BENTONITE-BASED GROUTS AND RELATED METHODS  
(31) 17/654,125 (32) 09.03.22 (33) US

Hangzhou Cable Co Ltd see NewSouth Innovations Pty Limited  
(21) 2022268399

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<hr/> <p><b>Huesker, Inc. see MKB Company, LLC</b> (21) 2022268392</p> <hr/> <p>(71) Icahn School of Medicine at Mount Sinai; Monogram Orthopaedics Inc. (21) 2022268383 (22) 11.11.2022 (54) A SYSTEM AND METHOD FOR INTERACTION AND DEFINITION OF TOOL PATHWAYS FOR A ROBOTIC CUTTING TOOL (62) 2020280022</p> <hr/> <p>(71) IG6 Pty Ltd (21) 2022268280 (22) 07.11.2022 (54) FIRE CONTAINMENT DEVICES AND COMPONENTS THEREFOR (62) 2020244543</p> <hr/> <p>(71) IGT (21) 2022263557 (22) 04.11.2022 (54) CASINO PLAYER LOYALTYS TO CRYPTOCURRENCY AWARDS (31) 17/537,099 (32) 29.11.21 (33) US</p> <hr/> <p>(71) IGT (21) 2022263558 (22) 04.11.2022 (54) TIPPING TO TICKET AT ELECTRONIC GAMING MACHINE (EGM) USING SERVICE WINDOW OR A MOBILE DEVICE (31) 17/537,742 (32) 22.11.21 (33) US</p> <hr/> <p>(71) IGT (21) 2022268292 (22) 08.11.2022 (54) Gaming System Player Identification Device (62) 2017219094</p> <hr/> <p>(71) Illumina, Inc. (21) 2022268283 (22) 07.11.2022 (54) Phenotype/disease specific gene ranking using curated, gene library and network based data structures (62) 2017338775</p> <hr/> <p>(71) Illumina Cambridge Limited (21) 2022268273 (22) 07.11.2022 (54) New Fluorescent Dyes And Their Uses As Biomarkers (62) 2017335223</p> <hr/> <p>(71) Immatics Biotechnologies GmbH (21) 2022268324 (22) 09.11.2022 (54) NOVEL PEPTIDES, COMBINATION OF PEPTIDES AND SCAFFOLDS FOR USE IN IMMUNOTHERAPEUTIC TREATMENT OF VARIOUS CANCERS (62) 2020201896</p> <hr/>	<p>(71) Immatics Biotechnologies GmbH (21) 2022268329 (22) 09.11.2022 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST HEPATOCELLULAR CARCINOMA (HCC) AND OTHER CANCERS (62) 2020213295</p> <hr/> <p>(71) InfraBuild Wire Pty Limited (21) 2022263602 (22) 04.11.2022 (54) Strainer (62) 2017204418</p> <hr/> <p>(71) INSTITUTE OF OCEANOGRAPHIC INSTRUMENTATION, SHANDONG ACADEMY OF SCIENCES (21) 2022268367 (22) 10.11.2022 (54) THREE-DIMENSIONAL SPACE FORMATION CONTROL METHOD FOR HETEROGENEOUS UNMANNED SYSTEM (31) 202210888390.5 (32) 27.07.22 (33) CN</p> <hr/> <p>(71) Intervet International B.V. (21) 2022268378 (22) 11.11.2022 (54) Injectable formulation of a macrocyclic lactone and levamisole (62) 2016377165</p> <hr/> <p>(71) Iridia, Inc. (21) 2022268325 (22) 09.11.2022 (54) METHODS, COMPOSITIONS, AND DEVICES FOR INFORMATION STORAGE (62) 2017227608</p> <hr/> <p>(71) Janssen Vaccines &amp; Prevention B.V. (21) 2022268296 (22) 08.11.2022 (54) Vaccine against RSV (62) 2016289492</p> <hr/> <p>(71) JGM Industries Pty Limited (21) 2022268344 (22) 09.11.2022 (54) SYSTEM AND METHOD FOR CULTIVATING BIOLOGICAL ORGANISMS (62) 2021200861</p> <hr/> <p><b>Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.</b> (21) 2022268276</p> <hr/> <p>(71) Johnson &amp; Johnson Consumer Inc. (21) 2022263610 (22) 04.11.2022 (54) Oral care cleaning system utilizing entrained fluid (62) 2021202367</p> <hr/> <p>(71) Johnson &amp; Johnson Consumer Inc. (21) 2022263612 (22) 04.11.2022</p> <hr/>	<p>(54) Oral care cleaning system utilizing entrained fluid (62) 2021202365</p> <hr/> <p>(71) Kennametal Inc. (21) 2022268370 (22) 10.11.2022 (54) CUTTING TOOL MOUNTING ASSEMBLY WITH SPLIT, MODULAR AND WIRELESS WEAR DETECTION SYSTEM (31) 202210026643.8 (32) 11.01.22 (33) CN</p> <hr/> <p>(71) Kraft Foods Schweiz Holding GmbH (21) 2022263606 (22) 04.11.2022 (54) Chocolate composition (62) 2019285565</p> <hr/> <p>(71) Kyndi, Inc. (21) 2022268337 (22) 09.11.2022 (54) METHOD AND APPARATUS OF MACHINE LEARNING USING A NETWORK WITH SOFTWARE AGENTS AT THE NETWORK NODES AND THEN RANKING NETWORK NODES (62) 2018220752</p> <hr/> <p>(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude (21) 2022263555 (22) 04.11.2022 (54) COOLING FRAGMENTED MATERIAL BEFORE MILLING (31) EP21208287.9 (32) 15.11.21 (33) EP</p> <hr/> <p>(71) LANDA LABS (2012) LTD. (21) 2022268313 (22) 08.11.2022 (54) COMPOSITIONS, KITS AND METHODS FOR STYLING HAIR FIBERS (31) 18/052,221 (32) 03.11.22 (33) US (62) PCT/IB2021/053720</p> <hr/> <p>(71) LANDA LABS (2012) LTD. (21) 2022268315 (22) 08.11.2022 (54) COMPOSITIONS, KITS AND METHODS FOR STYLING HAIR FIBERS (31) 18/052,223 (32) 03.11.22 (33) US (62) PCT/IB2021/053722</p> <hr/> <p>(71) LANDA LABS (2012) LTD. (21) 2022268316 (22) 08.11.2022 (54) COMPOSITIONS, KITS AND METHODS FOR STYLING HAIR FIBERS (31) 18/052,224 (32) 03.11.22 (33) US (62) PCT/IB2021/053727</p> <hr/> <p>(71) LANDA LABS (2012) LTD. (21) 2022268317 (22) 08.11.2022 (54) COMPOSITIONS, KITS AND METHODS FOR STYLING HAIR FIBERS (31) 18/052,225 (32) 03.11.22 (33) US (62) PCT/IB2021/053730</p> <hr/>
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(71) Lets Join In (Holdings) Pty Ltd  
(21) 2022268327 (22) 09.11.2022  
(54) AN INTERACTIVE BROADCAST MANAGEMENT SYSTEM  
(62) 2017358068

(71) LG Electronics Inc.  
(21) 2022268289 (22) 07.11.2022  
(54) Laundry machine having induction heater and control method of the same  
(62) 2019399394

(71) LINEAGE LOGISTICS, LLC  
(21) 2022268356 (22) 10.11.2022  
(54) AUTOMATIC TRANSPORTATION OF PALLETS OF GOODS  
(62) 2022204344

(71) Magic Leap, Inc.  
(21) 2022268332 (22) 09.11.2022  
(54) Face model capture by a wearable device  
(62) 2017335736

(71) Mako Surgical Corp.  
(21) 2022263590 (22) 04.11.2022  
(54) ASSESSMENT OF SOFT TISSUE TENSION IN HIP PROCEDURES  
(31) 63/276,292 (32) 05.11.21 (33) US

(71) Manuel Martin  
(21) 2022263522 (22) 03.11.2022  
(54) LandBit

**Massachusetts Institute of Technology see Advanced Potash Technologies Ltd**  
(21) 2022268326

(71) MedImmune Limited  
(21) 2022263564 (22) 04.11.2022  
(54) ANTI-RSV MONOCLONAL ANTIBODY FORMULATION  
(62) 2018227502

(71) Medtronic, Inc.  
(21) 2022268268 (22) 07.11.2022  
(54) Therapy programming based on evoked compound action potentials  
(31) 63/280,976 (32) 18.11.21 (33) US  
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(71) Melin, J.  
(21) 2022268363 (22) 10.11.2022  
(54) COMPOSITION COMPRISING COMBINATION OF RAPAMYCIN AND AN ACTIVATOR OF AMP KINASE AND USE THEREOF FOR TREATING DISEASES  
(62) 2016361326

(71) Menzies, G.W.  
(21) 2022263601 (22) 04.11.2022  
(54) SUPPORTING STRUCTURE FOR PALLET OR PALLET CAGE

(71) Metrocorp Finance Pty Ltd  
(21) 2022268360 (22) 10.11.2022  
(54) Donation Method and System  
(31) 2022900194 (32) 02.02.22 (33) AU

(71) Mine Site Technologies Pty Ltd  
(21) 2022268385 (22) 11.11.2022  
(54) Telecommunication system and method, and components therefor  
(62) 2017331808

(71) MKB Company, LLC; Huesker, Inc.  
(21) 2022268392 (22) 11.11.2022  
(54) Silt fence configured for capturing pollutants  
(62) 2017285221

**Monogram Orthopaedics Inc. see Icahn School of Medicine at Mount Sinai**  
(21) 2022268383

(71) Monsanto Technology LLC  
(21) 2022263577 (22) 04.11.2022  
(54) Methods and compositions for herbicide tolerance in plants  
(62) 2020281034

(71) MONTEFIBRE MAE TECHNOLOGIES S.r.l.  
(21) 2022268277 (22) 07.11.2022  
(54) HIGH-SPEED PROCESS FOR PRODUCING ACRYLIC FIBERS AND RELATIVE APPARATUS  
(31) 102021000029576 (32) 23.11.21 (33) IT

(71) National Cheng Kung University  
(21) 2022268318 (22) 09.11.2022  
(54) SMART WEARABLE DEVICE

(71) National University of Singapore  
(21) 2022268355 (22) 10.11.2022  
(54) Blockade of CD7 expression and chimeric antigen receptors for immunotherapy of T-cell malignancies  
(62) 2017363278

(71) Nektar Therapeutics  
(21) 2022268401 (22) 11.11.2022  
(54) Conjugates of an IL-2 moiety and a polymer  
(62) 2021225133

(71) NewSouth Innovations Pty Limited; Hangzhou Cable Co Ltd  
(21) 2022268399 (22) 11.11.2022

(54) Graphene based electrical conductors  
(62) 2017313448

(71) Nexans  
(21) 2022268322 (22) 09.11.2022  
(54) SYSTEM FOR STIFFENING A STRUCTURE  
(31) 2112112 (32) 16.11.21 (33) FR

(71) Nexttracker Inc.  
(21) 2022268293 (22) 08.11.2022  
(54) Staged stowage of solar trackers and methods thereof  
(62) 2019383977

(71) Niantic, Inc.  
(21) 2022268310 (22) 08.11.2022  
(54) Cloud enabled augmented reality  
(62) 2018297358

(71) Nippon Steel Corporation  
(21) 2022268384 (22) 11.11.2022  
(54) Wound core and transformer  
(62) 2019354345

(71) Nokia Technologies Oy  
(21) 2022268352 (22) 10.11.2022  
(54) Method and apparatus for providing an always-on attribute of a PDU session and for providing interworking aspects with respect to an always-on PDU session  
(62) 2019317586

(71) NORITZ CORPORATION  
(21) 2022268393 (22) 11.11.2022  
(54) TANK AND MANUFACTURING METHOD THEREOF  
(31) 2021-188672 (32) 19.11.21 (33) JP

(71) NUM Technology Ltd  
(21) 2022263599 (22) 04.11.2022  
(54) METHODS, APPARATUSES, AND COMPUTER PROGRAMS FOR DATA PROCESSING, AND HIERARCHICAL DOMAIN NAME SYSTEM ZONE FILES  
(62) 2016376000

(71) ONE360 Pty Ltd  
(21) 2022268361 (22) 10.11.2022  
(54) ONE360 Slow Motion 360 Video Booth

(71) Ovenden, R.  
(21) 2022263582 (22) 04.11.2022  
(54) Round Post Anchor Retainer Bracket

(71) Paganessi, J.; Duff, J.  
(21) 2022268302 (22) 08.11.2022  
(54) Recovery of ethylene oxide from sterilization process  
(62) 2020423106

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<p>(71) Peter MacCallum Cancer Institute (21) 2022263573 (22) 04.11.2022 (54) Bispecific polypeptides for engagement of CAR expressing immune cells with antigen presenting cells and uses thereof (62) 2019370618</p>	<p>(71) Regeneron Pharmaceuticals, Inc. (21) 2022268350 (22) 10.11.2022 (54) NON-HUMAN ANIMALS CAPABLE OF DH-DH REARRANGEMENT IN THE IMMUNOGLOBULIN HEAVY CHAIN CODING SEQUENCES (62) 2019287727</p>	<p>(21) 2022268309</p>
<p>(71) Phoenix Eagle Company Pty Ltd (21) 2022268382 (22) 11.11.2022 (54) Composition and methods of manufacture (62) 2020411053</p>	<p>(71) RevBio, Inc. (21) 2022268291 (22) 08.11.2022 (54) COMPOSITIONS AND METHODS FOR ADHESION TO SURFACES (62) 2020257059</p>	<p>(71) Sebor, P.; Sebor, R. (21) 2022268309 (22) 08.11.2022 (54) AUTOMATIC POOL CLEANER (62) 2021224532</p>
<p>(71) PPJ, LLC (21) 2022263586 (22) 04.11.2022 (54) Adjustable Bed Systems with Rotating Articulating Bed Frame (62) 2017302552</p>	<p>(71) Revivicor, Inc. (21) 2022268274 (22) 07.11.2022 (54) Multi-transgenic pig for xenotransplantation (62) 2016319131</p>	<p>(71) Seminis Vegetable Seeds, Inc. (21) 2022268320 (22) 09.11.2022 (54) Tomato hybrid SVTM9032 and parents thereof (31) 17/544,560 (32) 07.12.21 (33) US</p>
<p>(71) Pure Storage, Inc. (21) 2022268336 (22) 09.11.2022 (54) Synchronously replicating datasets and other managed objects to cloud-based storage systems (62) 2018230871</p>	<p>(71) REVOLUTION AG PTY LTD (21) 2022263617 (22) 07.11.2022 (54) Unmanned Aerial Vehicle for Rescue</p>	<p>(71) Silk Road Medical, Inc. (21) 2022268389 (22) 11.11.2022 (54) SYSTEMS AND METHODS FOR TRANSCATHETER AORTIC VALVE TREATMENT (62) 2020289716</p>
<p><b>Queensland Eye Institute Foundation see Universitatea de Medicină, Farmacie, Științe și Tehnologie "George Emil Palade" din Târgu Mureș</b> (21) 2022268295</p>	<p>(71) REVOLUTION AG PTY LTD (21) 2022263618 (22) 07.11.2022 (54) Automatic Walking Water-Saving Agricultural Irrigation Device</p>	<p>(71) Snap-on Incorporated (21) 2022263589 (22) 04.11.2022 (54) System and method for indicating torque (62) 2021201471</p>
<p>(71) Rani Therapeutics, LLC (21) 2022263569 (22) 04.11.2022 (54) Swallowable drug delivery device and methods of drug delivery (62) 2020203067</p>	<p>(71) Revolution Medicines, Inc. (21) 2022268372 (22) 10.11.2022 (54) Rapamycin analogs as mTOR inhibitors (62) 2018263886</p>	<p>(71) Snap-on Incorporated (21) 2022263613 (22) 04.11.2022 (54) Dead blow hammer head (62) 2021204328</p>
<p>(71) Raven Industries, Inc. (21) 2022268354 (22) 10.11.2022 (54) SAFETY SYSTEM FOR AUTONOMOUS OPERATION OF OFF-ROAD AND AGRICULTURAL VEHICLES USING MACHINE LEARNING FOR DETECTION AND IDENTIFICATION OF OBSTACLES (62) 2021202038</p>	<p>(71) Riken (21) 2022268323 (22) 09.11.2022 (54) Class A GPCR-binding compound modifier (62) 2018266393</p>	<p>(71) Snap-on Incorporated (21) 2022268333 (22) 09.11.2022 (54) Reversing mechanism for a power tool (62) 2021203391</p>
<p><b>Razavi Bazaz, S. see Warkiani, M.E.</b> (21) 2022268371</p>	<p>(71) Rovi Guides, Inc. (21) 2022268369 (22) 10.11.2022 (54) Methods and systems for detecting overlaps between calendar appointments and media asset transmission times (62) 2016378582</p>	<p>(71) Spin Master, Inc. (21) 2022268397 (22) 11.11.2022 (54) Inflatable object and valve therefor (62) 2021203682</p>
<p>(71) Reflex Instruments Asia Pacific Pty Ltd (21) 2022268290 (22) 07.11.2022 (54) Method and system for enabling acquisition of borehole survey data and core orientation data (62) 2017210756</p>	<p>(71) Scholar Rock, Inc. (21) 2022268305 (22) 08.11.2022 (54) Methods for treating metabolic diseases by inhibiting myostatin activation (62) 2018205270</p>	<p>(71) STIEBEL ELTRON GMBH &amp; CO. KG (21) 2022268319 (22) 09.11.2022 (54) DOMESTIC HOT WATER SYSTEM (31) 10 2021 133 804.2 (32) 20.12.21 (33) DE</p>
<p>(71) Seal And Pack Co., Ltd (21) 2022263570 (22) 04.11.2022 (54) Container Sealing Body (31) 10-2022-0045961 (32) 13.04.22 (33) KR 10-2022-0107813 26.08.22 KR</p>	<p>(71) Takeda Pharmaceutical Company Limited (21) 2022268373 (22) 10.11.2022 (54) A monoclonal antibody inhibitor of Factor XIIa (62) 2016297018</p>	<p><b>TAKEDA PHARMACEUTICAL COMPANY LIMITED see Alnylam Pharmaceuticals, Inc.</b> (21) 2022268351</p>
<p><b>Sebor, R. see Sebor, P.</b></p>	<p>(71) Techtronic Cordless GP (21) 2022268288 (22) 07.11.2022</p>	



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- (54) Systems and methods of chainsaw tensioning  
(31) 17/523,873 (32) 10.11.21 (33) US
- 
- (71) Techtronic Cordless GP  
(21) 2022268335 (22) 09.11.2022  
(54) Robotic lawn mowers  
(31) 63/278,077 (32) 10.11.21 (33) US
- 
- (71) Techtronic Cordless GP  
(21) 2022268338 (22) 09.11.2022  
(54) Robotic lawn mowers  
(31) 63/278,079 (32) 10.11.21 (33) US
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- (71) Tee, L.  
(21) 2022263614 (22) 04.11.2022  
(54) A System and Method for Mobile Platform Designed for Digital Health Management and Support for Remote Patient Monitoring  
(62) 2016343818
- 
- (71) TerraPower, LLC  
(21) 2022268379 (22) 11.11.2022  
(54) STEEL-VANADIUM ALLOY CLADDING FOR FUEL ELEMENT  
(62) 2017398422
- 
- (71) The Board of Trustees of the Leland Stanford Junior University  
(21) 2022268368 (22) 10.11.2022  
(54) Compositions and methods for muscle regeneration using prostaglandin E2  
(62) 2017225999
- 
- (71) The Children's Hospital of Philadelphia  
(21) 2022263568 (22) 04.11.2022  
(54) Method and apparatus for extracorporeal support of premature fetus  
(62) 2020286215
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- (71) The Children's Hospital of Philadelphia  
(21) 2022268345 (22) 09.11.2022  
(54) Modified Factor IX, and compositions, methods and uses for gene transfer to cells, organs and tissues  
(62) 2016282781
- 
- (71) The Crown Group of Companies (Proprietary) Limited  
(21) 2022263587 (22) 04.11.2022  
(54) A stator for use in a progressive cavity pump, and method of manufacturing same
- 
- (71) The Global Alliance for TB Drug Development, Inc.  
(21) 2022268387 (22) 11.11.2022  
(54) Substituted phenyloxazolidinones for antimicrobial therapy  
(62) 2021205116
- 
- (71) The Insides Company Limited  
(21) 2022263575 (22) 04.11.2022  
(54) NUTRIENT RECYCLING DEVICE  
(62) 2018349270
- 
- (71) The Raymond Corporation  
(21) 2022263615 (22) 06.11.2022  
(54) MATERIAL HANDLING VEHICLE CHARGING SYSTEMS AND METHODS WITH POSITION COMPENSATION  
(31) 63/277,434 (32) 09.11.21 (33) US
- 
- (71) The Regents Of The University Of Colorado, A Body Corporate  
(21) 2022263598 (22) 04.11.2022  
(54) Cystathionine Beta-Synthase Enzyme For Treatment Of Homocystinuria  
(62) 2020200719
- 
- (71) The Trustees of the University of Pennsylvania; Acuitas Therapeutics Inc.  
(21) 2022263594 (22) 04.11.2022  
(54) Nucleoside-modified RNA for inducing an adaptive immune response  
(62) 2020202322
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- The University of Birmingham see University of Virginia Patent Foundation**  
(21) 2022263585
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- (71) Thromborex, Inc.  
(21) 2022268362 (22) 10.11.2022  
(54) BASKET FOR A CATHETER DEVICE  
(62) 2018364989
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- (71) Thromborex, Inc.  
(21) 2022268365 (22) 10.11.2022  
(54) BASKET FOR A CATHETER DEVICE  
(62) 2018364989
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- (71) Torqeedo GmbH  
(21) 2022268357 (22) 10.11.2022  
(54) Unterwasserantriebseinheit  
(31) 102021129462.2 (32) 11.11.21 (33) DE
- 
- (71) Toshiba Energy Systems & Solutions Corporation  
(21) 2022265940 (22) 07.11.2022  
(54) Pit initiation evaluation system, and, pit initiation evaluation method  
(31) 2022-132393 (32) 23.08.22 (33) JP
- 
- (71) Traffic Tech Pty Ltd  
(21) 2022263588 (22) 04.11.2022  
(54) Tunnel gantry  
(31) 2021903533 (32) 04.11.21 (33) AU
- 
- (71) TScan Therapeutics, Inc.  
(21) 2022268347 (22) 10.11.2022
- 
- (54) MAGEA1 IMMUNOGENIC PEPTIDES, BINDING PROTEINS RECOGNIZING MAGEA1 IMMUNOGENIC PEPTIDES, AND USES THEREOF  
(31) 63/277,924 (32) 10.11.21 (33) US  
63/317,337 07.03.22 US  
63/342,415 16.05.22 US
- 
- (71) TScan Therapeutics, Inc.  
(21) 2022268348 (22) 10.11.2022  
(54) BINDING PROTEINS RECOGNIZING HPV16 E7 ANTIGEN AND USES THEREOF  
(31) 63/277,901 (32) 10.11.21 (33) US  
63/317,326 07.03.22 US  
63/342,479 16.05.22 US
- 
- (71) Universitatea de Medicină, Farmacie, Științe și Tehnologie "George Emil Palade" din Târgu Mureș; Queensland Eye Institute Foundation  
(21) 2022268295 (22) 08.11.2022  
(54) Methods of inhibition
- 
- (71) University of Maryland, Baltimore  
(21) 2022263608 (22) 04.11.2022  
(54) Non-ATP/catalytic site p38 mitogen activated protein kinase inhibitors  
(62) 2019392904
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- (71) University of Virginia Patent Foundation; The University of Birmingham  
(21) 2022263585 (22) 04.11.2022  
(54) Target peptides for immunotherapy and diagnostics  
(62) 2020202434
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- (71) UPL Limited  
(21) 2022263578 (22) 04.11.2022  
(54) A method for controlling rust  
(62) 2020227013
- 
- (71) Ventana Medical Systems, Inc.  
(21) 2022268299 (22) 08.11.2022  
(54) Representative diagnostics  
(62) 2016349644
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- (71) VER-MAC  
(21) 2022268285 (22) 07.11.2022  
(54) System and method of maintaining traffic apparatus location information  
(62) 2019213445
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- (71) ViaSat, Inc.  
(21) 2022263565 (22) 04.11.2022  
(54) Radio Frequency Loopback for Transceivers  
(62) 2019215122
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- (71) View, Inc.  
(21) 2022263593 (22) 04.11.2022

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(54) Defect-mitigation layers in electrochromic devices  
(62) 2021200729

(71) Zoetis Services LLC  
(21) 2022268311 (22) 08.11.2022  
(54) Oil-based adjuvants  
(62) 2020202147

(71) Vile, J.  
(21) 2022268271 (22) 07.11.2022  
(54) Ventilation system

(71) Visual Defence Inc.  
(21) 2022268279 (22) 07.11.2022  
(54) HYBRID SMART PHONE SMART CAMERA SYSTEM BASED ON METHODS AND SYSTEM FOR MODIFYING A SMARTPHONE  
(31) 17/534,816 (32) 24.11.21 (33) US

(71) W. L. Gore & Associates, Inc.  
(21) 2022263581 (22) 04.11.2022  
(54) Medical devices for shunts, occluders, fenestrations and related systems and methods  
(62) 2019308262

(71) Warkiani, M.E.; Razavi Bazaz, S.  
(21) 2022268371 (22) 10.11.2022  
(54) Microfluidic device  
(31) 2021903597 (32) 10.11.21 (33) AU  
2022900132 25.01.22 AU

(71) WearOptimo Pty Ltd  
(21) 2022268343 (22) 09.11.2022  
(54) A system for determining fluid level in a biological subject  
(62) 2020286182

(71) Wing Aviation LLC  
(21) 2022268340 (22) 09.11.2022  
(54) Loading structure with tether guide for unmanned aerial vehicle  
(62) 2019284269

(71) Zell, J.  
(21) 2022268346 (22) 09.11.2022  
(54) Method and apparatus for levelling kickboards in kitchen and cabinetry installation.

(71) Zhejiang Aiko Solar Energy Technology Co., Ltd.  
(21) 2022268402 (22) 11.11.2022  
(54) SPECIAL-FIGURE DESIGN RIBBON FOR CONNECTING BACK CONTACT CELLS

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.  
(21) 2022268276 (22) 07.11.2022  
(54) SOLAR MODULE  
(31) 202210037606.7 (32) 13.01.22 (33) CN

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<b>2022241529</b>	Fanca Technologies Pty Ltd	<b>2022263617</b>	REVOLUTION AG PTY LTD
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Applications listed below were processed through the Patent Office Canberra during the period ending 22 Nov 2022 .  
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(71) Marlborough Oysters Limited  
(21) 2022100176           (22) 29.11.2022  
(54) SHELLFISH GROWING APPARATUS,  
      SYSTEM AND METHOD OF USING  
      SAME  
(62) 2021204058

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**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
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 2021221935 ( 5CN ) 2021236491 ( 5C ) 2021236582 ( 5CN )  
 2021286271 ( 4C ) 2021351009 ( 4B ) 2021351010 ( 4B )  
 2021903818 ( 12AN ) 2021903821 ( 12AN ) 2021903916 ( 12AN )

**2022**

2022100048 ( 21F ) 2022201992 ( 4B ) 2022204747 ( 12CN )  
 2022221492 ( 1B ) 2022224874 ( 7AN ) 2022228214 ( 7AN )  
 2022231795 ( 7AN )

**Assignments before Grant, Section 113**

**2015**

2015904696 Playground XYZ IP PTY LTD The application has been assigned to **Playground (XYZ) Holdings Pty Ltd**

**2016**

2016354677 Playground XYZ IP Pty Ltd The application has been assigned to **Playground (XYZ) Holdings Pty Ltd**

**2017**

2017274517 General Electric Company The application has been assigned to **Baker Hughes Oilfield Operations, LLC**

**2018**

2018361867 Victoria Link Ltd; Osaka University The application has been assigned to **Victoria Link Ltd**

**2019**

2019201816 Colgate-Palmolive Company; MONDELEZ GLOBAL LLC The application has been assigned to **Intercontinental Great Brands LLC; Colgate-Palmolive Company**

2019362747 Gero Discovery Limited Liability Company The application has been assigned to **GERO PTE. LTD.**

2019385645 Nov Process & Flow Technologies AS The application has been assigned to **Grant Prideco, Inc.**



**Assignments before Grant, Section 113**

**2020**

2020342458 GamaMabs Pharma The application has been assigned to **EXELIXIS, INC.**

2020369168 GamaMabs Pharma The application has been assigned to **EXELIXIS, INC.**

2020381197 Shashikant Walawalkar, Deenar The application has been assigned to **Verte Technologies, LLC**

**2021**

2021241550 Orbit Fab, Inc.; KNAUER, Larry; PUTMAN, Phil The application has been assigned to **Orbit Fab, Inc.**

2021902840 ScreenAway Holdings Limited The application has been assigned to **ScreenAway USA Pty Ltd**

2021903915 Royal Melbourne Institute of Technology; La Trobe University; Quantum Brilliance Pty Ltd The application has been assigned to **Quantum Brilliance Pty Ltd**

**2022**

2022204621 AFI LICENSING LLC The application has been assigned to **AHF, LLC**

2022204919 AFI LICENSING LLC The application has been assigned to **AHF, LLC**

2022231682 Neuroceuticals Inc. The application has been assigned to **PAX Co., Ltd.; OTSUKA PHARMACEUTICAL FACTORY, INC.; Neuroceuticals Inc.**

2022902826 Royal Melbourne Institute of Technology; Quantum Brilliance Pty Ltd; La Trobe University The application has been assigned to **Quantum Brilliance Pty Ltd**

2022903167 Badcock, Rodney; Huang, Xiyong The application has been assigned to **Victoria Link Limited**

**Extensions of Time, Section 223**

**Applications Received**

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

**2016**

2016223384 **Jeute, P.** An application to extend the time from 18 Jun 2021 to 18 Mar 2023 in which to gain acceptance and to pay a renewal fee has been filed . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

**2017**

2017100382 **RYNAL PTY LTD** An application to extend the time from 05 Apr 2022 to 05 Nov 2022 in which to pay a renewal fee has been filed . Address for service - Pipers Intellectual Property 1st Floor 3 Owens Road Epsom Auckland 1023 NZ

**Extensions of Time, Section 223**

**2020**

2020223375 **D4D TECHNOLOGIES, LLC** An application to extend the time from 15 Sep 2021 to 15 Sep 2022 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020358129 **STG IP PTY LTD** An application to extend the time from 04 May 2022 to 04 Oct 2022 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2010**

2010257397 **Adbri Masonry Pty Ltd** The time in which to pay a renewal fee has been extended to 23 Aug 2022 . Address for service - Summit IP PO Box 81 Hope Valley SA 5090 AU

**2017**

2017369018 **The Chinese University of Hong Kong** The time in which to pay a renewal fee has been extended to 30 Aug 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2019**

2019100076 **GGJC Pty Ltd** The time in which to pay a renewal fee has been extended to 23 Aug 2022 . Address for service - GGJC Pty Ltd U 103 222 City Walk Canberra ACT 2601 AU

**2020**

2020204642 **Hen Luminary Energy International Pty Ltd** The time in which to gain acceptance has been extended to 05 Jan 2023 . Address for service - Hen Luminary Energy International Pty Ltd 9 Louis Street Sydney Granville Granville NSW 2142 AU

**2021**

2021204067 **Combe International Ltd.** The time in which to pay a continuation fee has been extended to 23 Aug 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021219662 **AST & SCIENCE, LLC** The time in which to enter the National Phase has been 11 Oct 2022 . Address for service - ALLENS PATENT & TRADE MARK ATTORNEYS Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2021234338 **EXO CELL, LLC** The time in which to enter the National Phase has been extended to 12 Nov 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

**2022**

2022202541 **Pesense Pty L td** The time in which to make a further application for a divisional patent has been extended to 27 Apr 2022 . Address for service - Intelpro GPO Box 1339 Brisbane QLD 4001 AU

**Extensions of Time, Section 223**

**Section 223(1) Allowances**

**2017**

2017338618 **Ampfiban Holdings Pty Ltd** The time in which to gain acceptance has been extended to 07 Dec 2022

**Amendments**

**Applications for Amendment**

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

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

**2010**

2010210355 Composites for packaging articles and method of making same **Smart Planet Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Nov 2022 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2014**

2014221303 BUILDING PANEL **CSR Building Products Limited** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2015**

2015367411 Heat shield structure for a wheel **Mubea Carbo Tech GmbH** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

**2016**

2016330005 Security print media and method of manufacture thereof **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2016330006 Security print media and method of manufacture thereof **De La Rue International Limited** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2017**

2017345328 Methods of producing nor-opioid and nal-opioid benzylisoquinoline alkaloids **Antheia, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017412349 User Terminal And Radio Communication Method **NTT DOCOMO, INC.** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 17 Oct 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2018**

2018203052 DROP PAN SYSTEM AND SAMPLE SEPARATOR FOR GRAIN LOSS MEASUREMENT OR OTHER SAMPLE COLLECTION AND ASSESSMENT **7424401 Manitoba Ltd., dba Bushel Plus** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2022 . Address for service - Summit IP PO Box 81 Hope Valley SA 5090 AU

2018283053 Imidazole-containing inhibitors of ALK2 kinase **BioCryst Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

**2019**

2019357720 Fast, efficient real-time electro-magnetic systems simulator that dynamically accepts user input **Elloveo, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**2020**

2020201409 SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS **Rearden, LLC** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2022 . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2020286303 PTH prodrugs **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2022 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**Amendments Made**

**2016**

2016219253 **Sunovion Pharmaceuticals Inc.; PGI Drug Discovery LLC** The nature of the amendment is as shown in the statement filed 18 Aug 2022

2016220088 **Iowa State University Research Foundation, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Aug 2022

2016269555 **The NOCO Company** The nature of the amendment is as shown in the statement filed 04 May 2020

2016289971 **Sage Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 11 Aug 2022

2016329919 **Lemonex Inc.** The nature of the amendment is: Amend the name of the inventor to read Won, Cheolhee

**2017**

2017236023 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2017101935

**Amendments**

2017236025 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2017101936

2017271607 **BioMerieux, Inc.** The nature of the amendment is: Amend the invention title to read System and method of load balancing specimen containers with detection instruments

2017445156 **TOMI Environmental Solutions, Inc.** The nature of the amendment is as shown in the statement filed 02 Aug 2022

**2018**

2018240462 **Graybug Vision, Inc.** The nature of the amendment is as shown in the statement filed 19 Aug 2022

2018302245 **Itron Networked Solutions, Inc.** The nature of the amendment is as shown in the statement filed 08 Aug 2022

2018358138 **Bailli-Bio (Chengdu) Pharmaceutical Co., Ltd.; Systimmune, Inc.** The nature of the amendment is as shown in the statement filed 12 Aug 2022

2018377771 **Mitsui Chemicals, Inc.** The nature of the amendment is as shown in the statement filed 29 Aug 2022

**2019**

2019203433 **Glycosyn LLC** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2022

2019370592 **Creo Medical Limited** The nature of the amendment is: Remove the name of co-inventor TAPLIN, William

**2020**

2020201793 **Arvinas Operations, Inc.** The nature of the amendment is: Amend the name of the inventor to read Crew, Andrew P.; Qian, Yimin; Dong, Hanqing; Wang, Jing and Hornberger, Keith R.

2020305070 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Coated Steel Product

2020370355 **S. C. Johnson & Son, Inc.** The nature of the amendment is: Amend the name of a co-inventor to read Farris, Adriana

2020430939 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read MOTOR, FAN, AND AIR CONDITIONER

2020431615 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read MOTOR, FAN, AND AIR CONDITIONER

2020433822 **AbbVie Inc.** The nature of the amendment is: Amend the name of a co-inventor to read MOHAMED, Ahmed Nader

2020448813 **Good News Medical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2022

**Amendments**

2020449188 **Daikin Industries, Ltd.; Daikin Europe N.V.** The nature of the amendment is: Amend the invention title to read Refrigeration cycle apparatus

**2021**

2021216548 **Eli Lilly and Company** The nature of the amendment is: Add the names of co-inventors BERGLUND, Mark R.; GROSKREUTZ, Stephen Robert and WANG, Jingyao

2021217695 **Abiomed, Inc.** The nature of the amendment is: Amend the name of the inventor to read KORKUCH, Christopher N.; FISHMAN, Robert; FINNEGAN, Michael; DELORENZO, Charles; GENTILE, Andrew; MCLOUGHLIN, Anne Gabrielle; SWIERCZEK, Robert; D'AGOSTINO, Matthew and BARRY, Jonathan

2021228769 **The Research Foundation for The State University of New York** The nature of the amendment is: Amend the name of the inventor to read BERNSTEIN, Audrey; WOLFSON, Alexey and MCCAULEY, Sean

2021246913 **Wisk Aero LLC** The nature of the amendment is: Amend the name of the inventor to read TIGHE, James Joseph; TZARNOTZKY, Uri and LONG, Geoffrey Alan

2021246913 **Wisk Aero LLC** The nature of the amendment is: Amend the invention title to read Aircraft With Pusher Propeller

2021256299 **Mitsubishi Heavy Industries Engineering, Ltd.** The nature of the amendment is: Amend the invention title to read CARBON DIOXIDE RECOVERY APPARATUS

2021256364 **Mitsubishi Heavy Industries, Ltd.** The nature of the amendment is: Amend the invention title to read HYDROGEN RELEASE/STORAGE SYSTEM, HYDROGEN RELEASE/STORAGE METHOD, AMMONIA PRODUCTION EQUIPMENT, GAS TURBINE, FUEL CELL, AND STEEL MILL

2021263242 **Lava International, Inc.** The nature of the amendment is: Amend the invention title to read FLOORING MATERIAL, STRUCTURE FOR FITNESS STUDIO, AND STRUCTURE FOR SAUNA

2021264292 **SK Bioscience Co., Ltd.** The nature of the amendment is: Amend the invention title to read Influenza virus production method using single-use culture process system and rapid confirmation test of influenza virus antigen purification condition

2021264578 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read BANDWIDTH INDICATION METHOD APPLIED IN WIRELESS LOCAL AREA NETWORK AND COMMUNICATION APPARATUS

2021267203 **Chang, Y.W.; Chen, G.D.R.** The nature of the amendment is: Amend the invention title to read METHOD, APPARATUS, AND SYSTEM OF A FIBRILLATED NANOCELLULOSE MATERIAL

2021268096 **Neoperl GmbH** The nature of the amendment is: Amend the invention title to read Hose, hose arrangement, and corresponding method for producing a hose arrangement

2021269176 **The Rosalind Franklin Institute; Diamond Light Source Limited; Oxford University Innovation Limited** The nature

**Amendments**

of the amendment is: Amend the name of a co-inventor to read HUO, Jiandong

2021270781 **EagleBurgmann Germany GmbH & Co.KG** The nature of the amendment is: Amend the invention title to read Mechanical seal arrangement for high temperature applications

2021278492 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Work machine remote control system

2021280245 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the invention title to read Methods of treating cervical cancer by administering a PD-1 inhibitor

2021284027 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Haul vehicle management system and haul vehicle management method

2021300990 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read MULTI-LINK DEVICE PROBING METHOD AND COMMUNICATION APPARATUS

**2022**

2022200106 **Meduloc, LLC** The nature of the amendment is: Amend the name of the inventor to read Hustedt, Joshua; Arnold, Benjamin; Bowman, Brian and Ybarra, Kristen

2022224870 **B. Braun Medical Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2022

2022246431 **Monsanto Technology LLC** The nature of the amendment is as shown in the statement filed 07 Oct 2022

2022263456 **Tsinghua University** The nature of the amendment is: Application is to proceed under the number 2022100175

2022902826 **The Australian National University; Quantum Brilliance Pty Ltd** The nature of the amendment is: Add co-applicant as The Australian National University

2022903468 **Nova Eye, Inc.** The nature of the amendment is: Amend the invention title to read BARBED OPHTHALMIC CATHETER AND A METHOD OF USE OF THE CATHETER

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

**2003**

2003238747 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2003246756 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2005**

2005259133 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2005317998 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**Amendments**

2005324285 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2005337968 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2006**

2006200735 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2006312988 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2007**

2007207864 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2007209263 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2007231613 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2007350808 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2007351679 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2009**

2009264088 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2010**

2010200018 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2010201751 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2010241517 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2010364696 Metso Sweden AB The name of the patentee has been altered to **Metso Outotec Sweden Ab**

**2011**

2011200039 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2011242137 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2011244203 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**Amendments**

2011318233 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2011353515 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2011359056 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2011375141 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2012**

2012216863 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012260777 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012280176 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012364321 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012364322 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012379301 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012382285 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2013**

2013202272 METSO MINERALS INDUSTRIES, INC. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013202279 METSO MINERALS INDUSTRIES, INC. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013203817 Metso Minerals Industries, Inc The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013203858 Metso Minerals Industries, Inc The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013203881 Metso Minerals Industries, Inc The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013205179 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013205190 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2013237300 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**Amendments**

2013237302 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013273398 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013326358 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013336504 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013366340 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013399877 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013399878 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013399879 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013399880 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013405447 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2014**

2014202790 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2014253561 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014359037 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014359038 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014367110 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2014379504 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2014405838 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2015**

2015100153 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015100154 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

**Amendments**

2015206780 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2015255935 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2015268699 The Climate Corporation The name of the patentee has been altered to **Climate LLC**

2015271093 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2015303921 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2015366134 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

**2016**

2016100152 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016101848 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016101850 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016227370 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016246032 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016260993 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016310628 Metso Minerals Industries, Inc. The name of the patentee has been altered to **Metso Outotec USA Inc.**

2016374469 Metso Sweden AB The name of the patentee has been altered to **Metso Outotec Sweden Ab**

**2017**

2017100250 METSO MINERALS OY The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017230185 Evolve BioSystems, Inc. The name of the applicant has been altered to **Infinant Health, Inc**

2017230187 Evolve BioSystems, Inc. The name of the applicant has been altered to **Infinant Health, Inc**

2017237442 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017258602 Metso Minerals Industries, Inc. The name of the applicant has been altered to **Metso Outotec USA Inc.**

**Amendments**

2017259023 Metso Minerals, Inc. The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017290900 Evolve BioSystems, Inc. The name of the applicant has been altered to **Infinant Health, Inc**

2017394430 Shanghai Hongyitang BioPharmaceutical Co., Ltd The name of the patentee has been altered to **Shanghai Huiyu Biomedical Technology Co., Ltd.**

**2018**

2018244146 Peafowl Solar Power AB The name of the applicant has been altered to **Peafowl Plasmonics AB**

2018353113 Metso Minerals, Inc. The name of the applicant has been altered to **Metso Outotec Finland Oy**

2018360744 Shire-NPS Pharmaceuticals, Inc. The name of the applicant has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2018361589 UBE Industries, Ltd. The name of the applicant has been altered to **UBE Corporation**

2018403070 Neural Analytics, Inc. The name of the applicant has been altered to **NovaSignal Corp.**

**2019**

2019206580 Neural Analytics, Inc. The name of the applicant has been altered to **NovaSignal Corp.**

2019208041 Neural Analytics, Inc. The name of the applicant has been altered to **NovaSignal Corp.**

2019210132 Opus-12 Incorporated The name of the applicant has been altered to **Twelve Benefit Corporation**

2019210133 Neural Analytics, Inc. The name of the applicant has been altered to **NovaSignal Corp.**

2019223264 Metso Minerals, Inc. The name of the applicant has been altered to **Metso Outotec Finland Oy**

2019254610 Metso Minerals, Inc. The name of the applicant has been altered to **Metso Outotec Finland Oy**

2019264834 Metso Minerals, Inc. The name of the applicant has been altered to **Metso Outotec Finland Oy**

2019286705 Metso Minerals, Inc. The name of the applicant has been altered to **Metso Outotec Finland Oy**

2019313327 Metso Minerals Industries, Inc. The name of the applicant has been altered to **Metso Outotec USA Inc.**

2019386085 Opus 12 Incorporated The name of the applicant has been altered to **Twelve Benefit Corporation**

**Amendments**

2019401616 Opus 12 Incorporated The name of the applicant has been altered to **Twelve Benefit Corporation**

**2020**

2020206328 Opus 12 Incorporated The name of the applicant has been altered to **Twelve Benefit Corporation**

2020270412 Atomic Health, Inc. The name of the applicant has been altered to **Transport Authority, Inc.**

2020283361 UBE Industries, Ltd. The name of the applicant has been altered to **UBE Corporation**

2020314375 Aerostar International, Inc. The name of the applicant has been altered to **Aerostar International, LLC**

2020333741 Aerostar International, Inc. The name of the applicant has been altered to **Aerostar International, LLC**

2020336320 Aerostar International, Inc. The name of the applicant has been altered to **Aerostar International, LLC**

**2021**

2021204822 Evolve BioSystems, Inc. The name of the applicant has been altered to **Infinant Health, Inc**

2021228769 The Research Foundation for The State University of New York The name of the applicant has been altered to **The Research Foundation for The State University of New York**

2021251876 The Research Foundation for The State University of New York The name of the applicant has been altered to **The Research Foundation for The State University of New York**

2021252887 Aerostar International, Inc. The name of the applicant has been altered to **Aerostar International, LLC**

**2022**

2022201172 Evolve Biosystems, Inc. The name of the applicant has been altered to **Infinant Health, Inc**

2022902303 Agile 8 Pty Ltd The name of the applicant has been altered to **ARTIFICIAL INTELLIGENCE CENTRE OF EXCELLENCE PTY LTD**

2022902304 Agile 8 Pty Ltd The name of the applicant has been altered to **ARTIFICIAL INTELLIGENCE CENTRE OF EXCELLENCE PTY LTD**

2022902305 Agile 8 Pty Ltd The name of the applicant has been altered to **ARTIFICIAL INTELLIGENCE CENTRE OF EXCELLENCE PTY LTD**

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

<p>(71) "ChemImmune Therapeutics" Limited Liability Company (11) AU-A-2022256212 (21) 2022256212 (22) 21.10.2022 (54) Glutarimide derivative for overcoming resistance to steroids (51) Int. Cl. A61K 31/454 ( 2006.01 ) A61K 31/375 ( 2006.01 ) A61K 31/56 ( 2006.01 ) A61P 11/06 ( 2006.01 ) A61P 37/00 ( 2006.01 ) A61P 37/08 ( 2006.01 ) A61P 43/00 ( 2006.01 ) (43) 08.12.2022 (62) 2019384626 (72) NEBOLSIN, Vladimir Evgenievich (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Active AgriScience Inc. (11) AU-A-2022201466 (21) 2022201466 (22) 03.03.2022 (54) Nitrogen stabilizing compositions (51) Int. Cl. C05G 3/90 ( 2020.01 ) A01H 3/04 ( 2006.01 ) C05C 9/00 ( 2006.01 ) C05D 9/02 ( 2006.01 ) C05G 5/12 ( 2020.01 ) C05G 5/30 ( 2020.01 ) (31) 17/327,207 (32) 21.05.21 (33) US (43) 08.12.2022 (72) Waliwitiya, Ranil (74) Davies Collison Cave Pty Ltd</p>	<p>A61L 27/20 ( 2006.01 ) A61L 27/50 ( 2006.01 ) A61L 27/52 ( 2006.01 ) (43) 08.12.2022 (62) 2020207813 (72) Roca Martinez, Jean-Xavier; Ayglon, Aurore (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 4DMedical Limited (11) AU-A-2022263562 (21) 2022263562 (22) 04.11.2022 (54) Method Of Imaging (51) Int. Cl. A61B 6/02 ( 2006.01 ) A61B 5/08 ( 2006.01 ) A61B 8/08 ( 2006.01 ) (43) 08.12.2022 (62) 2020210295 (72) FOURAS, Andreas (74) WRAYS PTY LTD</p>	<p>(71) AiCuris GmbH &amp; Co. KG (11) AU-A-2022263540 (21) 2022263540 (22) 03.11.2022 (54) N-[5-(aminosulfonyl)-4-methyl-1,3- thiazol-2-yl]-N-methyl-2-[4-(2-pyrid- inyl)-phenyl]-acetamide free base hemi- hydrate, methods of manufacture and uses thereof (51) Int. Cl. C07D 417/12 ( 2006.01 ) A61K 31/4402 ( 2006.01 ) A61P 31/22 ( 2006.01 ) (43) 08.12.2022 (62) 2021221901 (72) Bachhav, Yogeshwar; Schwab, Wilfried; Birkmann, Alexander; Voegtli, Kurt (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Angel Group Co., Ltd. (11) AU-A-2022263542 (21) 2022263542 (22) 03.11.2022 (54) Inspection system and cash register system (51) Int. Cl. G01G 19/52 ( 2006.01 ) A63F 5/04 ( 2006.01 ) G06M 15/00 ( 2011.01 ) G07G 1/00 ( 2006.01 ) (43) 08.12.2022 (62) 2017361481 (72) Shigetani, Yasushi (74) Davies Collison Cave Pty Ltd</p>
<p>(71) 9257-5810 Québec Inc. (11) AU-A-2022203367 (21) 2022203367 (22) 18.05.2022 (54) Snubber apparatus for earth-working bucket (51) Int. Cl. E02F 3/407 ( 2006.01 ) E02F 9/20 ( 2006.01 ) (31) 63/190,842 (32) 20.05.21 (33) US (43) 08.12.2022 (72) GUILLEMETTE, Jessy (74) Spruson &amp; Ferguson</p>	<p>(71) Allegiance Corporation (11) AU-A-2022263563 (21) 2022263563 (22) 04.11.2022 (54) VULCANIZATION COMPOSITION FOR REDUCING ALLERGENIC POTEN- TIAL AND ELASTOMERIC ARTICLES FORMED THEREWITH (51) Int. Cl. B29C 35/02 ( 2006.01 ) C08K 3/06 ( 2006.01 ) C08K 5/38 ( 2006.01 ) C08L 21/00 ( 2006.01 ) (43) 08.12.2022 (62) 2018383760 (72) CHEN, Seong Fong; WONG, Wei Cheong (74) Griffith Hack</p>	<p>(71) Anhui Wollin International Co., Ltd. (11) AU-A-2022202312 (21) 2022202312 (22) 06.04.2022 (54) ALL-IN-ONE VEHICLE RUNNING BOARD (51) Int. Cl. B60R 3/00 ( 2006.01 ) (31) 202110563482.1 (32) 24.05.21 (33) CN (43) 08.12.2022 (72) Ye, Jinsong; Teng, Qiang; Liu, Quanfu (74) Madderns Pty Ltd</p>
<p>(71) Acres Technology (11) AU-A-2022263553 (21) 2022263553 (22) 03.11.2022 (54) Automatic Application of a Bonus to an Electronic Gaming Device Respons- ive to Player Interaction With a Mobile Computing Device (51) Int. Cl. A63F 13/30 ( 2014.01 ) G07F 17/32 ( 2006.01 ) (43) 08.12.2022 (62) 2017232065 (72) Acres, John F. (74) Golja Haines &amp; Friend</p>	<p>(71) Allergan Industrie, SAS (11) AU-A-2022263571 (21) 2022263571 (22) 04.11.2022 (54) Implants for sculpting, augmenting or correcting facial features such as the chin (51) Int. Cl.</p>	<p>(71) Apple Inc. (11) AU-A-2022263480 (21) 2022263480 (22) 01.11.2022 (54) Wireless earbuds (51) Int. Cl. H04W 4/20 ( 2018.01 ) H04M 1/725 ( 2021.01 ) H04W 88/02 ( 2009.01 ) H04W 92/18 ( 2009.01 ) (43) 08.12.2022 (62) 2020244539 (72) Albonico, Marcus; Yang, Shannon X.; Panecki, Lee M.; Chawan, Arun D.; LeBlanc, Jason J. (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Allergan Industrie, SAS (11) AU-A-2022263576 (21) 2022263576 (22) 04.11.2022 (54) User interfaces for retrieving contextu- ally relevant media content (51) Int. Cl. G06F 16/178 ( 2019.01 )</p>		



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- (71) Arlec Australia Pty Ltd  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) AIR MIXING PLENUM, SYSTEM AND METHOD  
 (51) Int. Cl.  
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 (54) Processes for printing spot colors  
 (51) Int. Cl.  
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 (51) Int. Cl.  
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*A61K 31/4196* ( 2006.01 )  
*C07C 317/14* ( 2006.01 )  
*C07C 317/44* ( 2006.01 )  
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*C07D 401/04* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd
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- (71) Bayer Aktiengesellschaft  
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 (54) Heteroaryl-triazole and heteroaryl-tetrazole compounds as pesticides  
 (51) Int. Cl.  
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 (72) ARLT, Alexander; HALLENBACH, Werner; SCHWARZ, Hans-Georg; FÜSSLEIN, Martin; WROBLOWSKY, Heinz-Juergen; LINKA, Marc; EILMUS, Sascha; ILG, Kerstin; GÖRGENS, Ulrich; DAMIJONAITIS, Arunas Jonas; CANCHO GRANDE, Yolanda; EBBINGHAUS-KINTSCHER, Ulrich; JESCHKE, Peter; HA, Weijie; HEISLER, Iring; TURBERG, Andreas  
 (74) Davies Collison Cave Pty Ltd
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- (71) Bayer CropScience LP  
 (11) AU-A-2022263574  
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 (54) Vegetation detection and alert method and system for a railway vehicle  
 (51) Int. Cl.  
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 (72) Matson, Kris; Day, Pascal; Hinnant, Lloyd; Fernandez, Alvaro Ortiz; Back, Eduardo; Slone, Jonathon Brent  
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- (71) Becton, Dickinson and Company  
 (11) AU-A-2022263533  
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 (54) Drive assembly for drug delivery system  
 (51) Int. Cl.  
*A61M 5/142* ( 2006.01 )  
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*E05D 5/02* ( 2006.01 )  
*E05D 7/086* ( 2006.01 )  
*E05F 1/06* ( 2006.01 )  
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 (72) LAWS, Adam  
 (74) MEYER WEST IP
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- (71) Biolyph, LLC  
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- (54) REAGENT STORAGE DEVICES AND METHODS FOR SAME  
 (51) Int. Cl.  
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 (72) PEARCY, Timothy E.; ROSE, Steve  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Boston Scientific Scimed, Inc.  
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 (54) Pump assembly having a push valve for a penile prosthesis and inflatable penile prosthesis  
 (51) Int. Cl.  
*A61F 2/26* ( 2006.01 )  
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 (72) MUJWID, James Ryan; FREDRICK, Ryan Earl; DILORETO, Mark Edward; BOSTROM, John Anders  
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- (71) Bourgault Industries Ltd.  
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 (54) Singulating arrangement and extraction from singulating meter  
 (51) Int. Cl.  
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 (72) JAGOW, Scot; ARGUIN, Aden; CROOYMANS, Brennan; COWAN, Ryan; RIEDER, Jami  
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- 
- (71) Briacell Therapeutics Corp.  
 (11) AU-A-2022259857  
 (21) 2022259857 (22) 28.10.2022  
 (54) Whole-cell cancer vaccines and methods for selection thereof  
 (51) Int. Cl.  
*C12N 15/12* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
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 (72) Lacher, Markus Daniel; Wagner, Joseph Paul; Wiseman, Charles Louis; Williams, William Valentine  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Brien Holden Vision Institute Limited  
 (11) AU-A-2022263467  
 (21) 2022263467 (22) 31.10.2022  
 (54) Ophthalmic optical lens for vision correction having one or more areas of more positive power  
 (51) Int. Cl.  
*G02C 7/06* ( 2006.01 )
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 (72) HOLDEN, Brien Anthony; SANK-ARIDURG, Padmaja Rajagopal; EHRMANN, Klaus; CONRAD, Fabian; HO, Arthur  
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- (71) Caris Science, Inc.  
 (11) AU-A-2022263501  
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 (54) THERAPEUTIC OLIGONUCLEOTIDES  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*A61K 35/17* ( 2015.01 )  
*C07K 14/47* ( 2006.01 )  
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 (72) O'Neill, Heather; Miglause, Mark; Spetler, David  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CBN Nano Technologies Inc.  
 (11) AU-A-2022263572  
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 (54) MITIGATING MECHANICAL WAVE SIGNAL ABSORPTION ACROSS MULTIPLE DEVICES  
 (51) Int. Cl.  
*G10K 11/18* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 8/00* ( 2006.01 )  
*G01S 15/00* ( 2020.01 )  
*H02J 50/15* ( 2016.01 )  
*H02J 50/80* ( 2016.01 )  
*H02J 50/90* ( 2016.01 )  
*H04B 11/00* ( 2006.01 )  
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 (72) Hogg, Tad  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) CCTEG Chongqing Research Institute Co., Ltd  
 (11) AU-A-2021277750  
 (21) 2021277750 (22) 03.12.2021  
 (54) JAW LOCKING TYPE DRILL PIPE CAPABLE OF ROTATING CLOCKWISE AND COUNTERCLOCKWISE  
 (51) Int. Cl.  
*E21B 17/046* ( 2006.01 )  
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 (74) TIDY TEND GLOBAL PTY LTD
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- (71) CCTEG Chongqing Research Institute Co., Ltd  
 (11) AU-A-2021277751  
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 (54) DUAL-LINK DRILL PIPE PICKING MANIPULATOR  
 (51) Int. Cl.  
*B25J 15/10* ( 2006.01 )  
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*E21B 44/02* ( 2006.01 )  
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 (74) TIDY TEND GLOBAL PTY LTD
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 (54) Sparse ocean bottom nodes and mini-streamer acquisition system for enhancing subsurface imaging  
 (51) Int. Cl.  
*G01V 1/38* ( 2006.01 )  
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 (54) Compositions and methods for removing heavy metals from fluids  
 (51) Int. Cl.  
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*C01B 17/20* ( 2006.01 )  
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*C01G 3/12* ( 2006.01 )  
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*C01G 49/12* ( 2006.01 )  
*C09K 8/594* ( 2006.01 )  
*C10L 3/10* ( 2006.01 )  
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 (72) O'Rear, Dennis John; Thompson, Joshua Allen; Mahieux, Cedrick  
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- (71) China Tiesiju Civil Engineering Group Co., Ltd.; The First Engineering Co., Ltd. of CTCE Group  
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 (54) Double-span movable formwork of lower bearing type and construction method  
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(71) Cj Cheiljedang Corporation  
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 (54) Novel promoter and use thereof  
 (51) Int. Cl.  
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     **C12P 1/04** ( 2006.01 )  
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     **G06Q 20/38** ( 2012.01 )  
     **H04L 9/00** ( 2022.01 )  
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 (72) Coglitore, Charlie  
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(71) Colgate-Palmolive Company  
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 (54) Oral care implement  
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 (54) Container having a retained, externally displaceable drain insert  
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     **B65D 81/00** ( 2006.01 )  
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 (72) Wallace, Millard F.  
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2022263490

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 (11) AU-A-2022259851  
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     **C12N 5/0781** ( 2010.01 )  
 (43) 08.12.2022  
 (62) 2016243052  
 (72) GOLDBERG, Michael; GREINER, Vera  
 (74) Spruson & Ferguson

(71) Dana-Farber Cancer Institute, Inc.  
 (11) AU-A-2022275430  
 (21) 2022275430 (22) 23.11.2022  
 (54) Genetic abnormalities in plasma cell dyscrasias  
 (51) Int. Cl.  
     **C12Q 1/68** ( 2018.01 )  
 (43) 08.12.2022  
 (62) 2016306292  
 (72) Ghobrial, Irene; Manier, Salomon; Mishima, Yuji  
 (74) Zone Patents Limited

(71) DBK David + Baader GmbH  
 (11) AU-A-2022263491  
 (21) 2022263491 (22) 01.11.2022  
 (54) Apparatus for drying rooms  
 (51) Int. Cl.  
     **F26B 3/04** ( 2006.01 )  
     **E04B 1/70** ( 2006.01 )  
     **F24H 3/04** ( 2022.01 )  
     **F24H 9/20** ( 2022.01 )  
     **F26B 9/02** ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2016200001  
 (72) JAYNE, Jonathan; TUREK, Pawel Tomasz; NORMAN, Ashley Charles; HALSTEAD, Richard Ralph; HOPKIN, Ian David  
 (74) Griffith Hack

(71) Deere & Company  
 (11) AU-A-2022202484  
 (21) 2022202484 (22) 13.04.2022  
 (54) Methods and apparatus to identify headlands  
 (51) Int. Cl.  
     **G06V 10/44** ( 2022.01 )  
     **G05D 1/02** ( 2020.01 )  
     **G06G 50/02** ( 2012.01 )  
     **G06T 7/13** ( 2017.01 )  
     **G06T 7/136** ( 2017.01 )  
     **G06V 10/25** ( 2022.01 )  
     **G06V 10/28** ( 2022.01 )  
 (31) 17/323,480 (32) 18.05.21 (33) US  
 (43) 08.12.2022  
 (72) Anderson, Scott W.; Fotouhi Ardakani, Mohammadkazem  
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company  
 (11) AU-A-2022202485  
 (21) 2022202485 (22) 13.04.2022  
 (54) Sprayer boom control for improved ride and control  
 (51) Int. Cl.  
     **A01B 63/118** ( 2006.01 )  
     **A01B 63/00** ( 2006.01 )  
     **A01C 23/04** ( 2006.01 )  
     **A01M 7/00** ( 2006.01 )  
     **B66C 13/12** ( 2006.01 )  
     **B66C 13/18** ( 2006.01 )  
 (31) 17/324,220 (32) 19.05.21 (33) US  
 (43) 08.12.2022  
 (72) Anderson, Eric R.  
 (74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.  
 (11) AU-A-2022263527  
 (21) 2022263527 (22) 03.11.2022  
 (54) System and method for decision support using lifestyle factors  
 (51) Int. Cl.  
     **G16H 40/63** ( 2018.01 )  
     **G01N 33/66** ( 2006.01 )  
     **G16H 50/20** ( 2018.01 )  
 (43) 08.12.2022  
 (62) 2020233711  
 (72) DAVIS, Anna Leigh; BHAVARAJU, Naresh C.; BLACKWELL, Jennifer; BOWMAN, Leif N.; CABRERA Jr., Esteban; CONSTANTIN, Alexandra Elena; DATTARAY, Basab; DRAEGER, Rian; HEINTZMAN, Nathaniel David; JEPSON, Lauren Hruby; KAMATH, Apurv Ullas; KOEHLER, Katherine Yerre; PAL, Andrew Attila; REIHMAN, Eli; WALKER, Tomas C.  
 (74) FB Rice Pty Ltd

(71) Drone Go Home, LLC  
 (11) AU-A-2022263468  
 (21) 2022263468 (22) 31.10.2022  
 (54) Drone Defense System  
 (51) Int. Cl.  
     **G08G 5/00** ( 2006.01 )  
     **G01C 21/00** ( 2006.01 )  
     **G01S 1/00** ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2016359607  
 (72) Ziemba, Linda J.; Ziemba, Dennis J.; Sinatra, Taylor J.; Gao, Ziang  
 (74) Eagar & Associates Pty Ltd

(71) Duke University  
 (11) AU-A-2022246480  
 (21) 2022246480 (22) 09.10.2022  
 (54) Lasofoxifene treatment of ER+ breast cancer  
 (51) Int. Cl.  
     **A61K 31/40** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **A61P 35/04** ( 2006.01 )

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 (62) 2017360365  
 (72) Andreano, Kaitlyn; Chang, Ching-Yi; McDonnell, Donald P.; Gaillard, Stephanie L.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) E. I. DU PONT DE NEMOURS AND COMPANY  
 (11) AU-A-2022259849  
 (21) 2022259849 (22) 28.10.2022  
 (54) TRANSESTERIFIED FURAN BASED POLYESTERS AND ARTICLES MADE THEREFROM  
 (51) Int. Cl.  
 C08L 67/02 ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2020294272  
 (72) BRUN, Yefim; CASTAGNA, Alicia Marie; LIAO, Ken-Hsuan; NEDERBERG, Fredrik; FORRESTER MCCORD, Elizabeth; RASMUSSEN, Christopher John  
 (74) Oxygene IP

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(71) Ecochem Australia Pty Ltd  
 (11) AU-A-2021221845  
 (21) 2021221845 (22) 25.08.2021  
 (54) Sanitising Systems and Methods  
 (51) Int. Cl.  
 A61L 2/22 ( 2006.01 )  
 A01N 37/02 ( 2006.01 )  
 A01N 47/44 ( 2006.01 )  
 A61L 101/36 ( 2006.01 )  
 (31) 63/189,742 (32) 18.05.21 (33) US  
 (43) 08.12.2022  
 (72) Literski, Geoff; Campbell, David  
 (74) mdp Patent and Trade Mark Attorneys

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(71) Editas Medicine, Inc.  
 (11) AU-A-2022259838  
 (21) 2022259838 (22) 28.10.2022  
 (54) CRISPR/CAS-related methods and compositions for improving transplantation  
 (51) Int. Cl.  
 C12N 15/11 ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2016276702  
 (72) Gori, Jennifer Leah; Wang, Tongyao; Jayaram, Hariharan; O'Donnell, Penrose  
 (74) Davies Collison Cave Pty Ltd

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(71) Enatel Limited  
 (11) AU-A-2022263566  
 (21) 2022263566 (22) 04.11.2022  
 (54) Load Balancing  
 (51) Int. Cl.  
 H02J 3/26 ( 2006.01 )  
 H02J 3/28 ( 2006.01 )  
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 (43) 08.12.2022  
 (62) 2020203025  
 (72) WYMA, Murray Raymond  
 (74) James & Wells Intellectual Property

(71) ENEOS Corporation  
 (11) AU-A-2022259860  
 (21) 2022259860 (22) 28.10.2022  
 (54) Method For Diagnosing Fault In Pressure Gauge Of Hydrogen Charging System, And Method For Calibrating Pressure Gauge Of Hydrogen Charging System  
 (51) Int. Cl.  
 F17C 13/02 ( 2006.01 )  
 F17C 5/06 ( 2006.01 )  
 H01M 8/00 ( 2016.01 )  
 H01M 8/04 ( 2016.01 )  
 H01M 8/0606 ( 2016.01 )  
 (43) 08.12.2022  
 (62) 2019246446  
 (72) FUKUNAGA, Akihiko  
 (74) WRAYS PTY LTD

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(71) Epizyme, Inc.  
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 (21) 2022263523 (22) 03.11.2022  
 (54) EZH2 INHIBITORS FOR TREATING LYMPHOMA  
 (51) Int. Cl.  
 A61K 31/5377 ( 2006.01 )  
 A61K 31/4412 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2020244382  
 (72) Keilhack, Heike  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Expro North Sea Limited  
 (11) AU-A-2022203371  
 (21) 2022203371 (22) 18.05.2022  
 (54) Control system for a well control device  
 (51) Int. Cl.  
 E21B 33/064 ( 2006.01 )  
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 (31) 2107147.7 (32) 19.05.21 (33) GB  
 (43) 08.12.2022  
 (72) MANETT, Kris; DRUMMOND WALKER, Jamie  
 (74) Spruson & Ferguson

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(71) F. Hoffmann-La Roche AG  
 (11) AU-A-2022262918  
 (21) 2022262918 (22) 31.10.2022  
 (54) Humanized anti-human CD19 antibodies and methods of use  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2016333511  
 (72) GEORGES, Guy; MOESSNER, Ekkehard; LARIVIERE, Laurent; HAAS, Alexander; KETTENBERGER, Hubert; FERRARA KOLLER, Claudia; SCHLOTHAUER, Tilman; MOLHOJ, Michael  
 (74) Spruson & Ferguson

(71) Facade Solutions Pty Ltd  
 (11) AU-A-2022203316  
 (21) 2022203316 (22) 17.05.2022  
 (54) A LOUVRE WINDOW AND METHOD OF INSTALLATION  
 (51) Int. Cl.  
 E06B 7/096 ( 2006.01 )  
 E05F 15/603 ( 2015.01 )  
 E06B 1/60 ( 2006.01 )  
 (31) 2021901482 (32) 18.05.21 (33) AU  
 (43) 08.12.2022  
 (72) O'Brien, John  
 (74) Adams Pluck

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(71) Facade Solutions Pty Ltd  
 (11) AU-A-2022203317  
 (21) 2022203317 (22) 17.05.2022  
 (54) A LOUVRE WINDOW  
 (51) Int. Cl.  
 E06B 7/098 ( 2006.01 )  
 E06B 7/14 ( 2006.01 )  
 (31) 2021901483 (32) 18.05.21 (33) AU  
 (43) 08.12.2022  
 (72) O'Brien, John  
 (74) Adams Pluck

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(71) Facade Solutions Pty Ltd  
 (11) AU-A-2022203318  
 (21) 2022203318 (22) 17.05.2022  
 (54) A LOUVRE WINDOW AND METHOD OF INSTALLATION IN A CURTAIN WALL  
 (51) Int. Cl.  
 E06B 7/096 ( 2006.01 )  
 E05F 15/603 ( 2015.01 )  
 E06B 7/23 ( 2006.01 )  
 E04B 2/96 ( 2006.01 )  
 (31) 2021901484 (32) 18.05.21 (33) AU  
 (43) 08.12.2022  
 (72) O'Brien, John  
 (74) Adams Pluck

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(71) Faubert, J.  
 (11) AU-A-2022259843  
 (21) 2022259843 (22) 28.10.2022  
 (54) Perceptual-Cognitive-Motor Learning System and Method  
 (51) Int. Cl.  
 G09B 5/00 ( 2006.01 )  
 A61B 5/16 ( 2006.01 )  
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 (43) 08.12.2022  
 (62) 2020227070  
 (72) Faubert, Jocelyn; Castonguay, Jean  
 (74) IP SOLVED (ANZ) PTY. LTD.

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(71) Filtercorp International Limited  
 (11) AU-A-2022263487  
 (21) 2022263487 (22) 01.11.2022  
 (54) IMPROVEMENTS IN OR FOR FILTRATION SYSTEMS  
 (51) Int. Cl.  
 B01D 46/04 ( 2006.01 )  
 B01D 29/11 ( 2006.01 )  
 F24F 13/28 ( 2006.01 )

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 (72) MCPHEAT, Kevin Harold  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2021221441  
 (21) 2021221441 (22) 24.08.2021  
 (54) HEADGEAR FOR A PATIENT INTER-FACE  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
*A41D 13/11* ( 2006.01 )  
*B32B 5/26* ( 2006.01 )  
*B32B 37/04* ( 2006.01 )  
 (31) 63/201938 (32) 19.05.21 (33) US  
 (43) 08.12.2022

(72) Fan, Andrew Chun Mon; Hammer, Jer-  
 oen; Walls, Bruce Michael; Freestone,  
 Paul Mathew; Hipolito, Chris Onin Limp-  
 in  
 (74) Flint Intellectual Property Limited

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2022263469  
 (21) 2022263469 (22) 31.10.2022  
 (54) SENSING FOR RESPIRATORY CIR-  
 CUISTS  
 (51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2017300912

(72) Petrochenko, Anton; Yan, Chenjie;  
 Tonkin, Paul James; Liu, Po-Yen;  
 Javed, Salman Mansoor; Seekup, Peter  
 Alan  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2022263547  
 (21) 2022263547 (22) 03.11.2022  
 (54) MEDICAL TUBES AND METHODS OF  
 MANUFACTURE  
 (51) Int. Cl.  
*A61M 16/08* ( 2006.01 )  
*A61M 39/08* ( 2006.01 )

(43) 08.12.2022  
 (62) 2020203451  
 (72) Graham, Peter Kenneth; Garcia, Enrico  
 Alvarez; Sims, David John  
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2022268281  
 (21) 2022268281 (22) 07.11.2022  
 (54) APPARATUS FOR USE IN A RESPIR-  
 ATORY SUPPORT SYSTEM  
 (51) Int. Cl.  
*A61M 16/08* ( 2006.01 )  
*A61M 16/06* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )

(43) 08.12.2022  
 (62) 2021201712  
 (72) Holyoake, Bruce Gordon; Oldfield,  
 Samantha Dale; Evans, Alicia Jer-  
 ram Hunter; Spence, Callum James  
 Thomas; White, Craig Karl; Cheung,

Dexter Chi Lun; Payton, Matthew Jon;  
 Barraclough, Michael Robert; Smith,  
 Daniel John; Powell, Kevin Blake  
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE  
 LIMITED  
 (11) AU-A-2022263567  
 (21) 2022263567 (22) 04.11.2022  
 (54) IMPELLER AND MOTOR ASSEMBLY  
 (51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2020202826  
 (72) BOTHMA, Johannes Nicolaas; BENT,  
 Scott; DARBY, Adam John  
 (74) AJ PARK

(71) FOOKS, R.  
 (11) AU-A-2022203373  
 (21) 2022203373 (22) 18.05.2022  
 (54) Vented Skylight Diffuser  
 (51) Int. Cl.  
*E04D 13/03* ( 2006.01 )  
*E04D 13/035* ( 2006.01 )  
*F21S 8/02* ( 2006.01 )  
*F21S 11/00* ( 2006.01 )  
*F21V 21/04* ( 2006.01 )  
*F21V 33/00* ( 2006.01 )  
 (31) 2021901476 (32) 18.05.21 (33) AU  
 (43) 08.12.2022

(72) FOOKS, Rodric Lindsay  
 (74) Wallington-Dummer

(71) FORTESCUE FUTURE INDUSTRIES  
 PTY LTD  
 (11) AU-A-2021215184  
 (21) 2021215184 (22) 11.08.2021  
 (54) Apparatus and process for producing  
 iron  
 (51) Int. Cl.  
*C25C 1/06* ( 2006.01 )  
*C25C 7/06* ( 2006.01 )  
*C22B 5/00* ( 2006.01 )  
 (31) 2021901547 (32) 24.05.21 (33) AU  
 (43) 08.12.2022

(72) KOLODZIEJCZYK, Bartłomiej Piotr;  
 WINTHER-JENSEN, Bjorn  
 (74) Davies Collison Cave Pty Ltd

(71) Genmab A/S  
 (11) AU-A-2022259847  
 (21) 2022259847 (22) 28.10.2022  
 (54) AXL-specific antibody-drug conjugates  
 for cancer treatment  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

(43) 08.12.2022  
 (62) 2016292762  
 (72) Boshuizen, Julia; Jacobsen, Kirstine;  
 Breij, Esther; Koopman, Louise; Satijn,  
 David; Van Den Brink, Edward; Verzijl,  
 Dennis; De Jong, Rob; Van Dijkhuizen  
 Radersma, Riemke; Peeper, Daniel;  
 Ditzel, Henrik Jørn; Parren, Paul  
 (74) Griffith Hack

(71) Globaltech Corporation Pty Ltd  
 (11) AU-A-2022263521  
 (21) 2022263521 (22) 02.11.2022  
 (54) Improvements to downhole surveying  
 and core sample orientation systems,  
 devices and methods  
 (51) Int. Cl.  
*E21B 25/16* ( 2006.01 )  
*E21B 47/02* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2021201116  
 (72) HEJLEH, Khaled; STEWART, Gordon;  
 WILKINSON, Brett James; KLASS, Mi-  
 chael Alan; ANWAR, Johan  
 (74) Westmark IP

(71) Green, J.  
 (11) AU-A-2022203354  
 (21) 2022203354 (22) 18.05.2022  
 (54) System for monitoring particle contam-  
 ination in power pressure systems  
 (51) Int. Cl.  
*G08B 21/18* ( 2006.01 )  
*G01N 15/06* ( 2006.01 )  
 (31) 17/746,566 (32) 17.05.22 (33) US  
 63/190,048 18.05.21 US  
 (43) 08.12.2022  
 (72) GREEN, Jason Eric  
 (74) Spruson & Ferguson

(71) Green Spot Technologies SAS  
 (11) AU-A-2022263502  
 (21) 2022263502 (22) 02.11.2022  
 (54) A process and composition for an im-  
 proved flour product  
 (51) Int. Cl.  
*A23L 19/00* ( 2016.01 )  
*A21D 13/06* ( 2017.01 )  
*A23L 7/104* ( 2016.01 )

(43) 08.12.2022  
 (62) 2017367535  
 (72) Villas Boas, Silas Granato; Granucci,  
 Ninna  
 (74) Griffith Hack

(71) Grivakis, T.  
 (11) AU-A-2022203483  
 (21) 2022203483 (22) 23.05.2022  
 (54) An Adjustable Exercise Apparatus  
 (51) Int. Cl.  
*A63B 23/12* ( 2006.01 )  
*A63B 21/00* ( 2006.01 )  
*A63B 21/06* ( 2006.01 )  
 (31) 2021901516 (32) 21.05.21 (33) AU  
 2021902768 25.08.21 AU  
 (43) 08.12.2022  
 (72) Grivakis, Theo  
 (74) LESICAR MAYNARD ANDREWS PTY  
 LTD

(71) Hemanext Inc.  
 (11) AU-A-2022259846  
 (21) 2022259846 (22) 28.10.2022

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(54) METHODS FOR MANAGING ADVERSE EVENTS IN PATIENT POPULATIONS REQUIRING TRANSFUSION

(51) Int. Cl.  
**A61M 1/36** ( 2006.01 )  
**A61K 35/14** ( 2015.01 )  
**A61M 1/38** ( 2006.01 )  
**A61P 7/08** ( 2006.01 )

(43) 08.12.2022  
(62) 2017281514  
(72) D'ALESSANDRO, Angelo; CORDERO, Rafael; DUNHAM, Andrew; KEEGAN, Philip; YOSHIDA, Tatsuro  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Hemanext Inc.  
(11) AU-A-2022263500  
(21) 2022263500 (22) 02.11.2022  
(54) ANAEROBIC BLOOD STORAGE CONTAINERS

(51) Int. Cl.  
**A61J 1/05** ( 2006.01 )  
(43) 08.12.2022  
(62) 2020203650  
(72) Yoshida, Tatsuro; Cordero, Rafael; Sarita, Jancarlo; Zocchi, Michael; Wolf, Michael; Keegan, Philip Michael; Renganathan, Narendran; Sutton, Jeffrey Karl  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Henchman Group Pty Ltd  
(11) AU-A-2022202082  
(21) 2022202082 (22) 28.03.2022  
(54) Item Inventory Management Apparatus, and a System and Method of Manufacturing thereof  
(51) Int. Cl.  
**A47B 88/994** ( 2017.01 )  
**A47B 88/40** ( 2017.01 )  
**B25H 3/02** ( 2006.01 )  
**G06K 7/10** ( 2006.01 )  
**G06K 9/62** ( 2022.01 )  
**G06Q 10/08** ( 2012.01 )  
(31) 2021901515 (32) 21.05.21 (33) AU  
(43) 08.12.2022  
(72) CHAMBERS, Alisdair John  
(74) Caska Intellectual Property Pty Ltd

(71) HGCI, Inc.  
(11) AU-A-2022263486  
(21) 2022263486 (22) 01.11.2022  
(54) HEAT SINK FOR LIGHT FIXTURE FOR INDOOR GROW APPLICATION  
(51) Int. Cl.  
**F21V 29/50** ( 2015.01 )  
(43) 08.12.2022  
(62) 2021240251  
(72) CAI, Dengke  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) HIT TEKK PTY LTD  
(11) AU-A-2021221661  
(21) 2021221661 (22) 25.08.2021

(54) A SENSOR-ENABLED PLATFORM CONFIGURED TO MEASURE ATHLETIC ACTIVITY

(51) Int. Cl.  
**A63B 24/00** ( 2006.01 )  
**A63B 65/06** ( 2006.01 )  
**G01L 5/00** ( 2006.01 )  
**G01G 3/13** ( 2006.01 )  
**G01L 5/162** ( 2020.01 )

(31) 2021901479 (32) 18.05.21 (33) AU  
(43) 08.12.2022  
(72) Graham, Mat  
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) Howmedica Osteonics Corp.  
(11) AU-A-2022263534  
(21) 2022263534 (22) 03.11.2022  
(54) Shoulder prosthesis components and assemblies

(51) Int. Cl.  
**A61F 2/40** ( 2006.01 )  
(43) 08.12.2022  
(62) 2021250994  
(72) DERANSART, Pierrick; BADE, Christopher K.; SLONE, William J.; BALL, Robert J.; WALCH, Gilles; BOILEAU, Pascal; ATHWAL, George S.; WARNER, Jon J. P.; TASHJIAN, Robert Z.; KEENER, Jay D.; GARGAC, Shawn M.; MUTCHLER, Austin Wyatt; STUMP, David R.; WOLFE, Alexander Paul; KNOX, Kevin P.  
(74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
(11) AU-A-2022263516  
(21) 2022263516 (22) 02.11.2022  
(54) METHOD FOR DISPLAYING CURRENT GEOGRAPHICAL LOCATION ON EMERGENCY CALL SCREEN AND TERMINAL  
(51) Int. Cl.  
**H04W 4/02** ( 2018.01 )  
(43) 08.12.2022  
(62) 2021200254  
(72) Qi, Ning; Cao, Shiyong  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) iBasis, Inc.  
(11) AU-A-2022263450  
(21) 2022263450 (22) 31.10.2022  
(54) Internet of things services architecture  
(51) Int. Cl.  
**H04W 8/18** ( 2009.01 )  
**H04W 8/00** ( 2009.01 )  
(43) 08.12.2022  
(62) 2018292539  
(72) XU, Richard H.; YURCHENKO, Vitaliy G.; JOSEPH, Ajay; PELLEGRINI, Richard M.  
(74) Davies Collision Cave Pty Ltd

(71) IGT  
(11) AU-A-2022203433  
(21) 2022203433 (22) 20.05.2022

(54) SECURE FUNDING AND PAYOUT OF CRYPTOGRAPHIC CURRENCY FROM FIAT CURRENCY PURCHASES

(51) Int. Cl.  
**G06Q 20/36** ( 2012.01 )  
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(51) Int. Cl.  
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**A61K 39/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
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**A61K 31/4155** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**E01F 9/60** ( 2016.01 )  
**E01F 9/623** ( 2016.01 )  
**E04H 12/00** ( 2006.01 )  
**E04H 12/02** ( 2006.01 )  
**E04H 12/08** ( 2006.01 )  
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**C07D 401/14** ( 2006.01 )  
**A61K 31/64** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 15/00** ( 2006.01 )  
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**H04W 48/16** ( 2009.01 )  
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- (51) Int. Cl.  
**H04W 48/16** ( 2009.01 )  
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**A61P 27/04** ( 2006.01 )  
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**F01N 3/18** ( 2006.01 )  
**F02D 41/08** ( 2006.01 )  
**F02D 41/16** ( 2006.01 )  
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**E21B 10/48** ( 2006.01 )  
**E21B 10/56** ( 2006.01 )  
**E21B 27/00** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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**G02B 5/08** ( 2006.01 )  
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**G02B 5/124** ( 2006.01 )  
**G02B 5/18** ( 2006.01 )  
**G02B 6/00** ( 2006.01 )  
**G02B 6/10** ( 2006.01 )  
**G02B 13/24** ( 2006.01 )  
**H04J 14/00** ( 2006.01 )  
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(71) Lyteloop Technologies, LLC  
 (11) AU-A-2022263504  
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 (51) Int. Cl.  
**H01S 3/13** ( 2006.01 )  
**H01S 3/05** ( 2006.01 )  
**H01S 3/067** ( 2006.01 )

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**(71)** Macquarie University  
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**(54)** Direction of arrival estimation  
**(51)** Int. Cl.  
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**(71)** Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft  
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**(54)** Enhanced sleeping beauty transposons, kits and methods of transposition  
**(51)** Int. Cl.  
*C12N 15/90* ( 2006.01 )  
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**(51)** Int. Cl.  
*H01L 27/146* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
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*H01L 21/8238* ( 2006.01 )  
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**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** ModernaTX, Inc.  
**(11)** AU-A-2022252803  
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**(54)** Polynucleotides encoding tethered interleukin-12 (IL12) polypeptides and uses thereof  
**(51)** Int. Cl.  
*C07K 14/54* ( 2006.01 )  
*A61K 38/20* ( 2006.01 )  
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**(54)** Compositions and methods for delivery of therapeutic agents  
**(51)** Int. Cl.  
*A61K 9/127* ( 2006.01 )  
*A61K 9/133* ( 2006.01 )  
*A61K 31/7088* ( 2006.01 )  
*C12N 15/88* ( 2006.01 )  
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**(74)** RnB IP Pty Ltd

**(71)** Munters Corporation  
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**(54)** Direct Evaporative Cooling System with precise temperature control  
**(51)** Int. Cl.  
*F24F 13/14* ( 2006.01 )  
*F24F 13/08* ( 2006.01 )  
*F24F 13/10* ( 2006.01 )  
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**(74)** Intelpro Patent & Trade Mark Attorneys

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**(54)** Method And System For Distributed Data Storage With Enhanced Security, Resilience, And Control  
**(51)** Int. Cl.  
*G06F 16/16* ( 2019.01 )  
*G06F 15/16* ( 2006.01 )  
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*H04L 9/06* ( 2006.01 )  
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**(74)** WRAYS PTY LTD

**(71)** Naber Holding GmbH & Co.  
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**(54)** AN AIR DUCT AND AN ASSEMBLY FOR A FUME EXTRACTION HOOD  
**(51)** Int. Cl.  
*F24F 13/02* ( 2006.01 )  
*F16L 9/02* ( 2006.01 )  
*F16L 9/12* ( 2006.01 )  
*F16L 23/12* ( 2006.01 )  
*F24C 15/20* ( 2006.01 )  
**(31)** 10 2021 113 247.9 **(32)** 21.05.21 **(33)** DE

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**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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**(51)** Int. Cl.  
*F24F 13/24* ( 2006.01 )  
*F16L 55/033* ( 2006.01 )  
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**(51)** Int. Cl.  
*E04F 17/04* ( 2006.01 )  
*E21F 1/00* ( 2006.01 )  
*F16L 43/00* ( 2006.01 )  
*F24C 15/20* ( 2006.01 )  
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**(11)** AU-A-2022202674  
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**(54)** PIPE BEND FOR AN EXHAUST AIR DUCT OF A FUME-EXTRACTION HOOD  
**(51)** Int. Cl.  
*E04F 17/04* ( 2006.01 )  
*F15D 1/04* ( 2006.01 )  
*F16L 43/00* ( 2006.01 )  
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**(54)** PIPE CONNECTOR AND AN ASSEMBLY OF A PIPE CONNECTOR WITH AT LEAST TWO PIPES  
**(51)** Int. Cl.  
*F16L 21/03* ( 2006.01 )  
*F16L 17/025* ( 2006.01 )  
*F16L 27/12* ( 2006.01 )  
*F16L 37/12* ( 2006.01 )  
*F16L 47/18* ( 2006.01 )  
**(31)** 10 2021 113 246.0 **(32)** 21.05.21 **(33)** DE

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 (72) Naber, Hans-Joachim  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2022203228 (22) 13.05.2022  
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 (51) Int. Cl.  
*F15D 1/04* ( 2006.01 )  
*F16L 43/00* ( 2006.01 )  
 (31) 10 2021 113 234.7 (32) 21.05.21 (33) DE  
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 (72) Naber, Hans-Joachim  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Nanjing Movelas Technology Co., Ltd.  
 (11) AU-A-2022263477  
 (21) 2022263477 (22) 01.11.2022  
 (54) WIND FIELD INFORMATION MEASUREMENT METHOD AND NA-CELLE-BASED LIDAR  
 (51) Int. Cl.  
*G01S 17/95* ( 2006.01 )  
*G01S 17/32* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2018451571  
 (72) ZHOU, Jun; XIAO, Zengli; ZHU, Hailong; TANG, Anqing  
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 (11) AU-A-2022259830  
 (21) 2022259830 (22) 28.10.2022  
 (54) Particle Comprising at Least One Ferromagnetic or Ferromagnetic Iron Oxide Nanoparticle Associated with at Least One Compound for Medical Or Cosmetic Use  
 (51) Int. Cl.  
*G01N 33/52* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*C09K 11/00* ( 2006.01 )  
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 (62) 2016342477  
 (72) Alphandèry, Edouard; Chebbi, Imène  
 (74) FB Rice Pty Ltd

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 (11) AU-A-2022202065  
 (21) 2022202065 (22) 25.03.2022  
 (54) SONAR STEERING SYSTEMS AND ASSOCIATED METHODS  
 (51) Int. Cl.  
*G01S 15/66* ( 2006.01 )  
*B63B 49/00* ( 2006.01 )  
*B63H 25/24* ( 2006.01 )  
*G01S 15/42* ( 2006.01 )  
*G01S 15/50* ( 2006.01 )  
*G01S 15/89* ( 2006.01 )  
*G01S 15/96* ( 2006.01 )  
 (31) 17/326,409 (32) 21.05.21 (33) US

(43) 08.12.2022  
 (72) CRAWFORD, Christopher D.; CASPALL, Jayme  
 (74) AJ PARK

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 (11) AU-A-2022203017  
 (21) 2022203017 (22) 05.05.2022  
 (54) STEERING ASSEMBLIES AND ASSOCIATED METHODS  
 (51) Int. Cl.  
*G01S 15/66* ( 2006.01 )  
*G01S 15/06* ( 2006.01 )  
*G05D 1/02* ( 2020.01 )  
*G05D 3/00* ( 2006.01 )  
*G05D 3/12* ( 2006.01 )  
 (31) 17/326,409 (32) 21.05.21 (33) US  
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 (72) COMBS, Neal; CLARK, Jeremiah D.; CRAWFORD, Christopher D.; CASPALL, Jayme  
 (74) AJ PARK

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 (11) AU-A-2022203157  
 (21) 2022203157 (22) 11.05.2022  
 (54) SONAR TILT ANGLE CONTROL STEERING DEVICE  
 (51) Int. Cl.  
*G01S 7/521* ( 2006.01 )  
*B63B 49/00* ( 2006.01 )  
*G01S 7/52* ( 2006.01 )  
*G01S 7/56* ( 2006.01 )  
*G01S 15/88* ( 2006.01 )  
*G01S 15/89* ( 2006.01 )  
*G01S 15/96* ( 2006.01 )  
 (31) 17/326,409 (32) 21.05.21 (33) US  
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 (43) 08.12.2022  
 (72) PENDERGRAFT, Dustyn P.; CRAWFORD, Christopher D.; CASPALL, Jayme  
 (74) AJ PARK

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(71) NAVICO HOLDING AS  
 (11) AU-A-2022263451  
 (21) 2022263451 (22) 31.10.2022  
 (54) SYSTEMS AND METHODS FOR CONTROLLING OPERATIONS OF MARINE VESSELS  
 (51) Int. Cl.  
*G05D 1/02* ( 2020.01 )  
*B63B 49/00* ( 2006.01 )  
 (43) 08.12.2022  
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 (72) SNYDER, Kristopher C.; SCHROEDER, Jeremy J.; KASTE, Michael C.  
 (74) AJ PARK

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 (11) AU-A-2022263460  
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 (54) CRF1 receptor antagonists for the treatment of congenital adrenal hyperplasia  
 (51) Int. Cl.

*A61K 31/427* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2020207774  
 (72) Grigoriadis, Dimitri E.  
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 (21) 2022259839 (22) 28.10.2022  
 (54) Thing machine systems and methods  
 (51) Int. Cl.  
*G06N 3/00* ( 2006.01 )  
*G06N 5/02* ( 2006.01 )  
*G06N 5/04* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2017370908  
 (72) Northrup, Charles  
 (74) AJ PARK

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(71) Norton (Waterford) Limited  
 (11) AU-A-2022263489  
 (21) 2022263489 (22) 01.11.2022  
 (54) Drug delivery device with electronics  
 (51) Int. Cl.  
*A61M 15/00* ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2017361878  
 (72) CALDERON OLIVERAS, Enrique; LEWIS, Carl L.; COTTON, Symon D'Oyly; GARDNER, Steven D.; KIVLIN, Robert O.  
 (74) Spruson & Ferguson

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(71) NVIDIA Corporation  
 (11) AU-A-2022203405  
 (21) 2022203405 (22) 19.05.2022  
 (54) Extending supervision using machine learning  
 (51) Int. Cl.  
*G06N 3/02* ( 2006.01 )  
*G06F 40/20* ( 2020.01 )  
 (31) 17/324,653 (32) 19.05.21 (33) US  
 (43) 08.12.2022  
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 (74) Davies Collision Cave Pty Ltd

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(71) PayPal, Inc.  
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 (54) Automated data tokenization through networked sensors  
 (51) Int. Cl.  
*G06Q 20/32* ( 2012.01 )  
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 (72) Sarin, Pankaj  
 (74) FPA Patent Attorneys Pty Ltd

(71) Peter MacCallum Cancer Institute  
 (11) AU-A-2022263573  
 (21) 2022263573 (22) 04.11.2022  
 (54) Bispecific polypeptides for engagement of CAR expressing immune cells with antigen presenting cells and uses thereof  
 (51) Int. Cl.  
     **C07K 16/28** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
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 (43) 08.12.2022  
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 (72) Kershaw, Michael; Slaney, Clare; Von Scheidt, Bianca  
 (74) FPA Patent Attorneys Pty Ltd

(71) President and Fellows of Harvard College  
 (11) AU-A-2022263471  
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 (54) Small molecules for mouse satellite cell proliferation  
 (51) Int. Cl.  
     **A61K 31/553** ( 2006.01 )  
     **A61K 31/56** ( 2006.01 )  
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 (21) 2022263503 (22) 02.11.2022  
 (54) Compositions and methods for detecting and treating gastric cancer  
 (51) Int. Cl.  
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     **C07K 16/26** ( 2006.01 )  
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 (72) PRIEUR, Alexandre  
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(71) Prysmian S.p.A.  
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 (54) Fiber optic cable dispensing kit  
 (51) Int. Cl.  
     **B65D 5/06** ( 2006.01 )  
     **B65D 85/67** ( 2006.01 )  
     **B65H 16/02** ( 2006.01 )  
     **G02B 6/36** ( 2006.01 )  
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 (72) LE DISSEZ, Arnaud; FERRER, Jean Paul  
 (74) Davies Collison Cave Pty Ltd

(71) Rani Therapeutics, LLC  
 (11) AU-A-2022263569  
 (21) 2022263569 (22) 04.11.2022  
 (54) Swallowable drug delivery device and methods of drug delivery  
 (51) Int. Cl.  
     **A61K 9/52** ( 2006.01 )  
     **A61M 29/02** ( 2006.01 )  
     **A61M 31/00** ( 2006.01 )  
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 (72) Imran, Mir  
 (74) FPA Patent Attorneys Pty Ltd

(71) Repiper AB  
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 (21) 2022203404 (22) 19.05.2022  
 (54) Liner Arrangement For Inserting in a Pipe Structure, and Method For Relining a Pipe Structure  
 (51) Int. Cl.  
     **F16L 55/179** ( 2006.01 )  
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     **F16L 55/165** ( 2006.01 )  
     **F16L 55/18** ( 2006.01 )  
 (31) 2021901501 (32) 19.05.21 (33) AU  
 (43) 08.12.2022  
 (72) STOCKFORS, JESPER  
 (74) Griffith Hack

(71) RUTS PLUS LIMITED  
 (11) AU-A-2022203393  
 (21) 2022203393 (22) 19.05.2022  
 (54) A ground working apparatus  
 (51) Int. Cl.  
     **A01B 59/04** ( 2006.01 )  
     **A01B 5/04** ( 2006.01 )  
     **A01B 63/24** ( 2006.01 )  
     **B60D 1/48** ( 2006.01 )  
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     **B60D 1/00** ( 2006.01 )  
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     **E02F 3/76** ( 2006.01 )  
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 (72) Smail, Rodger  
 (74) Remarkable IP

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 (54) ELECTRICAL PROTECTION DEVICE  
 (51) Int. Cl.  
     **H01H 3/32** ( 2006.01 )  
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 (72) Pupin, Thomas  
 (74) Madderns Pty Ltd

(71) Scientific Games, LLC  
 (11) AU-A-2022203312  
 (21) 2022203312 (22) 17.05.2022  
 (54) Lottery Ticket Dispensing Method and System with Additional Purchase Recommendation Capability  
 (51) Int. Cl.  
     **G07F 17/32** ( 2006.01 )  
     **A63F 3/06** ( 2006.01 )  
     **G06Q 30/02** ( 2012.01 )  
     **G07C 15/00** ( 2006.01 )  
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 (74) GLMR

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 (21) 2022203314 (22) 17.05.2022  
 (54) Lottery Ticket Dispensing Method and System with Additional Purchase Recommendation Capability  
 (51) Int. Cl.  
     **G07F 17/32** ( 2006.01 )  
     **A63F 3/06** ( 2006.01 )  
     **G06Q 30/02** ( 2012.01 )  
     **G07C 15/00** ( 2006.01 )  
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 (72) Rolfs, Susan Emily; Stover, Todd George; Kreider, Jacob Ezra; DiCroce, Richard Colin; Christensen, Kent D.  
 (74) GLMR

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 (54) Methods and devices for comparing objects  
 (51) Int. Cl.  
     **G06K 7/00** ( 2006.01 )  
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(71) Shaw Industries Group, Inc.  
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 (54) Layered composite articles and methods of making same  
 (51) Int. Cl.  
     **B32B 5/12** ( 2006.01 )  
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     **B32B 7/12** ( 2006.01 )  
     **B32B 21/00** ( 2006.01 )  
     **B32B 27/00** ( 2006.01 )  
     **B32B 27/02** ( 2006.01 )  
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 (74) Griffith Hack
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- (71) Shy Therapeutics LLC  
 (11) AU-A-2022263550  
 (21) 2022263550 (22) 03.11.2022  
 (54) Compounds that interact with the Ras superfamily for the treatment of cancers, inflammatory diseases, Rasopathies, and fibrotic disease  
 (51) Int. Cl.  
*C07D 495/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
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 (62) 2018288841  
 (72) HADARI, Yaron R.; CARTA, Luca; SCHMERTZLER, Michael; WILLIAMS, Theresa M.; REYNOLDS, Charles H.; HUTCHESON, Rebecca  
 (74) Spruson & Ferguson
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- (71) Sonos, Inc.  
 (11) AU-A-2022259837  
 (21) 2022259837 (22) 28.10.2022  
 (54) Systems and methods for networked music playback  
 (51) Int. Cl.  
*H04L 12/16* ( 2006.01 )  
*H04N 21/436* ( 2011.01 )
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 (72) COBURN, Arthur; HOADLEY, Joni  
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 (21) 2022203042 (22) 06.05.2022  
 (54) Capture probes and uses thereof  
 (51) Int. Cl.  
*C12Q 1/6844* ( 2018.01 )  
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*C12Q 1/6827* ( 2018.01 )
- (31) EP21175123.5 (32) 20.05.21 (33) EP  
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 (54) TRANSFER LEARNING IN IMAGE RECOGNITION SYSTEMS  
 (51) Int. Cl.  
*G06N 3/08* ( 2006.01 )  
*G06K 9/62* ( 2006.01 )

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 (72) Nejati, Alireza; Conder, Jonathan; Pages, Nathan  
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- (71) Spray Nozzle Engineering Pty Ltd  
 (11) AU-A-2022263481  
 (21) 2022263481 (22) 01.11.2022  
 (54) High-Pressure Sealing of Spray Nozzle Assemblies  
 (51) Int. Cl.  
*B05B 1/02* ( 2006.01 )  
*F16J 15/32* ( 2016.01 )
- (43) 08.12.2022  
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 (72) Morgan, Sean; Morgan, Stuart  
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 (11) AU-A-2022263517  
 (21) 2022263517 (22) 02.11.2022  
 (54) FUSION CAGE WITH INTEGRATED FIXATION AND INSERTION FEATURES  
 (51) Int. Cl.  
*A61F 2/44* ( 2006.01 )
- (43) 08.12.2022  
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 (72) MILLER, M. Todd; SHARIFI-MEHR, Amir Ali  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Syrx Environmental Pty Ltd  
 (11) AU-A-2021218195  
 (21) 2021218195 (22) 20.08.2021  
 (54) Container with Harvester System  
 (51) Int. Cl.  
*A01D 44/00* ( 2006.01 )  
*C02F 1/00* ( 2006.01 )  
*C02F 3/32* ( 2006.01 )
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 (72) Hadley, Simon Richard; Meney, Kathy Anne; Shipp, Andrew Raymond  
 (74) WRAYS PTY LTD
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- (71) Syrx Environmental Pty Ltd  
 (11) AU-A-2021218199  
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 (54) Container for Treating Contaminated Water  
 (51) Int. Cl.  
*C02F 3/32* ( 2006.01 )  
*C02F 1/00* ( 2006.01 )  
*A01G 9/02* ( 2018.01 )
- (31) 2021901542 (32) 24.05.21 (33) AU  
 (43) 08.12.2022  
 (72) Meney, Kathy Anne; Hadley, Simon Richard; Shipp, Andrew Raymond  
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 (54) SELF-CONTAINED PORTABLE POSITIONABLE OSCILLATING MOTOR ARRAY WITH STRAP TENSION SENSING ELEMENTS  
 (51) Int. Cl.  
*A61H 23/02* ( 2006.01 )  
*A41D 1/04* ( 2006.01 )  
*A61H 1/00* ( 2006.01 )  
*A61H 37/00* ( 2006.01 )
- (31) 17/328,523 (32) 24.05.21 (33) US  
 (43) 08.12.2022  
 (72) SHOCKLEY Jr., Harold David; MARCEK, Geoffrey Albert; ELLIS, Robert Wiley  
 (74) Griffith Hack
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- Teoh, W. see Lau, A.P.S.**  
 (21) 2021221744
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- (71) Terra CO2 Technology Holdings, Inc.  
 (11) AU-A-2022263528  
 (21) 2022263528 (22) 03.11.2022  
 (54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF  
 (51) Int. Cl.  
*C04B 7/44* ( 2006.01 )
- (43) 08.12.2022  
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 (72) Lake, Donald  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Terumo Cardiovascular Systems Corporation  
 (11) AU-A-2022203106  
 (21) 2022203106 (22) 10.05.2022  
 (54) PERFUSION MONITORING AND CONTROL SYSTEM  
 (51) Int. Cl.  
*G16H 40/60* ( 2018.01 )  
*A61B 5/145* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )
- (31) 17/325,397 (32) 20.05.21 (33) US  
 (43) 08.12.2022  
 (72) Matovina, Richard M.; Osborne, Suzanne  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) The Children's Hospital of Philadelphia  
 (11) AU-A-2022263568  
 (21) 2022263568 (22) 04.11.2022  
 (54) Method and apparatus for extracorporeal support of premature fetus  
 (51) Int. Cl.  
*A61G 11/00* ( 2006.01 )  
*A01N 1/02* ( 2006.01 )  
*A61G 10/00* ( 2006.01 )  
*A61G 10/02* ( 2006.01 )
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 (62) 2020286215  
 (72) FLAKE, Alan; DAVEY, Marcus  
 (74) Spruson & Ferguson

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 (21) 2022263537 (22) 03.11.2022  
 (54) MULTIVIRUS-SPECIFIC T CELL IMMUNOTHERAPY  
 (51) Int. Cl.  
**C12N 15/63** ( 2006.01 )  
**A61K 39/235** ( 2006.01 )  
**A61K 39/245** ( 2006.01 )  
**A61K 39/295** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07K 14/005** ( 2006.01 )  
**C12N 15/861** ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2017300096  
 (72) Khanna, Rajiv; Dasari, Vijayendra  
 (74) James & Wells Intellectual Property

**The First Engineering Co.,Ltd. of CTCE Group see China Tiesiju Civil Engineering Group Co., Ltd.**  
 (21) 2021435256

(71) The Insides Company Limited  
 (11) AU-A-2022263575  
 (21) 2022263575 (22) 04.11.2022  
 (54) NUTRIENT RECYCLING DEVICE  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**A61F 5/44** ( 2006.01 )  
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 (62) 2018349270  
 (72) BISSETT, Ian Peter; GREENSLADE, Mackenzie Liam; DAVIDSON, Robert Bruce; O'GRADY, Gregory Brian; DAVIDSON, John Bilkey  
 (74) AJ PARK

(71) The Trustee for SUTHERLAND TRUST  
 (11) AU-A-2022203460  
 (21) 2022203460 (22) 21.05.2022  
 (54) Fence Device  
 (51) Int. Cl.  
**E04H 17/10** ( 2006.01 )  
**E04H 17/00** ( 2006.01 )  
**E04H 17/02** ( 2006.01 )  
**E04H 17/04** ( 2006.01 )  
 (31) 2021901544 (32) 24.05.21 (33) AU  
 (43) 08.12.2022  
 (72) Sutherland, William  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) The Trustees of the University of Pennsylvania  
 (11) AU-A-2022263479  
 (21) 2022263479 (22) 01.11.2022  
 (54) Modified monocytes/macrophage expressing chimeric antigen receptors and uses thereof  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 35/14** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )

**C12N 5/078** ( 2010.01 )  
 (43) 08.12.2022  
 (62) 2016298229  
 (72) Gill, Saar; Klichinsky, Michael; June, Carl H.  
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Transportation IP Holdings, LLC  
 (11) AU-A-2022259834  
 (21) 2022259834 (22) 28.10.2022  
 (54) POSITIONING DATA VERIFICATION SYSTEM  
 (51) Int. Cl.  
**G01C 9/00** ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2019366249  
 (72) Loch, Mark Elliott; McClintic, Shawn Arthur  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Uber Technologies, Inc.  
 (11) AU-A-2022263461  
 (21) 2022263461 (22) 31.10.2022  
 (54) Automobile accident detection using machine learned model  
 (51) Int. Cl.  
**G08G 1/16** ( 2006.01 )  
**G08G 1/052** ( 2006.01 )  
 (43) 08.12.2022  
 (62) 2019274230  
 (72) Zhang, Yanwei; Wahba, Karim A.; Volk, Nikolaus Paul; Ozkaya, Gorkem  
 (74) FPA Patent Attorneys Pty Ltd

(71) University of Maryland, College Park; Silvec Biologics Inc.  
 (11) AU-A-2022203005  
 (21) 2022203005 (22) 04.05.2022  
 (54) Plant vectors, compositions and uses relating thereto  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
 (31) 63/191,654 (32) 21.05.21 (33) US  
 (43) 08.12.2022  
 (72) Simon, Anne Elizabeth; Xiao, Shunyu-uan; Yin, Jian; Yang, Stephen Xiaohua  
 (74) Davies Collison Cave Pty Ltd

(71) ViaSat, Inc.  
 (11) AU-A-2022263565  
 (21) 2022263565 (22) 04.11.2022  
 (54) Radio Frequency Loopback for Transceivers  
 (51) Int. Cl.  
**H04B 1/52** ( 2015.01 )  
 (43) 08.12.2022  
 (62) 2019215122  
 (72) BUER, Kenneth V.; DARAPU, Ramanamurthy V.; GIMERSKY, Martin; PETTIT, David E.; AGAR, Bill T.  
 (74) Adams Pluck

(71) Visual Physics, LLC; Crane Security Technologies, Inc.  
 (11) AU-A-2022263490  
 (21) 2022263490 (22) 01.11.2022  
 (54) An improved polymeric sheet material for use in making polymeric security documents such as banknotes  
 (51) Int. Cl.  
**B42D 25/324** ( 2014.01 )  
**B42D 25/351** ( 2014.01 )  
**B42D 25/355** ( 2014.01 )  
**B42D 25/373** ( 2014.01 )  
**B42D 25/425** ( 2014.01 )  
**B42D 25/43** ( 2014.01 )  
**B42D 25/455** ( 2014.01 )  
**B42D 25/46** ( 2014.01 )  
**B42D 25/47** ( 2014.01 )  
 (43) 08.12.2022  
 (62) 2020230332  
 (72) CAPE, Samuel M.; COTE, Paul F.; GOSNELL, Jonathan D.  
 (74) Spruson & Ferguson

(71) Voudouris, V.  
 (11) AU-A-2022263496  
 (21) 2022263496 (22) 02.11.2022  
 (54) Bendamustine Pharmaceutical Compositions  
 (51) Int. Cl.  
**A61K 31/4184** ( 2006.01 )  
**A01N 43/52** ( 2006.01 )  
 (43) 08.12.2022  
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 (72) Voudouris, Vasilios  
 (74) Vasilios Voudouris

**Wang, P. see Lau, A.P.S.**  
 (21) 2021221744

(71) Werner Co.  
 (11) AU-A-2022202767  
 (21) 2022202767 (22) 27.04.2022  
 (54) Ladder with Battery Power, and Methods  
 (51) Int. Cl.  
**E06C 7/14** ( 2006.01 )  
**E06C 1/14** ( 2006.01 )  
**H01M 50/20** ( 2021.01 )  
**H02B 1/06** ( 2006.01 )  
**H02B 1/36** ( 2006.01 )  
**H02B 1/48** ( 2006.01 )  
 (31) 63/191,758 (32) 21.05.21 (33) US  
 17/523,784 10.11.21 US  
 (43) 08.12.2022  
 (72) McAuliffe, Patrick; Parker, Thomas W.  
 (74) BOSH IP Pty Ltd

(71) Wwooptx S.L.  
 (11) AU-A-2022203080  
 (21) 2022203080 (22) 09.05.2022  
 (54) Method for depth estimation for a variable focus camera  
 (51) Int. Cl.  
**G06T 7/55** ( 2017.01 )  
**G06N 3/02** ( 2006.01 )  
 (31) 21382458.4 (32) 20.05.21 (33) EP

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(43) 08.12.2022

(72) SABATO, Ceruso; GARCIA, Ricardo  
Oliva; RAMOS, Jose Manuel Rodriguez

(74) BOSH IP Pty Ltd

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<b>2022202843</b>	Naber Holding GmbH & Co.	<b>2022263450</b>	iBasis, Inc.
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<b>C07D 223 /-</b> 2022263464	<b>C08L 21 /-</b> 2022263563	<b>E04B 2 /-</b> 2022203318	<b>E21B 47 /-</b> 2022263521	<b>F21V 21 /-</b> 2022203373	2022203157
<b>C07D 239 /-</b> 2022263464	<b>C08L 67 /-</b> 2022259849	<b>E04B 5 /-</b> 2022259853	<b>E21C 25 /-</b> 2022263532	<b>F21V 29 /-</b> 2022263486	2022263572
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<b>C07D 495 /-</b> 2022263550	2022275430	<b>E21B 10 /-</b> 2021206897	<b>F16L 55 /-</b> 2022202843	<b>G01L 5 /-</b> 2021221661	<b>G06F 40 /-</b> 2022203405
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<b>C07K 14 /-</b> 2022241594	<b>C25C 1 /-</b> 2021215184	<b>E21B 19 /-</b> 2021277751	<b>F16L 9 /-</b> 2022202754	<b>G01N 15 /-</b> 2022203354	2022202082
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 (11) AU-A-2022100166  
 (21) 2022100166 (22) 10.11.2022  
 (54) Watchbands with hook and loop fasteners  
 (51) Int. Cl.  
     **A44C 5/20** ( 2006.01 )  
     **A44C 5/00** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2020100243  
 (72) Shaffer, Benjamin A.; Hamada, Yoji; Hatanaka, Motohide; Chen, Hsiang-Hung; Shiraishi, Eiryō  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) TORQUE TUBE WITH PENTAGONAL CROSS-SECTION AND SOLAR STRUCTURE  
 (51) Int. Cl.  
     **H02S 20/32** ( 2014.01 )  
     **F24S 25/10** ( 2018.01 )  
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     F16M 11/10 ( 2006.01 )  
     F16M 11/16 ( 2006.01 )  
     F16M 11/18 ( 2006.01 )  
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 (45) 08.12.2022  
 (62) PCT/CN2021/104133  
 (72) NEILA JIMENEZ, Amos Adrian; WANG, Shitao; YANG, Ying; CHEN, Jingqiang; XIE, Yupei  
 (74) Madderns Pty Ltd

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 (11) AU-A-2022100170  
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 (51) Int. Cl.  
     **C12N 9/22** ( 2006.01 )  
     **C12N 15/90** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2017256517  
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 (54) Device and method for unattended treatment of a patient  
 (51) Int. Cl.

**A61N 1/32** ( 2006.01 )  
**A61B 18/20** ( 2006.01 )  
**A61N 1/04** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
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**A61H 9/00** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**A61N 5/067** ( 2006.01 )  
**A61N 7/00** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2021269187  
 (72) SCHWARZ, Tomás; JELÍNKOVÁ, Lucia  
 (74) Spruson & Ferguson

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(71) COS IPT Pty Ltd  
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 (54) APPARATUS FOR STORING ORGANIC MATERIAL  
 (51) Int. Cl.  
     **A22B 5/00** ( 2006.01 )  
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 (45) 08.12.2022  
 (62) 2016345054  
 (72) Staughton, Simon  
 (74) mdp Patent and Trade Mark Attorneys

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 (11) AU-A-2022100151  
 (21) 2022100151 (22) 28.10.2022  
 (54) EVICES AND COMPUTER TECHNOLOGY CONFIGURED TO ENABLE ENHANCED SIMULATED BICYCLE ACTIVITIES, FOR USE WITH A STATIONARY TRAINING SYSTEM  
 (51) Int. Cl.  
     **A63B 69/16** ( 2006.01 )  
     A63B 22/06 ( 2006.01 )  
     A63B 24/00 ( 2006.01 )  
     G09B 9/058 ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2021107652  
 (72) Simmonds, Tony  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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(71) K S Paterson Nominees Pty Ltd  
 (11) AU-A-2022100171  
 (21) 2022100171 (22) 14.11.2022  
 (54) Agricultural Tilling Assembly and Components  
 (51) Int. Cl.  
     **A01B 21/08** ( 2006.01 )  
     **A01B 7/00** ( 2006.01 )  
     **A01B 23/06** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2018321582  
 (72) PATERSON, Kentyn  
 (74) Argon IP Advisory Pty Ltd

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(71) K S Paterson Nominees Pty Ltd  
 (11) AU-A-2022100172  
 (21) 2022100172 (22) 14.11.2022  
 (54) Agricultural Tilling Assembly and Components  
 (51) Int. Cl.  
     **A01B 21/08** ( 2006.01 )  
     **A01B 7/00** ( 2006.01 )  
     **A01B 23/06** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2018321582  
 (72) PATERSON, Kentyn  
 (74) Argon IP Advisory Pty Ltd

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(71) K S Paterson Nominees Pty Ltd  
 (11) AU-A-2022100173  
 (21) 2022100173 (22) 14.11.2022  
 (54) Agricultural Tilling Assembly and Components  
 (51) Int. Cl.  
     **A01B 21/08** ( 2006.01 )  
     **A01B 7/00** ( 2006.01 )  
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 (45) 08.12.2022  
 (62) 2018321582  
 (72) PATERSON, Kentyn  
 (74) Argon IP Advisory Pty Ltd

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(71) Mine Site Technologies Pty Ltd  
 (11) AU-A-2022100168  
 (21) 2022100168 (22) 11.11.2022  
 (54) Telecommunication system and method, and components therefor  
 (51) Int. Cl.  
     **H04B 3/54** ( 2006.01 )  
     **H04B 3/56** ( 2006.01 )  
     **H04B 3/58** ( 2006.01 )  
     **H04M 11/00** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2017331808  
 (72) Snell, Christopher John  
 (74) Allens Patent & Trade Mark Attorneys

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(71) Tuffstuff International Pty Ltd  
 (11) AU-A-2022100160  
 (21) 2022100160 (22) 07.11.2022  
 (54) Roller Support Apparatus & Method  
 (51) Int. Cl.  
     **B65G 39/12** ( 2006.01 )  
     **B65G 39/02** ( 2006.01 )  
     **B65G 41/00** ( 2006.01 )  
 (45) 08.12.2022  
 (62) 2020203013  
 (72) Hofford, Graham Dean  
 (74) Caska Intellectual Property Pty Ltd

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- (71) Urban Electric Networks Ltd  
(11) AU-A-2022100165  
(21) 2022100165 (22) 10.11.2022  
(54) Electric vehicle charging station  
(51) Int. Cl.  
    *B60L 53/14* ( 2019.01 )  
    *B60L 53/31* ( 2019.01 )  
    *E04H 12/18* ( 2006.01 )  
(45) 08.12.2022  
(62) 2019265673  
(72) FREELING-WILKINSON, Olivier  
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<b>2022100168</b>	Mine Site Technologies Pty Ltd
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<b>2022100170</b>	BASF Plant Science Company GmbH
<b>2022100171</b>	K S Paterson Nominees Pty Ltd
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- . (\*\*) Title not given

<p>(71) 0798465 B.C. LTD                      (11) AU-A-2021330793                      (21) 2021330793 (22) 20.08.2021                      (54) Electrochemical hydroxide and carbon dioxide regeneration method and apparatus                      (51) Int. Cl.  <i>B01D 61/42</i> ( 2006.01 )  <i>C25B 1/02</i> ( 2006.01 )                      (87) WO2022/040784                      (31) 63/069,302 (32) 24.08.20 (33) US                      (43) 03.03.2022                      (72) OLOMAN, Colin                      (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(54) Concentrated solar energy collection, thermal storage, and power generation systems and methods with optional supplemental fuel production                      (51) Int. Cl.  <i>F24S 20/20</i> ( 2018.01 )  <i>F02C 1/05</i> ( 2006.01 )  <i>F03G 6/06</i> ( 2006.01 )                      (87) WO2021/202939                      (31) 63/092,486 (32) 15.10.20 (33) US                      63/004,463 02.04.20 US                      63/004,468 02.04.20 US                      (43) 07.10.2021                      (72) ANDERSON, Bruce N.; TREECE, William Dean; NASH, James S.; HAMRIN, Douglas A.                      (74) RnB IP Pty Ltd</p>	<p>(87) WO2021/216617                      (31) 63/012,789 (32) 20.04.20 (33) US                      (43) 28.10.2021                      (72) NUSCA, Tyler; KERS, Johan; WEINSTOCK, Matthew; SLIND, Michelle; DOERNER, Amy; CAMMARATA, Michael; WARD, Abigail                      (74) WRAYS PTY LTD</p>
<p>(71) 1QB Information Technologies Inc.                      (11) AU-A-2021285093                      (21) 2021285093 (22) 02.06.2021                      (54) Methods and systems for improving an estimation of a property of a quantum state                      (51) Int. Cl.  <i>G06N 10/00</i> ( 2019.01 )  <i>G06N 3/02</i> ( 2006.01 )  <i>G06N 3/08</i> ( 2006.01 )                      (87) WO2021/243454                      (31) 63/034,558 (32) 04.06.20 (33) US                      63/144,173 01.02.21 US                      (43) 09.12.2021                      (72) HOPFMUELLER, Florian; BEN-NEWITZ, Elizabeth Roberts; KULCHYTSKYY, Bohdan; CAR-RASQUILLA ÁLVAREZ, Juan Felipe; RONAGH, Pooya                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) Aadigen, LLC                      (11) AU-A-2021261423                      (21) 2021261423 (22) 23.04.2021                      (54) Compositions for treating cancer with                      (51) Int. Cl.  <i>C12N 15/11</i> ( 2006.01 )  <i>A61K 9/14</i> ( 2006.01 )  <i>A61K 31/7105</i> ( 2006.01 )  <i>A61K 38/46</i> ( 2006.01 )  <i>A61K 47/62</i> ( 2017.01 )  <i>A61P 35/00</i> ( 2006.01 )  <i>C12N 9/22</i> ( 2006.01 )  <i>C12N 15/90</i> ( 2006.01 )                      (87) WO2021/217100                      (31) FR2004126 (32) 24.04.20 (33) FR                      (43) 28.10.2021                      (72) DESAI, Neil P.; DIVITA, Gilles                      (74) AJ PARK</p>	<p>(71) Academia Sinica                      (11) AU-A-2021268212                      (21) 2021268212 (22) 07.05.2021                      (54) Chimeric influenza vaccines                      (51) Int. Cl.  <i>A61K 38/16</i> ( 2006.01 )  <i>A61K 39/155</i> ( 2006.01 )  <i>C12N 7/04</i> ( 2006.01 )                      (87) WO2021/226533                      (31) 63/022,328 (32) 08.05.20 (33) US                      (43) 11.11.2021                      (72) LIAO, Hsin-Yu; WANG, Shih-Chi; KO, Yi-An; LIN, Kuo-I; MA, Che; CHENG, Ting-Jen                      (74) AJ PARK</p>
<p>(71) 23andMe, Inc.                      (11) AU-A-2021281417                      (21) 2021281417 (22) 28.05.2021                      (54) Anti-CD200R1 antibodies and methods of use thereof                      (51) Int. Cl.  <i>A61P 35/00</i> ( 2006.01 )  <i>C07K 16/28</i> ( 2006.01 )                      (87) WO2021/243204                      (31) 63/032,508 (32) 29.05.20 (33) US                      (43) 02.12.2021                      (72) CHEN, Yu; FENAUX, Jilean Beth; FUHKELLY, Germaine; HUANG, Yao-Ming; CHUNG, Wei-Jen; KARRER, Erik Edward; LAY, Cecilia; PITTS, Steven J.; SCHARF, Louise                      (74) Adams Pluck</p>	<p>(71) Abiomed, Inc.                      (11) AU-A-2021263535                      (21) 2021263535 (22) 22.04.2021                      (54) Method of purging a blood pump                      (51) Int. Cl.  <i>A61M 60/135</i> ( 2021.01 )  <i>A61M 60/148</i> ( 2021.01 )  <i>A61M 60/205</i> ( 2021.01 )  <i>A61M 60/829</i> ( 2021.01 )                      (87) WO2021/221996                      (31) 63/017,445 (32) 29.04.20 (33) US                      (43) 04.11.2021                      (72) DAS, Soumen; GILMAN, Vladimir; SHIP, Alexander; CORBETT, Scott C.; LEE, Kar                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Acondicionamiento Tarrasense                      (11) AU-A-2021263078                      (21) 2021263078 (22) 27.04.2021                      (54) Alkylaminoproline derivatives as alfa-2-delta-1 blockers                      (51) Int. Cl.  <i>C07D 207/16</i> ( 2006.01 )  <i>A61K 31/165</i> ( 2006.01 )  <i>A61P 29/00</i> ( 2006.01 )                      (87) WO2021/219661                      (31) 20382342.2 (32) 28.04.20 (33) EP                      (43) 04.11.2021                      (72) WEGERT, Anita; ALMANSA-ROS-ALES, Carmen                      (74) Wallington-Dummer</p>
<p>(71) 247Solar, Inc.                      (11) AU-A-2021248410                      (21) 2021248410 (22) 01.04.2021</p>	<p>(71) Absci Corporation                      (11) AU-A-2021259323                      (21) 2021259323 (22) 20.04.2021                      (54) Polypeptide cleavage methods                      (51) Int. Cl.  <i>C07K 14/00</i> ( 2006.01 )  <i>C07K 19/00</i> ( 2006.01 )</p>	<p>(71) Acucela Inc.                      (11) AU-A-2021270577                      (21) 2021270577 (22) 13.05.2021</p>



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

- (54) Electro-switchable spectacles for myopia treatment
- (51) Int. Cl.  
**G02C 7/08** ( 2006.01 )  
**A61F 2/16** ( 2006.01 )  
**G02C 7/06** ( 2006.01 )  
**G02C 7/10** ( 2006.01 )
- (87) WO2021/231684  
**(31)** 63/024,379 **(32)** 13.05.20 **(33)** US  
**(43)** 18.11.2021  
**(72)** KUBOTA, Ryo; GUPTA, Amitava  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Adama Makhteshim Ltd.  
**(11)** AU-A-2021267206  
**(21)** 2021267206 **(22)** 04.05.2021  
**(54)** Mixtures and compositions comprising 5-fluoro-4-imino-3-methyl-1-tosyl-3,4-dihydropyrimidin-2-one, and methods of use thereof
- (51) Int. Cl.  
**C07D 239/69** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )
- (87) WO2021/224802  
**(31)** 63/019,871 **(32)** 04.05.20 **(33)** US  
 63/024,031 13.05.20 US  
**(43)** 11.11.2021  
**(72)** YARDENI, Jenny; SLOAN, James  
**(74)** FB Rice Pty Ltd
- 
- (71) Adama Makhteshim Ltd.  
**(11)** AU-A-2021281668  
**(21)** 2021281668 **(22)** 28.05.2021  
**(54)** Aqueous composition of dithiocarbamate fungicide
- (51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 47/14** ( 2006.01 )  
**A01N 59/16** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )
- (87) WO2021/240460  
**(31)** 63/031,139 **(32)** 28.05.20 **(33)** US  
**(43)** 02.12.2021  
**(72)** VAN DER KRIEKEN, Wilhelmus Maria; STRATMANN, Christian  
**(74)** FB Rice Pty Ltd
- 
- (71) AdaptVac ApS  
**(11)** AU-A-2021268757  
**(21)** 2021268757 **(22)** 07.05.2021  
**(54)** Peptide tags and binding partners
- (51) Int. Cl.  
**C07K 14/315** ( 2006.01 )
- (87) WO2021/224451  
**(31)** 20173377.1 **(32)** 07.05.20 **(33)** EP  
**(43)** 11.11.2021  
**(72)** FOUGEROUX, Cyrielle, Elyette; BERTELSEN, Adam, Frederik, Sander; THRANE, Susan  
**(74)** FB Rice Pty Ltd
- 
- (71) ADD Advanced Drug Delivery Technologies Ltd.  
**(11)** AU-A-2020447169  
**(21)** 2020447169 **(22)** 11.05.2020  
**(54)** Uses and formulations of cannabinoids
- (51) Int. Cl.  
**A61K 31/05** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 19/06** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )
- (87) WO2021/228366  
**(43)** 18.11.2021  
**(72)** NOWAK, Reinhard; NOWAK, Mirko; NOWAK, Jesko Jay; PÖLLINGER, Norbert  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71) ADD Advanced Drug Delivery Technologies Ltd.  
**(11)** AU-A-2020447636  
**(21)** 2020447636 **(22)** 11.05.2020  
**(54)** Uses and formulations of cannabinoids
- (51) Int. Cl.  
**A61K 31/05** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )
- (87) WO2021/228365  
**(43)** 18.11.2021  
**(72)** NOWAK, Reinhard; NOWAK, Mirko; NOWAK, Jesko Jay; PÖLLINGER, Norbert  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71) ADD Advanced Drug Delivery Technologies Ltd.  
**(11)** AU-A-2021270969  
**(21)** 2021270969 **(22)** 11.05.2021  
**(54)** Uses and formulations of cannabinoids
- (51) Int. Cl.  
**A61K 31/05** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )
- (87) WO2021/228863  
**(31)** PCT/EP2020/063086 **(32)** 11.05.20 **(33)** EP  
 21168856.9 16.04.21 EP  
**(43)** 18.11.2021  
**(72)** NOWAK, Reinhard; NOWAK, Mirko; NOWAK, Jesko Jay; PÖLLINGER, Norbert  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71) Advanced Drainage Systems, Inc.  
**(11)** AU-A-2021281215  
**(21)** 2021281215 **(22)** 26.05.2021  
**(54)** Connector for mainline pipe and outlet pipe
- (51) Int. Cl.  
**E03F 3/04** ( 2006.01 )  
**F16L 41/08** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )
- (87) WO2021/242797  
**(31)** 63/031,387 **(32)** 28.05.20 **(33)** US  
**(43)** 02.12.2021  
**(72)** KEENE, Kurt Michael; WARDEN, Jeffrey Allan; HALTER, Joseph Michael  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Advanced Drainage Systems, Inc.  
**(11)** AU-A-2021281239  
**(21)** 2021281239 **(22)** 26.05.2021  
**(54)** Multi-fit inline surface drain
- (51) Int. Cl.  
**E03F 1/00** ( 2006.01 )  
**E02B 11/00** ( 2006.01 )  
**E03F 5/04** ( 2006.01 )  
**F16L 25/14** ( 2006.01 )
- (87) WO2021/242827  
**(31)** 63/031,206 **(32)** 28.05.20 **(33)** US  
**(43)** 02.12.2021  
**(72)** CISLO, Joshua James; VITARELLI, Ronald R.; CADEAU, Jeremy Daniel  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Aerostar International, Inc.  
**(11)** AU-A-2021252887  
**(21)** 2021252887 **(22)** 19.03.2021  
**(54)** Helical cable management system, helical cable assembly tooling and method
- (51) Int. Cl.  
**H02G 11/00** ( 2006.01 )  
**B64B 1/40** ( 2006.01 )  
**B64C 11/04** ( 2006.01 )  
**H02K 7/14** ( 2006.01 )
- (87) WO2021/206893  
**(31)** 16/840,896 **(32)** 06.04.20 **(33)** US  
 16/840,748 06.04.20 US  
**(43)** 14.10.2021  
**(72)** HIJMANS, Carey; SOLUM, David; COHEN, Tom  
**(74)** FB Rice Pty Ltd
- 
- (71) Ajax Therapeutics, Inc.  
**(11)** AU-A-2021267373  
**(21)** 2021267373 **(22)** 05.05.2021  
**(54)** 6-heteroaryloxy benzimidazoles and azabenzimidazoles as JAK2 inhibitors
- (51) Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )
- (87) WO2021/226261  
**(31)** 63/020,645 **(32)** 06.05.20 **(33)** US  
 63/087,717 05.10.20 US  
 63/130,254 23.12.20 US  
**(43)** 11.11.2021  
**(72)** MASSE, Craig E.; GREENWOOD, Jeremy R.; MONDAL, Sayan; XU, Jiayi;

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

- (74)** GHANAKOTA, Phani; MCROBB, Fiona Michelle; BOYLES, Nicholas  
Davies Collison Cave Pty Ltd
- 
- (71)** Akouos, Inc.  
**(11)** AU-A-2021279008  
**(21)** 2021279008 **(22)** 26.05.2021  
**(54)** Devices, systems, and methods for delivering fluid to the inner ear  
**(51)** Int. Cl.  
**A61F 11/00** ( 2006.01 )  
**A61M 5/142** ( 2006.01 )
- (87)** WO2021/242926  
**(31)** 63/030,519 **(32)** 27.05.20 **(33)** US  
63/126,270 16.12.20 US  
63/151,610 19.02.21 US  
**(43)** 02.12.2021  
**(72)** MCKENNA, Michael; CONNELLY, John  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Albert Einstein College of Medicine; Victoria Link Limited  
**(11)** AU-A-2021267172  
**(21)** 2021267172 **(22)** 06.05.2021  
**(54)** Agents to prevent tissue damage from clostridium difficile infections by inhibition of the gut-damaging bacterial toxins TcdA and TcdB  
**(51)** Int. Cl.  
**A61K 31/4164** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/65** ( 2006.01 )
- (87)** WO2021/226330  
**(31)** 63/020,789 **(32)** 06.05.20 **(33)** US  
63/043,495 24.06.20 US  
**(43)** 11.11.2021  
**(72)** SCHRAMM, Vern L.; PAPARELLA, Ashleigh S.; TYLER, Peter Charles  
**(74)** Catalyst Intellectual Property
- 
- (71)** Alcon Inc.  
**(11)** AU-A-2021283407  
**(21)** 2021283407 **(22)** 01.06.2021  
**(54)** Hydraulic delivery of surgical implants  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )
- (87)** WO2021/245556  
**(31)** 63/033,258 **(32)** 02.06.20 **(33)** US  
**(43)** 09.12.2021  
**(72)** LEE IV, Jestwin Edwin; JENSEN, Kathryn; PIAZZA, Michael; TABER, Todd; YADAV, Saumya Dilip; MAGADUM, Pradeep; RODEHEAVER, Austin Xavier  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** Alectos Therapeutics Inc.  
**(11)** AU-A-2021269231  
**(21)** 2021269231 **(22)** 06.05.2021  
**(54)** Non-lysosomal glucosylceramidase inhibitors and uses thereof  
**(51)** Int. Cl.  
**C07D 211/46** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61K 31/4525** ( 2006.01 )  
**A61K 31/453** ( 2006.01 )  
**A61K 31/4535** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )
- (87)** WO2021/231470  
**(31)** 63/023,415 **(32)** 12.05.20 **(33)** US  
63/044,431 26.06.20 US
- A61K 31/4545** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 401/10** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/06** ( 2006.01 )  
**C07D 405/10** ( 2006.01 )  
**C07D 409/06** ( 2006.01 )  
**C07D 413/10** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/06** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )
- (87)** WO2021/224864  
**(31)** 63/021,401 **(32)** 07.05.20 **(33)** US  
63/110,751 06.11.20 US  
**(43)** 11.11.2021  
**(72)** KAUL, Ramesh; MCEACHERN, Ernest J.; SUN, Jianyu; VOCADLO, David J.; ZHOU, Yuanxi; ZHU, Yongbao  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Alectos Therapeutics Inc.  
**(11)** AU-A-2021269232  
**(21)** 2021269232 **(22)** 06.05.2021  
**(54)** Non-lysosomal glucosylceramidase inhibitors and uses thereof  
**(51)** Int. Cl.  
**C07D 211/46** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )  
**A61K 31/4525** ( 2006.01 )  
**A61K 31/453** ( 2006.01 )  
**A61K 31/4535** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
**C07D 401/10** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 405/06** ( 2006.01 )  
**C07D 405/10** ( 2006.01 )  
**C07D 409/06** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )
- (87)** WO2021/224865  
**(31)** 63/021,432 **(32)** 07.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** KAUL, Ramesh; MCEACHERN, Ernest J.; SUN, Jianyu; VOCADLO, David J.; ZHOU, Yuanxi; ZHU, Yongbao  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Alexion Pharmaceuticals, Inc.  
**(11)** AU-A-2021270867  
**(21)** 2021270867 **(22)** 11.05.2021  
**(54)** Use of complement factor D inhibitors alone or in combination with anti-C5 antibodies for treatment of paroxysmal nocturnal hemoglobinuria  
**(51)** Int. Cl.  
**A61K 31/506** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )
- (87)** WO2021/231470  
**(31)** 63/023,415 **(32)** 12.05.20 **(33)** US  
63/044,431 26.06.20 US
- (43)** 18.11.2021  
**(72)** HUANG, Mingjun; HUI, James; PODOS, Steven; PATEL, Dharaben; GEFFNER, Michael  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** Alkem Laboratories Limited  
**(11)** AU-A-2021291684  
**(21)** 2021291684 **(22)** 14.06.2021  
**(54)** Combination of alcaftadine and a corticosteroid  
**(51)** Int. Cl.  
**A61K 9/10** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61K 31/58** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 11/02** ( 2006.01 )
- (87)** WO2021/255622  
**(31)** 201921053286 **(32)** 15.06.20 **(33)** IN  
**(43)** 23.12.2021  
**(72)** DHUPPAD, Ulhas; SHARMA, Akhilesh; AWARE, Babasaheb; SHAH, Viraj; AIWALE, Amol  
**(74)** Spruson & Ferguson
- 
- (71)** Allen Institute  
**(11)** AU-A-2021261359  
**(21)** 2021261359 **(22)** 21.04.2021  
**(54)** Artificial expression constructs for selectively modulating gene expression in neocortical layer 5 glutamatergic neurons  
**(51)** Int. Cl.  
**C12N 15/67** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )
- (87)** WO2021/216778  
**(31)** 63/013,342 **(32)** 21.04.20 **(33)** US  
**(43)** 28.10.2021  
**(72)** DAIGLE, Tanya; GRAYBUCK, Lucas T.; KALMBACH, Brian Edward; LEIN, Edward Sebastian; LEVI, Boaz P.; MICH, John K.; SEDENO CORTES, Adriana Estela; TASIC, Bosiljka; TING, Jonathan; ZENG, Hongkui  
**(74)** Griffith Hack
- 
- (71)** Alynlyam Pharmaceuticals, Inc.  
**(11)** AU-A-2021263554  
**(21)** 2021263554 **(22)** 26.04.2021  
**(54)** Apolipoprotein E (APOE) iRNA agent compositions and methods of use thereof  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07H 21/00** ( 2006.01 )
- (87)** WO2021/222065  
**(31)** 63/015,867 **(32)** 27.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** BOSTWICK, Bret Lee; PENG, Haiyan; MCININCH, James D.; CASTORENO, Adam; SCHLEGEL, Mark K.  
**(74)** Griffith Hack

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

(71) Altered Labs LLC  
 (11) AU-A-2021273079  
 (21) 2021273079 (22) 14.05.2021  
 (54) Immune booster supplement treatment kit and methods of use  
 (51) Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 33/06** ( 2006.01 )  
 (87) WO2021/231930  
 (31) 63/025,685 (32) 15.05.20 (33) US  
 (43) 18.11.2021  
 (72) ECHEVERRY CAMPOS, Dario  
 (74) Spruson & Ferguson

(71) Amgen Inc.; Vigil Neuroscience, Inc.  
 (11) AU-A-2021267161  
 (21) 2021267161 (22) 04.05.2021  
 (54) Heterocyclic compounds as triggering receptor expressed on myeloid cells 2 agonists and methods of use  
 (51) Int. Cl.  
**A61K 31/517** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
 (87) WO2021/226135  
 (31) 63/019,768 (32) 04.05.20 (33) US  
 (43) 11.11.2021  
 (72) CZABANIUK, Lara C.; HOPPER, Timothy; HOUZE, Jonathan B.; RESCOURIO, Gwenaella; SANTORA, Vincent; WANG, Haoxuan; WHITE, Ryan D.; WONG, Alice R.; WU, Yongwei  
 (74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.  
 (11) AU-A-2021270436  
 (21) 2021270436 (22) 11.05.2021  
 (54) Monitoring vial conditions during a lyophilization process  
 (51) Int. Cl.  
**F26B 5/06** ( 2006.01 )  
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(71) Amplia Therapeutics Pty Ltd  
 (11) AU-A-2021279205  
 (21) 2021279205 (22) 17.05.2021  
 (54) Methods of treating pulmonary fibrosis  
 (51) Int. Cl.  
**A61K 31/506** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
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 (31) 2020901743 (32) 28.05.20 (33) AU  
 (43) 02.12.2021  
 (72) BURNS, Chris; LAMBERT, John; DEVLIN, Mark Graeme  
 (74) FPA Patent Attorneys Pty Ltd

(71) Angel Group Co., Ltd.  
 (11) AU-A-2021261148  
 (21) 2021261148 (22) 19.04.2021  
 (54) Game token and manufacturing method therefor  
 (51) Int. Cl.  
**G06K 19/04** ( 2006.01 )  
**G06K 19/07** ( 2006.01 )  
 (87) WO2021/215412  
 (31) 2020-074504 (32) 20.04.20 (33) JP  
 (43) 28.10.2021  
 (72) SHIGETA Yasushi  
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.  
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 (21) 2021263223 (22) 26.04.2021  
 (54) Double chip tray, chip tray, and game management system  
 (51) Int. Cl.  
**G06Q 50/34** ( 2012.01 )  
**A63F 1/06** ( 2006.01 )  
**G06K 7/10** ( 2006.01 )  
**G06K 19/04** ( 2006.01 )  
**G06K 19/07** ( 2006.01 )  
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 (31) 2020-078604 (32) 27.04.20 (33) JP  
 (43) 04.11.2021  
 (72) SHIGETA Yasushi  
 (74) Davies Collison Cave Pty Ltd

(71) Animal Dynamics Limited  
 (11) AU-A-2021287330  
 (21) 2021287330 (22) 08.06.2021  
 (54) Navigation systems and methods  
 (51) Int. Cl.  
**G01C 21/20** ( 2006.01 )  
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 (31) 2008944.7 (32) 12.06.20 (33) GB  
 (43) 16.12.2021  
 (72) WILLIS, Jay; THOMAS, Adrian  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Antonio, I.  
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 (21) 2021282650 (22) 04.06.2021  
 (54) Gravity force absorber for use in certain parachute and other systems  
 (51) Int. Cl.  
**B64D 17/36** ( 2006.01 )  
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 (31) 63/079,261 (32) 16.09.20 (33) US  
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 63/035,109 05.06.20 US  
 (43) 09.12.2021  
 (72) ANTONIO, Ishmael L.  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Applied Therapeutics, Inc.  
 (11) AU-A-2021264454  
 (21) 2021264454 (22) 27.04.2021  
 (54) Aldose reductase inhibitors for treating sorbitol dehydrogenase deficiency  
 (51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/5025** ( 2006.01 )

**A61K 31/519** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 27/12** ( 2006.01 )  
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 (31) 63/019,186 (32) 01.05.20 (33) US  
 63/019,738 04.05.20 US  
 (43) 04.11.2021  
 (72) SHENDELMAN, Shoshana  
 (74) Davies Collison Cave Pty Ltd

(71) AprilBio Co., Ltd.  
 (11) AU-A-2021253830  
 (21) 2021253830 (22) 09.04.2021  
 (54) Monoclonal antibodies and antigen binding fragments thereof for suppressing CD73 immune checkpoint and uses thereof  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
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 (72) CHA, Sang Hoon  
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 (54) Hydraulically operated valve and systems for use therewith  
 (51) Int. Cl.  
**F16K 31/126** ( 2006.01 )  
**F16K 7/12** ( 2006.01 )  
**F16K 37/00** ( 2006.01 )  
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 (72) HAGBI, Yeheskiel; HEIMANN, Assaf; BERNSTEIN, Boris  
 (74) FPA Patent Attorneys Pty Ltd

(71) Archer Aviation, Inc.  
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 (21) 2021276318 (22) 18.05.2021  
 (54) Vertical take-off and landing aircraft  
 (51) Int. Cl.  
**B64C 29/00** ( 2006.01 )  
**B64C 27/26** ( 2006.01 )  
**B64C 27/28** ( 2006.01 )  
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 (31) 16/878,380 (32) 19.05.20 (33) US  
 (43) 25.11.2021  
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 (74) AJ PARK

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 (21) 2020443729 (22) 22.04.2020  
 (54) Preparation of a fiber-reinforced implant  
 (51) Int. Cl.  
*B29C 45/14* ( 2006.01 )  
*A61L 27/40* ( 2006.01 )  
*B29C 43/18* ( 2006.01 )  
*B29C 70/68* ( 2006.01 )  
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*B29C 70/72* ( 2006.01 )  
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 (43) 28.10.2021  
 (72) HUTTUNEN, Mikko; HEINO, Harri; LEHTOLA, Miika; ELLÄ, Ville; LAAKKONEN, Mika  
 (74) Griffith Hack
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- (71) Arkema France  
 (11) AU-A-2021303604  
 (21) 2021303604 (22) 08.07.2021  
 (54) Process for improving the quality of hydrogen-bearing organic liquids  
 (51) Int. Cl.  
*C01B 3/00* ( 2006.01 )  
*C01B 3/22* ( 2006.01 )  
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 (72) BLANC, Jérôme; MONGUILLON, Bernard  
 (74) Griffith Hack
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- (71) Arkema France  
 (11) AU-A-2021305435  
 (21) 2021305435 (22) 08.07.2021  
 (54) Purification of aromatic liquids  
 (51) Int. Cl.  
*B01D 15/00* ( 2006.01 )  
*C07C 7/13* ( 2006.01 )  
*C07C 41/36* ( 2006.01 )  
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 (72) BLANC, Jérôme; MONGUILLON, Bernard; BOUVIER, Ludivine; RAVON, Ugo  
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 (11) AU-A-2021253901  
 (21) 2021253901 (22) 06.04.2021  
 (54) A sealed package for stackable candles  
 (51) Int. Cl.  
*C11C 5/00* ( 2006.01 )  
*B65B 61/00* ( 2006.01 )  
*B65D 25/28* ( 2006.01 )  
*F21V 35/00* ( 2006.01 )  
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 (31) 273866 (32) 07.04.20 (33) IL  
 (43) 14.10.2021  
 (72) BASSA, Joseph  
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (11) AU-A-2021270518  
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- (54) Methods of treating prostate cancer  
 (51) Int. Cl.  
*A61K 31/02* ( 2006.01 )  
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*A61K 31/166* ( 2006.01 )  
*A61K 31/277* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
*A61K 31/501* ( 2006.01 )  
*A61K 31/505* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 (31) 63/023,547 (32) 12.05.20 (33) US  
 (43) 18.11.2021  
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- (71) Ascendo Biotechnology, Inc.; Lee, F.  
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 (21) 2021273210 (22) 14.05.2021  
 (54) Selective targeting of the TREML1/MD2 interaction by small peptide or protein and its use for vaccine adjuvants  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
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 (31) 63/025,152 (32) 14.05.20 (33) US  
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 (72) LEE, Frank Wen-Chi; LU, Yen-Ta; CHANG, Chia-Ming; HUANG, Ping-Yen; TSAI, I-Fang  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Ascend Performance Materials Operations LLC  
 (11) AU-A-2021270999  
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 (54) Polyamide formulations for improved noise vibration and harshness  
 (51) Int. Cl.  
*C08G 69/26* ( 2006.01 )  
*C08G 69/08* ( 2006.01 )  
*C08K 3/04* ( 2006.01 )  
*C08K 3/40* ( 2006.01 )  
*C08K 5/00* ( 2006.01 )  
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 (21) 2021259877 (22) 26.04.2021  
 (54) Dendrimer compositions and methods for treatment of severe acute respiratory distress syndrome  
 (51) Int. Cl.  
*A61K 47/59* ( 2017.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
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 (74) RnB IP Pty Ltd
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 (11) AU-A-2021262493  
 (21) 2021262493 (22) 29.04.2021  
 (54) Method for preparing a three-dimensional scaffold for medical use  
 (51) Int. Cl.  
*A61L 27/36* ( 2006.01 )  
*A61F 2/02* ( 2006.01 )  
*A61L 27/40* ( 2006.01 )  
*A61L 27/48* ( 2006.01 )  
*A61L 27/56* ( 2006.01 )  
*A61L 27/58* ( 2006.01 )  
*A61P 19/00* ( 2006.01 )  
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 (43) 04.11.2021  
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 (74) FB Rice Pty Ltd
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- (71) Asklepios Biopharmaceutical, Inc.  
 (11) AU-A-2021260914  
 (21) 2021260914 (22) 19.04.2021  
 (54) Regulatory nucleic acid sequences  
 (51) Int. Cl.  
*C12N 15/85* ( 2006.01 )  
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 (31) 2005732.9 (32) 20.04.20 (33) GB  
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 (72) OOSTERVEEN, Tony; BRAAE, Anne; COOPER, Sinclair; IGLESIAS, Juan Manuel; ROBERTS, Michael L.  
 (74) WRAYS PTY LTD
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- (71) Atlantis Research Labs Inc.  
 (11) AU-A-2021268713  
 (21) 2021268713 (22) 05.05.2021  
 (54) Multi-mode propulsion system  
 (51) Int. Cl.  
*F02K 7/18* ( 2006.01 )  
*B64D 27/00* ( 2006.01 )  
 (87) WO2021/223028  
 (31) 63/020,327 (32) 05.05.20 (33) US  
 (43) 11.11.2021  
 (72) JOHANSEN, Craig; HINMAN, William Schuyler; MRAVCAK, Vladimir  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Atriva Therapeutics GmbH  
 (11) AU-A-2021277517  
 (21) 2021277517 (22) 20.05.2021  
 (54) MEK-inhibitors for the treatment or prevention of coronavirus infections and/or covid-19 cytokine storm  
 (51) Int. Cl.  
*A61K 31/166* ( 2006.01 )  
*A61K 31/18* ( 2006.01 )  
*A61K 31/4184* ( 2006.01 )  
*A61K 31/44* ( 2006.01 )

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**A61P 31/14** ( 2006.01 )  
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**(43)** 25.11.2021  
**(72)** LUDWIG, Stephan; PLANZ, Oliver;  
 HOFFMANN, Helen Elisa; KOCH-HEI-  
 ER, Julia; SCHINDLER, Michael  
**(74)** Oxygene IP

**(71)** Auro Pharmaceuticals, Inc.  
**(11)** AU-A-2021276517  
**(21)** 2021276517 **(22)** 20.05.2021  
**(54)** Compositions and methods of treat-  
 ment with glutathione  
**(51)** Int. Cl.  
**A61K 38/06** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/10** ( 2006.01 )  
**A61K 31/375** ( 2006.01 )  
**A61K 31/724** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 39/06** ( 2006.01 )  
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**(43)** 25.11.2021  
**(72)** PATEL, Nayan  
**(74)** FB Rice Pty Ltd

**(71)** Auston, D.  
**(11)** AU-A-2021257867  
**(21)** 2021257867 **(22)** 15.04.2021  
**(54)** Improved linear fibular nail  
**(51)** Int. Cl.  
**A61B 17/72** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 17/68** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
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**(31)** 63/010,340 **(32)** 15.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** AUSTON, Darryl  
**(74)** Zone Patents Limited

**(71)** Avery Dennison Retail Information Ser-  
 vices LLC  
**(11)** AU-A-2021275769  
**(21)** 2021275769 **(22)** 18.05.2021  
**(54)** Intelligent label automated capture  
 solutions  
**(51)** Int. Cl.  
**G06K 17/00** ( 2006.01 )  
**B65C 9/40** ( 2006.01 )  
**G06K 5/00** ( 2006.01 )  
**G06K 19/077** ( 2006.01 )  
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**(31)** 63/026,596 **(32)** 18.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** MODESETTE, Chad; BEGLEY, Mi-  
 chael; POWELL, John  
**(74)** AJ Pietras IP Limited

**(71)** Baker Hughes Oilfield Operations LLC  
**(11)** AU-A-2021266734  
**(21)** 2021266734 **(22)** 05.05.2021

**(54)** Chemical injection system for com-  
 pleted wellbores  
**(51)** Int. Cl.  
**E21B 43/14** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**(87)** WO2021/226217  
**(31)** 63/021,247 **(32)** 07.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** O'MALLEY, Edward; HARPER, Jason  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Baker Hughes Oilfield Operations LLC  
**(11)** AU-A-2021267166  
**(21)** 2021267166 **(22)** 05.05.2021  
**(54)** Chemical injection system for com-  
 pleted wellbores  
**(51)** Int. Cl.  
**E21B 43/16** ( 2006.01 )  
**E21B 4/02** ( 2006.01 )  
**E21B 43/25** ( 2006.01 )  
**(87)** WO2021/226220  
**(31)** 63/021,247 **(32)** 07.05.20 **(33)** US  
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**(72)** O'MALLEY, Edward; HARPER, Jason  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Baker Hughes Oilfield Operations LLC  
**(11)** AU-A-2021267371  
**(21)** 2021267371 **(22)** 05.05.2021  
**(54)** Chemical injection system for com-  
 pleted wellbores  
**(51)** Int. Cl.  
**E21B 43/25** ( 2006.01 )  
**E21B 34/10** ( 2006.01 )  
**E21B 43/16** ( 2006.01 )  
**(87)** WO2021/226219  
**(31)** 63/021,247 **(32)** 07.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** O'MALLEY, Edward; HARPER, Jason  
**(74)** Patent Attorney Services

**(71)** Baker Hughes Oilfield Operations LLC  
**(11)** AU-A-2021267826  
**(21)** 2021267826 **(22)** 12.04.2021  
**(54)** Indexing valve system for a resource  
 exploration and recovery system  
**(51)** Int. Cl.  
**E21B 34/10** ( 2006.01 )  
**E21B 23/00** ( 2006.01 )  
**E21B 34/14** ( 2006.01 )  
**(87)** WO2021/225754  
**(31)** 16/865,505 **(32)** 04.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** BROWN, Donovan Holland  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Balchem Corporation  
**(11)** AU-A-2021281414  
**(21)** 2021281414 **(22)** 28.05.2021  
**(54)** Choline chloride compositions  
**(51)** Int. Cl.  
**A01N 25/04** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**C09K 8/03** ( 2006.01 )  
**(87)** WO2021/243202  
**(31)** 63/031,365 **(32)** 28.05.20 **(33)** US

**(43)** 02.12.2021  
**(72)** BROUCEK, Reinhard; SESTRICK, Mi-  
 chael R.  
**(74)** RNB IP PTY LTD

**(71)** Barbosa de Abreu e Sousa, A.M.  
**(11)** AU-A-2021267416  
**(21)** 2021267416 **(22)** 04.05.2021  
**(54)** Capsule, device, system and method  
 for automatically-controlled parenter-  
 al administration of a medicament per-  
 formed by injection  
**(51)** Int. Cl.  
**A61M 5/28** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**A61M 5/46** ( 2006.01 )  
**(87)** WO2021/224771  
**(31)** 10202000010015 **(32)** 06.05.20 **(33)** IT  
**(43)** 11.11.2021  
**(72)** BARBOSA DE ABREU E SOUSA, Ar-  
 mando Miguel; BARBOSA DE ABREU  
 SOUSA E BATISTA, Miguel Afonso;  
 HOLM, Jens  
**(74)** GLMR

**(71)** Bard Access Systems, Inc.  
**(11)** AU-A-2021261260  
**(21)** 2021261260 **(22)** 19.04.2021  
**(54)** Rapidly insertable central catheters in-  
 cluding catheter assemblies and meth-  
 ods thereof  
**(51)** Int. Cl.  
**A61M 25/06** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**(87)** WO2021/216470  
**(31)** 63/012,793 **(32)** 20.04.20 **(33)** US  
**(43)** 28.10.2021  
**(72)** HOWELL, Glade H.  
**(74)** FB Rice Pty Ltd

**(71)** Bard Access Systems, Inc.  
**(11)** AU-A-2021275217  
**(21)** 2021275217 **(22)** 20.05.2021  
**(54)** Rapidly insertable central catheters in-  
 cluding catheter assemblies  
**(51)** Int. Cl.  
**A61M 25/01** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
**A61M 25/09** ( 2006.01 )  
**(87)** WO2021/236950  
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**(72)** HOWELL, Glade H.; STATS, Jason R.  
**(74)** FB Rice Pty Ltd

**(71)** Bardex Corporation  
**(11)** AU-A-2021313159  
**(21)** 2021313159 **(22)** 20.07.2021  
**(54)** Handling tail chains of mooring lines  
**(51)** Int. Cl.  
**B63B 21/50** ( 2006.01 )  
**B63B 21/04** ( 2006.01 )  
**B63B 21/10** ( 2006.01 )  
**B63B 21/18** ( 2006.01 )  
**B66D 1/72** ( 2006.01 )  
**(87)** WO2022/020387

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(72) ATALLAH, Nick; CEPEDA, Tony; SUN, Kanghua  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Barron, A.  
(11) AU-A-2021273469  
(21) 2021273469 (22) 10.05.2021  
(54) Surfactant protein C mimics displaying pathogen- or allergen-binding moieties  
(51) Int. Cl.  
A61K 38/12 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 38/17 ( 2006.01 )
- (87) WO2021/231343  
(31) 63/022,572 (32) 10.05.20 (33) US  
(43) 18.11.2021  
(72) BARRON, Annelise E.; FORTKORT, John A.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) BASF Coatings GmbH  
(11) AU-A-2021271082  
(21) 2021271082 (22) 04.05.2021  
(54) Adaptable GUI for dashboard software  
(51) Int. Cl.  
G06F 9/451 ( 2018.01 )  
G06F 3/048 ( 2013.01 )
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(31) 20173995.0 (32) 11.05.20 (33) EP  
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(72) KLAHM, Sebastian  
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(21) 2021267657 (22) 26.04.2021  
(54) Condensed isoxazoline derivatives and their use as herbicides  
(51) Int. Cl.  
C07D 498/04 ( 2006.01 )  
A01N 43/80 ( 2006.01 )  
A01N 43/90 ( 2006.01 )  
C07D 261/20 ( 2006.01 )  
C07D 413/12 ( 2006.01 )
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(31) 20172950.6 (32) 05.05.20 (33) EP  
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(72) ZIMMERMANN, Gunther; KORDES, Markus; KRAEMER, Gerd; SEISER, Tobias; SEITZ, Thomas; ANDERS, Ulrike; ALLEGRETTA, Giuseppe; LERCHL, Jens  
(74) Griffith Hack
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A61K 35/17 ( 2015.01 )  
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C07K 14/705 ( 2006.01 )  
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A61K 35/17 ( 2015.01 )  
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**A61B 90/90** ( 2016.01 )  
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**A61L 2/08** ( 2006.01 )  
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**A23L 33/105** ( 2016.01 )  
**A23F 5/14** ( 2006.01 )  
**A61K 8/49** ( 2006.01 )  
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**H01J 49/04** ( 2006.01 )  
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**A61P 31/12** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
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**A61B 5/339** ( 2021.01 )  
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**G06T 7/00** ( 2017.01 )  
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methods for the cracking of carbon-con-  
taining feedstocks  
(51) Int. Cl.  
**C10G 1/10** ( 2006.01 )  
**B01J 35/12** ( 2006.01 )  
**C10G 11/02** ( 2006.01 )  
**C10G 27/04** ( 2006.01 )
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- (71) Brown University  
(11) AU-A-2021253963  
(21) 2021253963 (22) 12.04.2021  
(54) RNA virus diagnostic assay  
(51) Int. Cl.  
**C12Q 1/686** ( 2018.01 )  
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(72) FAIRBROTHER, William  
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- (71) CaaMTech, Inc.  
(11) AU-A-2021273802  
(21) 2021273802 (22) 19.05.2021  
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tryptammonium (4-HO-DPT) salts  
(51) Int. Cl.  
**C07D 487/04** ( 2006.01 )
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(51) Int. Cl.  
**H02N 11/00** ( 2006.01 )
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OLDS, Sean William; HALL, Sean  
Claudius  
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- (71) CAMP Therapeutics Inc.  
(11) AU-A-2021255623  
(21) 2021255623 (22) 12.04.2021  
(54) Novel alpha-helical double-sided cell  
penetrating peptide and use thereof  
(51) Int. Cl.  
**C07K 7/06** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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- (71) Candela Corporation  
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Q-switched laser assembly field  
(51) Int. Cl.  
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**G02B 26/10** ( 2006.01 )  
**H01S 3/094** ( 2006.01 )  
**H01S 3/11** ( 2006.01 )  
**H01S 3/127** ( 2006.01 )
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**A61M 39/24** ( 2006.01 )  
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 (54) Wasting station for medications  
 (51) Int. Cl.  
**A61J 1/03** ( 2006.01 )  
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**G07C 9/00** ( 2020.01 )  
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 (54) Shaped memory polymer junctions  
 (51) Int. Cl.  
**A61M 39/10** ( 2006.01 )  
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 (54) Immunotherapy response signature  
 (51) Int. Cl.  
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**C12Q 1/68** ( 2018.01 )  
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 (54) Photocatalytic air purification and disinfection composition and system  
 (51) Int. Cl.  
**B01J 35/00** ( 2006.01 )  
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**C01G 29/00** ( 2006.01 )  
**F24F 8/167** ( 2021.01 )  
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**G11C 13/00** ( 2006.01 )
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 (11) AU-A-2021253859  
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**G06F 40/106** ( 2020.01 )  
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 (51) Int. Cl.  
**B62D 5/00** ( 2006.01 )  
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 (72) ROAT, Kenneth M.  
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 (51) Int. Cl.  
**C12N 15/11** ( 2006.01 )  
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 (11) AU-A-2021268253  
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 (54) Methods for targeted insertion of exogenous sequences in cellular genomes  
 (51) Int. Cl.  
**C12N 15/90** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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 (11) AU-A-2021272730  
 (21) 2021272730 (22) 04.05.2021  
 (54) Process for the preparation salts of triazole compounds  
 (51) Int. Cl.

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**C07D 405/14** ( 2006.01 )  
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**(11)** AU-A-2021275620  
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**(54)** Pharmaceutical formulations and their preparations for treatment of cancer  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
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**A61P 31/00** ( 2006.01 )  
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**C07H 19/073** ( 2006.01 )  
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**(54)** Pharmaceutical formulations of pilocarpine R-(+)-lipoate  
**(51)** Int. Cl.  
**A61K 31/385** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
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**(54)** Artificial antigen presenting cell system and uses thereof  
**(51)** Int. Cl.  
**C12N 5/0784** ( 2010.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
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**(51)** Int. Cl.  
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**B27N 3/04** ( 2006.01 )  
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**(72)** CHANG, Yiu Wen; CHEN, George Dah Ren  
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**(21)** 2021323392 **(22)** 13.08.2021  
**(54)** Immunosuppressant-resistant T-cells for adoptive immunotherapy  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
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**(31)** 20191216.9 **(32)** 14.08.20 **(33)** EP  
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**(72)** AMINI, Leila; SCHMÜCK-HEN-NERESSE, Michael; REINKE, Petra; VOLK, Hans-Dieter; WAGNER, Dimitrios Laurin  
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**(71)** CHDI Foundation, Inc.  
**(11)** AU-A-2021272972  
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**(54)** HTT modulators for treating Huntington's disease  
**(51)** Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
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**A61P 21/00** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Chengdu Chipscreen Pharmaceutical Ltd.  
**(11)** AU-A-2021264698  
**(21)** 2021264698 **(22)** 14.04.2021  
**(54)** Drug combination for treating diabetes mellitus and complications thereof and pharmaceutical composition of drug combination  
**(51)** Int. Cl.

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**A61K 31/381** ( 2006.01 )  
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**A61P 1/16** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**(87)** WO2021/218638  
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**(72)** HUANG, Shengjian; LU, Xianping; PAN, Desi; LIAO, Guoqiang; ZHAO, Yiru  
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**(71)** CHEP Technology Pty Limited  
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**(54)** Platform detection  
**(51)** Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
**B07C 5/342** ( 2006.01 )  
**G06N 3/02** ( 2006.01 )  
**G06N 20/10** ( 2019.01 )  
**G06V 20/00** ( 2022.01 )  
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**(31)** 20382420.6 **(32)** 18.05.20 **(33)** EP  
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**(72)** KHURRAM, Soomro; MANUEL, Ar-gibay Canas Jose; FRANCISCO, Hidalgo  
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**(71)** Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
**(11)** AU-A-2021262322  
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**(54)** Antigen binding constructs targeting HER2 and uses thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/16** ( 2006.01 )  
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**(31)** 202010365705.9 **(32)** 30.04.20 **(33)** CN  
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**(72)** ZHANG, Bing; ZHAO, Wei; DU, Min; LU, Yamin; MA, Yimin; DU, Xiuzhen; LU, Na; MA, Zhaoxiong; ZHANG, Xi-quan  
**(74)** Madderns Pty Ltd

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**(54)** Uplink channel multiplexing method and device, and terminal  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
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 (11) AU-A-2020444841  
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 (51) Int. Cl.  
*C08F 255/02* ( 2006.01 )  
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 (54) Grafting-modified polypropylene material and preparation method therefor  
 (51) Int. Cl.  
*C08L 23/12* ( 2006.01 )  
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 (54) Double-span movable formwork of lower bearing type and construction method  
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*E01D 21/00* ( 2006.01 )  
*E01D 2/00* ( 2006.01 )  
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 (11) AU-A-2021275623  
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 (54) Substituted pyrazolyl compounds and methods of use thereof  
 (51) Int. Cl.  
*C07D 417/04* ( 2006.01 )  
*A61K 31/422* ( 2006.01 )  
*A61K 31/427* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
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**C12Q 1/6806** ( 2018.01 )  
**G01N 1/38** ( 2006.01 )  
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(21) 2021263857 (22) 22.04.2021	(21) 2021270781 (22) 11.05.2021			(21) 2021284976 (22) 03.06.2021
(54) Security control module and system	(54) Slide ring seal assembly for high temperature applications			(54) Automatic ironing apparatus
(51) Int. Cl.	(51) Int. Cl.			(51) Int. Cl.
G07C 9/28 ( 2020.01 )	F16J 15/34 ( 2006.01 )			D06F 63/00 ( 2006.01 )
G07C 9/00 ( 2020.01 )				D06F 67/02 ( 2006.01 )
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H04W 84/18 ( 2009.01 )				D06F 87/00 ( 2006.01 )
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(51) Int. Cl.	(51) Int. Cl.			(51) Int. Cl.
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C07K 16/28 ( 2006.01 )				A61P 11/00 ( 2006.01 )
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(11) AU-A-2021266721	(11) AU-A-2020447972			(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
(21) 2021266721 (22) 04.05.2021	(21) 2020447972 (22) 03.09.2020			
(54) Methods for treating pancreatic cancer and other solid tumors	(54) Supplemental energy generation and storage for trains			
(51) Int. Cl.	(51) Int. Cl.			
A61K 39/395 ( 2006.01 )	B60L 7/10 ( 2006.01 )			(71) Eisai R&D Management Co., Ltd.
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A61K 47/42 ( 2017.01 )	B60T 1/10 ( 2006.01 )			(54) Breast cancer therapeutic agent
A61K 47/50 ( 2017.01 )	B60T 13/58 ( 2006.01 )			(51) Int. Cl.
A61K 47/68 ( 2017.01 )	B61C 3/02 ( 2006.01 )			A61K 31/4545 ( 2006.01 )
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**C07D 487/04** ( 2006.01 )  
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(51) Int. Cl.



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AGUILAR, Laura; MAGAÑA CASTRO,  
José Agustin Rogelio  
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type P53 protein for antiviral therapy  
Int. Cl.  
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capping agents and methods of detec-  
tion therewith  
(51) Int. Cl.  
**C12Q 1/28** ( 2006.01 )  
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RODRIGUEZ, Greter Amelia; TUTEJA,  
Satish Kumar; SRINIVASAN, Seshasai;  
RAJABZADEH, Amin Reza  
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tection of phenolic analytes  
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**G01N 27/30** ( 2006.01 )  
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**A61B 5/145** ( 2006.01 )  
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**C12N 5/00** ( 2006.01 )  
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tection apparatus with IP- based audio  
and 3D talk-group features  
(51) Int. Cl.  
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RAFT, Casper Silbo  
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**C01B 32/05** ( 2017.01 )  
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**H01M 4/1393** ( 2010.01 )  
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**G01H 9/00** ( 2006.01 )  
**G01D 5/353** ( 2006.01 )  
**G01V 1/18** ( 2006.01 )  
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 (51) Int. Cl.  
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 G06K 7/00 ( 2006.01 )  
 A61B 5/117 ( 2016.01 )  
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 (51) Int. Cl.  
 A61K 35/30 ( 2015.01 )  
 A61P 27/02 ( 2006.01 )  
 C12N 5/079 ( 2010.01 )  
 C12N 5/0793 ( 2010.01 )  
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 (51) Int. Cl.  
 C07D 487/14 ( 2006.01 )  
 A61P 35/04 ( 2006.01 )  
 C07D 487/00 ( 2006.01 )  
 C07D 487/12 ( 2006.01 )  
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 (51) Int. Cl.  
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 G01N 33/53 ( 2006.01 )  
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 (51) Int. Cl.  
 G01N 35/00 ( 2006.01 )  
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 E21B 45/00 ( 2006.01 )  
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 G01C 5/06 ( 2006.01 )  
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(51) Int. Cl.  
*H04W 36/00* ( 2009.01 )  
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*H01L 27/15* ( 2006.01 )  
*H01L 33/04* ( 2010.01 )  
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(51) Int. Cl.  
*F04B 15/02* ( 2006.01 )  
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*G16H 10/60* ( 2018.01 )  
*G07C 9/20* ( 2020.01 )  
*G07C 9/26* ( 2020.01 )  
*G16H 40/63* ( 2018.01 )  
*G16H 50/80* ( 2018.01 )  
*A61B 5/00* ( 2006.01 )  
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*G07C 9/00* ( 2020.01 )  
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(51) Int. Cl.  
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*A61L 2/04* ( 2006.01 )  
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*A61P 25/02* ( 2006.01 )  
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*A61P 17/00* ( 2006.01 )  
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**G16H 80/00** ( 2018.01 )
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(54) Nucleic acid encoding an anti-VEGF entity and a negative complement regulator and uses thereof for the treatment of age-related macular degeneration
- (51) Int. Cl.  
**C07K 14/47** ( 2006.01 )  
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(54) Methods for enhancing adoptive cell transfer immunotherapies
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**A61K 35/17** ( 2015.01 )  
**A61K 38/47** ( 2006.01 )  
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**A61P 31/00** ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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**B61K 9/08** ( 2006.01 )  
**B60M 3/00** ( 2006.01 )  
**B61L 25/02** ( 2006.01 )  
**G01R 15/18** ( 2006.01 )  
**G01R 33/07** ( 2006.01 )
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(54) Device for preparing and dispensing re-constituted beer
- (51) Int. Cl.  
**C12C 11/11** ( 2019.01 )  
**B67D 1/00** ( 2006.01 )  
**C12G 3/005** ( 2019.01 )  
**C12G 3/06** ( 2006.01 )
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(31) 20175078.3 (32) 15.05.20 (33) EP  
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(11) AU-A-2021270974  
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- (51) Int. Cl.  
**C12C 11/11** ( 2019.01 )  
**B67D 1/00** ( 2006.01 )  
**C12G 3/005** ( 2019.01 )  
**C12G 3/06** ( 2006.01 )  
**C12H 3/04** ( 2019.01 )
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(21) 2021261570 (22) 15.01.2021  
(54) Novel 2-arylthiazole derivative or salt thereof, preparation method therefor, and pharmaceutical composition comprising same
- (51) Int. Cl.  
**C07D 277/28** ( 2006.01 )  
**A61K 31/426** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
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**A61P 1/16** ( 2006.01 )  
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**A61P 25/16** ( 2006.01 )  
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**C07D 417/12** ( 2006.01 )
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(54) Compositions and methods for treating neuropsychiatric disorders
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**C07K 14/575** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**C07K 14/605** ( 2006.01 )
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- (72) SEIFAN, Alon  
(74) FPA Patent Attorneys Pty Ltd
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(54) Data transmission method and related apparatus
- (51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
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- (51) Int. Cl.  
**H04W 28/20** ( 2009.01 )
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 (54) Probe method for multi-link device and communication apparatus  
 (51) Int. Cl.  
*H04W 76/15* ( 2018.01 )  
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 (21) 2021252631 (22) 30.03.2021  
 (54) A comb device for removal of head lice from hair  
 (51) Int. Cl.  
*A45D 24/04* ( 2006.01 )  
*A45D 24/30* ( 2006.01 )  
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 (72) HUTCHINSON, Eileen  
 (74) Richard Lock

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 (21) 2021257342 (22) 16.04.2021  
 (54) Long acting glucagon receptor selective peptides and methods of use  
 (51) Int. Cl.  
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 (72) BLACKWELL, William; SRIVASTAVA, Ved P.  
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 (51) Int. Cl.  
*C07K 14/575* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
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*A61P 3/04* ( 2006.01 )  
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 (72) BLACKWELL, William; SRIVASTAVA, Ved P.; WAY, James M.  
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 (54) Use of human amylin analog poly-peptides for providing superior glycemic control to type 1 diabetics  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
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 (11) AU-A-2021326569  
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 (54) Demand and supply planning method and demand and supply planning apparatus  
 (51) Int. Cl.  
*H02J 13/00* ( 2006.01 )  
*H02J 3/00* ( 2006.01 )  
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 (43) 24.02.2022  
 (72) HAMAGUCHI Kenichi; INAMURA Akinobu; KOGUMA Yuji; KAZIKURA Sho; KOJIMA Daiki  
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 (11) AU-A-2021340055  
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 (54) Power regulation method and power regulation device  
 (51) Int. Cl.  
*H02J 3/00* ( 2006.01 )  
*H02J 3/14* ( 2006.01 )  
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 (87) WO2022/054442  
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 (72) HAMAGUCHI Kenichi; INAMURA Akinobu; KOGUMA Yuji  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Safety device for ladder  
 (51) Int. Cl.  
*E06C 7/18* ( 2006.01 )  
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 (87) WO2022/191347  
 (43) 15.09.2022  
 (72) PARK, Soon Gyu; HA, Sung Suk  
 (74) Chrysiliou IP

(71) Illumina, Inc.; Illumina Singapore Pte. Ltd.  
 (11) AU-A-2021271637  
 (21) 2021271637 (22) 11.05.2021  
 (54) Generating nucleic acids with modified bases using recombinant terminal deoxynucleotidyl transferase  
 (51) Int. Cl.  
*C12N 9/12* ( 2006.01 )  
 (87) WO2021/231477  
 (31) 63/023,736 (32) 12.05.20 (33) US  
 (43) 18.11.2021  
 (72) NIRANTAR, Saurabh Rajendra; PEISAJOVICH, Sergio; BRUSTAD, Eric  
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(71) Illumina, Inc.; Illumina Singapore Pte. Ltd.; National University of Singapore  
 (11) AU-A-2021271831  
 (21) 2021271831 (22) 11.05.2021  
 (54) Thermostable terminal deoxynucleotidyl transferase  
 (51) Int. Cl.  
*C12N 9/12* ( 2006.01 )  
 (87) WO2021/231483  
 (31) 63/023,734 (32) 12.05.20 (33) US  
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 (72) NIRANTAR, Saurabh Rajendra; CHUA, Jasmine Puay Susan; PEISAJOVICH, Sergio; YEY, Wen Shan; GO, Maybelle Darlene Kho  
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 (54) Comparing copies of polynucleotides with different features  
 (51) Int. Cl.  
*C12Q 1/6851* ( 2018.01 )  
 (87) WO2021/242668  
 (31) 63/031,230 (32) 28.05.20 (33) US  
 (43) 02.12.2021  
 (72) YEU, Huihong; TAN, YerPeng  
 (74) WRAYS PTY LTD

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(71) Illumina, Inc.  
 (11) AU-A-2021284208  
 (21) 2021284208 (22) 24.05.2021  
 (54) Apparatus with a sensor having an active surface  
 (51) Int. Cl.  
*G01N 21/64* ( 2006.01 )  
*B01L 3/00* ( 2006.01 )  
*G01N 21/76* ( 2006.01 )  
*G01N 33/483* ( 2006.01 )  
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 (31) 62/704,963 (32) 04.06.20 (33) US  
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 (72) COX-MURANAMI, Wesley; PANCHAPAKESAN, Rajagopal; RIVAL, Arnaud  
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(71) Illumina, Inc.; Illumina Cambridge Limited; Oregon Health & Science University  
 (11) AU-A-2021287900

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 (54) Methods for increasing yield of sequencing libraries  
 (51) Int. Cl.  
*C12Q 1/6876* ( 2018.01 )  
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 (31) 63/036,710 (32) 09.06.20 (33) US  
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*A61P 1/00* (2006.01)  
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*D21H 19/34* (2006.01)  
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*G01N 29/04* (2006.01)  
*F17C 13/02* (2006.01)  
*F17D 5/00* (2006.01)  
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     **C23C 14/35** ( 2006.01 )  
     **A61L 27/30** ( 2006.01 )  
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     **B31F 1/12** ( 2006.01 )  
     **D21F 11/14** ( 2006.01 )  
     **D21H 21/14** ( 2006.01 )  
     **D21H 27/02** ( 2006.01 )  
     **D21H 27/40** ( 2006.01 )  
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 (54) Dispenser with mechanical transfer and method  
 (51) Int. Cl.  
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 (21) 2021246255 (22) 23.03.2021  
 (54) Service-to-service strong authentication  
 (51) Int. Cl.  
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     **H04W 12/02** ( 2009.01 )  
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2021278492 (22) 30.04.2021  
 (54) Remote operation system for work machine  
 (51) Int. Cl.  
     **E02F 9/20** ( 2006.01 )  
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 (54) Tunnel excavation device  
 (51) Int. Cl.  
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     **E21D 9/11** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) System and method for controlling work machine  
 (51) Int. Cl.  
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 (54) System and method for controlling work machine  
 (51) Int. Cl.  
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 (54) A process for forming a container  
 (51) Int. Cl.  
     **B65D 81/38** ( 2006.01 )  
     **B29C 65/78** ( 2006.01 )  
     **B31B 50/04** ( 2017.01 )  
     **B31B 50/26** ( 2017.01 )  
     **B65D 6/00** ( 2006.01 )  
     **B65D 25/14** ( 2006.01 )  
     **B65D 85/00** ( 2006.01 )  
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 (11) AU-A-2021279027  
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 (51) Int. Cl.  
     **A61K 48/00** ( 2006.01 )  
     **C12N 15/09** ( 2006.01 )  
     **C12N 15/10** ( 2006.01 )  
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 (21) 2021270426 (22) 14.05.2021  
 (54) Novel inhalant  
 (51) Int. Cl.  
     **A61K 31/4353** ( 2006.01 )  
     **A61K 9/08** ( 2006.01 )  
     **A61K 9/14** ( 2006.01 )  
     **A61K 9/72** ( 2006.01 )  
     **A61P 31/14** ( 2006.01 )  
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 (74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2021289061 (22) 11.06.2021  
(54) Real-time kinematic (RTK) positioning system, base station and methods for calibrating and operating  
(51) Int. Cl.  
G01S 19/04 (2010.01)  
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(21) 2021244968 (22) 12.03.2021  
(54) Colour-strong manganese ferrite colour pigments  
(51) Int. Cl.  
C01G 49/06 (2006.01)  
C01B 25/37 (2006.01)  
C09C 1/00 (2006.01)  
C09C 1/24 (2006.01)  
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(74) Davies Collison Cave Pty Ltd
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- (71) Lava International, Inc.  
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(51) Int. Cl.  
E04F 15/02 (2006.01)  
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E04H 3/14 (2006.01)  
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(43) 04.11.2021  
(72) SUMI, Takahiko  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021257127  
(21) 2021257127 (22) 07.04.2021  
(54) Stability evaluation system, program, and method  
(51) Int. Cl.  
A63B 69/00 (2006.01)  
A61B 5/11 (2006.01)  
A63B 71/06 (2006.01)  
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(31) 2020-071816 (32) 13.04.20 (33) JP  
(43) 21.10.2021  
(72) KAJI, Kunihiko  
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(11) AU-A-2021268275  
(21) 2021268275 (22) 06.05.2021
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(51) Int. Cl.  
B33Y 50/02 (2015.01)  
B29C 64/118 (2017.01)  
B29C 64/393 (2017.01)  
B29C 70/38 (2006.01)  
B33Y 10/00 (2015.01)  
G06F 30/20 (2020.01)  
B64C 1/00 (2006.01)  
B64C 3/20 (2006.01)  
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(74) Griffith Hack
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(21) 2021267691 (22) 05.05.2021  
(54) New Macrocyclic LRRK2 kinase inhibitors  
(51) Int. Cl.  
C07D 498/16 (2006.01)  
A61K 31/4162 (2006.01)  
A61P 25/28 (2006.01)  
C07D 498/18 (2006.01)  
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(11) AU-A-2021267995  
(21) 2021267995 (22) 30.04.2021  
(54) Antibody-drug conjugates (ADCs) comprising an anti-Trop-2 antibody, compositions comprising such ADCs, as well as methods of making and using the same  
(51) Int. Cl.  
A61K 47/68 (2017.01)  
A61P 35/00 (2006.01)  
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(11) AU-A-2021271778  
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(54) Multimeric T-cell modulatory peptides and methods of use thereof  
(51) Int. Cl.  
C07K 7/06 (2006.01)  
A61K 38/00 (2006.01)  
A61K 45/06 (2006.01)  
A61P 35/00 (2006.01)  
C07K 14/55 (2006.01)  
C07K 14/74 (2006.01)  
C12N 15/62 (2006.01)  
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(31) 63/023,840 (32) 12.05.20 (33) US  
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(72) LEE, Ji Hyun; RYU, Su Jeong  
(74) FB Rice Pty Ltd
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- (71) LG Electronics Inc.  
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(21) 2021248761 (22) 01.04.2021  
(54) Clothing treatment apparatus  
(51) Int. Cl.  
D06F 58/45 (2020.01)  
D06F 33/69 (2020.01)  
D06F 58/22 (2006.01)  
D06F 58/26 (2006.01)  
H05B 6/10 (2006.01)  
(87) WO2021/201629  
(31) 10-2020-0039765 (32) 01.04.20 (33) KR  
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(43) 07.10.2021  
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(11) AU-A-2021264109  
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(54) Imprinted polymers and methods for their use  
(51) Int. Cl.  
B01J 20/26 (2006.01)  
A61K 36/185 (2006.01)  
C08F 2/18 (2006.01)  
C08F 122/10 (2006.01)  
C08F 212/08 (2006.01)  
C08F 212/36 (2006.01)  
C08F 220/54 (2006.01)  
C08F 222/10 (2006.01)  
C08J 9/26 (2006.01)  
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(31) 763976 (32) 29.04.20 (33) NZ  
(43) 04.11.2021  
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(54) A rifle receiver arrangement and a method of assembly of a rifle barrel to said rifle receiver  
(51) Int. Cl.  
F41A 3/66 (2006.01)

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**F16B 39/00** ( 2006.01 )  
**F41A 11/02** ( 2006.01 )  
**F41A 21/48** ( 2006.01 )  
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**(43)** 17.02.2022  
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**(74)** Collison & Co
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- (71)** Linde GmbH  
**(11)** AU-A-2021276359  
**(21)** 2021276359 **(22)** 26.04.2021  
**(54)** Method for extracting a liquid phase of a cryogen from a storage dewar  
**(51)** Int. Cl.  
**F17C 9/00** ( 2006.01 )  
**(87)** WO2021/233575  
**(31)** 20020232.3 **(32)** 18.05.20 **(33)** EP  
**(43)** 25.11.2021  
**(72)** LOSE, Niels; LOSE, Calle Steenberg  
**(74)** Spruson & Ferguson
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- (71)** Lobanov, S.  
**(11)** AU-A-2021240875  
**(21)** 2021240875 **(22)** 26.03.2021  
**(54)** Process and apparatus for sized nutrient recovery from wastewater by elutriation  
**(51)** Int. Cl.  
**C02F 1/52** ( 2006.01 )  
**B01D 9/00** ( 2006.01 )  
**B01D 19/00** ( 2006.01 )  
**B01D 21/01** ( 2006.01 )  
**C01B 25/45** ( 2006.01 )  
**C02F 1/58** ( 2006.01 )  
**C05B 19/00** ( 2006.01 )  
**C05G 5/12** ( 2020.01 )  
**(87)** WO2021/189148  
**(31)** 16/832,507 **(32)** 27.03.20 **(33)** US  
**(43)** 30.09.2021  
**(72)** LOBANOV, Sergey  
**(74)** FB Rice Pty Ltd
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- (71)** LOFA Industries, LLC  
**(11)** AU-A-2021246134  
**(21)** 2021246134 **(22)** 02.04.2021  
**(54)** A reserve power supply system  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**B60L 1/00** ( 2006.01 )  
**B60L 58/18** ( 2019.01 )  
**B60L 58/21** ( 2019.01 )  
**H02J 7/02** ( 2016.01 )  
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**(43)** 07.10.2021  
**(72)** DAVIS, Brett Allen; DOWDIE, Darwin; FORTENBERRY, Christopher Warren  
**(74)** AJ PARK
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- (71)** Lone Gull Holdings, Ltd.  
**(11)** AU-A-2021277197  
**(21)** 2021277197 **(22)** 17.05.2021  
**(54)** Hydrogen production and conveyance system  
**(51)** Int. Cl.
- F03B 13/12** ( 2006.01 )  
**F03B 13/14** ( 2006.01 )  
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**(31)** 63/026,670 **(32)** 18.05.20 **(33)** US  
63/060,145 03.08.20 US  
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**(43)** 25.11.2021  
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**(74)** Zone Patents Limited
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- (71)** Lycored Ltd.  
**(11)** AU-A-2021267954  
**(21)** 2021267954 **(22)** 06.05.2021  
**(54)** Pro-Lycopene rich composition and methods of using same  
**(51)** Int. Cl.  
**A61K 31/035** ( 2006.01 )  
**A61K 31/355** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2021/224930  
**(31)** 63/021,188 **(32)** 07.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** OFFER, Tal; SEDLOV, Tanya; LEVY-NISSENBAUM, Etgar; BRAVERMAN, Oleg  
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- (71)** Lyell Immunopharma, Inc.  
**(11)** AU-A-2021265797  
**(21)** 2021265797 **(22)** 28.04.2021  
**(54)** Methods for culturing cells  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**(87)** WO2021/222479  
**(31)** 63/016,907 **(32)** 28.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** VODNALA, Suman Kumar; EIL, Robert Langland; RESTIFO, Nicholas P.  
**(74)** AJ PARK
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- (71)** mAbsolve Limited  
**(11)** AU-A-2021277578  
**(21)** 2021277578 **(22)** 20.05.2021  
**(54)** Modified immunoglobulin FC regions  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/234402  
**(31)** 2007613.9 **(32)** 21.05.20 **(33)** GB  
**(43)** 25.11.2021  
**(72)** HALE, Geoffrey; WILKINSON, Ian  
**(74)** Spruson & Ferguson
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- (71)** Mabwell (Shanghai) Bioscience Co., Ltd.  
**(11)** AU-A-2021260639  
**(21)** 2021260639 **(22)** 21.04.2021  
**(54)** Antibody against Nectin-4 and application thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )
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- A61K 38/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/213434  
**(31)** 202010320420.3 **(32)** 21.04.20 **(33)** CN  
**(43)** 28.10.2021  
**(72)** REN, Hongyuan; ZHU, Jian; LIN, Jian; WANG, Lichun; XU, Xiaohong; DENG, Xiaofang; BI, Jianjun; WANG, Jin; WU, Jian  
**(74)** Collison & Co
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- (71)** Magotteaux International S.A.  
**(11)** AU-A-2021278584  
**(21)** 2021278584 **(22)** 25.03.2021  
**(54)** Composite wear part  
**(51)** Int. Cl.  
**B02C 2/00** ( 2006.01 )  
**B02C 13/28** ( 2006.01 )  
**B22D 19/02** ( 2006.01 )  
**B22D 19/06** ( 2006.01 )  
**B22F 3/00** ( 2021.01 )  
**B22F 5/00** ( 2006.01 )  
**B22F 7/00** ( 2006.01 )  
**B22F 7/06** ( 2006.01 )  
**C22C 1/04** ( 2006.01 )  
**C22C 1/05** ( 2006.01 )  
**C22C 1/10** ( 2006.01 )  
**C22C 33/02** ( 2006.01 )  
**C22C 33/04** ( 2006.01 )  
**(87)** WO2021/239295  
**(31)** 20177458.5 **(32)** 29.05.20 **(33)** EP  
**(43)** 02.12.2021  
**(72)** BERTON, Guy  
**(74)** Spruson & Ferguson
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- (71)** MAKO Surgical Corp.  
**(11)** AU-A-2021315544  
**(21)** 2021315544 **(22)** 28.07.2021  
**(54)** Systems and methods for joint balancing  
**(51)** Int. Cl.  
**A61F 2/46** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
**(87)** WO2022/026581  
**(31)** 63/057,657 **(32)** 28.07.20 **(33)** US  
**(43)** 03.02.2022  
**(72)** CARTER, Matthew; WALKER, Matthew L.; LIU, Xiangyi; ALI, Azhar; DE MASSARI, Daniele; WUESTEMANN, Thies; WITVOET, Sietske; HAMPP, Emily; OTTO, Jason Karl; DUNN, Kelly; BECHTOLD, Kevin; LYON, Jenna  
**(74)** FB Rice Pty Ltd
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- (71)** Marel Limited  
**(11)** AU-A-2021277577  
**(21)** 2021277577 **(22)** 20.05.2021  
**(54)** Step-based systems with multiple actuators  
**(51)** Int. Cl.  
**G05B 19/40** ( 2006.01 )  
**H02P 8/40** ( 2006.01 )  
**(87)** WO2021/234397  
**(31)** 20176086.5 **(32)** 22.05.20 **(33)** EP  
**(43)** 25.11.2021  
**(72)** HOLMES, Ian  
**(74)** FB Rice Pty Ltd

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 (11) AU-A-2021280368  
 (21) 2021280368 (22) 21.05.2021  
 (54) Process for preparing pet food and pet food obtainable thereby  
 (51) Int. Cl.  
**A23K 50/48** (2016.01)  
**A23K 20/10** (2016.01)  
**A23K 20/20** (2016.01)  
 (87) WO2021/243351  
 (31) 102020114073.8 (32) 26.05.20 (33) DE  
 (43) 02.12.2021  
 (72) SCHLACHTER, Olaf; WIEDENHOFF, Jeanne; SCHLEBUSCH, Johannes; DOOLEY, Kathleen  
 (74) Griffith Hack
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- (71) Mars, Incorporated  
 (11) AU-A-2021283177  
 (21) 2021283177 (22) 01.06.2021  
 (54) System and method for chronic kidney disease of a dog  
 (51) Int. Cl.  
**G16H 50/20** (2018.01)  
**G16H 50/30** (2018.01)  
**G01N 33/68** (2006.01)  
**G16H 10/40** (2018.01)  
**G16H 20/40** (2018.01)  
**G16H 20/60** (2018.01)  
**G16H 50/70** (2018.01)  
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**(31)** 3,078,970 **(32)** 16.04.20 **(33)** CA  
**(43)** 21.10.2021  
**(72)** VOGT, Anja; MARTIN, Elia; CHAP-  
MAN, Bob; SANTOS, Jorge Henrique;  
JARDIM, José Gabriel Gomes  
**(74)** Spruson & Ferguson
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- (71)** National University Corporation Kum-  
amoto University  
**(11)** AU-A-2021266505  
**(21)** 2021266505 **(22)** 07.05.2021  
**(54)** Novel therapeutic agent for vascular  
disorder  
**(51)** Int. Cl.  
**A61K 31/439** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**A61P 9/14** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2021/225149  
**(31)** 2020-082511 **(32)** 08.05.20 **(33)** JP
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- (43)** 11.11.2021  
**(72)** ERA, Takumi; WATANABE, Sayaka;  
KUSAYANAGI, Tomoe  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Navigo Proteins GmbH  
**(11)** AU-A-2021309549  
**(21)** 2021309549 **(22)** 15.07.2021  
**(54)** Serum stable binding proteins for hu-  
man Her2 for theranostic applications  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )  
**(87)** WO2022/013376  
**(31)** 20186113.5 **(32)** 16.07.20 **(33)** EP  
21155334.2 04.02.21 EP  
**(43)** 20.01.2022  
**(72)** BOSSE-DOENECKE, Eva; GLOSER-  
BRÄUNIG, Manja; HAUPTS, Ulrich  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** Neoperl GmbH  
**(11)** AU-A-2021268096  
**(21)** 2021268096 **(22)** 05.05.2021  
**(54)** Hose, hose arrangement and corres-  
ponding process for manufacturing a  
hose arrangement  
**(51)** Int. Cl.  
**F16L 11/08** ( 2006.01 )  
**F16L 33/22** ( 2006.01 )  
**(87)** WO2021/224325  
**(31)** 20 2020 102 527.9 **(32)** 05.05.20 **(33)** DE  
**(43)** 11.11.2021  
**(72)** HÖPPNER, Jürgen; OECHSLE, Daniel;  
REINHARDT, Holger  
**(74)** PHILLIPS ORMONDE FITZPATRICK
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- (71)** Neophore Limited  
**(11)** AU-A-2021285414  
**(21)** 2021285414 **(22)** 01.06.2021  
**(54)** Inhibitors of MLH1 and/or PMS2 for  
cancer treatment  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/40** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
**A61K 31/4035** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61K 31/407** ( 2006.01 )  
**A61K 31/4462** ( 2006.01 )  
**C07D 207/06** ( 2006.01 )  
**C07D 207/12** ( 2006.01 )  
**C07D 209/44** ( 2006.01 )  
**C07D 211/04** ( 2006.01 )  
**C07D 211/42** ( 2006.01 )  
**C07D 217/06** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2021/245405  
**(31)** 2008201.2 **(32)** 01.06.20 **(33)** GB  
**(43)** 09.12.2021  
**(72)** BLAGG, Julian; ROFFEY, Jon; DRY-  
DALE, Martin; WINSHIP, Paul; CLARK,  
David  
**(74)** FB Rice Pty Ltd
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- (71)** Neozyme International, Inc.  
**(11)** AU-A-2021262738  
**(21)** 2021262738 **(22)** 26.04.2021  
**(54)** Dry powdered compositions and meth-  
ods and uses thereof  
**(51)** Int. Cl.  
**A23L 33/175** ( 2016.01 )  
**A23L 33/18** ( 2016.01 )  
**A61K 31/198** ( 2006.01 )  
**(87)** WO2021/222139  
**(31)** 63/015,637 **(32)** 26.04.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** DALE, Parker D.; JOHNSTON, Jay  
**(74)** Pizzey's Patent and Trade Mark Attor-  
neys Pty Ltd
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- (71)** NeRRe Therapeutics Limited  
**(11)** AU-A-2021285503  
**(21)** 2021285503 **(22)** 28.05.2021  
**(54)** Neurokinin (NK)-1 receptor antagonists  
for use in the treatment of pulmonary  
fibrosis conditions promoted by mech-  
anical injury to the lungs  
**(51)** Int. Cl.  
**A61K 31/438** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2021/245512  
**(31)** 63/033,279 **(32)** 02.06.20 **(33)** US  
**(43)** 09.12.2021  
**(72)** TROWER, Mike; PAWSEY, Stephen;  
KERR, Mary  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** Neurologix Pty Ltd  
**(11)** AU-A-2021265807  
**(21)** 2021265807 **(22)** 30.04.2021  
**(54)** Method, system and apparatus for in-  
vestigating or assessing eye or pupil  
movement  
**(51)** Int. Cl.  
**A61B 3/113** ( 2006.01 )  
**A61B 5/398** ( 2021.01 )  
**(87)** WO2021/217218  
**(31)** 2020901376 **(32)** 30.04.20 **(33)** AU  
**(43)** 04.11.2021  
**(72)** LEWKOWSKI, Katherine Ann; RAJAN,  
Gunesh P.; DEACON, Robert John  
**(74)** Westmark IP
- 
- (71)** Newco Jodito LLC  
**(11)** AU-A-2021272976  
**(21)** 2021272976 **(22)** 12.05.2021  
**(54)** Image projecting systems and methods  
**(51)** Int. Cl.  
**A47B 96/14** ( 2006.01 )  
**G03B 21/00** ( 2006.01 )  
**(87)** WO2021/231592  
**(31)** 63/023,750 **(32)** 12.05.20 **(33)** US  
63/129,336 22.12.20 US

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 (72) MCNEELEY, Carolyn; SZPAK, James Edward; YE, Danwei; DELLINGER, Shawn; DEMORE, Anthony; CAUTION, Stephen; KARNADI, Daniel; IZEN, Steve; ROHLER, David  
 (74) LAMINAR IP PTY LTD

(71) Nicoventures Trading Limited  
 (11) AU-A-2021256843  
 (21) 2021256843 (22) 19.04.2021  
 (54) Aerosol provision device and method  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
 (87) WO2021/209771  
 (31) 2005623.0 (32) 17.04.20 (33) GB  
 (43) 21.10.2021  
 (72) HOWARD, Matthew; POYNTON, Simon; VINTOLA, Tomi  
 (74) Spruson & Ferguson

(71) Nohms Technologies, Inc.  
 (11) AU-A-2021293776  
 (21) 2021293776 (22) 21.05.2021  
 (54) Modified ionic liquids containing bicyclic phosphite moiety  
 (51) Int. Cl.  
*H01G 11/58* ( 2013.01 )  
*C08K 5/00* ( 2006.01 )  
*C08K 5/527* ( 2006.01 )  
*H01G 11/60* ( 2013.01 )  
*H01G 11/62* ( 2013.01 )  
 (87) WO2021/257242  
 (31) 63/030,384 (32) 27.05.20 (33) US  
 (43) 23.12.2021  
 (72) MOGANTY, Surya; WU, Yue; TORRES, Gabriel; VAIDYA, Rutvik; ZHU, Xiaojing; SINICROPI, John  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nokia Technologies Oy  
 (11) AU-A-2020441580  
 (21) 2020441580 (22) 06.04.2020  
 (54) Reporting beam failure  
 (51) Int. Cl.  
*H04W 24/10* ( 2009.01 )  
 (87) WO2021/203223  
 (43) 14.10.2021  
 (72) TURTIENEN, Samuli; KOSKELA, Timo; WU, Chunli  
 (74) WRAYS PTY LTD

(71) Nthalmic Holding Pty Ltd  
 (11) AU-A-2021277096  
 (21) 2021277096 (22) 19.05.2021  
 (54) Methods and apparatus to manage meibomian gland deficiencies  
 (51) Int. Cl.  
*A61F 9/04* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 18/04* ( 2006.01 )  
*A61F 7/00* ( 2006.01 )  
*A61H 23/00* ( 2006.01 )  
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 2020901617 20.05.20 AU

(43) 25.11.2021  
 (72) BAKARAJU, Ravi Chandra; EHRMANN, Klaus  
 (74) NTHALMIC HOLDING PTY LTD

(71) Nuovo Pignone Tecnologie - S.r.l.  
 (11) AU-A-2021266564  
 (21) 2021266564 (22) 29.04.2021  
 (54) Centrifugal compressor and method of operating the centrifugal compressor to produce a uniform inlet flow of process gas  
 (51) Int. Cl.  
*F04D 29/42* ( 2006.01 )  
 (87) WO2021/223912  
 (31) 10202000010297 (32) 08.05.20 (33) IT  
 (43) 11.11.2021  
 (72) QUERCIA, Marco; SASSANELLI, Giuseppe; CORBO, Simone; GRIMALDI, Angelo  
 (74) Patent Attorney Services

(71) Nuovo Pignone Tecnologie - S.r.l.  
 (11) AU-A-2021268063  
 (21) 2021268063 (22) 23.04.2021  
 (54) Reciprocating compressor with a jacket around the piston rod  
 (51) Int. Cl.  
*F04B 39/00* ( 2006.01 )  
*F04B 39/12* ( 2006.01 )  
*F04B 53/00* ( 2006.01 )  
*F04B 53/16* ( 2006.01 )  
 (87) WO2021/223909  
 (31) 102020000009730 (32) 04.05.20 (33) IT  
 (43) 11.11.2021  
 (72) CHANDRASHEKAR, Manjunatha Mugulavalli  
 (74) Patent Attorney Services

(71) Nuovo Pignone Tecnologie - S.r.l.  
 (11) AU-A-2021268906  
 (21) 2021268906 (22) 23.04.2021  
 (54) Gas turbines in mechanical drive applications and operating methods thereof  
 (51) Int. Cl.  
*F02C 3/10* ( 2006.01 )  
*F02C 7/36* ( 2006.01 )  
 (87) WO2021/223910  
 (31) 102020000009721 (32) 04.05.20 (33) IT  
 (43) 11.11.2021  
 (72) SANTINI, Marco; SCARPONI, Marco  
 (74) Patent Attorney Services

(71) Nykode Therapeutics ASA  
 (11) AU-A-2021252155  
 (21) 2021252155 (22) 09.04.2021  
 (54) Individualized therapeutic anticancer vaccine  
 (51) Int. Cl.  
*A61K 39/00* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
 (87) WO2021/205027  
 (31) PA 2020 70221 (32) 09.04.20 (33) DK  
 PA 2020 70338 26.05.20 DK

(43) 14.10.2021  
 (72) FREDRIKSEN, Agnete Brunsvik; SEKELJA, Monika; SCHJETNE, Karoline; GRANUM, Stine  
 (74) FB Rice Pty Ltd

(71) Nykode Therapeutics ASA  
 (11) AU-A-2021262521  
 (21) 2021262521 (22) 03.05.2021  
 (54) Betacoronavirus prophylaxis and therapy  
 (51) Int. Cl.  
*C07K 14/165* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2021/219897  
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 PA 2021 70069 15.02.21 DK

(43) 04.11.2021  
 (72) FREDRIKSEN, Agnete Brunsvik; SEKELJA, Monika; SCHJETNE, Karoline; NORHEIM, Gunnstein; STUBSRUD, Elisabeth  
 (74) FB Rice Pty Ltd

(71) Ocado Innovation Limited  
 (11) AU-A-2021255118  
 (21) 2021255118 (22) 19.04.2021  
 (54) Multitemperature storage system  
 (51) Int. Cl.  
*B65G 1/04* ( 2006.01 )  
*B65G 1/137* ( 2006.01 )  
*F25D 13/04* ( 2006.01 )  
*F25D 17/00* ( 2006.01 )  
*F25D 17/02* ( 2006.01 )  
*F25D 25/00* ( 2006.01 )  
*F25D 25/04* ( 2006.01 )  
*F25D 29/00* ( 2006.01 )

(87) WO2021/209648  
 (31) 2005636.2 (32) 17.04.20 (33) GB  
 (43) 21.10.2021  
 (72) MEUTH, Benjamin; REID, Brian; BOATENG, Eric; CHAPLIN, Fliss; EVANS, Gavin; CRISTESCU, Ovi; TAHIR, Ribka  
 (74) James & Wells Intellectual Property

(71) Ocado Innovation Limited  
 (11) AU-A-2021277527  
 (21) 2021277527 (22) 21.05.2021  
 (54) Storage, growing systems and methods  
 (51) Int. Cl.  
*A01G 9/14* ( 2006.01 )  
*A01G 9/04* ( 2006.01 )  
*A01G 9/08* ( 2006.01 )  
*A01G 31/06* ( 2006.01 )

(87) WO2021/234147  
 (31) 2007654.3 (32) 22.05.20 (33) GB  
 (43) 25.11.2021  
 (72) LINDBO, Lars Sverker Ture  
 (74) James & Wells Intellectual Property



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 (11) AU-A-2021263411  
 (21) 2021263411 (22) 29.04.2021  
 (54) Negatively charged particles for the treatment of Cytokine Storm Syndrome (CSS) and Acute Respiratory Distress Syndrome (ARDS)  
 (51) Int. Cl.  
 A61K 31/44 (2006.01)  
 A61K 31/445 (2006.01)  
 A61P 9/10 (2006.01)  
 (87) WO2021/222565  
 (31) 63/018,210 (32) 30.04.20 (33) US  
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 63/128,386 21.12.20 US  
 (43) 04.11.2021  
 (72) PUISIS, John; HERRMANN, Jim  
 (74) RNB IP PTY LTD
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- (71) Ono Pharmaceutical Co., Ltd.  
 (11) AU-A-2021268223  
 (21) 2021268223 (22) 06.05.2021  
 (54) 3-azabicyclo(3.1.0)hexane derivatives having KDM5 inhibitory activity and use thereof  
 (51) Int. Cl.  
 C07D 403/12 (2006.01)  
 A61K 31/4178 (2006.01)  
 A61K 31/42 (2006.01)  
 A61K 31/4245 (2006.01)  
 A61P 25/28 (2006.01)  
 A61P 35/00 (2006.01)  
 C07D 403/14 (2006.01)  
 C07D 413/14 (2006.01)  
 (87) WO2021/223699  
 (31) PCT/ (32) 07.05.20 (33) CN  
 CN2020/088925  
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 (72) KAKUUCHI, Akito; UMEMURA, Shuhei; ASADA, Masaki; RUVINSKY, Anatoly; ZHANG, Yan; TAKAHASHI, Hidenori; KRILOV, Goran; INOYAMA, Daigo; KONZE, Kyle; SVENSSON, Mats  
 (74) Spruson & Ferguson
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- (71) On Target Laboratories, LLC  
 (11) AU-A-2020447660  
 (21) 2020447660 (22) 24.09.2020  
 (54) Use of targeted fluorescent markers in combination with a flexible probe  
 (51) Int. Cl.  
 A61B 5/00 (2006.01)  
 A61B 1/04 (2006.01)  
 A61B 1/06 (2006.01)  
 A61K 49/00 (2006.01)  
 G01N 21/64 (2006.01)  
 G01N 33/52 (2006.01)  
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 (31) 63/023,855 (32) 12.05.20 (33) US  
 16/998,587 20.08.20 US  
 (43) 18.11.2021  
 (72) KULARATNE, Sumith A.; LUNDGREN, Benjamin  
 (74) Blue Penguin IP Ltd
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- (71) Open Inductions Pty Ltd  
 (11) AU-A-2021246540  
 (21) 2021246540 (22) 29.03.2021  
 (54) Fluid drawing induction motor
- (51) Int. Cl.  
 H02K 7/14 (2006.01)  
 B64C 11/00 (2006.01)  
 (87) WO2021/195695  
 (31) 2020901019 (32) 02.04.20 (33) AU  
 (43) 07.10.2021  
 (72) EVANS, Rizal Ibrahim Salib  
 (74) Michael Buck IP
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- (71) Optos PLC  
 (11) AU-A-2020447271  
 (21) 2020447271 (22) 14.05.2020  
 (54) Retinal image processing  
 (51) Int. Cl.  
 G06K 9/00 (2006.01)  
 G06K 9/62 (2006.01)  
 (87) WO2021/228395  
 (43) 18.11.2021  
 (72) WAKEFORD, Peter Robert; PEL-LEGRINI, Enrico  
 (74) FB Rice Pty Ltd
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- (71) Orthodontic Research and Development, S.L.  
 (11) AU-A-2021266584  
 (21) 2021266584 (22) 30.04.2021  
 (54) Orthodontic device  
 (51) Int. Cl.  
 A61C 7/30 (2006.01)  
 A61C 7/00 (2006.01)  
 (87) WO2021/224135  
 (31) 20382367.9 (32) 04.05.20 (33) EP  
 (43) 11.11.2021  
 (72) CARRIERE LLUCH, Luis  
 (74) Griffith Hack
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- (71) Ortho Pediatrics Corp.; Mccarthy, R.; Snyder, B.; Lyhmann, S.; Sanders, J.; Bumpass, D.; Schwend, R.M.; Detlefsen, R.; Prygoski, M.; Powers, C.M.; Gibbs, C.; Lengyel, R.; Fugett, D.; Daniels, D.W.  
 (11) AU-A-2021253951  
 (21) 2021253951 (22) 09.04.2021  
 (54) Methods and apparatus for guided spinal growth  
 (51) Int. Cl.  
 A61B 17/70 (2006.01)  
 A61B 17/56 (2006.01)  
 A61B 17/64 (2006.01)  
 A61B 17/66 (2006.01)  
 (87) WO2021/207674  
 (31) 63/106,564 (32) 28.10.20 (33) US  
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 (43) 14.10.2021  
 (72) MCCARTHY, Richard; SNYDER, Brian; LUHMANN, Scott; SANDERS, James; BUMPASS, David; SCHWEND, Richard M.; DETLEFSEN, Richard; PRYGOSKI, Matthew; POWERS, Chris M.; GIBBS, Collin; LENGYEL, Rebecca; FUGETT, Darren; DANIELS, David W.  
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) OURS Technology, LLC  
 (11) AU-A-2021288211  
 (21) 2021288211 (22) 11.06.2021  
 (54) Lidar beam walk-off correction  
 (51) Int. Cl.  
 G01S 7/481 (2006.01)  
 G01S 7/499 (2006.01)  
 G01S 17/34 (2020.01)  
 G01S 17/42 (2006.01)  
 G01S 17/894 (2020.01)  
 G01S 17/931 (2020.01)  
 (87) WO2021/252894  
 (31) 63/038,450 (32) 12.06.20 (33) US  
 17/343,511 09.06.21 US  
 (43) 16.12.2021  
 (72) MICHAELS, Andrew Steil; LIN, Sen  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) OURS Technology, LLC  
 (11) AU-A-2021300366  
 (21) 2021300366 (22) 30.06.2021  
 (54) Semiconductor laser and optical amplifier photonic package  
 (51) Int. Cl.  
 H01S 5/026 (2006.01)  
 G01S 17/02 (2020.01)  
 G02B 6/12 (2006.01)  
 G02B 6/42 (2006.01)  
 H01S 5/00 (2006.01)  
 H01S 5/02208 (2021.01)  
 H01S 5/02255 (2021.01)  
 H01S 5/02315 (2021.01)  
 H01S 5/02326 (2021.01)  
 H01S 5/50 (2006.01)  
 G01S 7/481 (2006.01)  
 H01S 5/0683 (2006.01)  
 (87) WO2022/006345  
 (31) 63/046,906 (32) 01.07.20 (33) US  
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 (43) 06.01.2022  
 (72) WANG, Lei; LIN, Sen; MICHAELS, Andrew Steil  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Packaging One Limited  
 (11) AU-A-2021252177  
 (21) 2021252177 (22) 30.03.2021  
 (54) Wrap around container  
 (51) Int. Cl.

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**B65D 5/50** ( 2006.01 )  
**B65D 75/14** ( 2006.01 )  
**B65D 81/127** ( 2006.01 )  
**(87)** WO2021/205142  
**(31)** 2005304.7 **(32)** 09.04.20 **(33)** GB  
**(43)** 14.10.2021  
**(72)** CHESWORTH, Ian Neil  
**(74)** Spruson & Ferguson

**(71)** Paige.AI, Inc.  
**(11)** AU-A-2021267894  
**(21)** 2021267894 **(22)** 06.05.2021  
**(54)** Systems and methods to process electronic images to determine salient information in digital pathology  
**(51)** Int. Cl.  
**G16H 30/40** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**(87)** WO2021/226322  
**(31)** 63/021,955 **(32)** 08.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** SUE, Jillian; FUCHS, Thomas; KANAN, Christopher  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Paige.AI, Inc.  
**(11)** AU-A-2021292302  
**(21)** 2021292302 **(22)** 17.06.2021  
**(54)** Systems and methods to process electronic images to produce a tissue map visualization  
**(51)** Int. Cl.  
**G06T 7/11** ( 2017.01 )  
**G06T 7/194** ( 2017.01 )  
**G06T 11/00** ( 2006.01 )  
**(87)** WO2021/257809  
**(31)** 63/041,778 **(32)** 19.06.20 **(33)** US  
**(43)** 23.12.2021  
**(72)** LOCKE, Jason; SUE, Jillian; KANAN, Christopher; IH, Sese  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Paragon 28, Inc.  
**(11)** AU-A-2021257263  
**(21)** 2021257263 **(22)** 16.04.2021  
**(54)** Tibial osteotomy system, instruments, and related methods  
**(51)** Int. Cl.  
**A61B 17/15** ( 2006.01 )  
**(87)** WO2021/211993  
**(31)** 63/011,737 **(32)** 17.04.20 **(33)** US  
**(43)** 21.10.2021  
**(72)** DACOSTA, Albert; BRINKER, Laura Zagrocki; HUNT, Richard David; BERNHARDT, Dirk C.; FAJARDO COR- TES, Kareen A.; MCLEAN, Joshua A.; OKONYA, Andrew A.; REQUIST, Melissa R.  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Paratek Pharmaceuticals Inc.  
**(11)** AU-A-2021288202  
**(21)** 2021288202 **(22)** 11.06.2021  
**(54)** Crystalline forms of omadacycline, methods of synthesis thereof and methods of use thereof

**(51)** Int. Cl.  
**C07C 237/26** ( 2006.01 )  
**(87)** WO2021/252876  
**(31)** 63/037,807 **(32)** 11.06.20 **(33)** US  
**(43)** 16.12.2021  
**(72)** WARCHOL, Tadeusz; JOHNSTON, Sean M.  
**(74)** FB Rice Pty Ltd

**(71)** PayPal, Inc.  
**(11)** AU-A-2021273182  
**(21)** 2021273182 **(22)** 11.05.2021  
**(54)** Account rebalancing daemon for use with secure digital asset custodians  
**(51)** Int. Cl.  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/10** ( 2012.01 )  
**G06Q 20/36** ( 2012.01 )  
**G06Q 20/38** ( 2012.01 )  
**(87)** WO2021/231403  
**(31)** 16/875,839 **(32)** 15.05.20 **(33)** US  
**(43)** 18.11.2021  
**(72)** DALTON, Charles Gabriel Neale  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** PayPal, Inc.  
**(11)** AU-A-2021274705  
**(21)** 2021274705 **(22)** 14.05.2021  
**(54)** Error resolution for interactions with user pages  
**(51)** Int. Cl.  
**G06F 11/00** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2021/236431  
**(31)** 16/878,358 **(32)** 19.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** YERRADODDI, Chengal Reddy; MALLAMPALLI, Phanendra; CHER- UKURI, Rajesh; PORTS, Jesse Stuart; CHADALAWADA, Venkata Naga Sai Ranga Rao  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** PayPal, Inc.  
**(11)** AU-A-2021278901  
**(21)** 2021278901 **(22)** 19.05.2021  
**(54)** Watermark as honeypot for adversarial defense  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
**H01J 49/00** ( 2006.01 )  
**(87)** WO2021/242584  
**(31)** 16/887,381 **(32)** 29.05.20 **(33)** US  
**(43)** 02.12.2021  
**(72)** ZHANG, Jiyi  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Peregrine Ophthalmic Pte Ltd.  
**(11)** AU-A-2020448839  
**(21)** 2020448839 **(22)** 11.06.2020  
**(54)** Methods and compositions for reducing adipocyte numbers  
**(51)** Int. Cl.  
**A61K 31/215** ( 2006.01 )

**A61K 9/127** ( 2006.01 )  
**A61K 47/14** ( 2017.01 )  
**(87)** WO2021/236128  
**(31)** 16/880,531 **(32)** 21.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** SU, Shih-Horng; HOWDEN, Tina  
**(74)** Eagar & Associates Pty Ltd

**(71)** PharmaBlock Sciences (Nanjing), Inc.  
**(11)** AU-A-2021259814  
**(21)** 2021259814 **(22)** 25.04.2021  
**(54)** CBP/EP300 inhibitor and use thereof  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/475** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 413/04** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )

**(87)** WO2021/213521  
**(31)** 202010335713.9 **(32)** 25.04.20 **(33)** CN  
**(43)** 28.10.2021  
**(72)** WANG, Lisha; ZHANG, Enge; LI, Jin  
**(74)** GLMR

**(71)** Philip Morris Products S.A.  
**(11)** AU-A-2021274841  
**(21)** 2021274841 **(22)** 18.05.2021  
**(54)** Aerosol-generating article comprising a flame-retardant  
**(51)** Int. Cl.  
**A24D 1/02** ( 2006.01 )  
**A24D 1/20** ( 2020.01 )  
**(87)** WO2021/233914  
**(31)** 20386024.2 **(32)** 19.05.20 **(33)** EP  
**(43)** 25.11.2021  
**(72)** PAPAKYRILLOU, Stefanos  
**(74)** James & Wells Intellectual Property

**(71)** Philip Morris Products S.A.  
**(11)** AU-A-2021274843  
**(21)** 2021274843 **(22)** 18.05.2021  
**(54)** Modified aerosol-generating article with flame retardant wrapper  
**(51)** Int. Cl.  
**A24D 1/02** ( 2006.01 )  
**A24D 1/20** ( 2020.01 )  
**(87)** WO2021/233918  
**(31)** 20386023.4 **(32)** 19.05.20 **(33)** EP  
**(43)** 25.11.2021  
**(72)** JORDIL, Yves; PAPAKYRILLOU, Stefanos  
**(74)** James & Wells Intellectual Property

**(71)** Pioneer Hi-Bred International, Inc.  
**(11)** AU-A-2021283808  
**(21)** 2021283808 **(22)** 11.05.2021  
**(54)** Maize event DP-915635-4 and methods for detection thereof  
**(51)** Int. Cl.

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

- C12N 15/82** ( 2006.01 )  
**A23L 7/10** ( 2016.01 )  
**C12Q 1/6895** ( 2018.01 )  
**(87)** WO2021/247204  
**(31)** 63/033,994 **(32)** 03.06.20 **(33)** US  
 63/116,192 20.11.20 US  
**(43)** 09.12.2021  
**(72)** CHRISTENSEN, Heather Marie;  
 CONG, Bin; CRANE, Virginia; HAR-  
 MON, Matthew Curtis; JAUREGUY, Lu-  
 ciano M; KLEVER, Jeffrey; LU, Albert  
 L.; RINEHART KREBS, Kristen Denise;  
 ROSS, Margit C  
**(74)** Oxygene IP
- 
- (71)** Pipes & Fittings Eqofluids S.L.  
**(11)** AU-A-2021267606  
**(21)** 2021267606 **(22)** 30.04.2021  
**(54)** Integrated joining system in tubular fluid  
 distribution elements  
**(51)** Int. Cl.  
**F16L 21/03** ( 2006.01 )  
**F16L 3/10** ( 2006.01 )  
**F16L 21/06** ( 2006.01 )  
**F16L 21/08** ( 2006.01 )  
**F16L 23/08** ( 2006.01 )  
**(87)** WO2021/223913  
**(31)** 10202000009817 **(32)** 05.05.20 **(33)** IT  
**(43)** 11.11.2021  
**(72)** DI LIBERTO, Luca; GRANATA, Giac-  
 omo; CERDA, Miguel  
**(74)** HENRY HUGHES IP LTD
- 
- (71)** Ponjavić, K.  
**(11)** AU-A-2021270055  
**(21)** 2021270055 **(22)** 07.05.2021  
**(54)** Smart device and method for safe dis-  
 posal or infectious medical waste using  
 UV light  
**(51)** Int. Cl.  
**A61L 2/10** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**(87)** WO2021/226680  
**(31)** BAP203357 **(32)** 11.05.20 **(33)** BA  
**(43)** 18.11.2021  
**(72)** PONJAVIĆ, Katarina  
**(74)** Denmeyer & Associates
- 
- (71)** PPG Industries Ohio, Inc.  
**(11)** AU-A-2021257418  
**(21)** 2021257418 **(22)** 20.01.2021  
**(54)** Compositions containing thermally con-  
 ductive fillers  
**(51)** Int. Cl.  
**C08K 3/22** ( 2006.01 )  
**H01M 10/60** ( 2014.01 )  
**H01M 10/613** ( 2014.01 )  
**H01M 10/625** ( 2014.01 )  
**H01M 10/653** ( 2014.01 )  
**H05K 1/02** ( 2006.01 )  
**H05K 3/28** ( 2006.01 )  
**(87)** WO2021/211183  
**(31)** 63/010,448 **(32)** 15.04.20 **(33)** US  
 PCT/ 15.07.20 US  
 US2020/042099  
**(43)** 21.10.2021  
**(72)** MA, Liang; POLLUM Jr., Marvin M.;  
 MUNRO, Calum H.; FRENCH, Maria
- 
- S.; CONDIE, Allison G.; MEZZANOTTI,  
 Fabien; LÉON, Josiane; LI, Hong  
**(74)** Minter Ellison
- 
- (71)** Prairie Lithium Corporation  
**(11)** AU-A-2021267295  
**(21)** 2021267295 **(22)** 29.04.2021  
**(54)** Methods and systems for recovery of  
 valuable target species from brine solu-  
 tions  
**(51)** Int. Cl.  
**B01D 15/08** ( 2006.01 )  
**C01B 39/00** ( 2006.01 )  
**C01D 15/00** ( 2006.01 )  
**(87)** WO2021/223014  
**(31)** 63/021,498 **(32)** 07.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** IRELAND, Ian  
**(74)** Spruson & Ferguson
- 
- (71)** Preomics GmbH  
**(11)** AU-A-2021251316  
**(21)** 2021251316 **(22)** 12.03.2021  
**(54)** Pre-fractionation for mass spectromet-  
 ric analysis  
**(51)** Int. Cl.  
**G01N 30/34** ( 2006.01 )  
**(87)** WO2021/204495  
**(31)** 20168645.8 **(32)** 08.04.20 **(33)** EP  
**(43)** 14.10.2021  
**(72)** JOHANSSON, Sebastian H.; KULAK,  
 Nils A.  
**(74)** Dentons Patent Attorneys Australasia  
 Limited
- 
- (71)** Presagen Pty Ltd  
**(11)** AU-A-2021245268  
**(21)** 2021245268 **(22)** 30.03.2021  
**(54)** Method for artificial intelligence (AI)  
 model selection  
**(51)** Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**G06N 3/08** ( 2006.01 )  
**G06N 20/20** ( 2019.01 )  
**G06V 10/28** ( 2022.01 )  
**G06V 30/162** ( 2022.01 )  
**(87)** WO2021/195689  
**(31)** 202090142 **(32)** 03.04.20 **(33)** AU  
**(43)** 07.10.2021  
**(72)** HALL, Jonathan Michael MacGilliv-  
 ray; PERUGINI, Donato; PERUGINI,  
 Michelle; NGUYEN, Tuc Van; DAKKA,  
 Milad Abou  
**(74)** Madderns Pty Ltd
- 
- (71)** Primewan Limited  
**(11)** AU-A-2021271897  
**(21)** 2021271897 **(22)** 30.04.2021  
**(54)** Virtual network  
**(51)** Int. Cl.  
**H04L 12/46** ( 2006.01 )  
**H04L 45/02** ( 2022.01 )  
**H04L 45/50** ( 2022.01 )  
**H04L 45/74** ( 2022.01 )  
**(87)** WO2021/227905  
**(31)** 16/872,153 **(32)** 11.05.20 **(33)** US
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- (43)** 18.11.2021  
**(72)** LI, Ming; JIA, Yuan Yang  
**(74)** Murray Trento & Associates Pty Ltd
- 
- (71)** Profile Products L.L.C.  
**(11)** AU-A-2021266771  
**(21)** 2021266771 **(22)** 07.05.2021  
**(54)** Container substrate compression pro-  
 cess and product  
**(51)** Int. Cl.  
**A01G 24/23** ( 2018.01 )  
**(87)** WO2021/226435  
**(31)** 63/021,533 **(32)** 07.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** NORDEN, Daniel Scott; KNAUER, Ry-  
 an Michael; BOWERS, Gary Lane;  
 SPITTLE, Kevin Scott  
**(74)** Adams Pluck
- 
- (71)** Promethean Limited  
**(11)** AU-A-2021265343  
**(21)** 2021265343 **(22)** 30.04.2021  
**(54)** Data processing systems for providing  
 a data communication channel between  
 one or more connected computing  
 devices and an interactive display  
**(51)** Int. Cl.  
**G06F 3/14** ( 2006.01 )  
**G06F 3/147** ( 2006.01 )  
**(87)** WO2021/220244  
**(31)** 63/018,800 **(32)** 01.05.20 **(33)** US  
**(43)** 04.11.2021  
**(72)** WAREING, Paul; TITTERINGTON,  
 Ben; EDWARDSON, Andrew  
**(74)** AJ PARK
- 
- (71)** Psilera Inc.  
**(11)** AU-A-2021268204  
**(21)** 2021268204 **(22)** 07.05.2021  
**(54)** Novel compositions of matter and phar-  
 maceutical compositions  
**(51)** Int. Cl.  
**A61K 31/4045** ( 2006.01 )  
**A61K 31/455** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**(87)** WO2021/226416  
**(31)** 63/134,805 **(32)** 07.01.21 **(33)** US  
 63/021,866 08.05.20 US  
 63/106,516 28.10.20 US  
**(43)** 11.11.2021  
**(72)** WITOWSKI, Christopher; SALM, Jac-  
 queline  
**(74)** Spruson & Ferguson
- 
- (71)** Purisys, LLC  
**(11)** AU-A-2021265825  
**(21)** 2021265825 **(22)** 29.04.2021  
**(54)** Methods of preparing synthetic can-  
 nabichromene and cannabicitran and  
 derivatives thereof  
**(51)** Int. Cl.  
**C07D 311/58** ( 2006.01 )  
**C07D 311/70** ( 2006.01 )  
**C07D 311/80** ( 2006.01 )  
**(87)** WO2021/222609  
**(31)** 63/019,063 **(32)** 01.05.20 **(33)** US

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

- (43) 04.11.2021  
 (72) ZHANG, Wen-Chun; HONEYCUTT, Aaron P.  
 (74) FB Rice Pty Ltd
- 
- (71) Pylum Biosciences, Inc.  
 (11) AU-A-2021252924  
 (21) 2021252924 (22) 06.04.2021  
 (54) Enterocins and methods of using the same  
 (51) Int. Cl.  
*C12N 15/75* ( 2006.01 )  
*C07K 14/195* ( 2006.01 )  
*C07K 14/315* ( 2006.01 )  
*C12N 15/52* ( 2006.01 )  
 (87) WO2021/207260  
 (31) 63/006,376 (32) 07.04.20 (33) US  
 (43) 14.10.2021  
 (72) GEBHART, Dana; SCHOLL, Dean  
 (74) AJ PARK
- 
- (71) Qingdao Highway IOT Technology Co., Ltd.; MESNAC Co., Ltd.  
 (11) AU-A-2021258870  
 (21) 2021258870 (22) 16.04.2021  
 (54) Label grabbing method and grabbing mechanism  
 (51) Int. Cl.  
*B65C 9/06* ( 2006.01 )  
*B25J 9/00* ( 2006.01 )  
*B65H 5/08* ( 2006.01 )  
 (87) WO2021/213277  
 (31) 202010335322.7 (32) 24.04.20 (33) CN  
 (43) 28.10.2021  
 (72) CHEN, Haijun; DONG, Lanfei; WANG, Luxin; YAO, Yong  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-A-2021296460  
 (21) 2021296460 (22) 24.06.2021  
 (54) Attribute parameter coding for geometry-based point cloud compression  
 (51) Int. Cl.  
*G06T 9/00* ( 2006.01 )  
*H04N 19/597* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
 (87) WO2021/262936  
 (31) 63/044,931 (32) 26.06.20 (33) US  
 17/355,414 23.06.21 US  
 (43) 30.12.2021  
 (72) RAMASUBRAMONIAN, Adarsh Krishnan; RAY, Bappaditya; VAN DER AUWERA, Geert; KEROFISKY, Louis Joseph; KARCZEWICZ, Marta  
 (74) Madderns Pty Ltd
- 
- (71) Rambam Med-Tech Ltd.; Technion Research & Development Foundation Limited  
 (11) AU-A-2021268129  
 (21) 2021268129 (22) 06.05.2021  
 (54) Composition for use in the treatment of ApoL1-associated disease  
 (51) Int. Cl.  
*C07D 239/96* ( 2006.01 )  
*A61K 31/451* ( 2006.01 )
- 
- (71) RapidDeploy, Inc.  
 (11) AU-A-2021248558  
 (21) 2021248558 (22) 30.03.2021  
 (54) Emergency call data aggregation and visualization  
 (51) Int. Cl.  
*H04W 4/90* ( 2018.01 )  
*H04W 4/029* ( 2018.01 )  
*H04W 76/50* ( 2018.01 )  
 (87) WO2021/202448  
 (31) 63/002,672 (32) 31.03.20 (33) US  
 17/116,056 09.12.20 US  
 (43) 07.10.2021  
 (72) EK, Reinhard; SHANNON, Brooks Thomas  
 (74) Spruson & Ferguson
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- (71) Raytheon Company  
 (11) AU-A-2021291926  
 (21) 2021291926 (22) 15.04.2021  
 (54) Collaborative robot line management system  
 (51) Int. Cl.  
*B25J 19/00* ( 2006.01 )  
 (87) WO2021/257170  
 (31) 16/903,291 (32) 16.06.20 (33) US  
 (43) 23.12.2021  
 (72) GRELLA, Joseph E.  
 (74) RnB IP Pty Ltd
- 
- (71) RCAM Technologies, INC.  
 (11) AU-A-2021254256  
 (21) 2021254256 (22) 09.04.2021  
 (54) Marine-pumped hydroelectric energy storage  
 (51) Int. Cl.  
*F03B 13/06* ( 2006.01 )  
*F03B 3/04* ( 2006.01 )  
*F03B 11/00* ( 2006.01 )  
*F03B 13/10* ( 2006.01 )  
 (87) WO2021/207588  
 (31) 63/007,558 (32) 09.04.20 (33) US  
 (43) 14.10.2021  
 (72) COTRELL, Jason Rust  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Ready Credit Corporation; Reverse ATM LLC  
 (11) AU-A-2021257343  
 (21) 2021257343 (22) 16.04.2021
- 
- (54) Issuing a virtual value-bearing card associated with only nonpersonally identifying information from a kiosk  
 (51) Int. Cl.  
*G06Q 20/18* ( 2012.01 )  
*G06Q 20/10* ( 2012.01 )  
 (87) WO2021/212030  
 (31) 63/011,559 (32) 17.04.20 (33) US  
 63/065,715 14.08.20 US  
 (43) 21.10.2021  
 (72) HILAL, George Anthony; HEDBERG, Brian J.; SMITH, Thomas D.  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) Reata Pharmaceuticals Holdings, LLC  
 (11) AU-A-2021273460  
 (21) 2021273460 (22) 07.05.2021  
 (54) Methods of treating covid-19 using bardoaxolone methyl or analogs thereof  
 (51) Int. Cl.  
*A61K 31/56* ( 2006.01 )  
*A61K 31/675* ( 2006.01 )  
*A61K 39/42* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
 (87) WO2021/231208  
 (31) 63/022,479 (32) 09.05.20 (33) US  
 63/053,056 17.07.20 US  
 (43) 18.11.2021  
 (72) FERGUSON, Deborah; WIGLEY, W. Christian; MEYER, Colin; HUFF, J. Warren; KRAL, Robert M. Jr.  
 (74) RnB IP
- 
- (71) Reckitt Benckiser Finish B.V.  
 (11) AU-A-2021269861  
 (21) 2021269861 (22) 17.05.2021  
 (54) Packaging article  
 (51) Int. Cl.  
*B65D 73/00* ( 2006.01 )  
 (87) WO2021/229098  
 (31) 2007233.6 (32) 15.05.20 (33) GB  
 (43) 18.11.2021  
 (72) LINK, Rainer  
 (74) Spruson & Ferguson
- 
- (71) Recurium IP Holdings, LLC  
 (11) AU-A-2021271844  
 (21) 2021271844 (22) 12.05.2021  
 (54) Mono- and combination therapies  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
*A61K 31/5355* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
 (87) WO2021/231653  
 (31) 63/025,490 (32) 15.05.20 (33) US  
 63/040,832 18.06.20 US  
 63/089,419 08.10.20 US  
 63/160,325 12.03.21 US  
 63/161,828 16.03.21 US  
 (43) 18.11.2021  
 (72) SAMATAR, Ahmed Abdi; LI, Jiali; HUANG, Peter Qinhua; BUNKER, Kevin Duane; DONATE, Fernando; BOREN, Brant Clayton  
 (74) Griffith Hack

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

<p>(71) Red Surcos Colombia S.A.S.                      (11) AU-A-2020446030                      (21) 2020446030 (22) 30.07.2020                      (54) Promethrin composition in form of microemulsion                      (51) Int. Cl.                      A01N 43/70 (2006.01)                      A01N 25/04 (2006.01)                      A01N 39/04 (2006.01)                      A01P 13/02 (2006.01)                      (87) WO2021/224670                      (31) P20200101331 (32) 08.05.20 (33) AR                      (43) 11.11.2021                      (72) GALÁN ROMANO, Félix Silvestre                      (74) Griffith Hack</p>	<p>A61K 39/00 (2006.01)                      (87) WO2022/006305                      (31) 63/047,126 (32) 01.07.20 (33) US                      63/129,253 22.12.20 US                      (43) 06.01.2022                      (72) ATANASIO, Amanda; HERMAN, Gary; O'BRIEN, Meagan P.; ORENGO, Jamie M.; PERLEE, Lorah                      (74) Spruson &amp; Ferguson</p>	<p>(87) WO2021/220247                      (31) 63/018,358 (32) 30.04.20 (33) US                      (43) 04.11.2021                      (72) SHOULDICE, Redmond                      (74) Griffith Hack</p>
<p>(71) Refractory Intellectual Property GmbH &amp; Co. KG                      (11) AU-A-2021311781                      (21) 2021311781 (22) 04.06.2021                      (54) Slide gate on the spout of a metallurgical vessel                      (51) Int. Cl.                      B22D 41/24 (2006.01)                      B22D 41/34 (2006.01)                      B22D 41/38 (2006.01)                      B22D 41/40 (2006.01)                      (87) WO2022/017673                      (31) 20186977.3 (32) 21.07.20 (33) EP                      (43) 27.01.2022                      (72) HEINRICH, Beat; COUSIN, Jean-Daniel                      (74) Allen &amp; Associates</p>	<p>(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.                      (11) AU-A-2021272833                      (21) 2021272833 (22) 12.05.2021                      (54) A valve                      (51) Int. Cl.                      F16K 17/30 (2006.01)                      F16K 5/06 (2006.01)                      F16K 5/10 (2006.01)                      F16K 17/34 (2006.01)                      (87) WO2021/226671                      (31) 2020901540 (32) 13.05.20 (33) AU                      (43) 18.11.2021                      (72) HAY, Gary; PHILLIPS, Blake                      (74) Allens Patent &amp; Trade Mark Attorneys</p>	<p>(71) Resolve Biosciences GmbH                      (11) AU-A-2021291051                      (21) 2021291051 (22) 18.06.2021                      (54) Multiplex method for detecting different analytes in a sample                      (51) Int. Cl.                      C12Q 1/6813 (2018.01)                      (87) WO2021/255244                      (31) PCT/EP2020/067010 (32) 18.06.20 (33) EP                      63/127,910 18.12.20 US                      63/129,942 23.12.20 US                      (43) 23.12.2021                      (72) GEIPEL, Andreas; REINECKE, Frank; KORFHAGE, Christian                      (74) Spruson &amp; Ferguson</p>
<p>(71) Regeneron Pharmaceuticals, Inc.                      (11) AU-A-2021280245                      (21) 2021280245 (22) 25.05.2021                      (54) Methods of treating cervical cancer by administering the PD-1 inhibitor antibody cemiplimab                      (51) Int. Cl.                      A61P 35/00 (2006.01)                      A61K 39/395 (2006.01)                      C07K 16/28 (2006.01)                      (87) WO2021/242728                      (31) 63/029,757 (32) 26.05.20 (33) US                      63/069,942 25.08.20 US                      63/160,074 12.03.21 US                      63/174,474 13.04.21 US                      63/181,434 29.04.21 US                      63/185,881 07.05.21 US                      (43) 02.12.2021                      (72) FURY, Matthew G.; LOWY, Israel; MATHIAS, Melissa Divya; YAMA-DANG, Nazumi Alice; FURY, Wen                      (74) FB Rice Pty Ltd</p>	<p>(71) Repticity Inc.                      (11) AU-A-2021251771                      (21) 2021251771 (22) 06.04.2021                      (54) System and method for building entry management                      (51) Int. Cl.                      G08C 19/00 (2006.01)                      (87) WO2021/207240                      (31) 63/006,713 (32) 07.04.20 (33) US                      (43) 14.10.2021                      (72) TOIV, Shrage                      (74) Wallington-Dummer</p>	<p>(71) Resolve Biosciences GmbH                      (11) AU-A-2021294274                      (21) 2021294274 (22) 18.06.2021                      (54) Multiplex method for detecting different analytes and different subgroups/variants of an analyte in a sample                      (51) Int. Cl.                      C12Q 1/6813 (2018.01)                      (87) WO2021/255263                      (31) PCT/EP2020/067010 (32) 18.06.20 (33) EP                      63/127,910 18.12.20 US                      63/129,942 23.12.20 US                      (43) 23.12.2021                      (72) GEIPEL, Andreas; REINECKE, Frank; KORFHAGE, Christian                      (74) Spruson &amp; Ferguson</p>
<p>(71) Regeneron Pharmaceuticals, Inc.                      (11) AU-A-2021300129                      (21) 2021300129 (22) 30.06.2021                      (54) Methods of treating allergy using anti-Bet v 1 antibodies                      (51) Int. Cl.                      C07K 16/16 (2006.01)                      A61K 39/395 (2006.01)                      A61P 37/08 (2006.01)</p>	<p>(71) ResMed Pty Ltd                      (11) AU-A-2021257398                      (21) 2021257398 (22) 16.04.2021                      (54) Elastomeric seal-forming structure with multiple curvatures                      (51) Int. Cl.                      A61M 16/06 (2006.01)                      (87) WO2021/207799                      (31) 16/850,803 (32) 16.04.20 (33) US                      2020902371 09.07.20 AU                      PCT/ 15.10.20 AU                      AU2020/051109                      (43) 21.10.2021                      (72) SCHEINER, Rupert Christian; EVES, Matthew; GUNEY, Memduh; DE VRIES, Callum                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen                      (11) AU-A-2021266880                      (21) 2021266880 (22) 28.04.2021                      (54) Method for providing a reactive cement component or concrete additive                      (51) Int. Cl.                      C04B 14/10 (2006.01)                      C04B 28/02 (2006.01)                      (87) WO2021/224094                      (31) 10 2020 112 207.1 (32) 06.05.20 (33) DE                      (43) 11.11.2021                      (72) WEITKÄMPER, Lars; RAUSCH, Martin; GOßMANN, Dirk; VOLLPRACHT, Anya; WOTRUBA, Hermann; JUNGSMANN, Andreas                      (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) Regeneron Pharmaceuticals, Inc.                      (11) AU-A-2021265344                      (21) 2021265344 (22) 30.04.2021                      (54) Systems and methods for promoting a sleep stage of a user                      (51) Int. Cl.                      G16H 50/20 (2018.01)                      A61B 5/00 (2006.01)                      G16H 20/40 (2018.01)                      G16H 50/70 (2018.01)</p>	<p>(71) ResMed Sensor Technologies Limited                      (11) AU-A-2021265344                      (21) 2021265344 (22) 30.04.2021                      (54) Systems and methods for promoting a sleep stage of a user                      (51) Int. Cl.                      G16H 50/20 (2018.01)                      A61B 5/00 (2006.01)                      G16H 20/40 (2018.01)                      G16H 50/70 (2018.01)</p>	<p>(71) Richter, T.; Wendland, K.                      (11) AU-A-2021276355                      (21) 2021276355 (22) 18.05.2021                      (54) Apparatus for fixing golf tees                      (51) Int. Cl.                      A63B 57/20 (2015.01)                      A63B 57/12 (2015.01)                      A63B 71/06 (2006.01)</p>

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 (72) RICHTER, Tino; WENDLAND, Kai  
 (74) Davies Collison Cave Pty Ltd

(71) Rohm and Haas Company  
 (11) AU-A-2021266657  
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 (54) Aqueous dispersion opacifying pigment particles  
 (51) Int. Cl.  
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 (72) ZHANG, Qing; SWARTZ, Andrew J.; LEONARD, Michael W.  
 (74) Maxwell's Patent & Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.  
*F41A 17/38* ( 2006.01 )  
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 (72) SCHRÖDL, Christoph  
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 (54) Buffer retainer  
 (51) Int. Cl.  
*F41A 3/82* ( 2006.01 )

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 (72) SCHRÖDL, Christoph  
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 (54) Expression of IPT7 From TSS Promoter Increases Root Mass and Carbon Sequestration  
 (51) Int. Cl.  
*C12N 15/87* ( 2006.01 )  
*A01H 1/00* ( 2006.01 )  
*A01H 5/00* ( 2018.01 )  
*C07H 21/04* ( 2006.01 )  
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 (72) VU, Jessica; WU, Xuelin; CHORY, Joanne  
 (74) RNB IP PTY LTD

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 (11) AU-A-2021253254  
 (21) 2021253254 (22) 08.04.2021  
 (54) Method of manufacture of a hair extension, and hair extension  
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 (74) IP Guardian Pty Ltd

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 (54) Selecting a route  
 (51) Int. Cl.  
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*G05D 1/00* ( 2006.01 )  
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 (72) VIITALA, Janne; EEROLA, Severi; SELIN, Mika; TAPOLA, Heikki; SUOMI, Petri  
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 (11) AU-A-2021270788  
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 (54) Activating a reference point  
 (51) Int. Cl.  
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 (87) WO2021/229003  
 (31) 20174463.8 (32) 13.05.20 (33) EP  
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(71) SaNOtize Research and Development Corp.  
 (11) AU-A-2021258546  
 (21) 2021258546 (22) 22.04.2021  
 (54) Compositions and methods for treating upper respiratory infections  
 (51) Int. Cl.  
*A61K 33/00* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
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 (31) 63/014,117 (32) 22.04.20 (33) US  
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 (72) REGEV, Gilly; MILLER, Christopher C.  
 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.  
*C25D 3/06* ( 2006.01 )  
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 (21) 2021275907 (22) 21.05.2021  
 (54) Sidewall coring tool systems and methods  
 (51) Int. Cl.  
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 (74) Griffith Hack

(71) Seagen Inc.; MSD International GmbH  
 (11) AU-A-2021262745  
 (21) 2021262745 (22) 27.04.2021  
 (54) Anti-CD40 antibody combination treatment for cancer  
 (51) Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
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 (74) WRAYS PTY LTD

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 (54) Bone graft containment system  
 (51) Int. Cl.  
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*A61L 27/24* ( 2006.01 )  
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- (71) Sestra Systems, Inc.  
(11) AU-A-2021264608  
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(54) Improved touchless product dispensing  
(51) Int. Cl.  
**B67D 1/00** ( 2006.01 )  
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(43) 04.11.2021  
(72) VOLFTSUN, Lev; KUSHNIR, Alex;  
MAPHIS, Ben  
(74) Griffith Hack
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- (71) Shaanxi Giant Biotechnology Co., Ltd  
(11) AU-A-2021246790  
(21) 2021246790 (22) 31.03.2021  
(54) Anti-tumor composition containing rare ginsenosides Rk2, CK, and PPT  
(51) Int. Cl.  
**A61K 31/704** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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- (71) Shaanxi Giant Biotechnology Co., Ltd  
(11) AU-A-2021248301  
(21) 2021248301 (22) 30.03.2021  
(54) Pharmaceutical composition containing ginsenosides Rh3, PPD, and Rh2  
(51) Int. Cl.  
**A61K 31/704** ( 2006.01 )  
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(11) AU-A-2021286067  
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(54) Human NSCLC cell lines and use thereof  
(51) Int. Cl.  
**C12N 5/09** ( 2010.01 )  
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**C12Q 1/02** ( 2006.01 )  
**C12R 1/91** ( 2006.01 )  
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- (71) SHANGHAIMABGEEKBIOTECH.CO., LTD.  
(11) AU-A-2021255445  
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(54) Antibody to human interleukin-4 receptor  $\alpha$ , preparation method therefor and use thereof  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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- (71) Shape Therapeutics Inc.  
(11) AU-A-2021280283  
(21) 2021280283 (22) 26.05.2021  
(54) Compositions and methods for modifying target RNAs  
(51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
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(51) Int. Cl.  
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**G09F 9/30** ( 2006.01 )  
**H01L 27/146** ( 2006.01 )  
**G03B 17/00** ( 2021.01 )  
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(74) Pangaea IP Consultants
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- (71) Shaw Industries Group, Inc.  
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- (21) 2021264471 (22) 27.04.2021  
(54) Needle bar tensioning apparatus  
(51) Int. Cl.  
**D05C 15/18** ( 2006.01 )  
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(74) Griffith Hack
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- (71) Shell Internationale Research Maatschappij B.V.  
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(21) 2021252087 (22) 01.04.2021  
(54) Method and system for operating an adsorption-based system for removing water from a process stream  
(51) Int. Cl.  
**B01D 53/04** ( 2006.01 )  
**C10L 3/10** ( 2006.01 )  
**G05B 19/414** ( 2006.01 )  
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- (71) Shell Internationale Research Maatschappij B.V.  
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(21) 2021286875 (22) 09.06.2021  
(54) Method for the production of hydrogen  
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**C01B 3/36** ( 2006.01 )  
**B01D 53/047** ( 2006.01 )  
**B01D 53/14** ( 2006.01 )  
**C01B 3/48** ( 2006.01 )  
**C01B 3/52** ( 2006.01 )  
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- (71) Shionogi & Co., Ltd.; National University Corporation Hokkaido University  
(11) AU-A-2022204775  
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(54) Triazine derivative having virus propagation inhibitory effect, and pharmaceutical composition containing same  
(51) Int. Cl.  
**C07D 403/14** ( 2006.01 )  
**A61K 31/53** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd
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- (71) Shipshape Solutions, Inc.  
 (11) AU-A-2021249042  
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 (54) Home health optimization  
 (51) Int. Cl.  
 G16H 40/40 ( 2018.01 )  
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 B42D 25/324 ( 2014.01 )  
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 (11) AU-A-2021256474  
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 (54) Polymer composite, use of said composite to prepare articles, method for preparing said composite and articles including said composite  
 (51) Int. Cl.  
 B32B 27/08 ( 2006.01 )  
 B29C 67/02 ( 2017.01 )  
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 C07C 13/61 ( 2006.01 )  
 C08F 32/08 ( 2006.01 )  
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*A61P 31/00* ( 2006.01 )  
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*B01J 8/18* ( 2006.01 )  
*C10L 5/44* ( 2006.01 )  
*C21B 13/00* ( 2006.01 )  
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 (51) Int. Cl.  
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**G16H 50/30** ( 2018.01 )  
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**C07K 16/18** ( 2006.01 )  
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**G06F 15/00** ( 2006.01 )  
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**H02J 3/28** ( 2006.01 )  
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**H04L 9/00** ( 2006.01 )  
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**(54)** Superconductor electromagnet  
**(51)** Int. Cl.  
**H01F 6/00** ( 2006.01 )  
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**(54)** Apparatus for detecting matter  
**(51)** Int. Cl.  
**G01N 21/31** ( 2006.01 )  
**B07C 5/342** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
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**A61K 47/12** ( 2006.01 )  
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**(51)** Int. Cl.  
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**G06F 16/95** ( 2019.01 )  
**G06N 5/00** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
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**(31)** 63/024,299 **(32)** 13.05.20 **(33)** US  
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**(72)** JAW, David  
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**(54)** Synthetic lipid-like materials for brain delivery  
**(51)** Int. Cl.  
**A61K 31/404** ( 2006.01 )  
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**A61K 31/704** ( 2006.01 )  
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**A61K 45/06** ( 2006.01 )  
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**C07D 209/16** ( 2006.01 )  
**C07D 295/067** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61L 27/50** ( 2006.01 )  
**B01D 69/02** ( 2006.01 )  
**B01D 69/12** ( 2006.01 )  
**B01D 71/26** ( 2006.01 )
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**C08F 220/18** ( 2006.01 )  
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**(72)** LOUNDER, Samuel J.; ALEXIOU, Ayse Asatekin  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(54)** Male sexual stimulation apparatus and method of use  
**(51)** Int. Cl.  
**A61H 19/00** ( 2006.01 )  
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**(54)** A self-propelled vehicle  
**(51)** Int. Cl.  
**H04N 5/225** ( 2006.01 )  
**G01C 21/20** ( 2006.01 )  
**H04N 5/235** ( 2006.01 )  
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**(72)** ESPADA MORENO, Francisco José  
**(74)** Michael Buck IP
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- (71)** Unicharm Corporation  
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**(54)** Absorbent article  
**(51)** Int. Cl.  
**A61F 13/496** ( 2006.01 )  
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**(72)** SAITO, Kyota  
**(74)** Allens Patent & Trade Mark Attorneys
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- (71)** Universitätsspital Basel  
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**(51)** Int. Cl.  
**A61K 31/37** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**(72)** LIECHTI, Matthias Emanuel; VIZELI, Patrick Raphael  
**(74)** FPA Patent Attorneys Pty Ltd

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 (21) 2021269237 (22) 07.05.2021  
 (54) Methods and compositions for making and using endocardial cells  
 (51) Int. Cl.  
*C12N 5/077* ( 2010.01 )  
*A61K 35/34* ( 2015.01 )  
*A61K 35/44* ( 2015.01 )  
*A61P 9/00* ( 2006.01 )  
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- (71) University of Maine System Board of Trustees  
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 (54) Methods and devices for treatment of neuropathy  
 (51) Int. Cl.  
*A61N 1/05* ( 2006.01 )  
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 (51) Int. Cl.  
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- (71) University of Tennessee Research Foundation  
 (11) AU-A-2021246132  
 (21) 2021246132 (22) 01.04.2021  
 (54) Pyrazolylpropanamide compounds and uses thereof for treatment of prostate cancer  
 (51) Int. Cl.  
*A61K 31/167* ( 2006.01 )  
*A61K 31/415* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2021/202936  
 (31) 63/004,474 (32) 02.04.20 (33) US  
 (43) 07.10.2021  
 (72) NARAYANAN, Ramesh; MILLER, Duane D.; HE, Yali; PONNUSAMY, Thamarai; HWANG, Dong-Jin  
 (74) Griffith Hack
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- (71) University of Zürich  
 (11) AU-A-2021298118  
 (21) 2021298118 (22) 22.06.2021  
 (54) Compositions and kits of parts comprising N,N-dimethyltryptamine and harmine and their use in therapy  
 (51) Int. Cl.  
*A61K 31/4045* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 25/18* ( 2006.01 )  
*A61P 25/22* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
 (87) WO2021/259962  
 (31) 20181489.4 (32) 22.06.20 (33) EP  
 (43) 30.12.2021  
 (72) DORNBIERER, Dario; KOSANIC, Davor; SCHEIDEGGER, Milan  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) UpBioCare S.r.l.  
 (11) AU-A-2021266892  
 (21) 2021266892 (22) 29.04.2021  
 (54) Bidirectional reusable filtering face mask  
 (51) Int. Cl.  
*A62B 18/02* ( 2006.01 )  
*A62B 23/02* ( 2006.01 )  
 (87) WO2021/224734  
 (31) 10202000009631 (32) 04.05.20 (33) IT  
 (43) 11.11.2021  
 (72) MESCHI, Oscar  
 (74) Oscar MESCHI
- 
- (71) UPL Corporation Limited; UPL Europe Ltd  
 (11) AU-A-2021260918  
 (21) 2021260918 (22) 22.04.2021  
 (54) A fungicidal composition comprising prothioconazole and at least one weak acid  
 (51) Int. Cl.  
*A01N 43/653* ( 2006.01 )  
*A01N 25/08* ( 2006.01 )  
*C07D 249/12* ( 2006.01 )  
 (87) WO2021/214463  
 (31) 2006033.1 (32) 24.04.20 (33) GB
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- (43) 28.10.2021  
 (72) HAINES, Robbie; FLOOD, Charlie James  
 (74) Churchill Attorneys
- 
- (71) Upside Foods, Inc.  
 (11) AU-A-2021286008  
 (21) 2021286008 (22) 07.06.2021  
 (54) Nutrient media for the production of slaughter-free meat  
 (51) Int. Cl.  
*C12N 5/00* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
*C12N 5/071* ( 2010.01 )  
 (87) WO2021/248141  
 (31) 63/035,661 (32) 05.06.20 (33) US  
 (43) 09.12.2021  
 (72) JOHNSON, Kalle Lukyan; BENTON, Patricia R.; COPELAND, Cameron Gentry; DHADWAR, Sukhdeep Singh; FIRPO, Meri Teresa; GIBBONS, Marie Elizabeth; HSU, Stephen K.; SIERRA, Robert; KAYSER, Kevin John  
 (74) AJ PARK
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- (71) Vaccinex, Inc.  
 (11) AU-A-2021267163  
 (21) 2021267163 (22) 05.05.2021  
 (54) Integral membrane protein display on poxvirus extracellular enveloped virions  
 (51) Int. Cl.  
*C07K 14/705* ( 2006.01 )  
*C07K 14/71* ( 2006.01 )  
*C07K 14/715* ( 2006.01 )  
*C07K 14/72* ( 2006.01 )  
*C07K 16/08* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
 (87) WO2021/226169  
 (31) 63/020,818 (32) 06.05.20 (33) US  
 (43) 11.11.2021  
 (72) SMITH, Ernest S.; SCRIVENS, Maria G.M.; MUELLER, Loretta; SHI, Shuying; BALCH, Leslie A.  
 (74) AJ PARK
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- (71) Vanderbilt University  
 (11) AU-A-2021275233  
 (21) 2021275233 (22) 21.05.2021  
 (54) Competitive and noncompetitive inhibitors of the muscarinic acetylcholine receptor M5  
 (51) Int. Cl.  
*C07D 519/00* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 25/36* ( 2006.01 )  
 (87) WO2021/237038  
 (31) 63/029,286 (32) 22.05.20 (33) US  
 63/129,098 22.12.20 US  
 (43) 25.11.2021  
 (72) LINDSLEY, Craig W.; JONES, Carrie K.; CONN, P. Jeffrey; HAN, Changho; FELTS, Andrew S.; ORSI, Douglas L.; ENGERS, Julie L.; LI, Jinming; CAPSTICK, Rory A.; WHOMBLE, David L.; TEMPLE, Kayla J.  
 (74) Griffith Hack

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 (11) AU-A-2021265277  
 (21) 2021265277 (22) 30.04.2021  
 (54) Insecticidal combinations  
 (51) Int. Cl.  
*A01N 37/46* ( 2006.01 )  
*A01N 59/14* ( 2006.01 )  
*A01N 63/20* ( 2020.01 )  
*A01N 63/23* ( 2020.01 )  
*A01N 63/30* ( 2020.01 )  
*A01N 63/40* ( 2020.01 )  
*A01N 63/50* ( 2020.01 )  
*A01N 65/26* ( 2009.01 )  
*A01P 7/04* ( 2006.01 )  
 (87) WO2021/222814  
 (31) 63/019,219 (32) 01.05.20 (33) US  
 (43) 04.11.2021  
 (72) SCHNEIDER, Kyle; DAVIS, Breck;  
 TOURTOIS, Joseph; HULBERT, Daniel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Vicore Pharma AB  
 (11) AU-A-2021260923  
 (21) 2021260923 (22) 23.04.2021  
 (54) New dry powder composition for peroral administration  
 (51) Int. Cl.  
*A61K 9/48* ( 2006.01 )  
*A61K 31/4178* ( 2006.01 )  
*A61K 47/02* ( 2006.01 )  
*A61K 47/10* ( 2017.01 )  
*A61P 11/00* ( 2006.01 )  
 (87) WO2021/214488  
 (31) 2006079.4 (32) 24.04.20 (33) GB  
 (43) 28.10.2021  
 (72) CAMBER, Ola; EVERAERT, Arnout;  
 GRUDÉN, Stefan  
 (74) Madderns Pty Ltd
- 
- (71) Vir Biotechnology, Inc.  
 (11) AU-A-2021268361  
 (21) 2021268361 (22) 07.05.2021  
 (54) Antibodies against SARS-CoV-2  
 (51) Int. Cl.  
*C07K 16/10* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
 (87) WO2021/226560  
 (31) 63/039,939 (32) 16.06.20 (33) US  
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 63/033,045 01.06.20 US  
 63/036,683 09.06.20 US  
 (43) 11.11.2021  
 (72) CORTI, Davide; PIZZUTO, Matteo Samuele; PINTO, Dora;  
 BELTRAMELLO, Martina; DE MARCO, Anna;  
 CAMERONI, Elisabetta; SNELL, Gyorgy;  
 CZUDNOCHOWSKI, Nadine; HAVENAR-DAUGHTON, Colin;  
 LEMPP, Florian A.; TELENTI, Amalio; ZATTA, Fabrizia
- 
- (71) Vitrafy Life Sciences Limited  
 (11) AU-A-2021253251  
 (21) 2021253251 (22) 06.04.2021  
 (54) Method and apparatus for freezing of consumable products  
 (51) Int. Cl.  
*F25D 17/02* ( 2006.01 )  
*A23B 4/06* ( 2006.01 )  
*A23B 7/04* ( 2006.01 )  
*A23B 9/10* ( 2006.01 )  
*A23L 3/36* ( 2006.01 )  
*F25D 11/04* ( 2006.01 )  
*F25D 17/06* ( 2006.01 )  
*F25D 25/02* ( 2006.01 )  
*G06F 30/28* ( 2020.01 )  
 (87) WO2021/203163  
 (31) 2020901100 (32) 08.04.20 (33) AU  
 (43) 14.10.2021  
 (72) OWENS, Brent; CAMERON, Sean;  
 TAYLOR, Brian  
 (74) Davies Collison Cave Pty Ltd
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- (71) Vivo Mobile Communication Co., Ltd.  
 (11) AU-A-2021269599  
 (21) 2021269599 (22) 12.05.2021  
 (54) Information transmission method and apparatus, and electronic device  
 (51) Int. Cl.  
*H04W 28/26* ( 2009.01 )  
 (87) WO2021/228131  
 (31) 202010399529.0 (32) 12.05.20 (33) CN  
 (43) 18.11.2021  
 (72) LIU, Shixiao; JI, Zichao; PENG, Shuyan  
 (74) Adams Pluck
- 
- (71) Vivo Mobile Communication Co., Ltd.  
 (11) AU-A-2021271387  
 (21) 2021271387 (22) 11.05.2021  
 (54) Pilot information symbol sending method, channel estimation method, and communication device  
 (51) Int. Cl.  
*H04B 7/0413* ( 2017.01 )  
 (87) WO2021/228075  
 (31) 202010414538.2 (32) 15.05.20 (33) CN  
 (43) 18.11.2021  
 (72) LI, Jianjun; SONG, Yang; QIN, Fei  
 (74) Adams Pluck
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- (71) VMI Holland B.V.  
 (11) AU-A-2021272650  
 (21) 2021272650 (22) 03.05.2021  
 (54) Docking station and method for loading a medicine transport plate  
 (51) Int. Cl.  
*G07F 17/00* ( 2006.01 )  
*G07F 11/62* ( 2006.01 )  
 (87) WO2021/228603  
 (31) 2025568 (32) 12.05.20 (33) NL  
 (43) 18.11.2021  
 (72) VAN BEEK, Johan Gerard; DE BOER, Anthonius Maria Hendrina; JOCHEM-SEN, Cornelis Jan; VAN VOORN, Patrick
- 
- (71) Vortex Pipe Systems LLC  
 (11) AU-A-2021277168  
 (21) 2021277168 (22) 07.05.2021  
 (54) Fluid flow enhancing device and culvert comprising same  
 (51) Int. Cl.  
*F15D 1/00* ( 2006.01 )  
*F15C 1/18* ( 2006.01 )  
*F15D 1/02* ( 2006.01 )  
 (87) WO2021/236357  
 (31) 16/878,252 (32) 19.05.20 (33) US  
 17/073,713 19.10.20 US  
 (43) 25.11.2021  
 (72) SCHMIDT, Paul Wayne; GHOSH, Avijit  
 (74) Spruson & Ferguson
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- (71) Voyager Therapeutics, Inc.  
 (11) AU-A-2021273447  
 (21) 2021273447 (22) 31.03.2021  
 (54) Redirection of tropism of AAV capsids  
 (51) Int. Cl.  
*C07K 14/005* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )  
*C40B 40/08* ( 2006.01 )  
 (87) WO2021/230987  
 (31) 63/023,927 (32) 13.05.20 (33) US  
 63/122,300 07.12.20 US  
 (43) 18.11.2021  
 (72) NONNENMACHER, Mathieu E.; HOU, Jinzhao; WANG, Wei; CHILD, Matthew; LI, Shaoyong  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2021251756  
 (21) 2021251756 (22) 06.04.2021  
 (54) Delivery system with device deployment features, and associated methods  
 (51) Int. Cl.  
*A61F 2/95* ( 2013.01 )  
*A61F 2/962* ( 2013.01 )  
*A61F 2/966* ( 2013.01 )  
 (87) WO2021/207195  
 (31) 63/005,722 (32) 06.04.20 (33) US  
 (43) 14.10.2021  
 (72) DEPUE, Robert M.; POHLMAN, Benjamin; SILVERMAN, James D.; SKELTON, Tyson J.  
 (74) Griffith Hack
- 
- (71) W. L. Gore & Associates, Inc.  
 (11) AU-A-2021276514  
 (21) 2021276514 (22) 20.05.2021  
 (54) A method of inserting a lubricant free stopper into a lubricant free barrel or a lubricant free cartridge tube and a system for assembling same  
 (51) Int. Cl.  
*A61M 5/315* ( 2006.01 )  
*A61M 5/178* ( 2006.01 )  
*A61M 5/31* ( 2006.01 )  
*B65B 3/00* ( 2006.01 )  
*B65B 7/16* ( 2006.01 )

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**B65B 7/28** ( 2006.01 )  
**(87)** WO2021/236943  
**(31)** 63/029,183 **(32)** 22.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** BASHAM, Robert; DUPUY, Nicole;  
 LAROSE, Erik  
**(74)** Griffith Hack

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**(71)** Ward, R.; Osborne, R.; Williams, M.  
**(11)** AU-A-2021241336  
**(21)** 2021241336 **(22)** 26.03.2021  
**(54)** Syringe pump  
**(51)** Int. Cl.

**A61M 5/145** ( 2006.01 )  
**(87)** WO2021/194359  
**(31)** 2020900946 **(32)** 27.03.20 **(33)** AU  
**(43)** 30.09.2021  
**(72)** WARD, Robert Lawrence; OSBORNE,  
 Reuben Samuel; WILLIAMS, Martin Al-  
 exander Keith  
**(74)** AJ PARK

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**(71)** Washington State University  
**(11)** AU-A-2021277305  
**(21)** 2021277305 **(22)** 20.05.2021  
**(54)** Solid-state microwave sterilization and  
 pasteurization  
**(51)** Int. Cl.

**A23L 3/01** ( 2006.01 )  
**A23L 3/02** ( 2006.01 )  
**H05B 6/78** ( 2006.01 )  
**(87)** WO2021/236867  
**(31)** 63/027,782 **(32)** 20.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** TANG, Juming; YOUNCE, Franklin Lor-  
 ing; TANG, Zhongwei; LIU, Fang  
**(74)** Halfords IP

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**(71)** Wayne Fueling Systems LLC  
**(11)** AU-A-2021281277  
**(21)** 2021281277 **(22)** 28.05.2021  
**(54)** Ensuring security on the fueling fore-  
 court  
**(51)** Int. Cl.  
**G08B 13/196** ( 2006.01 )  
**G08B 3/10** ( 2006.01 )  
**G08B 5/36** ( 2006.01 )  
**G08B 5/38** ( 2006.01 )  
**G08B 17/12** ( 2006.01 )

**(87)** WO2021/243156  
**(31)** 16/885,946 **(32)** 28.05.20 **(33)** US  
**(43)** 02.12.2021  
**(72)** FIEGLEIN, Henry; SINGH, Kalpit;  
 HAIRSTON, Hob; CHINNASWAMY, Ro-  
 hith  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Wilfrid Laurier University  
**(11)** AU-A-2021280414  
**(21)** 2021280414 **(22)** 25.05.2021  
**(54)** Compositions and methods of inducing  
 RNAI or type I IFN in IFN competent  
 cells and uses thereof  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/713** ( 2006.01 )  
**A61K 39/44** ( 2006.01 )

**A61K 49/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )  
**(87)** WO2021/237344  
**(31)** 63/029,632 **(32)** 25.05.20 **(33)** US  
**(43)** 02.12.2021  
**(72)** DEWITTE-ORR, Stephanie  
**(74)** MINTER ELLISON

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**(71)** WisTa Laboratories Ltd.  
**(11)** AU-A-2021267670  
**(21)** 2021267670 **(22)** 30.04.2021  
**(54)** Methylthionium compounds for use in  
 the treatment of COVID-19  
**(51)** Int. Cl.  
**A61K 31/5415** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**(87)** WO2021/224144  
**(31)** 2006659.3 **(32)** 05.05.20 **(33)** GB  
 2016955.3 26.10.20 GB  
**(43)** 11.11.2021  
**(72)** WISCHIK, Claude Michel; ARASTOO,  
 Mohammad; MAZANETZ, Michel Philip  
**(74)** FB Rice Pty Ltd

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**(71)** WisTa Laboratories Ltd.  
**(11)** AU-A-2021268465  
**(21)** 2021268465 **(22)** 30.04.2021  
**(54)** Methylthionium compounds for use in  
 the treatment of hypoxemia  
**(51)** Int. Cl.  
**A61K 31/5415** ( 2006.01 )  
**A61K 33/00** ( 2006.01 )  
**A61P 7/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2021/224146  
**(31)** 2006659.3 **(32)** 05.05.20 **(33)** GB  
 2016957.9 26.10.20 GB  
**(43)** 11.11.2021  
**(72)** WISCHIK, Claude Michel; ARASTOO,  
 Mohammad; MAZANETZ, Michael  
 Philip  
**(74)** FB Rice Pty Ltd

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**(71)** WisTa Laboratories Ltd.  
**(11)** AU-A-2021269001  
**(21)** 2021269001 **(22)** 30.04.2021  
**(54)** Methylthionium compounds for use in  
 the treatment of COVID-19  
**(51)** Int. Cl.  
**A61K 31/5415** ( 2006.01 )  
**A61K 31/4706** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**(87)** WO2021/224145  
**(31)** 2006659.3 **(32)** 05.05.20 **(33)** GB  
**(43)** 11.11.2021  
**(72)** ARASTOO, Mohammad; MAZANETZ,  
 Michael Philip; WISCHIK, Claude  
 Michel  
**(74)** FB Rice Pty Ltd

**(71)** Witron Logistik + Informatik GmbH  
**(11)** AU-A-2021283687  
**(21)** 2021283687 **(22)** 02.06.2021  
**(54)** Apparatus and method for controlling  
 the distribution of a multiplicity of differ-  
 ent goods  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06Q 20/20** ( 2012.01 )  
**(87)** WO2021/245138  
**(31)** 10 2020 003 376.8 **(32)** 04.06.20 **(33)** DE  
**(43)** 09.12.2021  
**(72)** WINKLER, Walter  
**(74)** Griffith Hack

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**(71)** Wonderland Switzerland AG  
**(11)** AU-A-2021269138  
**(21)** 2021269138 **(22)** 10.05.2021  
**(54)** Topper accessories for a playard  
**(51)** Int. Cl.  
**A47D 13/06** ( 2006.01 )  
**(87)** WO2021/226598  
**(31)** 63/021,966 **(32)** 08.05.20 **(33)** US  
 63/022,009 08.05.20 US  
 63/021,950 08.05.20 US  
**(43)** 11.11.2021  
**(72)** PACELLA, Jonathan M.; SAINT, Nath-  
 anael; CLEMMER, Lance J.; BOWERS,  
 Patrick JG  
**(74)** PIPERS

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**(71)** Xailient  
**(11)** AU-A-2021268278  
**(21)** 2021268278 **(22)** 10.05.2021  
**(54)** Systems and methods for distributed  
 data analytics  
**(51)** Int. Cl.  
**G06N 3/02** ( 2006.01 )  
**G06K 9/62** ( 2006.01 )  
**G06T 7/10** ( 2017.01 )  
**G06V 10/56** ( 2022.01 )  
**G06V 10/82** ( 2022.01 )  
**(87)** WO2021/224895  
**(31)** 63/021,735 **(32)** 08.05.20 **(33)** US  
**(43)** 11.11.2021  
**(72)** OLSEN, Lars; YOHANANDAN,  
 Shivanthan; MCCREA, Ryan;  
 CHANDRASEKHARAN, Deepa  
 Lakshmi; POKHREL, Sabina;  
 RABI, Yousef; ZHANG, Zhenhua;  
 DEVANAND, Priyadarshini; RODEIRO  
 CROLL, Bernardo; MEYER, James J.  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

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**(71)** Xinjiang Goldwind Science & Techno-  
 logy Co., Ltd.  
**(11)** AU-A-2020452476  
**(21)** 2020452476 **(22)** 08.09.2020  
**(54)** Cooling system and wind power gener-  
 ating set  
**(51)** Int. Cl.  
**F03D 80/60** ( 2016.01 )  
**H05K 7/20** ( 2006.01 )  
**(87)** WO2021/248716  
**(31)** 202010516366.X **(32)** 09.06.20 **(33)** CN



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 (72) WANG, Dinghui; LI, Jinmeng; LIU, Junwei  
 (74) Madderns Pty Ltd
- 
- (71) Xinjiang Goldwind Science & Technology Co., Ltd.  
 (11) AU-A-2020456769  
 (21) 2020456769 (22) 27.08.2020  
 (54) Method and apparatus for controlling power of wind farm  
 (51) Int. Cl.  
*H02J 3/46* ( 2006.01 )  
 (87) WO2022/000743  
 (31) 202010599002.2 (32) 28.06.20 (33) CN  
 (43) 06.01.2022  
 (72) YU, Chi; XIAO, Shuowen; WANG, Zelin  
 (74) Madderns Pty Ltd
- 
- (71) Xinjiang Goldwind Science & Technology Co., Ltd.  
 (11) AU-A-2021298505  
 (21) 2021298505 (22) 30.03.2021  
 (54) Wind turbine generator system, and control method, controller and control system therefor  
 (51) Int. Cl.  
*F03D 7/00* ( 2006.01 )  
*F03D 7/04* ( 2006.01 )  
*F03D 17/00* ( 2016.01 )  
 (87) WO2022/001251  
 (31) 202010606858.8 (32) 29.06.20 (33) CN  
 (43) 06.01.2022  
 (72) ZHOU, Jie; ALI, Waqar; CAO, Xueming; HAO, Weidong  
 (74) Madderns Pty Ltd
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- (71) Xintela AB  
 (11) AU-A-2021266603  
 (21) 2021266603 (22) 07.05.2021  
 (54) Stem cells for treatment of respiratory disorders  
 (51) Int. Cl.  
*A61K 35/28* ( 2015.01 )  
*A61P 11/00* ( 2006.01 )  
 (87) WO2021/224449  
 (31) 20173592.5 (32) 07.05.20 (33) EP  
 (43) 11.11.2021  
 (72) LUNDGREN ÅKERLUND Evy; LINDSTEDT, Sandra; UVEBRANT, Christina; RAMOS MORENO, Tania  
 (74) FB Rice Pty Ltd
- 
- (71) Xylem Europe GmbH  
 (11) AU-A-2021262461  
 (21) 2021262461 (22) 27.04.2021  
 (54) Method for monitoring and controlling the operation of a pump station  
 (51) Int. Cl.  
*E03F 5/22* ( 2006.01 )  
*F04B 15/02* ( 2006.01 )  
*F04B 23/02* ( 2006.01 )  
*F04B 49/06* ( 2006.01 )  
*F04D 13/14* ( 2006.01 )  
*F04D 13/16* ( 2006.01 )  
*F04D 15/02* ( 2006.01 )  
*F04D 29/60* ( 2006.01 )
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- (71) ZIM Laboratories Limited  
 (11) AU-A-2021265311  
 (21) 2021265311 (22) 26.04.2021  
 (54) Novel multiparticulate pharmaceutical composition of tamsulosin and solifenacin  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 9/28* ( 2006.01 )  
 (87) WO2021/220133  
 (31) 202021017897 (32) 27.04.20 (33) IN  
 (43) 04.11.2021  
 (72) DAUD, Anwar; MAINDE, Chandrashekhar; JADHAV, Anil; RATHOD, Yuvraj; KEDAR, Uttam  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Zonit Structured Solutions, LLC  
 (11) AU-A-2021252522  
 (21) 2021252522 (22) 05.04.2021  
 (54) Z-shield™ Filtered Air Protective System  
 (51) Int. Cl.  
*A62B 7/10* ( 2006.01 )  
*A62B 7/12* ( 2006.01 )  
*A62B 9/04* ( 2006.01 )  
*A62B 13/00* ( 2006.01 )  
*A62B 18/02* ( 2006.01 )  
*A62B 18/08* ( 2006.01 )  
*A62B 23/02* ( 2006.01 )  
*A62B 31/00* ( 2006.01 )  
 (87) WO2021/207098  
 (31) 63/012,037 (32) 17.04.20 (33) US  
 63/005,343 05.04.20 US  
 (43) 14.10.2021  
 (72) PACHOUD, William; CHAPEL, Steve  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ZTE Corporation  
 (11) AU-A-2020439938  
 (21) 2020439938 (22) 08.12.2020  
 (54) Method, apparatus and device for determining timing argument, and storage medium  
 (51) Int. Cl.  
*H04W 56/00* ( 2009.01 )  
*H04W 72/04* ( 2009.01 )  
 (87) WO2021/196702  
 (31) 202010256349.7 (32) 02.04.20 (33) CN  
 (43) 07.10.2021  
 (72) BI, Feng; MIAO, Ting; XING, Weimin; LU, Youxiong; LIU, Wenhao  
 (74) GLMR
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- (71) ZTE Corporation  
 (11) AU-A-2021246806  
 (21) 2021246806 (22) 31.05.2021
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- (54) Resource acquisition method, resource scheduling method, terminal, service node, and medium  
 (51) Int. Cl.  
*H04W 72/04* ( 2009.01 )  
 (87) WO2021/197511  
 (31) 202010254879.8 (32) 02.04.20 (33) CN  
 (43) 07.10.2021  
 (72) LUO, Wei; ZHANG, Boyuan; WANG, Mengzhen; CHEN, Lin  
 (74) Davies Collison Cave Pty Ltd
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- (71) ZTE Corporation  
 (11) AU-A-2021279510  
 (21) 2021279510 (22) 25.01.2021  
 (54) Network optimisation method, server, network side device, system, and storage medium  
 (51) Int. Cl.  
*H04W 24/02* ( 2009.01 )  
 (87) WO2021/238277  
 (31) 202010445463.4 (32) 24.05.20 (33) CN  
 (43) 02.12.2021  
 (72) LIU, Zhuang; GAO, Yin; CHEN, Jiajun  
 (74) GLMR
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- (71) ZymoChem, Inc.  
 (11) AU-A-2021279010  
 (21) 2021279010 (22) 26.05.2021  
 (54) Biodegradable high-performance absorbent polymers and methods thereof  
 (51) Int. Cl.  
*C12P 13/02* ( 2006.01 )  
*C08L 77/04* ( 2006.01 )  
 (87) WO2021/242936  
 (31) 63/030,266 (32) 26.05.20 (33) US  
 (43) 02.12.2021  
 (72) FLYNN, Allison; CHOKHAWALA, Harshal Akshay; PISTORINO, Jonathan Carl  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ZYUS Life Sciences Inc.  
 (11) AU-A-2021258909  
 (21) 2021258909 (22) 31.03.2021  
 (54) Cannabichromene formulation for pain management  
 (51) Int. Cl.  
*A61K 31/352* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 311/58* ( 2006.01 )  
 (87) WO2021/212209  
 (31) 63/015,039 (32) 24.04.20 (33) US  
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 (43) 28.10.2021  
 (72) ABRISHAMI, Mahsa  
 (74) WRAYS PTY LTD

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<b>2020275093</b>	spherene AG	<b>2021249525</b>	Diosynvax Ltd; The Chancellor, Masters and Scholars of The University of Cambridge
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<b>2020441580</b>	Nokia Technologies Oy	<b>2021251316</b>	Preomics GmbH
<b>2020442274</b>	Nanjing Iron & Steel Co., Ltd.	<b>2021251486</b>	Janssen Biotech, Inc.
<b>2020442430</b>	Kimberly-Clark Worldwide, Inc.	<b>2021251697</b>	Tucker, S.
<b>2020443584</b>	Nanjing Iron & Steel Co., Ltd.	<b>2021251753</b>	Mitobridge, Inc.
<b>2020443633</b>	Kimberly-Clark Worldwide, Inc.	<b>2021251756</b>	W. L. Gore & Associates, Inc.
<b>2020443710</b>	Chiyoda Corporation	<b>2021251771</b>	Repticity Inc.
<b>2020443729</b>	Arctic Biomaterials Oy	<b>2021252014</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
<b>2020444647</b>	Blue Prism Limited	<b>2021252087</b>	Shell Internationale Research Maatschappij B.V.
<b>2020444841</b>	China Petroleum & Chemical Corporation; Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation; Tsinghua University	<b>2021252121</b>	SICPA HOLDING SA
<b>2020444897</b>	Synedgen, Inc.	<b>2021252151</b>	Berlin Cures GmbH
<b>2020445491</b>	Secada Medical LLC DBA Ventris Medical, LLC	<b>2021252155</b>	Nykode Therapeutics ASA
<b>2020445596</b>	Biocorp Production S.A.	<b>2021252177</b>	Packaging One Limited
<b>2020445735</b>	China Petroleum & Chemical Corporation; Beijing Research Institute of Chemical Industry, China Petroleum & Chemical Corporation; Tsinghua University	<b>2021252194</b>	Cyborn Limited
<b>2020446030</b>	Red Surcos Colombia S.A.S.	<b>2021252195</b>	Kheprion, Inc.
<b>2020447141</b>	Beijing Guanghe Original Technology Co., Ltd.	<b>2021252220</b>	Ethicon, Inc.
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<b>2020447271</b>	Optos PLC	<b>2021252522</b>	Zonit Structured Solutions, LLC
<b>2020447636</b>	ADD Advanced Drug Delivery Technologies Ltd.	<b>2021252631</b>	Hutchinson, E.
<b>2020447660</b>	On Target Laboratories, LLC	<b>2021252828</b>	Fisher & Paykel Healthcare Limited
<b>2020447754</b>	Beijing Guanghe Original Technology Co., Ltd.	<b>2021252887</b>	Aerostar International, Inc.
<b>2020447972</b>	Ecolution KWH, LLC	<b>2021252924</b>	Pylum Biosciences, Inc.
<b>2020448532</b>	Mitsubishi Electric Corporation	<b>2021252998</b>	Guidononi, G.; Chronis, G.; Kurkoski, S.
<b>2020448839</b>	Peregrine Ophthalmic Pte Ltd.	<b>2021253247</b>	Fuchs, W.
<b>2020449188</b>	Daikin Industries, Ltd.; Daikin Europe N.V.	<b>2021253251</b>	Vitrafy Life Sciences Limited
<b>2020450114</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	<b>2021253254</b>	Sanchez, P.; Tame, F.
<b>2020450668</b>	Mitsubishi Electric Corporation	<b>2021253782</b>	Depuy Synthes Products, Inc.
<b>2020452476</b>	Xinjiang Goldwind Science & Technology Co., Ltd.	<b>2021253786</b>	Ethicon, Inc.
<b>2020456769</b>	Xinjiang Goldwind Science & Technology Co., Ltd.	<b>2021253830</b>	AprilBio Co., Ltd.
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<b>2020460168</b>	Halliburton Energy Services, Inc.	<b>2021253859</b>	Cascade Reading, Inc.
<b>2020467390</b>	Crrc Zhuzhou Electric Locomotive Research Institute Co., Ltd.	<b>2021253901</b>	Aromat Fragrances Industries Ltd
<b>2021204557</b>	SenseTime International Pte. Ltd.	<b>2021253904</b>	The National Institute For Biotechnology in the Negev Ltd.
<b>2021210629</b>	ImCyse SA	<b>2021253951</b>	Ortho Pediatrics Corp.; Mccarthy, R.; Snyder, B.; Lyhmann, S.; Sanders, J.; Bumpass, D.; Schwend, R.M.; Dettlefsen, R.; Prygoski, M.; Powers, C.M.; Gibbs, C.; Lengyel, R.; Fugett, D.; Daniels, D.W.
<b>2021240875</b>	Lobanov, S.	<b>2021253963</b>	Brown University
<b>2021241336</b>	Ward, R.; Osborne, R.; Williams, M.	<b>2021254256</b>	RCAM Technologies, INC.
<b>2021244968</b>	Lanxess Deutschland GmbH	<b>2021254765</b>	Excalibur Pharmaceuticals, Inc.
<b>2021245268</b>	Presagen Pty Ltd	<b>2021254891</b>	Catalife Ltd.
<b>2021246132</b>	University of Tennessee Research Foundation	<b>2021255084</b>	Eisai R&D Management Co., Ltd.
<b>2021246134</b>	LOFA Industries, LLC	<b>2021255118</b>	Ocado Innovation Limited
<b>2021246255</b>	Klarna Bank AB	<b>2021255132</b>	ExoProther Medical Ltd.
<b>2021246385</b>	Mie University; Daiichi Sankyo Company, Limited	<b>2021255147</b>	Eye3concepts Inc.
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<b>2021246761</b>	Mollick, P.	<b>2021255701</b>	Honeybrains, LLC
<b>2021246790</b>	Shaanxi Giant Biotechnology Co., Ltd	<b>2021255723</b>	ESSA Pharma, Inc.
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<b>2021247114</b>	UAV Autosystems Hovering Solutions España S.L.	<b>2021256331</b>	National Research Council of Canada; Next Remedies Inc.
<b>2021247418</b>	Darcen Technology Holdings Pty Ltd	<b>2021256474</b>	Sileto Pesquisa e Desenvolvimento Ltda
<b>2021247476</b>	Berlin Heals GmbH	<b>2021256843</b>	Nicoventures Trading Limited
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<b>2021248363</b>	Medshine Discovery Inc.	<b>2021257263</b>	Paragon 28, Inc.
<b>2021248410</b>	247Solar, Inc.	<b>2021257342</b>	i2o Therapeutics, Inc.
<b>2021248558</b>	RapidDeploy, Inc.	<b>2021257343</b>	Ready Credit Corporation; Reverse ATM LLC
<b>2021248661</b>	Insurance Services Office, Inc.	<b>2021257398</b>	ResMed Pty Ltd
<b>2021248761</b>	LG Electronics Inc.	<b>2021257399</b>	Kool Global Solutions Pty Ltd
<b>2021249042</b>	Shipshape Solutions, Inc.	<b>2021257414</b>	The University of British Columbia
<b>2021249486</b>	Grünenthal GmbH		

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2021258909	ZYUS Life Sciences Inc.	2021265086	Board of Regents, The University of Texas System
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2021259422	Tenaya Therapeutics, Inc.	2021265165	The University of British Columbia; ProMIS Neurosciences Inc.
2021259440	University of Massachusetts	2021265277	Vestaron Corporation
2021259463	Falconair, Inc.	2021265311	ZIM Laboratories Limited
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2021259669	IPLTech Electric Private Limited	2021265344	ResMed Sensor Technologies Limited
2021259784	Techtronic Floor Care Technology Limited	2021265345	Minoryx Therapeutics S.L.
2021259814	PharmaBlock Sciences (Nanjing), Inc.	2021265702	Fisher & Paykel Healthcare Limited
2021259877	Ashvattha Therapeutics, Inc.	2021265797	Lyell Immunopharma, Inc.
2021260046	Spyra GmbH	2021265807	Neurotologix Pty Ltd
2021260101	SunFire GmbH	2021265825	Purisys, LLC
2021260639	Mabwell (Shanghai) Bioscience Co., Ltd.	2021265878	Caris MPI, Inc.
2021260870	i2o Therapeutics, Inc.	2021266136	Syddansk Universitet
2021260899	Savroc Ltd	2021266157	Tampere University Foundation sr
2021260914	Asklepios Biopharmaceutical, Inc.	2021266418	IQM Finland Oy
2021260918	UPL Corporation Limited; UPL Europe Ltd	2021266423	Grapheal
2021260923	Vicore Pharma AB	2021266434	Closed Loop Medicine Ltd
2021260959	Techtronic Floor Care Technology Limited	2021266505	National University Corporation Kumamoto University
2021260963	Gen-Probe Incorporated	2021266529	CelTec, Inc.
2021261148	Angel Group Co., Ltd.	2021266564	Nuovo Pignone Tecnologie - S.r.l.
2021261260	Bard Access Systems, Inc.	2021266568	Inventio AG
2021261321	Jade Bird Display (Shanghai) Limited	2021266584	Orthodontic Research and Development, S.L.
2021261359	Allen Institute	2021266603	Xintela AB
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2021261423	Aadigen, LLC	2021266688	Inhibrx, Inc.
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2021262493	Askel Healthcare Ltd.	2021266780	University of Maine System Board of Trustees
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2021262833	Baylor College of Medicine	2021267053	The DNA Company Inc.
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2021263411	onCOUR Pharma, Inc.	2021267166	Baker Hughes Oilfield Operations LLC
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2021263607	Baylor College of Medicine	2021267206	Adama Makhteshim Ltd.
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2021264109	Ligar Limited Partnership	2021267541	Globaltech Corporation Pty Ltd
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2021268275	Leonardo S.p.A.	2021271831	Illumina, Inc.; Illumina Singapore Pte. Ltd.; National University of Singapore
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2021268906	Nuovo Pignone Tecnologie - S.r.l.	2021273057	Cryogenetics AS
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2021269599	Vivo Mobile Communication Co., Ltd.	2021273744	G1 Therapeutics, Inc.
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2021276157	Becton, Dickinson and Company	2021283687	Witron Logistik + Informatik GmbH
2021276226	Fratantonio, N.	2021283743	ConvaTec Limited
2021276265	City of Hope	2021283808	Pioneer Hi-Bred International, Inc.
2021276318	Archer Aviation, Inc.	2021284027	Komatsu Ltd.
2021276324	Baylor University; Scott & White Healthcare	2021284148	Sulfateq B.V.
2021276355	Richter, T.; Wendland, K.	2021284208	Illumina, Inc.
2021276359	Linde GmbH	2021284240	Kenjockey Biotechnology, Inc.
2021276453	CoreQuest Sagl	2021284956	Syngenta Crop Protection AG
2021276514	W. L. Gore & Associates, Inc.	2021284976	Einsen Innovations Pty Ltd
2021276517	Auro Pharmaceuticals, Inc.	2021285012	Elonroad AB
2021276578	SAKO Oy	2021285032	Boehringer Ingelheim International GmbH; Vanderbilt University
2021276594	Black Idol	2021285044	MV BioTherapeutics SA
2021276787	Medical Transport Inc.	2021285093	1QB Information Technologies Inc.
2021277096	Nthalmic Holding Pty Ltd	2021285414	Neophore Limited
2021277168	Vortex Pipe Systems LLC	2021285494	EirGen Pharma Ltd.
2021277197	Lone Gull Holdings, Ltd.	2021285503	NeRRre Therapeutics Limited
2021277305	Washington State University	2021285802	Genentech, Inc.
2021277372	BetaGlue Technologies S.p.A.; Politecnico di Milano; Flaherty, C.	2021286008	Upside Foods, Inc.
2021277517	Atriva Therapeutics GmbH	2021286067	Shanghai Lide Biotech Co., Ltd.
2021277527	Ocado Innovation Limited	2021286233	ConvaTec Limited
2021277577	Marel Limited	2021286772	TOMRA Sorting GmbH
2021277578	mAbsolve Limited	2021286875	Shell Internationale Research Maatschappij B.V.
2021278328	Metso Outotec Finland Oy	2021287299	University of Copenhagen
2021278375	Technological Resources Pty. Limited	2021287330	Animal Dynamics Limited
2021278406	Cellix Bio Private Limited	2021287900	Illumina, Inc.; Illumina Cambridge Limited; Oregon Health & Science University
2021278423	Svante Inc.	2021287986	OURS Technology, LLC
2021278492	Komatsu Ltd.	2021288202	Paratek Pharmaceuticals Inc.
2021278584	Magotteaux International S.A.	2021288211	OURS Technology, LLC
2021278901	PayPal, Inc.	2021288920	MV BioTherapeutics SA
2021278931	Indiana University Research and Technology Corporation	2021289061	KWS SAAT SE & Co. KGaA
2021278935	TrueBinding, Inc.	2021291051	Resolve Biosciences GmbH
2021279008	Akouos, Inc.	2021291158	Boston Scientific Medical Device Limited
2021279010	ZymoChem, Inc.	2021291211	Bracco Suisse SA
2021279027	Korro Bio, Inc.	2021291591	Kemira OYJ
2021279111	Dejero Labs Inc.	2021291684	Alkem Laboratories Limited
2021279205	Amplia Therapeutics Pty Ltd	2021291793	Energy Dome S.p.A.
2021279211	Technological Resources Pty. Limited	2021291926	Raytheon Company
2021279510	ZTE Corporation	2021292302	Paige.AI, Inc.
2021279777	Suzhou Transcenta Therapeutics Co., Ltd.	2021292346	thyssenkrupp nucera AG & Co. KGaA
2021279784	Komatsu Ltd.	2021292521	GRAIL, LLC
2021280088	Unicharm Corporation	2021292943	Universitätsspital Basel
2021280233	Illumina, Inc.	2021293416	Taisei Corporation
2021280245	Regeneron Pharmaceuticals, Inc.	2021293776	Nohms Technologies, Inc.
2021280249	Candela Corporation	2021293804	Fuchs Petrolub SE
2021280278	Case Western Reserve University	2021294274	Resolve Biosciences GmbH
2021280283	Shape Therapeutics Inc.	2021295081	Illumina Cambridge Limited
2021280300	Graco Minnesota Inc.	2021295104	Société des Produits Nestlé S.A.
2021280314	Epizyme, Inc.	2021295502	Delaval Holding AB
2021280343	FUJIFILM Cellular Dynamics, Inc.	2021296376	Sun Pharmaceutical Industries Limited
2021280368	Mars, Incorporated	2021296460	Qualcomm Incorporated
2021280414	Wilfrid Laurier University	2021296690	FrieslandCampina Nederland B.V.
2021281176	Eli Lilly and Company	2021298118	University of Zürich
2021281215	Advanced Drainage Systems, Inc.	2021298468	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2021281239	Advanced Drainage Systems, Inc.	2021298505	Xinjiang Goldwind Science & Technology Co., Ltd.
2021281246	Edwards Lifesciences Corporation	2021298920	Johnson Matthey Public Limited Company
2021281277	Wayne Fueling Systems LLC	2021299216	Illumina, Inc.
2021281311	Braskem America, Inc.	2021300129	Regeneron Pharmaceuticals, Inc.
2021281414	Balchem Corporation	2021300366	OURS Technology, LLC
2021281417	23andMe, Inc.	2021300610	Johnson Matthey Public Limited Company
2021281484	Embrace Medical Ltd.	2021300990	Huawei Technologies Co., Ltd.
2021281668	Adama Makhteshim Ltd.	2021301422	Société des Produits Nestlé S. A.
2021282335	Graco Minnesota Inc.	2021302225	The Yokohama Rubber Co., Ltd.
2021282368	Monotony.AI, Inc.	2021303604	Arkema France

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2021305435 Arkema France  
2021306551 F. Hoffmann-La Roche AG  
2021306687 Johnson Matthey Hydrogen Technologies Limited  
2021309549 Navigo Proteins GmbH  
2021311159 Komatsu Ltd.  
2021311781 Refractory Intellectual Property GmbH & Co. KG  
2021312452 Komatsu Ltd.  
2021313159 Bardex Corporation  
2021315544 MAKO Surgical Corp.  
2021316524 Société des Produits Nestlé S.A.  
2021323392 Charité - Universitätsmedizin Berlin  
2021323936 Lightforce Australia Pty Limited  
2021326569 IHI Corporation  
2021330793 0798465 B.C. LTD  
2021340055 IHI Corporation  
2021351611 Innovative Signal Analysis, Inc.  
2021362770 Gyroscope Therapeutics Limited  
2021366657 Katmai Tech LLC  
2021420802 Cj Cheiljedang Corporation  
2021433061 iKamper Co., Ltd.  
2021435256 China Tiesiju Civil Engineering Group Co., Ltd.; The  
First Engineering Co.,Ltd. of CTCE Group  
2022204775 Shionogi & Co., Ltd.; National University Corporation  
Hokkaido University  
2022225120 Christensen, H.  
2022256100 Jiangnan Environmental Protection Group Inc.; Jiangsu  
New Century Jiangnan Environmental Protection Inc.,  
Ltd

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2021266771	2021258487	2021253251	2021252220	2021270577	2021262738
	2021281668	2021277305	2021253782	2021281246	2021262745
<b><u>A01G 31 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23L 33 /-</u></b>	2021253786	2021283407	2021263078
2021277527	2021265277	2021253951	2021257263	2021315544	2021263411
	2021281668	2021257867	2021257867	<b><u>A61F 5 /-</u></b>	2021263554
<b><u>A01G 9 /-</u></b>	<b><u>A01N 63 /-</u></b>	2021266748	2021266748	2021283743	2021263932
2021277527	2021265277	2021267950	2021267950	2021286233	2021264010
		2021281246	2021281246	<b><u>A61F 7 /-</u></b>	2021264454
<b><u>A01H 1 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A61B 18 /-</u></b>		2021277096	2021264698
2021268958	2021265277	2021277096		<b><u>A61F 9 /-</u></b>	2021264829
		2021280249		2021277096	2021265345
<b><u>A01H 4 /-</u></b>	<b><u>A01P 13 /-</u></b>	2021291158		<b><u>A61G 10 /-</u></b>	2021266136
2021271046	2020446030	<b><u>A23L 7 /-</u></b>	2021277096	2021276787	2021266434
	2021258487	2021283808	2021280249	<b><u>A61G 3 /-</u></b>	2021266505
<b><u>A01H 5 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A24D 1 /-</u></b>	2021291158	2021277096	2021266969
2021268958	2021281668	2021274841	<b><u>A61B 3 /-</u></b>	<b><u>A61G 10 /-</u></b>	2021267083
2021271046	2021284956	2021274843	2021265807	2021276787	2021267161
		<b><u>A41G 5 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61G 3 /-</u></b>	2021267172
<b><u>A01J 5 /-</u></b>	<b><u>A01P 7 /-</u></b>	2021253254	2021315544	2021276787	2021267373
2021295502	2021265277	<b><u>A45D 24 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61H 19 /-</u></b>	2021267670
		2021252631	2020447660	2021251697	2021267691
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2021273057	2021253251	2021272976	2021257127	2021276787	2021267954
			2021265344	<b><u>A61H 19 /-</u></b>	2021268129
<b><u>A01K 61 /-</u></b>	<b><u>A23B 7 /-</u></b>	<b><u>A47D 13 /-</u></b>	2021265807	2021251697	2021268204
2021273057	2021253251	2021269138	2021266423	<b><u>A61H 23 /-</u></b>	2021268223
			2021268331	2021277096	2021268465
<b><u>A01K 67 /-</u></b>	<b><u>A23B 9 /-</u></b>	<b><u>A47G 21 /-</u></b>	2021276226	<b><u>A61H 9 /-</u></b>	2021268614
2021283564	2021253251	2021265131	2021277096	2021251697	2021268887
			2021278901	<b><u>A61J 1 /-</u></b>	2021268944
<b><u>A01N 1 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A47J 31 /-</u></b>	2021291158	2021270860	2021269001
2021246553	2021276594	2021296690	2021306551	<b><u>A61K 31 /-</u></b>	2021269223
			<b><u>A61B 6 /-</u></b>	2021270518	2021269231
<b><u>A01N 25 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A47K 10 /-</u></b>	2021259666	2021270587	2021269232
2020446030	2021276594	2020442430	<b><u>A61B 8 /-</u></b>	2021270720	2021270426
2021258487	2021316524	2020443633	2021276324	2021270750	2021270518
2021260918	<b><u>A23K 10 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>A61B 90 /-</u></b>	2021270856	2021270587
2021267206	2021253904	2021259784	2021266748	2021270867	2021270969
2021281414	<b><u>A23K 20 /-</u></b>	<b><u>A47L 7 /-</u></b>	2021267950	2021271122	2021270969
2021281668	2021280368	2021260959	<b><u>A61C 7 /-</u></b>	2021271844	2021270969
			2021246132	2021271844	2021270969
<b><u>A01N 37 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47L 9 /-</u></b>	2021246385	2021271844	2021270969
2021265277	2021280368	2021260959	2021246385	2021271844	2021270969
			2021246790	2021271844	2021270969
<b><u>A01N 39 /-</u></b>	<b><u>A23K 27 /-</u></b>	<b><u>A61B 1 /-</u></b>	2021248301	2021271844	2021270969
2020446030	2021253904	2020447660	2021248301	2021271844	2021270969
	2021280368	2021260959	2021248363	2021271844	2021270969
<b><u>A01N 43 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A61B 10 /-</u></b>	2021249486	2021271844	2021270969
2020446030	2021316524	2021280278	2021251753	2021271844	2021270969
2021260918			2021254765	2021271844	2021270969
2021263052	<b><u>A23L 27 /-</u></b>		2021255084	2021271844	2021270969
2021267206	2021271046		2021255723	2021271844	2021270969
2021267657			2021256331	2021271844	2021270969
2021284956			2021257414	2021271844	2021270969
			2021258909	2021271844	2021270969
			2021259814	2021271844	2021270969
			2021260923	2021271844	2021270969
			2021261423	2021271844	2021270969
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2021291211	2021210629	2021273936	2021270470	2021274879	2021259440
2021291684	2021246385	2021277578		2021288920	2021264454
2021292943	2021249525	2021278935	<b><u>A61L 29 /-</u></b>		2021270720
2021295104	2021250704	2021283005		<b><u>A61P 11 /-</u></b>	2021280343
2021298118	2021251486	2021283320	2021276157		2021362770
2022204775	2021252155			2021255445	
	2021253830	<b><u>A61K 48 /-</u></b>	<b><u>A61L 31 /-</u></b>	2021258546	<b><u>A61P 29 /-</u></b>
<b><u>A61K 33 /-</u></b>	2021255132		2021276157	2021260923	
	2021255445	2021246385		2021264829	2020447169
2021258546	2021260639	2021279027	<b><u>A61L 9 /-</u></b>	2021266505	2021254765
2021268465	2021262322	2021362770		2021266603	2021258909
2021273079	2021262521		2021304552	2021268465	2021259814
	2021262745	<b><u>A61K 49 /-</u></b>		2021274879	2021259877
<b><u>A61K 35 /-</u></b>	2021264007		<b><u>A61M 1 /-</u></b>	2021279205	2021263078
	2021264068	2020447660		2021285494	
2021246385	2021265165	2021265165	2021271803	2021285503	<b><u>A61P 3 /-</u></b>
2021253904	2021266721	2021280414	2021276453	2021291684	
2021262833	2021266969	2021286067			2020447169
2021263607	2021268212		<b><u>A61M 16 /-</u></b>	<b><u>A61P 13 /-</u></b>	2021251753
2021264089	2021268253				2021257477
2021264523	2021268340	2020442430	2021252828	2021264698	2021260870
2021264758	2021268361	2020459437	2021257398	2021264829	2021261570
2021266603	2021268953	2021271046	2021265702	2021266505	2021264454
2021266969	2021269783	2021272255	2021270381	2021274879	2021264698
2021268953	2021272212	2021276594		2021275623	2021264758
2021269237	2021272340		<b><u>A61M 25 /-</u></b>	<b><u>A61P 15 /-</u></b>	2021268600
2021272340	2021273101				2021269231
2021273101	2021273210	<b><u>A61K 9 /-</u></b>	2021261260	2021255084	2021269232
2021274846	2021273460		2021275217		2021273262
2021280343	2021276265	2020447169	2021281484	<b><u>A61P 17 /-</u></b>	2021274879
2021288920	2021278935	2020448839			2021283320
2021295104	2021279777	2021249486	<b><u>A61M 37 /-</u></b>	2020459437	2021288920
	2021280245	2021254765		2021266157	2021295104
<b><u>A61K 36 /-</u></b>	2021280414	2021255623	2021283320		2021296376
	2021285044	2021256331	<b><u>A61M 39 /-</u></b>	<b><u>A61P 19 /-</u></b>	
2021246761	2021300129	2021257342			<b><u>A61P 31 /-</u></b>
2021253904	2021309549	2021257477	2021266740	2020447169	2020447636
2021264109	2021362770	2021258537	2021272913	2021255445	2021250704
2021271046		2021259440	2021281484	2021262493	2021253904
2021276594	<b><u>A61K 45 /-</u></b>	2021260870		2021278931	2021254765
2021283320		2021260923	<b><u>A61M 5 /-</u></b>		2021255132
	2020444897	2021261423		<b><u>A61P 19 /-</u></b>	2021258546
<b><u>A61K 38 /-</u></b>	2021255084	2021262136	2020445596		2021259814
	2021264698	2021265311	2021241336	2021264454	2021259877
2021255132	2021266721	2021266529	2021262737	2021264758	2021262136
2021255701	2021267670	2021267865	2021267416	2021272972	2021262521
2021257342	2021267865	2021270426	2021270055		2021264007
2021257477	2021269001	2021270518	2021276514	<b><u>A61P 25 /-</u></b>	2021264758
2021260639	2021271778	2021270587	2021279008		2021265345
2021260870	2021273460	2021270750		2021249486	2021266136
2021261423	2021283320	2021270856	<b><u>A61M 60 /-</u></b>	2021251753	2021267670
2021262136	2021284148	2021273469		2021257414	2021268129
2021264846	2021288920	2021275620	2021263535	2021261570	2021268361
2021266157	2021291684	2021276517		2021263554	2021268953
2021267083		2021283320	<b><u>A61N 1 /-</u></b>	2021264010	2021269001
2021268075	<b><u>A61K 47 /-</u></b>	2021285494		2021264454	2021269001
2021268212		2021285494	2021247476	2021265165	2021270426
2021268600	2020444897	2021285802	2021257466	2021267161	2021270969
2021270587	2020448839	2021291684	2021266780	2021267691	2021271862
2021271778	2021253833			2021268223	2021273101
2021273262	2021255132	<b><u>A61L 2 /-</u></b>	<b><u>A61N 5 /-</u></b>	2021268887	2021273460
2021273469	2021255623			2021268944	2021274846
2021274846	2021256331	2021267108	2021280249	2021269223	2021275620
2021276517	2021257414	2021270055		2021269231	2021276517
2021278931	2021258537	2021276157	<b><u>A61P 1 /-</u></b>	2021269232	2021277517
2021283320	2021259877	2021304552		2021274879	2021280414
2021288920	2021260923		2021261570	2021275233	2021284148
2021296376	2021261423	<b><u>A61L 27 /-</u></b>	2021264698	2021280283	2021285494
2021362770	2021266721		2021264829	2021292943	2021285503
	2021267865	2020443729	2021266505	2021298118	2021323392
		2020445491	2021268944		202204775



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	2021268600	2021268331	2020443710	2020445735	2021268275
2021246132	2021271046		2021254891	<b>B25J 11 /-</b>	<b>B42D 25 /-</b>
2021246385	2021274879	<b>A63B 26 /-</b>			
2021246790	2021275829		<b>B01J 35 /-</b>	2021282368	2021252121
2021248301	2021280314	2021268331			
2021248363	2021285503		2020447141	<b>B25J 19 /-</b>	<b>B60L 1 /-</b>
2021251753	2022204775	<b>A63B 57 /-</b>	2020447754		
2021253830			2021254891	2021291926	2021246134
2021253833	<b>A61P 5 /-</b>	2021276355	2021281311		
2021255084		<b>A63B 69 /-</b>		<b>B25J 9 /-</b>	<b>B60L 15 /-</b>
2021259814	2021264758		<b>B01J 37 /-</b>		
2021260639		2021257127	2021306687	2021258870	2021259669
2021261423	<b>A61P 7 /-</b>			2021282368	
2021261681		<b>A63B 71 /-</b>			<b>B60L 5 /-</b>
2021262322	2020447169		<b>B01J 8 /-</b>	<b>B27N 3 /-</b>	2021285012
2021262745	2021254765	2021257127			
2021262833	2021268465	2021268331	2021279211	2021267203	
2021263607	2021270867	2021276355			<b>B60L 53 /-</b>
2021264001	2021275623		<b>B01L 3 /-</b>	<b>B29C 33 /-</b>	2021269714
2021264089		<b>A63F 1 /-</b>			2021285012
2021264846	<b>A61P 9 /-</b>		2021284208	2021247418	
2021266688		2021263223			
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2021267995	2021264454	2021267295			
2021268075	2021264698	2021305435	<b>B02C 2 /-</b>	<b>B29C 45 /-</b>	<b>B60L 7 /-</b>
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2021268614	2021266505	<b>B01D 19 /-</b>	2021278584	2020443729	2020447972
2021268953	2021267954				
2021270518	2021269237	2021240875	<b>B07B 1 /-</b>	<b>B29C 51 /-</b>	<b>B60M 3 /-</b>
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2021270750	<b>A61Q 13 /-</b>	<b>B01D 21 /-</b>	2021278328	2021247418	2021252448
2021271122					
2021271778	2021271046	2021240875	<b>B07C 5 /-</b>	<b>B29C 64 /-</b>	<b>B60Q 9 /-</b>
2021271844		<b>B01D 53 /-</b>			
2021272340	<b>A61Q 19 /-</b>		2021275440	2021268275	2021258330
2021273744		2021252087	2021286772		
2021274846	2020459437	2021267381		<b>B29C 65 /-</b>	<b>B60T 1 /-</b>
2021275620		2021278423	<b>B09B 3 /-</b>		
2021277578	<b>A61Q 5 /-</b>	2021286875		2021257399	2020447972
2021280245		2022256100	2021267321		
2021280314	2021272255		<b>B21D 22 /-</b>	<b>B29C 67 /-</b>	<b>B60T 13 /-</b>
2021280414		<b>B01D 61 /-</b>			
2021281176	<b>A62B 13 /-</b>		2021272661	2021256474	2020447972
2021281417		2021330793			
2021284240	2021252522		<b>B21D 51 /-</b>	<b>B29C 70 /-</b>	<b>B60T 8 /-</b>
2021285032		<b>B01D 69 /-</b>			
2021285414	<b>A62B 18 /-</b>		2021272661	2020443729	2021258330
2021291211		2021270470		2021268275	
2021323392	2021252522		<b>B22D 19 /-</b>	<b>B31B 50 /-</b>	<b>B61C 3 /-</b>
	2021266892	<b>B01D 71 /-</b>			
<b>A61P 37 /-</b>	<b>A62B 23 /-</b>		2021278584	2021257399	2020447972
		2021270470			
2021210629	2021252522		<b>B22D 41 /-</b>	<b>B31F 1 /-</b>	<b>B61H 5 /-</b>
2021255445	2021266892	<b>B01D 9 /-</b>			
2021259814			2021311781	2020442430	2020447972
2021266529	<b>A62B 31 /-</b>	2021240875			<b>B61K 9 /-</b>
2021272212			<b>B22F 3 /-</b>	<b>B32B 27 /-</b>	2021252448
2021274846	2021252522	<b>B01J 19 /-</b>			
2021285044			2021278584	2021256474	<b>B61L 25 /-</b>
2021300129	<b>A62B 7 /-</b>	2020447754			
			<b>B22F 5 /-</b>	<b>B32B 37 /-</b>	2021252448
<b>A61P 39 /-</b>	2021252522	<b>B01J 20 /-</b>			
			2021278584	2021277372	<b>B61L 27 /-</b>
2021276517	<b>A62B 9 /-</b>	2021264109			
			<b>B22F 7 /-</b>	<b>B33Y 10 /-</b>	2020467390
<b>A61P 43 /-</b>	2021252522	<b>B01J 23 /-</b>			
			2021278584	2021268275	<b>B61L 29 /-</b>
2021255084		2020447141			2021258330
2021266505		2020447754			
		2021306687			

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<b>B62D 12 /-</b>	<b>B65D 6 /-</b>	<b>C01B 3 /-</b>	<b>C07C 237 /-</b>	2021268887	2021268129
2021268616	2021257399	2020443710	2021288202	2021268944	2021268614
<b>B62D 5 /-</b>	<b>B65D 73 /-</b>	2021260101	<b>C07C 39 /-</b>	<b>C07D 249 /-</b>	2021269231
2021268616	2021269861	2021286875	2021256331	2021260918	2021269232
<b>B63B 21 /-</b>	<b>B65D 75 /-</b>	2021298920	<b>C07C 41 /-</b>	2021266136	2021278406
2021313159	2021252177	2021300610	<b>C07D 261 /-</b>	<b>C07D 413 /-</b>	2021285032
<b>B64B 1 /-</b>	<b>B65D 81 /-</b>	2021303604	2021305435	2021267657	2021248363
2021252887	2020448532	2021274484	<b>C07C 5 /-</b>	<b>C07D 263 /-</b>	2021259814
<b>B64C 1 /-</b>	2021252177	2021275586	2020443710	2021266743	2021266743
2021268275	2021257399	2021286875	<b>C07C 7 /-</b>	<b>C07D 277 /-</b>	2021267657
<b>B64C 11 /-</b>	<b>B65D 85 /-</b>	<b>C01B 39 /-</b>	2021305435	2021261570	2021268223
2021246540	2021257399	2021267295	<b>C07D 205 /-</b>	<b>C07D 295 /-</b>	2021268614
2021252887	<b>B65G 1 /-</b>	<b>C01C 1 /-</b>	2021266743	2021267865	2021269231
<b>B64C 27 /-</b>	2021255118	2020447754	2021275829	<b>C07D 417 /-</b>	2021272972
2021276318	<b>B65G 15 /-</b>	<b>C01D 15 /-</b>	<b>C07D 207 /-</b>	<b>C07D 311 /-</b>	2021275623
<b>B64C 29 /-</b>	2021302225	2021267295	2021263078	2021251753	2021285032
2021276318	<b>B65G 43 /-</b>	<b>C01G 29 /-</b>	2021266743	2021256331	2021261570
<b>B64C 3 /-</b>	2021302225	2021254891	2021285414	2021258909	2021267373
2021268275	<b>B65H 5 /-</b>	<b>C01G 49 /-</b>	<b>C07D 209 /-</b>	2021265825	2021268614
<b>B64D 17 /-</b>	2021258870	2021244968	2021267865	<b>C07D 401 /-</b>	2021269232
2021282650	<b>B66B 23 /-</b>	<b>C02F 1 /-</b>	2021274879	2021251753	2021275623
<b>B64D 27 /-</b>	2021266568	2021240875	2021285414	2021259814	2021285032
2021268713	<b>B66B 31 /-</b>	2021267381	<b>C07D 211 /-</b>	2021263052	2021268614
<b>B64F 1 /-</b>	2021266568	<b>C02F 9 /-</b>	2021266743	2021266743	2021268129
2021258330	<b>B66D 1 /-</b>	2021267381	<b>C07D 213 /-</b>	2021267373	2021268614
<b>B65B 3 /-</b>	2021313159	<b>C04B 14 /-</b>	2021266743	<b>C07D 403 /-</b>	2021264829
2021276514	<b>B67D 1 /-</b>	2021266880	<b>C07D 215 /-</b>	2021248363	2021269231
<b>B65B 61 /-</b>	2021264608	<b>C04B 18 /-</b>	2021266743	2021251753	2021269232
2021253901	2021269809	2021293416	<b>C07D 217 /-</b>	2021263052	2021274879
<b>B65B 7 /-</b>	2021270974	<b>C04B 22 /-</b>	2021266136	2021266136	2021281176
2021276514	<b>B82Y 10 /-</b>	2021293416	2021268223	<b>C07D 471 /-</b>	2021285414
<b>B65C 9 /-</b>	2021266418	<b>C04B 28 /-</b>	2021268614	2021259814	2021259814
2021258870	<b>B82Y 15 /-</b>	2021266880	<b>C07D 221 /-</b>	2021267161	2021267373
2021275769	2021256330	2021293416	2021266743	2021268129	2021268129
<b>B65D 25 /-</b>	<b>C01B 21 /-</b>	<b>C05B 19 /-</b>	<b>C07D 215 /-</b>	2021267373	2021272972
2021253901	2021258546	2021240875	2021266743	2021266136	2021274879
2021257399	<b>B82Y 30 /-</b>	<b>C05G 5 /-</b>	2021276066	2021268223	2021281176
<b>B65D 5 /-</b>	2020447141	<b>C07C 13 /-</b>	2021285414	2021268614	2021285414
2021252177	2021240875	<b>C07D 235 /-</b>	<b>C07D 213 /-</b>	2021272730	2021266136
	2021244968	2021256474	2022204775	2021272972	<b>C07D 487 /-</b>
			<b>C07D 221 /-</b>	2021285414	2021253833
			2021266743	2022204775	2021259814
			<b>C07D 215 /-</b>	<b>C07D 405 /-</b>	2021269223
			2021266743	2021259814	2021271844
			<b>C07D 231 /-</b>	2021267373	2021272972
			2021266743	2021268614	2021273744
			2021276066	2021272730	2021273802
			2021285414	2021272972	
			<b>C07D 221 /-</b>	2021269232	
			2021266743	2021285414	
			<b>C07D 235 /-</b>	2022204775	
			2021266743	<b>C07D 403 /-</b>	
			<b>C07D 231 /-</b>	2021248363	
			2021266743	2021251753	
			<b>C07D 235 /-</b>	2021263052	
			2021268614	2021266136	
			<b>C07D 239 /-</b>	2021268223	
			2021267206	2021268614	
			2021268129	2021272730	
			<b>C07D 409 /-</b>	2021272730	
			2021259814	2021272730	
			<b>C07D 409 /-</b>	<b>C07D 407 /-</b>	
			2021259814	2021275620	
			<b>C07D 409 /-</b>	<b>C07D 491 /-</b>	
			2021259814	2021274879	
			<b>C07D 409 /-</b>	<b>C07D 495 /-</b>	
			2021259814	2021268614	

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

<b><u>C07D 498 /-</u></b> 2021248363 2021267657 2021267691 2021274879	2021266969 2021267163 2021267411 2021268340 2021268361 2021270867 2021272212 2021277578 2021279777 2021280245 2021281417 2021283564 2021284240 2021285802 2021300129 2021309549 2021362770	<b><u>C08J 9 /-</u></b> 2020440413 2021264109	<b><u>C11D 3 /-</u></b> 2021272255	2021323392 2021362770 2021420802	2021255147 2021258546 2021265878 2021267154 2021269237 2021271046 2021271639 2021273299 2021280233 2021283808 2021286067 2021287900 2021291051 2021292521 2021294274 2021295081 2021299216 2021306551
<b><u>C07D 519 /-</u></b> 2021271844 2021272972 2021275233		<b><u>C08K 3 /-</u></b> 2021256474 2021257418 2021270999	<b><u>C11D 9 /-</u></b> 2021272255	<b><u>C12N 5 /-</u></b> 2021246385 2021262322 2021263745 2021264523 2021264758 2021265165 2021265797 2021266529 2021268958 2021269237 2021271046 2021271705 2021272340 2021273101 2021280343 2021286008 2021286067 2021323392	2021286067 2021286067 2021291051 2021292521 2021294274 2021295081 2021299216 2021306551
<b><u>C07H 1 /-</u></b> 2021295081		<b><u>C08K 5 /-</u></b> 2021270999 2021293776	<b><u>C12C 11 /-</u></b> 2021269809 2021270974		
<b><u>C07H 19 /-</u></b> 2021275620 2021295081	<b><u>C07K 19 /-</u></b> 2021259323 2021264846	<b><u>C08L 23 /-</u></b> 2020445735	<b><u>C12G 3 /-</u></b> 2021269809 2021270974		
<b><u>C07H 21 /-</u></b> 2021263554 2021268958 2021295081	<b><u>C07K 7 /-</u></b> 2021255623 2021271778	<b><u>C08L 3 /-</u></b> 2021283005	<b><u>C12H 3 /-</u></b> 2021270974	<b><u>C12M 1 /-</u></b> 2021255147 2021264292	<b><u>C12R 1 /-</u></b> 2021286067
<b><u>C07K 14 /-</u></b> 2021210629 2021249525 2021252924 2021255701 2021257342 2021257477 2021259323 2021260870 2021262521 2021262833 2021263607 2021264089 2021264292 2021264846 2021267083 2021267163 2021268253 2021268757 2021271778 2021273262 2021273447 2021278931 2021287299 2021296376 2021309549 2021362770	<b><u>C08B 31 /-</u></b> 2021283005  <b><u>C08B 37 /-</u></b> 2020459437  <b><u>C08F 122 /-</u></b> 2021264109  <b><u>C08F 2 /-</u></b> 2021264109  <b><u>C08F 212 /-</u></b> 2021264109  <b><u>C08F 220 /-</u></b> 2021264109 2021270470  <b><u>C08F 222 /-</u></b> 2020444841 2021264109  <b><u>C08F 255 /-</u></b> 2020444841  <b><u>C08F 265 /-</u></b> 2021256474  <b><u>C08F 32 /-</u></b> 2021256474  <b><u>C08G 69 /-</u></b> 2021270999	<b><u>C08L 51 /-</u></b> 2020445735  <b><u>C08L 67 /-</u></b> 2021256474  <b><u>C08L 77 /-</u></b> 2021279010  <b><u>C09C 1 /-</u></b> 2021244968  <b><u>C09D 5 /-</u></b> 2021266657  <b><u>C09K 8 /-</u></b> 2021281414  <b><u>C10G 1 /-</u></b> 2021281311  <b><u>C10G 11 /-</u></b> 2021281311  <b><u>C10G 27 /-</u></b> 2021281311  <b><u>C10L 3 /-</u></b> 2021252087  <b><u>C10L 5 /-</u></b> 2021279211  <b><u>C10M 173 /-</u></b> 2021293804  <b><u>C11C 5 /-</u></b> 2021253901	<b><u>C12N 1 /-</u></b> 2021246385 2021246553  <b><u>C12N 15 /-</u></b> 2021246385 2021252151 2021252924 2021253830 2021255445 2021257414 2021259422 2021260914 2021261359 2021261423 2021262322 2021263554 2021263932 2021264010 2021265165 2021267083 2021267154 2021267163 2021267379 2021267940 2021268253 2021268958 2021270720 2021271046 2021271778 2021272212 2021272383 2021273101 2021273363 2021273447 2021274109 2021275327 2021276265 2021278931 2021279027 2021280283 2021280414 2021283564 2021283808 2021285044	<b><u>C12N 7 /-</u></b> 2021259422 2021264292 2021268212 2021269783 2021276265  <b><u>C12N 9 /-</u></b> 2021210629 2021259440 2021261423 2021267379 2021267940 2021268253 2021270720 2021271637 2021271831 2021272383 2021274109 2021285044 2021323392  <b><u>C12P 1 /-</u></b> 2021420802  <b><u>C12P 13 /-</u></b> 2021279010 2021420802  <b><u>C12P 19 /-</u></b> 2021271046  <b><u>C12P 21 /-</u></b> 2021246385  <b><u>C12P 5 /-</u></b> 2021272383  <b><u>C12Q 1 /-</u></b> 2021246553 2021253963	<b><u>C21B 11 /-</u></b> 2021278375  <b><u>C21B 13 /-</u></b> 2021278375 2021279211  <b><u>C21C 5 /-</u></b> 2020443584  <b><u>C21C 7 /-</u></b> 2020443584  <b><u>C21D 1 /-</u></b> 2020442274  <b><u>C21D 11 /-</u></b> 2020442274  <b><u>C22B 1 /-</u></b> 2021278375  <b><u>C22B 11 /-</u></b> 2021279211  <b><u>C22B 5 /-</u></b> 2021278375 2021279211  <b><u>C22B 7 /-</u></b> 2021267321  <b><u>C22C 1 /-</u></b> 2021278584  <b><u>C22C 33 /-</u></b> 2021278584

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<b><u>C22C 38 /-</u></b>	<b><u>D21B 1 /-</u></b>	<b><u>E03B 3 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F03D 17 /-</u></b>	<b><u>F15C 1 /-</u></b>
2020442274	2021271403 2021272255	2021253247	2021266734 2021267166 2021267371 2021272899	2021298505	2021277168
<b><u>C23C 14 /-</u></b>	<b><u>D21D 1 /-</u></b>	<b><u>E03F 1 /-</u></b>		<b><u>F03D 7 /-</u></b>	<b><u>F15D 1 /-</u></b>
2021252195	2021271403	2021281215 2021281239	<b><u>E21B 45 /-</u></b>	2021298468 2021298505	2021277168
<b><u>C25B 1 /-</u></b>	<b><u>D21F 11 /-</u></b>	<b><u>E03F 3 /-</u></b>	2021267541	<b><u>F03D 80 /-</u></b>	<b><u>F16B 35 /-</u></b>
2021260101 2021330793	2020442430	2021281215	<b><u>E21B 47 /-</u></b>	2020450114 2020452476	2021323936
<b><u>C25B 15 /-</u></b>	<b><u>D21H 11 /-</u></b>	<b><u>E03F 5 /-</u></b>	2021269917	<b><u>F03G 6 /-</u></b>	2021323936
2021260101	2021267203 2021271403	2021262461 2021281239	<b><u>E21B 49 /-</u></b>	2021248410	<b><u>F16F 15 /-</u></b>
<b><u>C25D 3 /-</u></b>	<b><u>D21H 19 /-</u></b>	<b><u>E04B 1 /-</u></b>	2021275907	<b><u>F04B 15 /-</u></b>	2021270571
2021260899	2021291591	2021268598	<b><u>E21B 7 /-</u></b>	2021262461 2021280300 2021282335	<b><u>F16J 15 /-</u></b>
<b><u>C25D 5 /-</u></b>	<b><u>D21H 21 /-</u></b>	<b><u>E04C 5 /-</u></b>	2021270788	<b><u>E21D 11 /-</u></b>	2021270781
2021260899	2020442430	2021268598	2021279784	<b><u>F04B 17 /-</u></b>	<b><u>F16K 17 /-</u></b>
<b><u>C40B 40 /-</u></b>	<b><u>D21H 27 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21D 9 /-</u></b>	2021280300 2021282335	2021272833
2021273447	2020442430 2021291591	2021263242	2021279784	<b><u>F04B 23 /-</u></b>	<b><u>F16K 31 /-</u></b>
<b><u>D05C 15 /-</u></b>	<b><u>E01B 3 /-</u></b>	<b><u>E04H 3 /-</u></b>	<b><u>F01K 25 /-</u></b>	2021262461 2021280300 2021282335	2021268798
2021264471	2021256474	2021263242	2021291793	<b><u>F04B 39 /-</u></b>	<b><u>F16K 37 /-</u></b>
<b><u>D06F 33 /-</u></b>	<b><u>E01B 9 /-</u></b>	<b><u>E06C 7 /-</u></b>	<b><u>F01K 3 /-</u></b>	2021268063	2021268798
2021248761	2021256474	2021433061	2021291793	<b><u>F04B 39 /-</u></b>	<b><u>F16K 5 /-</u></b>
<b><u>D06F 58 /-</u></b>	<b><u>E01C 19 /-</u></b>	<b><u>E21B 10 /-</u></b>	<b><u>F01K 7 /-</u></b>	2021268063	2021272833
2021248761	2021267135	2021275907	2021291793	<b><u>F04B 49 /-</u></b>	<b><u>F16K 7 /-</u></b>
<b><u>D06F 63 /-</u></b>	<b><u>E01C 9 /-</u></b>	<b><u>E21B 15 /-</u></b>	<b><u>F02C 1 /-</u></b>	2021259463 2021262461	2021268798
2021284976	2021258330	2021269839 2021270788	2021248410	<b><u>F04B 53 /-</u></b>	<b><u>F16L 11 /-</u></b>
<b><u>D06F 67 /-</u></b>	<b><u>E01D 2 /-</u></b>	<b><u>E21B 21 /-</u></b>	<b><u>F02C 3 /-</u></b>	2021268063 2021280300 2021282335	2021268096
2021282368 2021284976	2021435256	2021267541	2021268906	<b><u>F16L 21 /-</u></b>	2021267606
<b><u>D06F 71 /-</u></b>	<b><u>E01D 21 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F02C 7 /-</u></b>	<b><u>F04B 9 /-</u></b>	<b><u>F16L 23 /-</u></b>
2021282368	2021435256	2020460168 2021267826 2021269917	2021268906	2021280300	2021267606
<b><u>D06F 87 /-</u></b>	<b><u>E01F 13 /-</u></b>	<b><u>E21B 29 /-</u></b>	<b><u>F02K 7 /-</u></b>	<b><u>F04C 18 /-</u></b>	<b><u>F16L 25 /-</u></b>
2021284976	2021258330	2021268713	2021268713	2021270571	2021281239
<b><u>D06F 89 /-</u></b>	<b><u>E02B 11 /-</u></b>	2021272899	<b><u>F03B 11 /-</u></b>	<b><u>F04C 29 /-</u></b>	<b><u>F16L 3 /-</u></b>
2021282368 2021284976	2021281239	<b><u>E21B 34 /-</u></b>	2021254256	2021270571	2021267606
<b><u>D06F 93 /-</u></b>	<b><u>E02F 3 /-</u></b>	2020460168 2021267371 2021267826	<b><u>F03B 13 /-</u></b>	<b><u>F04D 13 /-</u></b>	<b><u>F16L 33 /-</u></b>
2021282368	2021311159 2021312452	2021267826	2021254256 2021277197 2022225120	2021262461	2021268096
<b><u>D06F 95 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 4 /-</u></b>	<b><u>F03B 17 /-</u></b>	<b><u>F04D 15 /-</u></b>	<b><u>F16L 39 /-</u></b>
2021282368	2021278492 2021311159 2021312452	2021267166	2022225120	2021262461	2021271276
<b><u>D06L 1 /-</u></b>	<b><u>E21B 41 /-</u></b>	2021266734	<b><u>F03B 3 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F16L 41 /-</u></b>
2021267108			2021254256	2021262461 2021266564	2021281215

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<b><u>F16L 43 /-</u></b>	<b><u>F41A 11 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G03B 17 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G06Q 30 /-</u></b>
2021271276	2021323936	2021272734	2020440208	2021262138	2021248661
<b><u>F16L 5 /-</u></b>	<b><u>F41A 17 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G03B 21 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G06Q 50 /-</u></b>
2021271276	2021275486	2021251316 2021263397 2021265086	2021272976	2021262138 2021271082	2020467390 2021263223 2021275440
<b><u>F17C 13 /-</u></b>	<b><u>F41A 21 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G05B 19 /-</u></b>	<b><u>G06K 17 /-</u></b>	<b><u>G06T 11 /-</u></b>
2021272734	2021323936	2020447660 2021246553 2021255147 2021263397 2021265086 2021280343 2021283177 2021284208 2021285802	2020444647 2021252087 2021277577	2021275769	2021292302
<b><u>F17C 9 /-</u></b>	<b><u>F41A 3 /-</u></b>	<b><u>G01N 35 /-</u></b>	<b><u>G05B 23 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>G06T 17 /-</u></b>
2021276359	2021276578 2021323936	2021260963	2021262461	2021261148 2021263223 2021266748 2021275769 2021276226	2020275093
<b><u>F17D 5 /-</u></b>	<b><u>F41A 35 /-</u></b>	<b><u>G01R 15 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06K 5 /-</u></b>	<b><u>G06T 19 /-</u></b>
2021272734	2021275486	2021252448	2021269839 2021284027	2021275769	2021366657
<b><u>F21V 35 /-</u></b>	<b><u>F41B 9 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G05D 16 /-</u></b>	<b><u>G06K 7 /-</u></b>	<b><u>G06T 7 /-</u></b>
2021253901	2021260046	2021252448	2021275009	2021204557 2021263223 2021276226	2021259666 2021266799 2021268278 2021268363 2021269135 2021292302 2021351611
<b><u>F24F 11 /-</u></b>	<b><u>G01B 17 /-</u></b>	<b><u>G01R 33 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G06T 9 /-</u></b>
2020449188	2021272734	2021252448	2020444647 2021274705	2020447271 2021268278 2021278901	2021296460
<b><u>F24F 8 /-</u></b>	<b><u>G01B 7 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06F 113 /-</u></b>	<b><u>G06N 10 /-</u></b>	<b><u>G06V 10 /-</u></b>
2021254891	2021272661	2021287986 2021288211 2021300366	2020275093	2021266418 2021285093	2021245268 2021259666 2021268278 2021351611
<b><u>F24S 20 /-</u></b>	<b><u>G01C 21 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>G06N 20 /-</u></b>	<b><u>G06V 20 /-</u></b>
2021248410	2021247114 2021287330	2021289061	2021274633	2021245268 2021267053 2021270752 2021274705 2021275440	2021275440 2021351611
<b><u>F25B 31 /-</u></b>	<b><u>G01C 5 /-</u></b>	<b><u>G01S 7 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G06V 30 /-</u></b>
2021268402	2021267541	2021287986 2021288211 2021300366	2021248661 2021270752	2021245268 2021268278 2021275440 2021278901 2021285093	2021245268 2021259666
<b><u>F25B 49 /-</u></b>	<b><u>G01D 5 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06N 5 /-</u></b>	<b><u>G07C 9 /-</u></b>
2020449188	2021265331	2021265331	2021274633	2021275440 2021285093	2021263857 2021266423 2021270860
<b><u>F25D 11 /-</u></b>	<b><u>G01H 9 /-</u></b>	<b><u>G01V 8 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06N 10 /-</u></b>	<b><u>G07F 11 /-</u></b>
2021253251	2021265331	2021265331	2021253859 2021265343 2021271082	2021245268 2021268278 2021275440 2021278901 2021285093	2021272650
<b><u>F25D 13 /-</u></b>	<b><u>G01J 1 /-</u></b>	<b><u>G02B 26 /-</u></b>	<b><u>G06F 30 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G07F 17 /-</u></b>
2021255118	2021304552	2021280249	2020275093 2021253251 2021268275 2021304552	2020467390 2021283687 2021301422	2021272650
<b><u>F25D 17 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G08B 13 /-</u></b>
2021253251 2021255118	2021246553	2021265331	2021253859	2021257343 2021273182 2021283687	2021281277
<b><u>F25D 25 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06F 7 /-</u></b>		<b><u>G08B 17 /-</u></b>
2021253251 2021255118	2021275676	2021270577	2021259666 2021274633		2021281277
<b><u>F25D 29 /-</u></b>	<b><u>G01N 21 /-</u></b>				
2021255118	2020447660 2021284208 2021286772				
<b><u>F26B 5 /-</u></b>	<b><u>G01N 27 /-</u></b>				
2021270436	2021255147 2021256330 2021263397 2021272661 2021306551				
<b><u>F27B 15 /-</u></b>					
2021279211					

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<b><u>G08B 3 /-</u></b>	2021301422		<b><u>H04B 1 /-</u></b>	<b><u>H04W 24 /-</u></b>
2021281277	<b><u>G16H 50 /-</u></b>	<b><u>H01M 4 /-</u></b>	2021263089	2020441580
<b><u>G08B 5 /-</u></b>	2021245268	2021275586		2021279510
2021281277	2021251024	2021306687	<b><u>H04B 3 /-</u></b>	
	2021265344			<b><u>H04W 28 /-</u></b>
<b><u>G08C 19 /-</u></b>	2021266423	<b><u>H01M 50 /-</u></b>	2021269714	2021264578
2021251771	2021266434	2021268169	<b><u>H04B 7 /-</u></b>	2021269599
	2021267053			
	2021267894	<b><u>H01M 8 /-</u></b>	2021271387	<b><u>H04W 36 /-</u></b>
<b><u>G09B 21 /-</u></b>	2021283177	2021260101	<b><u>H04L 1 /-</u></b>	2021264532
2021274900	<b><u>G16H 80 /-</u></b>	2021306687		
			2021252014	<b><u>H04W 4 /-</u></b>
<b><u>G09B 5 /-</u></b>	2021249042	<b><u>H01S 3 /-</u></b>	<b><u>H04L 12 /-</u></b>	2021248558
2021274900	2021252998	2021275676		
		2021280249	2021267697	<b><u>H04W 56 /-</u></b>
<b><u>G09C 5 /-</u></b>	<b><u>G21B 1 /-</u></b>		2021269714	
2021268688	2021251287	<b><u>H01S 5 /-</u></b>	2021271897	2020439938
<b><u>G09F 9 /-</u></b>	<b><u>G21B 3 /-</u></b>	2021275060	<b><u>H04L 41 /-</u></b>	<b><u>H04W 72 /-</u></b>
2020440208	2021251287	2021300366		
			2021279111	2020439938
<b><u>G09G 3 /-</u></b>	<b><u>H01B 3 /-</u></b>	<b><u>H02G 11 /-</u></b>	<b><u>H04L 43 /-</u></b>	2021246806
2021259592	2020444841	2021252887		2021252014
2021261321			2021279111	2021258892
	<b><u>H01B 7 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H04L 45 /-</u></b>	<b><u>H04W 76 /-</u></b>
<b><u>G11C 13 /-</u></b>	2020444841	2021326569		2021248558
2021271639			2021271897	2021300990
	<b><u>H01F 6 /-</u></b>	<b><u>H02J 15 /-</u></b>	2021279111	
<b><u>G16B 20 /-</u></b>	2021272715	2021292346	<b><u>H04L 9 /-</u></b>	<b><u>H04W 84 /-</u></b>
2021267053				2021258892
	<b><u>H01G 11 /-</u></b>	<b><u>H02J 3 /-</u></b>	2021246255	2021263857
<b><u>G16B 25 /-</u></b>	2021293776	2020456769	2021252194	
2021265878		2021292346	2021268688	<b><u>H05B 6 /-</u></b>
	<b><u>H01J 49 /-</u></b>	2021326569		2021248761
<b><u>G16B 40 /-</u></b>	2021263397		2021296460	2021277305
2021267053	2021265086	<b><u>H02J 7 /-</u></b>	<b><u>H04N 5 /-</u></b>	<b><u>H05K 1 /-</u></b>
	2021278901	2021246134		2021257418
<b><u>G16H 10 /-</u></b>	<b><u>H01L 23 /-</u></b>	2021256843	2020440208	
2021252998	2021259592	2021269714	2021247114	<b><u>H05K 3 /-</u></b>
2021266423	2021261321	<b><u>H02K 1 /-</u></b>	<b><u>H04N 7 /-</u></b>	2021257418
2021266434		2021268591		<b><u>H05K 7 /-</u></b>
2021283177	<b><u>H01L 25 /-</u></b>		2021351611	
<b><u>G16H 15 /-</u></b>	2021259592	<b><u>H02K 15 /-</u></b>	2021366657	2020452476
2021266434	2021261321	2021268591	<b><u>H04Q 9 /-</u></b>	
	<b><u>H01L 27 /-</u></b>		2020450668	
<b><u>G16H 20 /-</u></b>	2020440208	<b><u>H02K 7 /-</u></b>	2021311159	
2021265344	2021275060	2021246540	<b><u>H04R 1 /-</u></b>	
2021268331		2021252887		
2021283177	<b><u>H01L 33 /-</u></b>	2021268591	2021263089	
<b><u>G16H 30 /-</u></b>	2021259592			
2021259666	2021261321	<b><u>H02N 11 /-</u></b>	<b><u>H04R 5 /-</u></b>	
2021267894	2021275060	2021261404		
	<b><u>H01M 10 /-</u></b>		<b><u>H04S 1 /-</u></b>	
<b><u>G16H 40 /-</u></b>	2021257418	<b><u>H02P 8 /-</u></b>		
2021249042	2021268169	2021277577	<b><u>H04W 12 /-</u></b>	
2021251024	2021269714			
2021266423	2021275586	<b><u>H02S 30 /-</u></b>		
		2021269955		

Applications Accepted

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(71) A&E Advanced Closure Systems, LLC  
 (11) AU-B-2021215153  
 (21) 2021215153 (22) 11.08.2021  
 (54) BONE PLATE HAVING A CONNECTOR AND A CONNECTOR FOR A SURGICAL LOOP  
 (51) Int. Cl.  
     **A61B 17/82** ( 2006.01 )  
     **A61B 17/04** ( 2006.01 )  
     **A61B 17/80** ( 2006.01 )  
     **A61B 17/84** ( 2006.01 )  
     **A61B 17/86** ( 2006.01 )  
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 (44) 08.12.2022  
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 (74) Phillips Ormonde Fitzpatrick

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 (11) AU-B-2021203602  
 (21) 2021203602 (22) 02.06.2021  
 (54) Method for recovering valuables  
 (51) Int. Cl.  
     **C22B 9/22** ( 2006.01 )  
     **B23K 26/122** ( 2014.01 )  
     **B23K 26/40** ( 2014.01 )  
     **C22B 9/02** ( 2006.01 )  
 (31) 2020-100885 (32) 10.06.20 (33) JP  
 (43) 06.01.2022  
 (44) 08.12.2022  
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 (74) FB Rice Pty Ltd

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(71) AARBAKKE INNOVATION AS  
 (11) AU-B-2021204357  
 (21) 2021204357 (22) 25.06.2021  
 (54) METHOD FOR SEPARATING NESTED WELL TUBULARS IN GRAVITY CONTACT WITH EACH OTHER  
 (51) Int. Cl.  
     **E21B 23/00** ( 2006.01 )  
     **E21B 23/02** ( 2006.01 )  
     **E21B 29/00** ( 2006.01 )  
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 (43) 20.01.2022  
 (44) 08.12.2022  
 (72) Hansen, Henning  
 (74) AUSTRALASIA IP PTY LTD

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 (11) AU-B-2020202570  
 (21) 2020202570 (22) 16.04.2020  
 (54) Improved immunoglobulin variable domains  
 (51) Int. Cl.  
     **C07K 16/00** ( 2006.01 )  
     **C07K 16/18** ( 2006.01 )  
     **C07K 16/28** ( 2006.01 )  
 (43) 07.05.2020

(44) 08.12.2022  
 (62) 2018204226  
 (72) Buyse, Marie-Ange; Boutton, Carlo  
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 (21) 2020202855 (22) 30.04.2020  
 (54) Improved immunoglobulin variable domains  
 (51) Int. Cl.  
     **C07K 16/00** ( 2006.01 )  
     **C07K 16/18** ( 2006.01 )  
     **C07K 16/28** ( 2006.01 )  
 (43) 21.05.2020  
 (44) 08.12.2022  
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 (11) AU-B-2020211733  
 (21) 2020211733 (22) 24.01.2020  
 (54) Foamable polypropylene composition with excellent mechanical performance  
 (51) Int. Cl.  
     **C08L 23/12** ( 2006.01 )  
     **C08F 210/06** ( 2006.01 )  
 (87) WO2020/152315  
 (31) 19153730.7 (32) 25.01.19 (33) EP  
 (43) 30.07.2020  
 (44) 08.12.2022  
 (72) MILEVA, Daniela; KAHLEN, Susanne; GRESTENBERGER, Georg; JERABEK, Michael; SAGEDER, Anton; LUMMERSTORFER, Thomas; KNIES-EL, Claudia  
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 (54) Foamable polypropylene composition with excellent mechanical performance  
 (51) Int. Cl.  
     **C08L 23/12** ( 2006.01 )  
     **C08F 210/06** ( 2006.01 )  
 (87) WO2020/152312  
 (31) 19153730.7 (32) 25.01.19 (33) EP  
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 (72) MILEVA, Daniela; KAHLEN, Susanne; GRESTENBERGER, Georg; JERABEK, Michael; SAGEDER, Anton; LUMMERSTORFER, Thomas; KNIES-EL, Claudia  
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 (51) Int. Cl.  
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 (31) 1610516.5 (32) 16.06.16 (33) GB  
 (43) 21.12.2017  
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 (72) Wallerand, Regis; Chevalier, Patrick  
 (74) Allens Patent & Trade Mark Attorneys

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 (11) AU-B-2021254653  
 (21) 2021254653 (22) 22.10.2021  
 (54) Novel compounds useful as potassium channel openers  
 (51) Int. Cl.  
     **C07D 333/24** ( 2006.01 )  
     **A61K 31/381** ( 2006.01 )  
     **A61P 27/16** ( 2006.01 )  
 (43) 18.11.2021  
 (44) 08.12.2022  
 (62) 2018227005  
 (72) BÖS, Michael  
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 (21) 2019209114 (22) 09.01.2019  
 (54) 1,2,3',5'-tetrahydro-2'H-spiro(indole-3,1'-pyrrolo(3,4-c)pyrrole)-2,3'-dione compounds as therapeutic agents activating TP53  
 (51) Int. Cl.  
     **C07D 487/10** ( 2006.01 )  
     **A61K 31/407** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **A61P 37/00** ( 2006.01 )  
 (87) WO2019/141549  
 (31) 18461506.0 (32) 16.01.18 (33) EP  
 (43) 25.07.2019  
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 (72) FEDER, Marcin; MAZUR, Maria; KALINOWSKA, Iwona; JASZCZEWSKA-ADAMCZAK, Joanna; LEWANDOWSKI, Wojciech; WITKOWSKI, Jakub; JELEN, Sabina; WOS-LATOSI, Katarzyna  
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 (21) 2017379142 (22) 18.12.2017  
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 (51) Int. Cl.  
     **F23K 3/14** ( 2006.01 )  
     **F23B 40/04** ( 2006.01 )  
     **F23B 60/02** ( 2006.01 )  
     **F23G 5/00** ( 2006.01 )  
     **F23G 7/10** ( 2006.01 )  
     **F23H 13/02** ( 2006.01 )  
     **F24B 1/02** ( 2006.01 )  
     **F24B 1/195** ( 2006.01 )

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**F24B 13/04** ( 2006.01 )  
**(87)** WO2018/113881  
**(31)** PA 2016 71007 **(32)** 20.12.16 **(33)** DK  
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**(44)** 08.12.2022  
**(72)** Skovbo, Christian; Gregersen, Kim  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Adva Biotechnology Ltd.  
**(11)** AU-B-2017316545  
**(21)** 2017316545 **(22)** 21.08.2017  
**(54)** Bioreactor and methods of use thereof  
**(51)** Int. Cl.  
**B01D 61/14** ( 2006.01 )  
**C12M 3/02** ( 2006.01 )  
**C12M 3/06** ( 2006.01 )  
**(87)** WO2018/037402  
**(31)** 62/377,628 **(32)** 21.08.16 **(33)** US  
 62/489,065 24.04.17 US  
**(43)** 01.03.2018  
**(44)** 08.12.2022  
**(72)** Karnieli, Ohad  
**(74)** Griffith Hack

**(71)** Advanced Biofuel Solutions Ltd  
**(11)** AU-B-2021225098  
**(21)** 2021225098 **(22)** 19.02.2021  
**(54)** Waste processing system  
**(51)** Int. Cl.  
**C10J 3/48** ( 2006.01 )  
**C10J 3/72** ( 2006.01 )  
**C10K 3/00** ( 2006.01 )  
**(87)** WO2021/165694  
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**(72)** GRIGGS, Kevin; TAYLOR, Richard  
**(74)** Michael Buck IP

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**(11)** AU-B-2017282064  
**(21)** 2017282064 **(22)** 16.06.2017  
**(54)** Mounting arrangement  
**(51)** Int. Cl.  
**F16L 3/137** ( 2006.01 )  
**F16L 3/237** ( 2006.01 )  
**F16L 9/19** ( 2006.01 )  
**(87)** WO2017/220976  
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**(44)** 08.12.2022  
**(72)** Harrop, Martin Steven; Morley, Stewart Ian  
**(74)** Griffith Hack

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**(21)** 2017320642 **(22)** 28.08.2017  
**(54)** Textile element  
**(51)** Int. Cl.  
**D03D 15/217** ( 2021.01 )  
**D03D 1/00** ( 2006.01 )  
**D03D 9/00** ( 2006.01 )  
**D03D 15/00** ( 2006.01 )  
**(87)** WO2018/041758  
**(31)** 20 2016 104 745.5 **(32)** 30.08.16 **(33)** DE

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**(71)** Afferent Pharmaceuticals, Inc.  
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**(51)** Int. Cl.  
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**A61K 31/505** ( 2006.01 )  
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**(54)** GENETIC ANALYSIS METHOD  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**(43)** 04.03.2021  
**(44)** 08.12.2022  
**(62)** 2014345516  
**(72)** Devogelaere, Benoit; Verrelst, Herman  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Ahlstrom-Munksjö Oyj  
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**(21)** 2017256864 **(22)** 28.04.2017  
**(54)** Compostable lid intended to seal a capsule and a capsule sealed by the lid  
**(51)** Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**(87)** WO2017/187024  
**(31)** 1653909 **(32)** 29.04.16 **(33)** FR  
**(43)** 02.11.2017  
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**(72)** Miozzo, Valerio; Planchard, Hervé; Vidal, Florence; Roux, Mireille  
**(74)** Spruson & Ferguson

**(71)** AiViva BioPharma, Inc.  
**(11)** AU-B-2019321429  
**(21)** 2019321429 **(22)** 13.08.2019  
**(54)** Multi-kinase inhibitors of VEGF and TGF beta and uses thereof  
**(51)** Int. Cl.  
**A61K 31/4439** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
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**(31)** 62/764,836 **(32)** 15.08.18 **(33)** US  
**(43)** 20.02.2020  
**(44)** 08.12.2022  
**(72)** DEVRIES, Gerald Woodrow; TANG-LIU, Diane  
**(74)** RnB IP

**(71)** Aktiebolaget Electrolux  
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**(21)** 2016406104 **(22)** 09.05.2016  
**(54)** Dust container for a vacuum cleaner  
**(51)** Int. Cl.  
**A47L 9/14** ( 2006.01 )  
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**(72)** Werius, Patrik; Scheufen, Bert  
**(74)** Halfords IP

**(71)** Alastin Skincare, Inc.  
**(11)** AU-B-2017215476  
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**(54)** Compositions and methods for invasive and non-invasive procedural skincare  
**(51)** Int. Cl.  
**A61K 8/64** ( 2006.01 )  
**A61K 8/89** ( 2006.01 )  
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**A61Q 19/00** ( 2006.01 )  
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**(31)** 62/303,332 **(32)** 03.03.16 **(33)** US  
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**(43)** 10.08.2017  
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**(72)** Carruto, John A.; Widgerow, Alan David  
**(74)** FB Rice Pty Ltd

**(71)** Alliqua BioMedical, Inc.  
**(11)** AU-B-2021201720  
**(21)** 2021201720 **(22)** 18.03.2021  
**(54)** Systems and methods for producing and delivering ultrasonic therapies for wound treatment and healing  
**(51)** Int. Cl.  
**A61N 7/00** ( 2006.01 )  
**A61M 35/00** ( 2006.01 )  
**(43)** 15.04.2021  
**(44)** 08.12.2022  
**(62)** 2019219713  
**(72)** LOVEN, Ross; SAMPSON, Jeff; QIN, Li; TETZLOFF, Ryan Glen; DUCHON, Douglas  
**(74)** Spruson & Ferguson

**(71)** ALSTOM Transport Technologies  
**(11)** AU-B-2019200790  
**(21)** 2019200790 **(22)** 06.02.2019  
**(54)** Method, controller and system for determining the location of a train on a track or of a broken rail of a track  
**(51)** Int. Cl.  
**B61L 25/02** ( 2006.01 )  
**G01N 27/00** ( 2006.01 )  
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**(43)** 05.09.2019  
**(44)** 08.12.2022  
**(72)** Fries, Jeffrey  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ALSTOM Transport Technologies  
**(11)** AU-B-2019213311  
**(21)** 2019213311 **(22)** 06.08.2019  
**(54)** A train detection system for a railway track, a method for detecting a train on a railway track, and a controller for a



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train detection system for detecting a train on a railway track  
**(51)** Int. Cl.  
**B61L 23/24** ( 2006.01 )  
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**(72)** Fries, Jeffrey; Cooper, Jared; Martin, Phillip; Snyder, Seneca; Nagrodsky, Nicholas  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Amgen Inc.; Cytokinetics, Inc.  
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**(54)** Bisamide sarcomere activating compounds and uses thereof  
**(51)** Int. Cl.  
**C07D 403/12** ( 2006.01 )  
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**C07D 401/06** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
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**(74)** Spruson & Ferguson

**(71)** Amiad Water Systems Ltd.  
**(11)** AU-B-2019207591  
**(21)** 2019207591 **(22)** 08.01.2019  
**(54)** Suction adapter for filtration screens  
**(51)** Int. Cl.  
**B01D 29/11** ( 2006.01 )  
**B01D 29/15** ( 2006.01 )  
**(87)** WO2019/138406  
**(31)** 62/615,164 **(32)** 09.01.18 **(33)** US  
**(43)** 18.07.2019  
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**(72)** MATAS, Oded; ZUR, Boaz  
**(74)** IP SOLVED (ANZ) PTY. LTD.

**(71)** Angiocrine Bioscience, Inc.  
**(11)** AU-B-2017248848  
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**(54)** Enhanced gene delivery methods  
**(51)** Int. Cl.  
**A61K 35/12** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(54)** Wound dressing  
**(51)** Int. Cl.  
**A61L 15/20** ( 2006.01 )  
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**A61L 15/44** ( 2006.01 )  
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**(43)** 20.06.2019  
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**(72)** OLSSON, Charles Robert  
**(74)** Spruson & Ferguson

**(71)** Apex Data Solutions, LLC  
**(11)** AU-B-2020219814  
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**(54)** Computing system providing block-chain-facilitated semantic interoperability between multiple disparate systems of record (SORs) and related methods  
**(51)** Int. Cl.  
**G06F 16/27** ( 2019.01 )  
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16/778,521 31.01.20 US  
**(43)** 13.08.2020  
**(44)** 08.12.2022  
**(72)** CALCO, Bob; MATTON, Gregory E.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2021201419  
**(21)** 2021201419 **(22)** 04.03.2021  
**(54)** Device, method, and graphical user interface for adjusting the appearance of a control  
**(51)** Int. Cl.  
**G06F 3/0484** ( 2013.01 )  
**(43)** 25.03.2021  
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**(62)** 2017208225  
**(72)** KOCIENDA, Kenneth; JON, Tiffany S.; KARUNAMUNI, Chanaka G.  
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**(11)** AU-B-2021218062  
**(21)** 2021218062 **(22)** 18.08.2021  
**(54)** Object stack  
**(51)** Int. Cl.

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**(74)** FPA Patent Attorneys Pty Ltd

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**(11)** AU-B-2018239212  
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**(54)** Feeder  
**(51)** Int. Cl.  
**A01K 5/02** ( 2006.01 )  
**A01K 61/80** ( 2017.01 )  
**(87)** WO2018/171989  
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**(43)** 27.09.2018  
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**(72)** Pfeiff, Carl  
**(74)** Adams Pluck

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**(11)** AU-B-2022204231  
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**(54)** A Method of Growing a Shellfish  
**(51)** Int. Cl.  
**A01K 61/54** ( 2017.01 )  
**A22C 29/04** ( 2006.01 )  
**(43)** 08.12.2022  
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**(72)** Gregory, Shaun  
**(74)** AJ Pietras IP Limited

**(71)** Aquaporin A/S  
**(11)** AU-B-2018216240  
**(21)** 2018216240 **(22)** 06.02.2018  
**(54)** Diblock copolymer vesicles and separation membranes comprising aquaporin water channels and methods of making and using them  
**(51)** Int. Cl.  
**B01D 69/12** ( 2006.01 )  
**B01D 61/02** ( 2006.01 )  
**B01D 69/14** ( 2006.01 )  
**B01D 71/56** ( 2006.01 )  
**B01D 71/60** ( 2006.01 )  
**B01D 71/70** ( 2006.01 )  
**B01D 71/80** ( 2006.01 )  
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**(31)** 1701945.6 **(32)** 06.02.17 **(33)** GB  
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**(72)** Spulber, Mariana; Gerstandt, Karen  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2021201743  
**(21)** 2021201743 **(22)** 19.03.2021  
**(54)** Methods of optimizing energy usage from energy suppliers  
**(51)** Int. Cl.

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**(72)** Kiran Bhatraju; Shannon Bauman;  
 Owen Quinlan; Nancy Hersh  
**(74)** Spruson & Ferguson

**(71)** ArcherDX, LLC  
**(11)** AU-B-2017355460  
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**(54)** Methods of nucleic acid sample preparation for immune repertoire sequencing  
**(51)** Int. Cl.

**C12P 19/34** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**C12Q 1/6806** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
**(87)** WO2018/085599  
**(31)** 62/416,677 **(32)** 02.11.16 **(33)** US  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Arena Pharmaceuticals, Inc.  
**(11)** AU-B-2021200129  
**(21)** 2021200129 **(22)** 11.01.2021  
**(54)** Methods of treating conditions related to the S1P1 receptor  
**(51)** Int. Cl.

**A61K 31/473** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
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**(62)** 2016205361  
**(72)** Kam, Maria Matilde Sanchez; Glicklich, Alan; Shanahan, William R.  
**(74)** FB Rice Pty Ltd

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**(11)** AU-B-2021204412  
**(21)** 2021204412 **(22)** 28.06.2021  
**(54)** METHODS AND COMPOSITIONS FOR USE IN GLUE-WOOD PRODUCTS  
**(51)** Int. Cl.

**A01N 51/00** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**B27D 1/04** ( 2006.01 )  
**B27D 3/00** ( 2006.01 )  
**C09J 161/06** ( 2006.01 )  
**(31)** 20182508.0 **(32)** 26.06.20 **(33)** EP  
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**(72)** Day, Kristina Maree; Molloy, Christopher; Siraa, André Frederik  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Ascend Performance Materials Operations LLC  
**(11)** AU-B-2019404016  
**(21)** 2019404016 **(22)** 18.12.2019  
**(54)** Antimicrobial nonwoven polyamides with zinc content  
**(51)** Int. Cl.  
**D04H 1/4334** ( 2012.01 )  
**A01N 25/34** ( 2006.01 )  
**C08K 5/00** ( 2006.01 )  
**D04H 1/56** ( 2006.01 )  
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**(72)** OSBORN, Scott E.; YUNG, Wai-Shing; ORTEGA, Albert  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Asuragen, Inc.  
**(11)** AU-B-2016349391  
**(21)** 2016349391 **(22)** 03.11.2016  
**(54)** Methods for nucleic acid size detection of repeat sequences  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
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**(31)** 62/250,476 **(32)** 03.11.15 **(33)** US  
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**(54)** Nucleotide hemi-sulfate salt for the treatment of hepatitis C virus  
**(51)** Int. Cl.  
**C07F 9/6521** ( 2006.01 )  
**C07F 9/6558** ( 2006.01 )  
**(87)** WO2018/144640  
**(31)** 62/453,437 **(32)** 01.02.17 **(33)** US  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Atriva Therapeutics GmbH  
**(11)** AU-B-2020256326  
**(21)** 2020256326 **(22)** 13.10.2020  
**(54)** Novel Anti-Infective Strategy Against Influenza Virus And S.aureus Coinfections  
**(51)** Int. Cl.

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**A61K 31/216** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**C12Q 1/18** ( 2006.01 )  
**(43)** 12.11.2020

**(44)** 08.12.2022  
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**(72)** EHRHARDT, Christina; LUDWIG, Stephan  
**(74)** WRAYS PTY LTD

**(71)** AudioMob Ltd  
**(11)** AU-B-2021333741  
**(21)** 2021333741 **(22)** 22.06.2021  
**(54)** Sending audio content to digital works  
**(51)** Int. Cl.  
**H04N 21/434** ( 2011.01 )  
**A63F 13/54** ( 2014.01 )  
**A63F 13/61** ( 2014.01 )  
**H04N 21/439** ( 2011.01 )  
**H04N 21/478** ( 2011.01 )  
**H04N 21/81** ( 2011.01 )

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**(72)** OBENG-BOAKYE, Wilfrid; FACEY, Christian  
**(74)** BOSH IP Pty Ltd

**(71)** Auransa, Inc.; SCT II LLC  
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**(54)** Pharmaceutical compositions and methods for countering chemotherapy induced cardiotoxicity  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/4704** ( 2006.01 )  
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 62/348,102 09.06.16 US  
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**(74)** WRAYS PTY LTD

**(71)** Auris Health, Inc.  
**(11)** AU-B-2018289116  
**(21)** 2018289116 **(22)** 06.06.2018  
**(54)** Robotic systems for determining a pose of a medical device in luminal networks  
**(51)** Int. Cl.

**A61B 34/20** ( 2016.01 )  
**A61B 5/06** ( 2006.01 )  
**A61B 6/12** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )  
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**B25J 9/16** ( 2006.01 )  
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**A01K 11/00** ( 2006.01 )  
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**B62D 25/06** ( 2006.01 )  
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 (51) Int. Cl.  
**A01N 25/00** ( 2006.01 )  
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**A01P 15/00** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
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 (72) Dent, David; Clarke, Ian  
 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.  
**H04L 25/08** ( 2006.01 )  
**H04L 27/26** ( 2006.01 )  
**H04W 72/06** ( 2009.01 )  
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**H04W 52/28** ( 2009.01 )  
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**E21B 34/14** ( 2006.01 )  
**E21B 33/12** ( 2006.01 )  
**E21B 34/06** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2020244500

(71) BASF Coatings GmbH  
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 (21) 2020215098 (22) 30.01.2020  
 (54) Method and device for detecting and adjusting decorative colour formulations in alignment with the visual perception of texture characteristics  
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**G01J 3/46** ( 2006.01 )  
**G01J 3/50** ( 2006.01 )  
**G01N 21/25** ( 2006.01 )  
**G01N 21/47** ( 2006.01 )  
**G06F 16/583** ( 2019.01 )  
**G06T 7/00** ( 2017.01 )  
**G06T 7/40** ( 2017.01 )  
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 (72) BISCHOFF, Guido  
 (74) Griffith Hack

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**C07D 405/14** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61P 33/10** ( 2006.01 )  
**C07D 215/54** ( 2006.01 )

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**C07D 405/12** ( 2006.01 )  
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 H01H 31/04 ( 2006.01 )  
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**G06F 11/00** ( 2006.01 )  
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**E04B 1/02** ( 2006.01 )  
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**E04F 13/07** ( 2006.01 )  
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**(54)** Method for manufacturing rail, and rail  
**(51)** Int. Cl.  
**B23K 11/04** ( 2006.01 )  
**B23K 31/00** ( 2006.01 )  
**C22C 38/00** ( 2006.01 )  
**C22C 38/18** ( 2006.01 )  
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 Shanghai Hengrui Pharmaceutical Co.,  
 Ltd.  
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**C07K 16/40** ( 2006.01 )

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**A61P 3/06** ( 2006.01 )  
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 Zhang, Lianshan; Sun, Piaoyang  
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 tracking and allocating capacity in a  
 broadly-dispersed wireless network  
**(51)** Int. Cl.  
**H04W 16/04** ( 2009.01 )  
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 Todd E.; Henkle, Patrick William  
**(74)** Dentons Patent Attorneys Australasia  
 Limited

**(71)** Joint Stock Company "BIOCAD"  
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**C07D 401/14** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
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 KOVA, Aleksandra Vladimirovna;  
 SHEKHAUTSOU, Artsiom Evgenievich;  
 ALAFINOV, Andrei Ivanovich; ALE-  
 SHUNIN, Pavel Aleksandrovich; EV-  
 DOKIMOV, Anton Aleksandrovich; ZA-  
 VIALOV, Kirill Vadimovich; KASATK-  
 INA, Mariia Andreevna; KOZHEMYAK-  
 INA, Natalia Vladimirovna; KUSH-  
 AKOVA, Anna Sergeevna; MAKSI-  
 MENKO, Elena Aleksandrovna; MISH-  
 INA, Mariia Sergeevna; REKHARSKY,  
 Mikhail Vladimirovich; CHESTNOVA,  
 Anna Jur'evna; IAKOVLEV, Pavel  
 Andreevich; MOROZOV, Dmitry  
 Valentinovich  
**(74)** FPA Patent Attorneys Pty Ltd

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 (54) Dipper door and dipper door trip assembly  
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*E02F 3/40* ( 2006.01 )  
*B66C 23/00* ( 2006.01 )  
*E02F 3/28* ( 2006.01 )  
*E02F 3/30* ( 2006.01 )  
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 F16C 11/12 ( 2006.01 )  
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 H01Q 1/22 ( 2006.01 )  
 H01Q 3/40 ( 2006.01 )  
 H01Q 9/27 ( 2006.01 )  
 H01Q 21/00 ( 2006.01 )  
 H01Q 21/06 ( 2006.01 )  
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 (54) Temperature probe hubs  
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 (21) 2021266339 (22) 13.08.2021  
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 (51) Int. Cl.  
*C25B 1/04* ( 2021.01 )  
*H01L 31/04* ( 2014.01 )  
*H02S 20/10* ( 2014.01 )  
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 (51) Int. Cl.  
     **A61K 31/05** ( 2006.01 )  
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 (21) 2021257974      (22) 27.10.2021  
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     **A47K 13/26** ( 2006.01 )  
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     **A47K 17/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
     **H04W 72/12** ( 2009.01 )  
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 (21) 2020214091      (22) 03.02.2020  
 (54) Transmission block transmission method and apparatus, communication device and storage medium  
 (51) Int. Cl.  
     **H04W 72/12** ( 2009.01 )  
 (87) WO2020/156580  
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<b>2016204766</b>	Gooden, M.	<b>2017304229</b>	CHAN, E.
<b>2016286898</b>	Daiichi Sankyo Company, Limited	<b>2017304286</b>	Luigi Lavazza S.p.A.
<b>2016304764</b>	ImaginAb, Inc.	<b>2017306657</b>	MeiraGTx UK II Limited
<b>2016312909</b>	F. Hoffmann-La Roche AG; Genentech, Inc.	<b>2017307366</b>	Luigi Lavazza S.p.A.
<b>2016335572</b>	The Children's Hospital of Philadelphia	<b>2017309968</b>	United Kingdom Research and Innovation
<b>2016341304</b>	Novartis AG	<b>2017313616</b>	Institute for Basic Science; ToolGen Incorporated; Seoul National University R&DB Foundation; Seoul National University Hospital
<b>2016349391</b>	Asuragen, Inc.	<b>2017314181</b>	ETH Zurich
<b>2016353133</b>	Resolution Bioscience, Inc.	<b>2017316545</b>	Adva Biotechnology Ltd.
<b>2016355547</b>	The Texas A&M University System	<b>2017317568</b>	F. Hoffmann-La Roche AG
<b>2016355975</b>	Universität Basel	<b>2017320349</b>	Pointerra Technologies Pty Ltd
<b>2016362875</b>	SeraCare Life Sciences, Inc.	<b>2017320642</b>	Advitex GmbH
<b>2016369524</b>	Eisai R&D Management Co., Ltd.	<b>2017321113</b>	Caterpillar Inc.
<b>2016370726</b>	Danisco US Inc.	<b>2017321818</b>	Oji Holdings Corporation
<b>2016372575</b>	Photocure ASA	<b>2017323398</b>	Société des Produits Nestlé S.A.
<b>2016379399</b>	Board of Regents, the University of Texas System; Oregon State University	<b>2017323451</b>	Caterpillar Inc.
<b>2016382932</b>	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	<b>2017323562</b>	CNH Industrial America LLC
<b>2016396055</b>	Halliburton Energy Services, Inc.	<b>2017326179</b>	President and Fellows of Harvard College
<b>2016400405</b>	Sarudbhava Formulations Private Limited	<b>2017328283</b>	Equinor Energy AS
<b>2016406104</b>	Aktiebolaget Electrolux	<b>2017330251</b>	Caterpillar Inc.
<b>2016416782</b>	Bejo Zaden B.V.	<b>2017332031</b>	HeartFlow, Inc.
<b>2016417377</b>	Nomen Calvet, J.; Hanganu, D.; WGA Water Global Access, S.L.	<b>2017336310</b>	Smith & Nephew plc
<b>2016429744</b>	GEA Process Engineering A/S	<b>2017337317</b>	Magic Leap, Inc.
<b>2017200574</b>	Hunter Douglas Inc.	<b>2017342522</b>	Hollister Incorporated
<b>2017202448</b>	Rouzbahani, K.	<b>2017344355</b>	Hilti Aktiengesellschaft
<b>2017208218</b>	Westinghouse Air Brake Technologies Corporation	<b>2017345017</b>	Electrolux Appliances Aktiebolag
<b>2017211270</b>	Société des Produits Nestlé S.A.	<b>2017347219</b>	Samsung Electronics Co., Ltd.
<b>2017214668</b>	Auransa, Inc.; SCT II LLC	<b>2017347854</b>	Intima Bioscience, Inc.; Regents of the University of Minnesota; The United States of America, as represented by the Secretary Department of Health and Human Services
<b>2017215476</b>	Alastin Skincare, Inc.	<b>2017348422</b>	Valeda Company (d/b/a "Q'Straint")
<b>2017218170</b>	Cooley, R.; Mackey, D.	<b>2017349190</b>	Yara Marine Technologies AS
<b>2017220774</b>	Istituti Clinici Scientifici Maugeri SpA SB	<b>2017351986</b>	Oxford University Innovation Limited
<b>2017223261</b>	Gruppo Gimoka S.r.l.	<b>2017354038</b>	Igloo Products Corp.
<b>2017224136</b>	TGS-NOPEC Geophysical Company	<b>2017354933</b>	Smarta Industrial Pty Ltd
<b>2017231095</b>	DMP Enterprises Pty Ltd	<b>2017355460</b>	ArcherDX, LLC
<b>2017233850</b>	Otis Elevator Company	<b>2017358578</b>	Philogen S.p.A
<b>2017235665</b>	UWM Research Foundation, Inc.; Centre for Addiction and Mental Health; University of Belgrade - Faculty of Pharmacy	<b>2017360823</b>	RAI Strategic Holdings, Inc.
<b>2017237187</b>	Biological Dynamics, Inc.	<b>2017362071</b>	Hostettler, J.; Hostettler, J.
<b>2017238512</b>	Dana-Farber Cancer Institute, Inc.; Oregon Health & Science University	<b>2017362968</b>	Tatvum LLC
<b>2017246999</b>	CoLabs Int'l., Corp.	<b>2017363204</b>	Twist Bioscience Corporation
<b>2017247530</b>	Cppe Carbon Process & Plant Engineering S.a.	<b>2017363484</b>	Kimberly-Clark Worldwide, Inc.
<b>2017247954</b>	Cppe Carbon Process & Plant Engineering S.a.	<b>2017363548</b>	RJ Lee Group, Inc.
<b>2017248040</b>	Indena S.p.A.	<b>2017366896</b>	Magic Leap, Inc.
<b>2017248848</b>	Angiocrine Bioscience, Inc.	<b>2017368562</b>	Toray Industries, Inc.
<b>2017256735</b>	Logopak Systeme GmbH & Co. KG	<b>2017369517</b>	Hammar Maskin IP AB
<b>2017256864</b>	Ahlstrom-Munksjö Oyj	<b>2017370466</b>	Ethicon, Inc.
<b>2017258896</b>	SAP SE	<b>2017371109</b>	SICPA HOLDING SA
<b>2017264836</b>	Holagro Kft.	<b>2017372070</b>	Kowa Company, Ltd.
<b>2017268644</b>	Rakman International Pty Ltd	<b>2017377068</b>	CarryGenes Bioengineering
<b>2017268865</b>	Haldor Topsøe A/S	<b>2017378203</b>	Orion Corporation
<b>2017269411</b>	Joy Global Underground Mining LLC	<b>2017379010</b>	Dispensa Holdings LLC
<b>2017276351</b>	Soletanche Freyssinet	<b>2017379142</b>	Aduro A/S
<b>2017278154</b>	Pacadar, SA	<b>2017379410</b>	Four Flags Pty Ltd
<b>2017278955</b>	Kimberly-Clark Worldwide, Inc.	<b>2017382624</b>	Ulab Systems, Inc.
<b>2017280498</b>	Liebherr-Components Kirchdorf GmbH	<b>2017383430</b>	Automobili Lamborghini S.p.A.
<b>2017282064</b>	Advanced Innergy Ltd	<b>2017384442</b>	SSP Co., Ltd. Japan
<b>2017283742</b>	Acergy France SAS	<b>2017386122</b>	Ethicon LLC
<b>2017290387</b>	Pax Water Technologies Inc.	<b>2017388356</b>	JUUL Labs, Inc.
<b>2017297280</b>	E6PR S.A.P.I. DE C.V.	<b>2017418057</b>	Schaeffler Technologies AG & Co. KG
<b>2017297358</b>	Hirsch, J.; Bonner, C.	<b>2017419032</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2017301047</b>	Blix Ltd.	<b>2017433746</b>	Raytheon Canada Ltd.
<b>2017301456</b>	Caterpillar Inc.	<b>2018200096</b>	GE Oil & Gas, LLC
<b>2017302593</b>	Trudeau, L.	<b>2018201281</b>	Noritz Corporation
<b>2017303834</b>	Crown Packaging Technology, Inc.	<b>2018201655</b>	CORN PRODUCTS DEVELOPMENT, INC.

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2018202161	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2018350846	BioNTech SE
2018204048	The Boeing Company	2018353342	Solenis Technologies Cayman, L.P.
2018205755	Universite de Franche Comte; TissueAegis	2018354342	CNH Industrial America LLC
2018207069	Buena Vista Investments, Ltd.	2018368724	Qualcomm Incorporated
2018207075	Weatherford Technology Holdings, LLC	2018373464	Sumitomo Pharma Co., Ltd.
2018209477	Rafael Advanced Defense Systems Ltd.	2018379824	Chevron U.S.A. Inc.
2018212454	Continuous Composites Inc.	2018381338	Commonwealth Scientific and Industrial Research Organisation
2018212953	Canadian Light Source Inc.	2018384069	Animal Ethics Pty Ltd
2018215203	Atea Pharmaceuticals, Inc.	2018384223	Sharp Kabushiki Kaisha
2018216240	Aquaporin A/S	2018388676	Raytheon Company
2018217877	Creo Medical Limited	2018389173	Raxit Seals ApS
2018218189	The Decor Corporation Pty Ltd	2018392794	PayPal, Inc
2018221458	GenomSys SA	2018401520	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018222346	CHT Germany GmbH	2018408878	Dubai Electricity & Water Authority
2018224032	C2CNT LLC	2018433363	Guangzhou RiboBio Co., Ltd.
2018224194	John Mezzalingua Associates, LLC	2018444444	LM Tech S.R.L.
2018224292	The Administrators of the Tulane Educational Fund	2018446174	Pujing Chemical Industry Co., Ltd
2018226820	Endo Ventures Limited	2018446335	Pujing Chemical Industry Co., Ltd
2018228451	V-Wave Ltd.	2018446538	BY-HEALTH Co., Ltd.
2018228511	GLxT Holdings, LLC	2018448263	Peng, X.
2018230038	Raytheon Company	2019200790	ALSTOM Transport Technologies
2018235079	Orthotaxy	2019207591	Amiad Water Systems Ltd.
2018237366	Quadrant Biosciences Inc.; The Research Foundation for The State University of New York; Penn State Research Foundation	2019209114	Adamed Pharma S.A.
2018239212	Aquaculture Feeding Systems, LTD	2019209164	Solenis Technologies, L.P.
2018240832	hyPHY USA, Inc.	2019213311	ALSTOM Transport Technologies
2018241289	Féinics Amatech Teoranta	2019214531	Reaxing S.r.l.
2018247704	DSM IP Assets B.V.	2019217635	Qualcomm Incorporated
2018250144	BAE Systems Information and Electronic Systems Integration Inc.	2019218638	Sports & Well Being Analytics Limited
2018251878	Weatherford Technology Holdings, LLC	2019219123	Enyo Pharma
2018255043	Toppan Printing Co., Ltd.	2019221496	GlaxoSmithKline Biologicals SA
2018255430	Mesa Biotech, Inc.	2019227521	Qualcomm Incorporated
2018260500	Canva Pty Ltd.	2019229371	redpath, r.; Redpath, J.
2018266357	Ocera Therapeutics, Inc.	2019240755	Fliteboard Pty Ltd
2018274468	Linde Aktiengesellschaft	2019245602	Tönnjes ISI Patent Holding GmbH
2018276069	Engineer & Artist Pty Ltd	2019246952	Qualcomm Incorporated
2018280186	Integra Biosciences AG	2019247064	Novoluto GmbH
2018280347	Australian Wool Innovation Limited	2019252944	Kite Pharma, Inc.
2018289116	Auris Health, Inc.	2019255717	Tempest Therapeutics, Inc.
2018289218	Saab AB	2019262483	LG Electronics Inc.
2018290360	Huawei Technologies Co., Ltd.	2019264860	The Product Makers (Australia) Pty Ltd
2018294439	CloudBlue LLC	2019266511	Bayer Animal Health GmbH
2018302739	BAE Systems Information and Electronic Systems Integration Inc.	2019274473	Raytheon Company
2018307928	Vitae Pharmaceuticals, LLC	2019275479	Biosceptre (Aust) Pty Ltd
2018309085	Galectin Sciences, LLC	2019282318	VAULT PRESSURE CONTROL LLC
2018309166	Synthorx, Inc.	2019285393	Kheiron Medical Technologies Ltd
2018312836	Joint Stock Company "BIOCAD"	2019292271	LG Electronics Inc.
2018312941	Kultevat, Inc.	2019297198	Zelira Therapeutics Operations Pty Ltd
2018313118	Georgia Tech Research Corporation	2019297562	Quantafuel AS
2018313669	Caterpillar Inc.	2019297982	LG Electronics Inc.
2018313910	Prelude Therapeutics, Incorporated	2019298091	Unique Product & Design Co., Ltd.
2018314269	University of Kentucky Research Foundation	2019300188	Festool GmbH
2018320552	Clown Fish Shanghai Industrial Co., Ltd.	2019312668	SharkNinja Operating LLC
2018322456	Qualcomm Incorporated	2019314452	Kite Pharma, Inc
2018324421	Southwall Technologies Inc.	2019315355	Waymo LLC
2018326573	KBC Groep NV	2019319767	Haventec Pty Ltd
2018332887	Amgen Inc.; Cytokinetics, Inc.	2019321429	AiViva BioPharma, Inc.
2018333272	Cynata Therapeutics Limited	2019324585	NOVOCURE GmbH
2018333845	Jenner Innovation Pty Ltd	2019326291	ExxonMobil Upstream Research Company
2018333848	Jetstone Building Systems Pty Ltd	2019327038	Komatsu Ltd.
2018334842	Samsung Electronics Co., Ltd.	2019327288	LG Electronics Inc.
2018336815	E-SENS, Inc.	2019328516	Nicoventures Trading Limited
2018343339	Prisma Photonics Ltd.	2019332110	VR Coaster GmbH & Co. KG
2018343981	FrieslandCampina Nederland B.V.	2019332700	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018344825	IMI Hydronic Engineering International SA	2019333116	Feel The World, Inc. D/B/A Xero Shoes
2018345211	Nippon Paper Industries Co., Ltd.	2019335977	LG Electronics Inc.
2018347870	Massachusetts Institute of Technology	2019337282	Intropack Co., Ltd.
2018350139	Waldemar Link GmbH & Co. KG	2019342918	LoiLo Inc
		2019345538	China Enfi Engineering Corporation
		2019353424	Shionogi & Co., Ltd.

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2019353969	L'Oreal	2020244561	Eagle View Technologies, Inc.
2019353970	L'Oreal	2020244584	Commonwealth Scientific and Industrial Research Organisation; The Boeing Company
2019355035	Purdue Research Foundation	2020244932	Kabushiki Kaisha Toshiba; Toshiba Materials Co., Ltd.
2019356644	Huawei Technologies Co., Ltd.	2020249745	Nitto Kohki Co., Ltd.
2019356964	Welltec A/S	2020250303	View, Inc.
2019369207	NEC Platforms, Ltd.	2020252184	Eli Lilly and Company
2019370131	W. L. Gore & Associates, Inc.	2020252758	Siemens Mobility GmbH
2019372330	ESCO Group LLC	2020253232	Colgate-Palmolive Company
2019373296	Inventio AG	2020254549	Daikin Industries, Ltd.
2019373598	Tineco Intelligent Technology Co., Ltd.	2020256326	Atriva Therapeutics GmbH
2019374291	Vivo Mobile Communication Co., Ltd.	2020256427	RMH Tech LLC
2019374770	YETI Coolers, LLC	2020257129	RB Health (US) LLC
2019376799	Gebroüder Dorfner GmbH & Co. Kaolin- und Kristallquarzsand-Werke KG	2020259633	Siemens Aktiengesellschaft
2019376834	F. Hoffmann-La Roche AG	2020260382	Metalform (Dannevirke) Limited
2019387842	Fujitsu General Limited	2020261676	GreenField Co., Inc.
2019394476	Beijing Chunlizhengda Medical Instruments Co., Ltd	2020262297	Nam, G.W.
2019397164	Zimmer Biomet CMF and Thoracic, LLC	2020264679	Ustav Organické Chemie A Biochemie AV CR, V. V. I.; Univerzita Karlova
2019400110	Shanghai University of Medicine&Health Sciences	2020265522	Baker Hughes Oilfield Operations LLC
2019402151	Novartis AG	2020267215	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2019402854	Colgate-Palmolive Company	2020267241	HANKOOK TIRE & TECHNOLOGY CO., LTD
2019404016	Ascend Performance Materials Operations LLC	2020267276	OPKO Ireland Global Holdings Ltd.
2019409329	Medacta International SA	2020267286	Evogene Ltd.
2019416609	CJ Cheiljedang Corporation	2020267295	Malta Inc.
2019416623	Holosmedic	2020270463	S. C. Johnson & Son, Inc.
2019418419	Motorola Solutions, Inc.	2020272127	Ecolab USA Inc.
2019419580	FJ Dynamics Technology Co., Ltd	2020272410	Siemens Energy Global GmbH & Co. KG
2019422391	Huawei Technologies Co., Ltd.	2020272737	PayPal, Inc.
2019423109	Wuhan Vast Conduct Science Foundation Co., Ltd.	2020273317	Stryker Corporation
2019430859	South China University of Technology	2020273368	View, Inc.
2019431661	Mitsubishi Electric Corporation	2020277093	Ecochem Australia Pty Ltd
2019432579	Mitsubishi Electric Corporation	2020281107	Gen-Probe Incorporated
2019436796	Mitsubishi Electric Corporation	2020286292	Citrix Systems, Inc.
2019438545	Mitsubishi Electric Corporation	2020286340	Leica Biosystems Melbourne Pty Ltd
2019438806	Micro Motion, Inc.	2020287947	Oji Holdings Corporation
2019447727	Hager-Electro SAS	2020289757	Ningbo Zhongxin Electronic Technology Co., Ltd.
2019452405	Elekta, Inc.	2020290407	Security Services Northwest, Inc.
2019453400	Weber-Stephen Products LLC	2020292763	F. Hoffmann-La Roche AG
2019454314	Weber-Stephen Products LLC	2020294239	View, Inc.
2020202147	Zoetis Services LLC	2020294356	Bionime Corporation; Bionime USA Corporation
2020202570	Ablynx NV	2020297006	Sato Holdings Kabushiki Kaisha
2020202755	Shire Human Genetic Therapies	2020301123	Tencent America LLC
2020202855	Ablynx NV	2020308316	Qualcomm Incorporated
2020206398	ZTE Corporation	2020311289	Tencent America LLC
2020206566	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2020331883	Volin, D.
2020206707	Shukla Medical	2020334822	Huawei Technologies Co., Ltd.
2020211733	Abu Dhabi Polymers Co. Ltd (Borouge) L.L.C.; Borealis AG	2020372600	Dongguan Poweramp Technology Limited
2020212400	Abu Dhabi Polymers Co. Ltd (Borouge) L.L.C.; Borealis AG	2020376100	BOE Technology Group Co., Ltd.
2020214091	ZTE Corporation	2020378661	Spinedust
2020214916	Luoyang Landglass Technology Co., Ltd	2020403713	Ideal Sanitary Ware Co., Ltd.
2020215098	BASF Coatings GmbH	2020404453	Hudson Institute of Medical Research
2020215187	Zhang, H.	2020410913	Enseal Pty Ltd
2020219714	Boston Scientific Neuromodulation Corporation	2020412459	Singular Genomics Systems, Inc.
2020219814	Apex Data Solutions, LLC	2020439553	Tohoku Seed Co., Ltd.
2020220185	Vertex Pharmaceuticals Incorporated	2021200020	STRECK, INC.
2020223775	Joy Global Surface Mining Inc	2021200090	Corflow Therapeutics AG
2020224457	JFE Steel Corporation	2021200129	Arena Pharmaceuticals, Inc.
2020224663	Stratos Genomics, Inc.	2021200169	Block, Inc.
2020226356	Boston Scientific Neuromodulation Corporation	2021200529	Canon Kabushiki Kaisha
2020227005	Becton, Dickinson and Company	2021200543	Canon Kabushiki Kaisha
2020232777	Google LLC	2021200651	Rail-Veyor Technologies Global Inc.
2020234957	Tencent America LLC	2021200745	Novalith Technologies Pty Ltd
2020237451	Rocher Manganese, Inc.	2021200915	Agilent Technologies Belgium NV
2020239676	Handylab, Inc.	2021201057	Tritium Holdings Pty Ltd
2020239744	Seagen Inc.	2021201061	TTI (Macao Commercial Offshore) Limited
2020240106	ServiceNow, Inc.	2021201305	FISHER & PAYKEL HEALTHCARE LIMITED
2020244388	Skyscanner Limited	2021201419	Apple Inc.
2020244415	Hothouse Medical Limited	2021201535	Hubbell Incorporated
2020244500	Niagara Bottling, LLC; Bandla, S.; Hanan, J.C.	2021201713	Crystal Lagoons (Curacao) B.V.
		2021201720	Alliqua BioMedical, Inc.

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2021201743	Arcadia Power Inc.	2021338581	Wallis, R.
2021201765	Hangzhou DAC Biotech Co., Ltd	2021340764	Beijing Sanyuan Foods Co., Ltd.
2021201826	Sleep Number Corporation	2021377723	Ecochem Australia Pty Ltd
2021201846	Petroleum Nasional Berhad (Petronas)	2022200001	Waymo LLC
2021202034	Werner Co.	2022200224	Google LLC
2021202349	Caliway Biopharmaceuticals Co., Ltd.	2022200628	K. Hartwall Oy Ab
2021202403	ImmunoGen, Inc.	2022204231	Aqua Mould Systems NZ Limited
2021202759	Nuritas Limited	2022204619	CNH Industrial America LLC
2021202923	Outotec (Finland) Oy	2022204897	Fusetec 3D Pty Ltd
2021202967	Emory University	2022206468	Coolcharge Pty Ltd
2021203003	Hunter Douglas Industries B.V.	2022206717	Samsung Electronics Co., Ltd.
2021203138	Immatics Biotechnologies GmbH		
2021203395	The Boeing Company		
2021203402	Dolby International AB		
2021203524	Becton, Dickinson and Company		
2021203602	A&H Japan Corporation		
2021203618	Vetco Gray Inc.		
2021203769	Qingdao University of Technology		
2021203859	Fung, J.		
2021204357	AARBAKKE INNOVATION AS		
2021204412	Arxada AG		
2021204728	Institut for Energiteknikk		
2021204999	Shenzhen Carku Technology Co., Limited		
2021205033	Fujitsu General Limited		
2021206776	Daikin Industries, Ltd.		
2021212009	ServiceNow, Inc.		
2021212111	SAMSUNG ELECTRONICS CO., LTD.		
2021212126	Qualcomm Incorporated		
2021215097	Sungbo Industrial Co., Ltd.		
2021215145	Beijing Geekplus Technology Co. Ltd.		
2021215153	A&E Advanced Closure Systems, LLC		
2021218027	Starbucks Corporation		
2021218037	Sungrow Power Supply Co., Ltd.		
2021218062	Apple Inc.		
2021218118	Fisher & Paykel Healthcare Limited		
2021218156	Snap-on Incorporated		
2021218176	CROWN EQUIPMENT CORPORATION		
2021218204	Niacet Corporation		
2021221403	British American Tobacco (Investments) Limited		
2021221904	Boe Technology Group Co., Ltd.; Beijing Boe Technology Development Co., Ltd.		
2021225098	Advanced Biofuel Solutions Ltd		
2021225167	Intelligent Cleaning Equipment Holdings Co. Ltd.; Chen, N.P.S.		
2021229228	Azotic Technologies Ltd		
2021229238	Climate LLC		
2021232678	The Board of Trustees of the Leland Stanford Junior University		
2021232744	Nantong University		
2021232797	Deco Australia Pty Ltd		
2021232848	Sun Rise E & T Corporation		
2021236534	Schneider Electric USA, Inc.		
2021236569	Qingdao University of Technology; Shanxi Jinzhao Aviation Technology Co., Ltd.		
2021236580	Channel Medsystems, Inc.		
2021240146	FISHER & PAYKEL HEALTHCARE LIMITED		
2021245187	Berkeley Lights, Inc.		
2021245243	Oren Technologies, LLC		
2021250851	Afferent Pharmaceuticals, Inc.		
2021254590	LG ELECTRONICS INC.		
2021254653	ACOUSIA THERAPEUTICS GMBH		
2021257903	LivePerson, Inc.		
2021257974	Zhejiang Hengyuan Sanitary Ware Co.,Ltd		
2021257993	BlueScope Steel Limited		
2021261261	Poviva Corp.		
2021261958	MENOVA INTERNATIONAL, INC.		
2021266339	Woodside Energy Technologies Pty Ltd		
2021300880	Retract Canopy Systems Pty Ltd		
2021307473	Underwood Companies Holdings Pty Ltd		
2021318396	Raytheon BBN Technologies, Corp.		
2021332085	COVIRIX Medical Pty Ltd		
2021333741	AudioMob Ltd		

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<b><u>A01C 1 /-</u></b>	2019404016 2020257129 2021204412 2021229228	<b><u>A23L 25 /-</u></b>	<b><u>A45D 2 /-</u></b>	<b><u>A47K 17 /-</u></b>	<b><u>A61B 90 /-</u></b>
2017264836		2018201655	2019353970	2021257974	2018235079
<b><u>A01D 34 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A45D 20 /-</u></b>	<b><u>A47K 7 /-</u></b>	<b><u>A61C 5 /-</u></b>
2021201061	2020257129 2021218204	2018201655 2018343981	2021204999	2017278955	2017362071 2021203859
<b><u>A01D 41 /-</u></b>	<b><u>A01N 41 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A45D 44 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>A61C 7 /-</u></b>
2017323562 2022204619	2020220185	2017211270 2018343981 2018381338 2018446538 2019416609	2019353970	2017302593	2017304229 2017382624
<b><u>A01D 57 /-</u></b>	<b><u>A01N 51 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A45D 7 /-</u></b>	<b><u>A47L 5 /-</u></b>	<b><u>A61F 13 /-</u></b>
2018354342	2021204412	2018201655	2019353970	2021254590	2017246999
<b><u>A01D 75 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A45F 3 /-</u></b>	<b><u>A47L 7 /-</u></b>	<b><u>A61F 2 /-</u></b>
2017323562	2020257129	2017360823 2017388356 2019328516 2021221403	2017354038	2017347219 2019300188	2017362968 2017372070 2018202161 2018228451 2018350139 2019394476 2020206707 2021200090 2021261958
<b><u>A01G 13 /-</u></b>	<b><u>A01P 15 /-</u></b>	<b><u>A41D 13 /-</u></b>	<b><u>A46B 11 /-</u></b>	<b><u>A47L 9 /-</u></b>	
2017264836	2021229228	2020273317	2017302593	2016406104 2017347219 2019300188 2019335977 2019373598 2021254590	
<b><u>A01G 7 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A42B 3 /-</u></b>	<b><u>A47B 43 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61G 3 /-</u></b>
2019229371	2021204412 2021218204	2020273317	2017268644	2017370466 2017386122 2018228451 2019397164 2019409329 2020226356 2020378661 2021200090 2021215153	2017348422
<b><u>A01G 9 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A44B 11 /-</u></b>	<b><u>A47B 55 /-</u></b>		<b><u>A61H 19 /-</u></b>
2019229371	2021204412	2021257974	2017268644		2019247064
<b><u>A01H 5 /-</u></b>	<b><u>A21B 1 /-</u></b>	<b><u>A44B 13 /-</u></b>	<b><u>A47B 97 /-</u></b>	<b><u>A47C 20 /-</u></b>	<b><u>A61H 23 /-</u></b>
2016416782 2020267286 2020439553	2017231095	2021257974	2017268644	2021201826	2018347870
<b><u>A01H 6 /-</u></b>	<b><u>A22C 29 /-</u></b>	<b><u>A44C 11 /-</u></b>	<b><u>A47C 20 /-</u></b>	<b><u>A47G 19 /-</u></b>	
2020439553	2022204231	2021257974	2021201826	2017354038	
<b><u>A01K 11 /-</u></b>	<b><u>A23B 7 /-</u></b>	<b><u>A44C 13 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61H 9 /-</u></b>
2018280347	2019416609	2020262297	2017304286 2017307366 2017323398 2021218027	2018217877 2019324585 2021236580	2019247064
<b><u>A01K 5 /-</u></b>	<b><u>A23B 9 /-</u></b>	<b><u>A44C 15 /-</u></b>	<b><u>A47J 41 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61K 101 /-</u></b>
2018239212	2018201655	2020262297	2017301047 2019337282	2017337317	2019400110
<b><u>A01K 61 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A44C 5 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61B 34 /-</u></b>	<b><u>A61K 31 /-</u></b>
2018239212 2022204231	2021340764	2020262297	2019374770	2018235079 2018289116	2016286898 2016400405 2017211270 2017214668 2017235665 2017314181 2017378203 2017384442 2018307928 2018309085 2018312836 2018313910 2018350846 2018373464 2018384069 2018446538 2019209114 2019219123 2019255717 2019264860
<b><u>A01M 1 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A45B 19 /-</u></b>	<b><u>A47J 44 /-</u></b>	<b><u>A61B 5 /-</u></b>	
2017297358	2018448263 2019264860	2020331883	2019337282	2017332031 2018226820 2018289116 2019218638 2019333116 2020294356	
<b><u>A01M 29 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A45B 25 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61B 6 /-</u></b>	
2018389173	2019264860	2020331883	2017363484	2017351986 2018289116 2019285393	
<b><u>A01N 1 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A45D 19 /-</u></b>	<b><u>A47K 13 /-</u></b>		
2018205755	2019416609	2019353969 2019353970	2021257974		
<b><u>A01N 25 /-</u></b>	<b><u>A23L 2 /-</u></b>				
2017264836 2017297358	2018381338				

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2019266511	2019416623		2021254653	<b><u>A61Q 19/-</u></b>	
2019297198		<b><u>A61M 21/-</u></b>		2017215476	<b><u>B01J 14/-</u></b>
2019321429	<b><u>A61K 47/-</u></b>	2018347870	<b><u>A61P 29/-</u></b>	2017248040	2021203395
2019353424			2017384442	2018226820	
2019402151	2017246999		2018307928	2019353969	<b><u>B01J 19/-</u></b>
2019402854	2017314181	<b><u>A61M 25/-</u></b>	2021200129		2021203395
2019416623	2017358578			<b><u>A61Q 5/-</u></b>	
2020202755	2017378203	2017342522		2017248040	<b><u>B01J 21/-</u></b>
2020220185	2017384442	2021200090	<b><u>A61P 3/-</u></b>	2019353969	2018446335
2020256326	2019275479		2016382932		
2020257129	2019423109	<b><u>A61M 29/-</u></b>	2018373464	<b><u>A62B 18/-</u></b>	<b><u>B01J 23/-</u></b>
2020264679		2021200090	2018446538		<b><u>B01J 23/-</u></b>
2020267276	<b><u>A61K 48/-</u></b>		2019219123	2020273317	2018446335
2021200129		<b><u>A61M 35/-</u></b>	2020264679		
2021201765	2017313616		2020267276	<b><u>A62C 99/-</u></b>	<b><u>B01J 35/-</u></b>
2021202967	2019275479	2021201720		2017328283	2018446335
2021250851	<b><u>A61K 51/-</u></b>	<b><u>A61M 39/-</u></b>	<b><u>A61P 31/-</u></b>		
2021254653			2019219123	<b><u>A63B 21/-</u></b>	<b><u>B01L 3/-</u></b>
2021332085	2019400110	2017386122	2019221496	2019214531	2018255430
<b><u>A61K 33/-</u></b>	<b><u>A61K 8/-</u></b>	<b><u>A61M 5/-</u></b>	2020256326	<b><u>A63B 24/-</u></b>	2018280186
		2021203524	2021332085	2019333116	2018336815
2017309968	2017215476	<b><u>A61M 60/-</u></b>			<b><u>B01L 7/-</u></b>
2019423109	2017248040	2019370131	<b><u>A61P 33/-</u></b>	<b><u>A63B 69/-</u></b>	2018255430
2021261261	2019353969		2019266511	2019333116	2021200020
<b><u>A61K 35/-</u></b>	2019402854	<b><u>A61N 1/-</u></b>	<b><u>A61P 35/-</u></b>		
	2020253232	2019324585	2016286898	<b><u>A63B 71/-</u></b>	<b><u>B01L 9/-</u></b>
2017248848	2021202759	2020219714	2016372575	2019218638	2018280186
2017347854	<b><u>A61K 9/-</u></b>	2020226356	2017309968		
2018333272			2017358578	<b><u>A63F 13/-</u></b>	<b><u>B03D 1/-</u></b>
2019314452	2016400405	<b><u>A61N 5/-</u></b>	2018312836	2021333741	2021202923
<b><u>A61K 36/-</u></b>	2017214668	2018347870	2018433363		
	2017314181	2019452405	2019209114	<b><u>A63G 31/-</u></b>	<b><u>B03D 103/-</u></b>
2018446538	2017378203	<b><u>A61N 7/-</u></b>	2019252944	2021201713	2021202923
2019264860	2017384442	2021201720	2019255717		
<b><u>A61K 38/-</u></b>	2018350846	<b><u>A61P 1/-</u></b>	2019275479	<b><u>A63H 33/-</u></b>	<b><u>B05B 1/-</u></b>
	2021202349	2017384442	2019400110	2018333845	2019353970
2017358578	2021332085	2018446538	2019402151	<b><u>B01D 29/-</u></b>	<b><u>B05B 12/-</u></b>
2018226820	<b><u>A61L 15/-</u></b>	<b><u>A61P 11/-</u></b>	2020267276	2019207591	2020260382
2018309166		2018333272	2020404453		
2018314269	2017246999	2019353424	<b><u>A61P 37/-</u></b>	<b><u>B01D 53/-</u></b>	<b><u>B05B 3/-</u></b>
2020239744	2018384069	<b><u>A61P 13/-</u></b>	2019209114	2017247530	2020260382
2020252184		2018446538	2021200129	2017247954	<b><u>B05B 7/-</u></b>
2021201765	<b><u>A61L 2/-</u></b>	<b><u>A61P 21/-</u></b>	<b><u>A61P 43/-</u></b>	2017268865	2020260382
2021202759		2021202759	2017384442	2018446174	
<b><u>A61K 39/-</u></b>	2020257129	<b><u>A61P 25/-</u></b>	2018373464	2018446335	<b><u>B05D 1/-</u></b>
	<b><u>A61L 27/-</u></b>	2017235665	2019353424		<b><u>B05D 1/-</u></b>
2016286898		2017378203		<b><u>B01D 61/-</u></b>	2019355035
2016304764	2017326179	2018373464	<b><u>A61P 9/-</u></b>	2017316545	
2016341304	2018350139	2018446538	2018446538	2018216240	<b><u>B07C 3/-</u></b>
2016382932	2020244415	<b><u>A61P 25/-</u></b>	2020252184		2021215145
2019221496	<b><u>A61M 1/-</u></b>	2017235665	<b><u>A61Q 11/-</u></b>	<b><u>B01D 69/-</u></b>	
2019252944		2017378203	2019402854	2018216240	<b><u>B08B 13/-</u></b>
2019314452	20173336310	2018373464	2020253232		2020277093
2019402151	<b><u>A61M 11/-</u></b>	2019297198	<b><u>A61Q 17/-</u></b>	<b><u>B01D 71/-</u></b>	<b><u>B08B 3/-</u></b>
2020202147		2019353424	2017248040	2018216240	
2020267276	<b><u>A61M 11/-</u></b>	2019423109			<b><u>B08B 3/-</u></b>
2020404453	20212221403	<b><u>A61P 27/-</u></b>		<b><u>B01F 27/-</u></b>	2017302593
2021203138	<b><u>A61M 15/-</u></b>			2017301047	2020277093
<b><u>A61K 41/-</u></b>					
	2021221403				
2016372575	<b><u>A61M 16/-</u></b>				
<b><u>A61K 45/-</u></b>					
	2017342522				
2016286898	2021201305				
2018373464	2021218118				
2019402151	2021240146				
	2022204897				

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2021377723	2021203769	<b>B32B 27 /-</b>	<b>B61L 23 /-</b>	<b>B65D 50 /-</b>	<b>B67D 7 /-</b>
<b>B21D 22 /-</b>	<b>B25B 13 /-</b>	2018255043	2019213311	2021257974	2017218170
2017303834	2019409329	2018324421	<b>B61L 25 /-</b>	<b>B65D 51 /-</b>	2021338581
<b>B21D 51 /-</b>	<b>B25B 15 /-</b>	2018345211	2019200790	2017379010	<b>B82Y 40 /-</b>
2017303834	2021218156	<b>B32B 29 /-</b>	2020252758	2018218189	2018224032
<b>B23B 45 /-</b>	<b>B25B 23 /-</b>	2018345211	2021200651	<b>B65D 55 /-</b>	<b>C01B 17 /-</b>
2020249745	2019409329	<b>B32B 3 /-</b>	<b>B61L 27 /-</b>	2020410913	2017247954
<b>B23B 47 /-</b>	2021218156	2017363484	2021200651	<b>B65D 6 /-</b>	<b>C01B 32 /-</b>
2020249745	<b>B25C 1 /-</b>	2020287947	<b>B62B 7 /-</b>	2022200628	2018224032
<b>B23B 51 /-</b>	2020215187	<b>B32B 33 /-</b>	2019298091	<b>B65D 65 /-</b>	<b>C01B 33 /-</b>
2021236569	<b>B25C 7 /-</b>	2018255043	<b>B62D 25 /-</b>	2018345211	2017246999
<b>B23C 1 /-</b>	2020261676	<b>B32B 5 /-</b>	2017383430	<b>B65D 71 /-</b>	<b>C01D 15 /-</b>
2021236569	<b>B25F 5 /-</b>	<b>B33Y 50 /-</b>	<b>B62D 29 /-</b>	2017297280	2020237451
<b>B23C 5 /-</b>	2020249745	2020244584	<b>B62D 55 /-</b>	<b>B65D 81 /-</b>	2021200745
2021236569	<b>B25J 11 /-</b>	<b>B33Y 70 /-</b>	2017321113	2017344355	<b>C01G 41 /-</b>
<b>B23C 9 /-</b>	2019335977	2018350139	2017323451	2017379010	2020244932
2021236569	<b>B25J 9 /-</b>	<b>B41L 41 /-</b>	<b>B63B 1 /-</b>	<b>B65D 85 /-</b>	<b>C01G 45 /-</b>
<b>B23K 11 /-</b>	2018289116	2021377723	2019240755	2017223261	2020237451
2020224457	2019312668	<b>B41M 3 /-</b>	<b>B63B 21 /-</b>	2017256864	<b>C01G 51 /-</b>
<b>B23K 26 /-</b>	2019335977	2017371109	2017283742	2017379010	2020237451
2021203602	2021203769	<b>B44C 1 /-</b>	<b>B63B 32 /-</b>	<b>B65D 90 /-</b>	<b>C01G 53 /-</b>
<b>B23K 31 /-</b>	2021204412	2018255043	2019240755	2017218170	2020237451
2020224457	2021204412	<b>B60B 39 /-</b>	<b>B63B 35 /-</b>	<b>B65G 15 /-</b>	<b>C02F 1 /-</b>
<b>B23P 15 /-</b>	<b>B29C 45 /-</b>	2020289757	2017328283	2017363484	2017247530
2017280498	2020244500	<b>B60C 11 /-</b>	<b>B65C 9 /-</b>	<b>B65G 17 /-</b>	<b>C02F 101 /-</b>
<b>B23Q 1 /-</b>	<b>B29C 64 /-</b>	2020267241	2017256735	2021245243	2017247530
2021203769	2018350139	<b>B60J 7 /-</b>	<b>B65D 17 /-</b>	<b>B65G 35 /-</b>	<b>C02F 103 /-</b>
<b>B23Q 11 /-</b>	<b>B29C 67 /-</b>	2021300880	2017354038	2021215145	2021201713
2021236569	2018212454	<b>B60K 28 /-</b>	<b>B65D 19 /-</b>	<b>B65G 43 /-</b>	<b>C02F 9 /-</b>
<b>B23Q 15 /-</b>	<b>B31B 70 /-</b>	2020252758	2022200628	<b>B65G 65 /-</b>	2017290387
2021203769	2020270463	<b>B60P 1 /-</b>	<b>B65D 25 /-</b>	2021245243	<b>C03B 23 /-</b>
<b>B23Q 3 /-</b>	<b>B31F 1 /-</b>	2017369517	2017379010	<b>B66B 23 /-</b>	2020214916
2021203769	2017363484	2019327038	<b>B65D 41 /-</b>	2019373296	<b>C03B 27 /-</b>
<b>B23Q 41 /-</b>	2020277093	<b>B60R 13 /-</b>	2018320552	<b>B66B 7 /-</b>	2020214916
2021236569	2020287947	2019245602	2020410913	2017233850	<b>C03C 17 /-</b>
2021203769	<b>B31F 5 /-</b>	<b>B60T 8 /-</b>	<b>B65D 47 /-</b>	<b>B66C 23 /-</b>	2021204728
<b>B23Q 5 /-</b>	2020277093	2020252758	2017354038	2017369517	<b>C07C 227 /-</b>
2021203769	<b>B32B 17 /-</b>	<b>B61B 13 /-</b>	<b>B65D 5 /-</b>	2020223775	2018266357
<b>B23Q 7 /-</b>	2018324421	2021200651	2020287947	<b>B66F 9 /-</b>	2021218176



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<b><u>C07C 229 /-</u></b>	2019209114 2019400110 2018266357	2020202570 2020202855 2020404453 2021201765	<b><u>C09C 1 /-</u></b>	2017268865 2018200096	<b><u>C12P 19 /-</u></b>
<b><u>C07C 57 /-</u></b>	<b><u>C07D 513 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C09D 11 /-</u></b>	<b><u>C11D 1 /-</u></b>	2017355460 2018343981 2020239676
2018266357	2020264679	2017358578 2019275479	2019376799	2020272127	<b><u>C12Q 1 /-</u></b>
<b><u>C07D 207 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C07K 5 /-</u></b>	<b><u>C09D 201 /-</u></b>	<b><u>C11D 11 /-</u></b>	2016341304 2016349391 2016353133 2016355547 2016362875 2017306657 2017317568 2017326179 2017355460 2017363204 2018237366 2018255430 2019252944 2020227005 2020239676 2020256326 2020281107 2020412459 2021200020 2021200915
2018332887	2018373464	2018448263	2019355035	2020272127	<b><u>C11D 3 /-</u></b>
<b><u>C07D 209 /-</u></b>	<b><u>C07F 7 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C09D 5 /-</u></b>	2020272127 2020277093	<b><u>C12M 1 /-</u></b>
2018332887 2019255717 2020220185	2019400110	2018314269 2021202759	2019355035 2021257993	2017237187 2017268865 2020239676 2021245187	2017363204 2018237366 2018255430 2019252944 2020227005 2020239676 2020256326 2020281107 2020412459 2021200020 2021200915
<b><u>C07D 215 /-</u></b>	<b><u>C07F 9 /-</u></b>	<b><u>C08B 37 /-</u></b>	<b><u>C09D 7 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>C12N 1 /-</u></b>
2019266511	2018215203 2021201765	2017321818	2019376799	2017316545 2020239676 2021245187	<b><u>C12N 1 /-</u></b>
<b><u>C07D 231 /-</u></b>	<b><u>C07H 1 /-</u></b>	<b><u>C08F 210 /-</u></b>	<b><u>C09J 161 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>C12R 1 /-</u></b>
2019255717	2018343981 2020292763	2020211733 2020212400	2021204412	2017316545 2020239676 2021245187	2021229228
<b><u>C07D 233 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C08G 73 /-</u></b>	<b><u>C09K 17 /-</u></b>	2018222346	<b><u>C22B 1 /-</u></b>
2019219123	2018313910 2021202967	2021203395	2018222346	<b><u>C10B 53 /-</u></b>	2021200745
<b><u>C07D 239 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C08G 75 /-</u></b>	<b><u>C10B 53 /-</u></b>	2017363548	<b><u>C22B 26 /-</u></b>
2018309085 2021250851	2017317568 2018433363 2020202755 2020292763	2021203395	<b><u>C10G 1 /-</u></b>	2016355547 2016355975 2017377068 2021229228	2020237451 2021200745
<b><u>C07D 333 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C08G 77 /-</u></b>	2019297562	<b><u>C12N 15 /-</u></b>	<b><u>C22B 3 /-</u></b>
2021254653	2018313910 2021202967	2018222346	<b><u>C10G 11 /-</u></b>	2016335572 2016353133 2016355547 2016355975 2016362875 2016370726 2016379399 2017220774 2017238512 2017306657 2017313616 2017363204 2017377068 2018237366 2018309166 2018433363 2019275479 2020267286	2019345538 2020237451 2021200745
<b><u>C07D 401 /-</u></b>	<b><u>C07H 3 /-</u></b>	<b><u>C08H 8 /-</u></b>	2019297562	<b><u>C12N 15 /-</u></b>	<b><u>C22B 26 /-</u></b>
2018312836 2018332887 2019255717	2018343981	2018312941	<b><u>C10G 45 /-</u></b>	2016335572 2016353133 2016355547 2016355975 2016362875 2016370726 2016379399 2017220774 2017238512 2017306657 2017313616 2017363204 2017377068 2018237366 2018309166 2018433363 2019275479 2020267286	2020237451 2021200745
<b><u>C07D 403 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C08J 5 /-</u></b>	2019297562	<b><u>C10G 53 /-</u></b>	<b><u>C22B 3 /-</u></b>
2018312836 2018332887 2019255717	2016312909	2018247704 2018345211	<b><u>C10G 53 /-</u></b>	2017363548	2019345538 2020237451 2021200745
<b><u>C07D 405 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08J 7 /-</u></b>	<b><u>C10G 69 /-</u></b>	<b><u>C10G 69 /-</u></b>	<b><u>C22B 47 /-</u></b>
2018332887 2019255717	2016355547 2016355975 2017313616 2017347854 2017358578 2018309166 2019252944 2019275479 2019314452 2020252184 2021202759 2021203138	2021257993	2019297562	2019297562	2020237451
<b><u>C07D 413 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C10G 7 /-</u></b>	<b><u>C10G 7 /-</u></b>	<b><u>C22B 59 /-</u></b>
2018332887 2019255717	2016355547 2016355975 2017313616 2017347854 2017358578 2018309166 2019252944 2019275479 2019314452 2020252184 2021202759 2021203138	2019355035 2020244500 2021201846	2017363548	2017363548	2019345538
<b><u>C07D 417 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C10J 3 /-</u></b>	<b><u>C10J 3 /-</u></b>	<b><u>C22B 7 /-</u></b>
2018332887	2016286898 2016304764 2016312909 2016369524 2016382932 2017358578 2019252944 2019275479 2019314452 2019402151	2019404016 2021201846	2021225098	2021225098	2020237451
<b><u>C07D 471 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C10K 3 /-</u></b>	<b><u>C10K 3 /-</u></b>	<b><u>C22B 9 /-</u></b>
2018332887	2020211733 2020212400 2021201846	2020211733 2020212400 2021201846	2021225098	2021225098	2021203602
<b><u>C07D 487 /-</u></b>	<b><u>C08L 29 /-</u></b>	<b><u>C08L 29 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C10L 1 /-</u></b>	<b><u>C22C 38 /-</u></b>
2018307928 2018312836 2019255717 2020264679	2017246999	2017246999	2018200096 2022206468	2018200096 2022206468	2020224457
<b><u>C07D 487 /-</u></b>			<b><u>C10L 10 /-</u></b>	<b><u>C10L 10 /-</u></b>	<b><u>C23C 28 /-</u></b>
			2022206468	2022206468	2021257993
			<b><u>C10L 3 /-</u></b>	<b><u>C10L 3 /-</u></b>	<b><u>C25B 1 /-</u></b>
				2016335572 2016382932 2017313616 2020277093	2018224032

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2021266339	2018353342 2019209164	2018333845	<u>E21B 29/-</u>		<u>F23B 60/-</u>
<u>C40B 30/-</u>	<u>D21H 19/-</u>	<u>E04B 7/-</u>	2018207075 2021204357	<u>F04D 15/-</u>	2017379142
2020224663	2018345211	2018333848	<u>E21B 33/-</u>	2019297982	<u>F23G 5/-</u>
<u>C40B 50/-</u>	<u>D21H 21/-</u>	<u>E04D 3/-</u>	2017379410 2018207075 2020265522 2021203618	<u>F04D 29/-</u>	2017379142
2017363204	2018353342	2018333848	<u>E04F 13/-</u>	2019387842	<u>F23G 7/-</u>
<u>D01D 5/-</u>	<u>D21H 23/-</u>	2018333848 2021232797	<u>E21B 34/-</u>	<u>F15B 1/-</u>	2017379142 2018446174
2017246999	2018353342 2020277093	<u>E04H 17/-</u>	2020265522	<u>F15B 15/-</u>	<u>F23H 13/-</u>
<u>D01F 1/-</u>	<u>D21H 25/-</u>	2016204766	<u>E21B 35/-</u>	2017280498 2019282318	2017379142
2017246999	2018353342	<u>E04H 4/-</u>	2017328283	<u>F16B 2/-</u>	<u>F23K 3/-</u>
<u>D03D 1/-</u>	<u>D21H 27/-</u>	2021201713	<u>E21B 43/-</u>	2020256427	2017379142
2017320642	2017363484 2018345211	<u>E05D 13/-</u>	2018251878	<u>F16C 11/-</u>	<u>F24B 1/-</u>
<u>D03D 15/-</u>	2018353342 2020287947	2018207069 2020403713	<u>E21B 47/-</u>	2018388676	2017379142
2017320642	<u>D21J 3/-</u>	<u>E05D 15/-</u>	2016396055 2019356964	<u>F16H 57/-</u>	<u>F24B 13/-</u>
<u>D03D 9/-</u>	2017297280	2018207069 2020403713	<u>E21C 25/-</u>	2017301456	2017379142
2017320642	<u>E01D 19/-</u>	<u>E05F 5/-</u>	2017269411	<u>F16J 15/-</u>	<u>F24D 17/-</u>
<u>D04H 1/-</u>	2017276351	2017268644	<u>E21C 27/-</u>	2017330251	2018201281
2017246999 2019404016	<u>E01F 13/-</u>	<u>E06B 3/-</u>	2017269411	<u>F16K 31/-</u>	<u>F24D 19/-</u>
<u>D04H 13/-</u>	2016204766	2020403713	<u>F01K 25/-</u>	2017218170 2019282318	2018201281 2018344825
2017278955	<u>E02B 17/-</u>	<u>E06B 7/-</u>	2020267295	<u>F16K 37/-</u>	<u>F24F 1/-</u>
<u>D06F 33/-</u>	2017328283	2018389173	<u>F01N 11/-</u>	2018344825	2019438545
2019327288	<u>E02D 27/-</u>	<u>E06B 9/-</u>	2017349190	<u>F16L 23/-</u>	<u>F24F 11/-</u>
<u>D06F 37/-</u>	2017278154	2017200574 2018207069 2020273368 2021203003	<u>F01N 3/-</u>	2021338581	2019432579 2019436796 2021205033
2019292271 2019297982 2019327288	<u>E02D 33/-</u>	2017208218	<u>F01P 3/-</u>	<u>F16L 27/-</u>	<u>F24F 13/-</u>
<u>D06F 39/-</u>	2017278154	<u>E06C 1/-</u>	2017208218	2021338581	2019438545 2021206776
2019292271 2019297982	<u>E02F 3/-</u>	2021202034	<u>F02C 1/-</u>	2017282064 2021338581	<u>F24S 20/-</u>
<u>D06F 58/-</u>	2020223775	<u>E21B 10/-</u>	2020267295	<u>F16L 47/-</u>	2021232848
2019262483	<u>E02F 9/-</u>	2017269411	<u>F02D 19/-</u>	2021338581	<u>F24S 23/-</u>
<u>D06M 23/-</u>	2017280498 2019327038 2019372330 2020223775 2021215097	<u>E21B 17/-</u>	2022206468	<u>F16L 9/-</u>	2021232848
2017246999	<u>E03B 9/-</u>	2018251878 2019356964	<u>F02G 1/-</u>	2017282064	<u>F24S 30/-</u>
<u>D21F 1/-</u>	2021338581	<u>E21B 23/-</u>	2020267295	<u>F16M 13/-</u>	2021232848
2020277093	<u>E04B 1/-</u>	2017202448 2019356964 2021204357	<u>F02M 43/-</u>	2020256427	<u>F25B 47/-</u>
<u>D21F 11/-</u>	2018333845 2018333848 2018444444	<u>E21B 27/-</u>	2022206468	<u>F17C 9/-</u>	2019436796
2017363484	<u>E04B 2/-</u>	2021245243	<u>F03D 80/-</u>	2016417377	<u>F25B 49/-</u>
<u>D21H 13/-</u>			2019332700	<u>F23B 40/-</u>	2019431661 2019432579
2019209164			<u>F04B 39/-</u>	2017379142	<u>F25D 21/-</u>
<u>D21H 17/-</u>			2019431661		

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2022206717	<b><u>G01G 19 /-</u></b>	<b><u>G01S 13 /-</u></b>	2019419580	<b><u>G06N 10 /-</u></b>	2020286340
<b><u>F25D 23 /-</u></b>	2019327038	2018313118	2021201061	2020232777	<b><u>G16H 20 /-</u></b>
2022206717	<b><u>G01J 3 /-</u></b>	<b><u>G01S 15 /-</u></b>	2021218176	<b><u>G06Q 10 /-</u></b>	2019218638
<b><u>F25D 29 /-</u></b>	2020215098	2018313118	2022200001	<b><u>G06F 11 /-</u></b>	<b><u>G16H 30 /-</u></b>
2019431661	<b><u>G01K 1 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06F 11 /-</u></b>	2021201743	2019285393
<b><u>F25J 1 /-</u></b>	2017354933	2018313118	2018392794	2021212009	<b><u>G06Q 20 /-</u></b>
2018200096	2019431661	2019315355	2021225167	2018392794	<b><u>G16H 40 /-</u></b>
2019326291	2019453400	<b><u>G01S 7 /-</u></b>	2018294439	2021200169	2019218638
<b><u>F26B 21 /-</u></b>	2019454314	2018289218	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 30 /-</u></b>	2019285393
2016429744	<b><u>G01K 13 /-</u></b>	<b><u>G01V 1 /-</u></b>	2017258896	2018326573	<b><u>G16H 50 /-</u></b>
<b><u>F26B 23 /-</u></b>	2017354933	2016396055	2018260500	2020244388	2019285393
2016429744	<b><u>G01L 13 /-</u></b>	2017224136	2020215098	<b><u>G06Q 40 /-</u></b>	<b><u>G21G 1 /-</u></b>
<b><u>F28F 1 /-</u></b>	2018344825	2018379824	2020219814	2018326573	2018212953
2016417377	<b><u>G01L 19 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01F 27 /-</u></b>
<b><u>F41G 1 /-</u></b>	2018344825	2017433746	2017320349	2017332031	2021201057
2017433746	<b><u>G01N 17 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06F 21 /-</u></b>	2020244561	<b><u>H01F 29 /-</u></b>
<b><u>F41G 11 /-</u></b>	2018274468	2017337317	2018326573	2021201743	2020272410
2017433746	<b><u>G01N 21 /-</u></b>	2017366896	2019319767	<b><u>G06T 1 /-</u></b>	<b><u>H01H 1 /-</u></b>
<b><u>F41G 3 /-</u></b>	2017237187	2017433746	2021212009	2019315355	2021201535
2018289218	2019376834	2019332110	<b><u>G06F 3 /-</u></b>	<b><u>G06T 15 /-</u></b>	<b><u>H01H 31 /-</u></b>
<b><u>F41H 11 /-</u></b>	2020215098	<b><u>G02B 5 /-</u></b>	2018392794	2020267215	2021201535
2018209477	2021200020	2018255043	2019342918	<b><u>G06T 7 /-</u></b>	<b><u>H01H 33 /-</u></b>
<b><u>F41H 5 /-</u></b>	<b><u>G01N 27 /-</u></b>	2019229371	2020272737	2020267215	2021201535
2018209477	2017317568	2021204728	2021201419	<b><u>G06F 40 /-</u></b>	<b><u>H01H 71 /-</u></b>
2018247704	2018228511	<b><u>G02B 7 /-</u></b>	<b><u>G06F 40 /-</u></b>	2020240106	2019447727
<b><u>F41H 7 /-</u></b>	2019200790	2018388676	<b><u>G06F 5 /-</u></b>	2020267215	<b><u>H01H 77 /-</u></b>
2018209477	<b><u>G01N 3 /-</u></b>	<b><u>G02C 7 /-</u></b>	2020267215	<b><u>G08B 1 /-</u></b>	2019447727
<b><u>F42C 15 /-</u></b>	2017278154	2017372070	<b><u>G06F 7 /-</u></b>	2021225167	<b><u>H01H 83 /-</u></b>
2018209477	<b><u>G01N 33 /-</u></b>	<b><u>G02F 1 /-</u></b>	2018221458	<b><u>G09G 5 /-</u></b>	2019447727
<b><u>F42D 1 /-</u></b>	2016341304	2020273368	<b><u>G06F 9 /-</u></b>	2019327038	<b><u>H01L 21 /-</u></b>
2017379410	2017237187	2020294239	2021218062	2020273368	2021221904
<b><u>G01B 21 /-</u></b>	2017317568	<b><u>G03G 15 /-</u></b>	2021257903	<b><u>G10L 15 /-</u></b>	<b><u>H01L 23 /-</u></b>
2020244584	2018237366	2021200529	<b><u>G06K 17 /-</u></b>	2020272737	2020256427
<b><u>G01C 21 /-</u></b>	2019252944	2021200543	2021218176	2021232744	<b><u>H01L 27 /-</u></b>
2021218176	2019314452	<b><u>G03G 21 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>G10L 17 /-</u></b>	2020250303
<b><u>G01F 1 /-</u></b>	2019321429	2021200543	2019245602	2020272737	2020376100
2019438806	2020404453	<b><u>G05B 15 /-</u></b>	<b><u>G06K 7 /-</u></b>	2020412459	<b><u>H01L 31 /-</u></b>
<b><u>G01F 23 /-</u></b>	<b><u>G01N 35 /-</u></b>	2020286340	2020297006	<b><u>G16B 30 /-</u></b>	2021232848
2017354933	2018280186	2020286340	<b><u>G06K 9 /-</u></b>	<b><u>G16B 5 /-</u></b>	2021266339
	<b><u>G01P 3 /-</u></b>	<b><u>G05B 19 /-</u></b>	2018313669	2017332031	<b><u>H01M 10 /-</u></b>
	2020252758	2017278154	2019218638	<b><u>G16C 10 /-</u></b>	
	<b><u>G01R 19 /-</u></b>	<b><u>G05B 23 /-</u></b>	2019430859		
	2021236534	2018274468	2021229238		
	<b><u>G01S 1 /-</u></b>	<b><u>G05D 1 /-</u></b>			
	2021225167				

Applications Accepted - IPC Index cont'd

2020237451	<u>H02J 7 /-</u>	2020308316	<u>H04W 4 /-</u>
<u>H01M 4 /-</u>	2018276069	<u>H04J 1 /-</u>	2018204048
2017368562	2020372600	2018302739	2019418419
<u>H01M 8 /-</u>	2021204999	<u>H04L 1 /-</u>	2020206566
2017368562	<u>H02J 9 /-</u>	2020206566	2020290407
<u>H01P 5 /-</u>	2021218037	2021212111	<u>H04W 52 /-</u>
2020297006	<u>H02K 5 /-</u>	<u>H04L 12 /-</u>	2018302739
<u>H01Q 1 /-</u>	2017418057	2020254549	<u>H04W 72 /-</u>
2018241289	<u>H02M 1 /-</u>	<u>H04L 25 /-</u>	2018250144
2018289218	2020272410	2018250144	2018334842
2019274473	<u>H02M 7 /-</u>	2018334842	2018368724
<u>H01Q 21 /-</u>	2020272410	<u>H04L 27 /-</u>	2018384223
2019274473	<u>H02P 27 /-</u>	2018250144	2018401520
<u>H01Q 3 /-</u>	2019297982	<u>H04L 45 /-</u>	2020206398
2019274473	<u>H02S 10 /-</u>	2019422391	2020206566
<u>H01Q 7 /-</u>	2018224292	<u>H04L 5 /-</u>	2020214091
2018241289	<u>H02S 20 /-</u>	2018334842	2020334822
<u>H01Q 9 /-</u>	2021266339	2019217635	<u>H04W 74 /-</u>
2019274473	<u>H02S 30 /-</u>	2019246952	2018322456
<u>H01R 11 /-</u>	2018224292	2020308316	<u>H04W 76 /-</u>
2018228511	2021232848	2021212111	2019418419
<u>H01R 4 /-</u>	2021266339	2021212126	<u>H04W 8 /-</u>
2018228511	<u>H02S 40 /-</u>	<u>H04L 9 /-</u>	2019374291
<u>H01S 3 /-</u>	2018224292	2020286292	<u>H05B 45 /-</u>
2018343339	2018408878	2021212009	2017433746
<u>H02H 1 /-</u>	2021232848	<u>H04N 19 /-</u>	<u>H05B 6 /-</u>
2019447727	2021266339	2018290360	2017345017
<u>H02H 3 /-</u>	<u>H02S 50 /-</u>	2019356644	2019328516
2019447727	2018408878	2020234957	<u>H05F 3 /-</u>
<u>H02H 9 /-</u>	<u>H03K 19 /-</u>	2020301123	2018228511
2019447727	2022200224	2020311289	<u>H05H 7 /-</u>
<u>H02H 99 /-</u>	<u>H04B 1 /-</u>	2021203402	2018212953
2021218037	2018240832	<u>H04N 21 /-</u>	<u>H05H 9 /-</u>
<u>H02J 13 /-</u>	2020290407	2018230038	2018212953
2017433746	<u>H04B 10 /-</u>	2021333741	<u>H05K 5 /-</u>
<u>H02J 3 /-</u>	2021232678	<u>H04N 5 /-</u>	2018228511
2020259633	2021318396	2018230038	2019369207
2021201743	<u>H04B 5 /-</u>	<u>H04W 12 /-</u>	
<u>H02J 4 /-</u>	2020297006	2021200169	
2021218037	<u>H04B 7 /-</u>	<u>H04W 16 /-</u>	
	2018368724	2018224194	
	2019227521	<u>H04W 24 /-</u>	
	2020297006	2017419032	
		<u>H04W 28 /-</u>	
		2018384223	

**Patents Granted**

**Standard Patents**

2016253669	2016279493	2016281904	2016289492
2016290065	2016290513	2016291825	2016293104
2016294611	2016294858	2016297018	2016315704
2016331215	2016340371	2016342113	2016349693
2016349822	2016353453	2016358063	2016361326
2016366227	2016368434	2016375187	2016377165
2016402361	2016406796	2016409814	2016418409
2016425530	2016428212	2017201462	2017202659
2017203126	2017204841	2017205273	2017207514
2017213103	2017213804	2017217331	2017217619
2017225234	2017228844	2017230722	2017231572
2017232265	2017235992	2017243882	2017246264
2017246458	2017248659	2017257537	2017258568
2017262419	2017262724	2017268842	2017269388
2017277559	2017285427	2017290128	2017295722
2017298209	2017300359	2017306527	2017307558
2017311507	2017311608	2017315963	2017325573
2017328286	2017331565	2017335223	2017335736
2017336366	2017338314	2017338775	2017339580
2017343891	2017345349	2017346647	2017347026
2017349928	2017350884	2017358903	2017361878
2017367535	2017371399	2017371407	2017372905
2017374695	2017374758	2017376270	2017377092
2017377130	2017380788	2017380905	2017384368
2017394687	2017400226	2017400674	2017413152
2017417291	2018201111	2018201778	2018203366
2018205270	2018210239	2018210949	2018214804
2018220600	2018227502	2018229730	2018236894
2018243463	2018244161	2018248184	2018253115
2018256212	2018259094	2018261733	2018262327
2018263907	2018265860	2018267721	2018280552
2018281928	2018293928	2018297606	2018311912
2018316494	2018319043	2018321969	2018324771
2018341805	2018367613	2018373587	2018389628
2018403205	2018404838	2018414989	2018441785
2018448254	2018451481	2018452060	2018452488
2018456082	2019208218	2019211664	2019213446
2019231791	2019243852	2019248256	2019248545
2019254452	2019262286	2019263758	2019265694
2019270103	2019283912	2019284293	2019284477
2019286470	2019288048	2019294343	2019294387
2019304057	2019310985	2019316882	2019317180
2019317586	2019324598	2019325918	2019326538
2019332388	2019334724	2019339245	2019344878
2019345867	2019345878	2019347534	2019348323
2019350588	2019352792	2019354609	2019357830
2019360114	2019367148	2019373211	2019373651
2019377820	2019379377	2019380324	2019386691
2019386971	2019388593	2019389876	2019390729
2019393979	2019397879	2019398165	2019400046
2019415174	2019416139	2019421303	2019421433
2019426399	2019437717	2019438207	2019442562
2019456680	2019480636	2020200034	2020200782
2020203136	2020203144	2020204000	2020210935
2020211253	2020213383	2020217389	2020220021
2020220140	2020230265	2020230329	2020233630
2020241300	2020244542	2020244551	2020244580
2020250310	2020256361	2020257046	2020257925
2020260400	2020267287	2020267320	2020273302
2020273323	2020274296	2020277119	2020280022
2020281157	2020286182	2020289716	2020289766
2020289773	2020292778	2020294308	2020317264
2020357557	2020372603	2020381103	2020382120
2020386085	2020397115	2020403270	2020406407
2020408075	2020423106	2021200082	2021200306
2021200389	2021200440	2021200549	2021200742
2021201242	2021201714	2021201780	2021201815

**Patents Granted**

**Standard Patents**

2021202038	2021202265	2021203029	2021203072
2021203112	2021203489	2021203682	2021203765
2021203983	2021203991	2021204241	2021205010
2021221901	2021240210	2021266245	2021277730
2022200301	2022201182		

**Innovation Patents**

2017101933	2018102247	2022100151	2022100160
2022100162	2022100163	2022100165	2022100166
2022100167	2022100168	2022100169	2022100170
2022100171	2022100172	2022100173	

**Assignments Registered**

2008234418	Launchpoint Technologies Inc.	The patent has been assigned to <b>LaunchPoint Electric Propulsion Solutions, Inc.</b>
2009355271	Nordic Water Products AB	The patent has been assigned to <b>Sulzer Management AG</b>
2011325139	Nov Process & Flow Technologies AS	The patent has been assigned to <b>Grant Prideco, Inc.</b>
2012206771	OKT Limited	The patent has been assigned to <b>KEY-THROUGH LIMITED</b>
2012285402	Nov Process & Flow Technologies AS	The patent has been assigned to <b>Grant Prideco, Inc.</b>
2012356110	Nov Process & Flow Technologies AS	The patent has been assigned to <b>Grant Prideco, Inc.</b>
2013269181	Nov Process & Flow Technologies AS	The patent has been assigned to <b>Grant Prideco, Inc.</b>
2015318076	3M Innovative Properties Company	The patent has been assigned to <b>Attenti Electronic Monitoring Ltd.</b>
2015318077	3M Innovative Properties Company	The patent has been assigned to <b>Attenti Electronic Monitoring Ltd.</b>
2015318078	3M Innovative Properties Company	The patent has been assigned to <b>Attenti Electronic Monitoring Ltd.</b>
2016100525	Gollinucci, Giacomo	The patent has been assigned to <b>GOLLINUCCI S.r.l.</b>
2016346382	National Institute of Technology; University of the Ryukyus; Saga University	The patent has been assigned to <b>National Institute of Technology; Saga University; Kake Educational Institution</b>
2017100891	Gollinucci, Giacomo	The patent has been assigned to <b>GOLLINUCCI S.r.l.</b>
2017234380	Piling and Concreting Australia (PCA) Pty Ltd	The patent has been assigned to <b>Micropile Holdings Pty Ltd</b>
2017261497	Jiangnan University	The patent has been assigned to <b>Zhang, Lianfu</b>
2018101493	GOLLINUCCI, Giacomo	The patent has been assigned to <b>GOLLINUCCI S.r.l.</b>
2019329384	Volin, Dee	The patent has been assigned to <b>Zhejiang Zhengte Co., Ltd.</b>
2020101927	North China University of Technology	The patent has been assigned to <b>WEIFANG GUOKE ECONOMIC AND TRADE CO., LTD</b>
2020239921	Volin, Dee	The patent has been assigned to <b>Zhejiang Zhengte Co., Ltd.</b>

**Assignments Registered**

2020421709 Hilo Innovations, LLC The patent has been assigned to **KATLAS, LLC**

2021101486 North China University of Technology The patent has been assigned to **WEIFANG GUOKE ECONOMIC AND TRADE CO., LTD**

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

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

2010200162 Australian Mud Company Pty Ltd ( Reflex Instruments Asia Pacific Pty Ltd )

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

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

2015284552 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2018201664 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2018279029 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2018279033 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2018279035 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2019101205 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2019101206 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2019101207 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

2019250255 Maxeon Solar Pte. Ltd. ( DB Trustees (Hong Kong) Limited )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Accepted**

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

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.

2020201314 **Vertex Pharmaceuticals Incorporated**

The earliest first regulatory approval date provided by the patentee 09 Jul 2022

For the goods KALYDECO ivacaftor

Address for service : Pizeys Patent and Trade Mark Attorneys Pty Ltd  
GPO Box 1374 Brisbane QLD 4001 AU

**Applications Withdrawn**

The following application(s) for Extension of Term have been withdrawn under Section 73.

2016280858 **Estetra SRL**

The earliest first regulatory approval date provided by the patentee 26 Nov 2021

For the goods NEXTSTELLIS estetrol

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Withdrawn**

**Extensions granted**

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

2005258077 **E. R. Squibb & Sons, L.L.C.**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

Extension of Term of patent pursuant to Section 77 expires on 20 Jun 2025

**Corrigenda**

In Vol 33 , No 1 , Page(s) 87 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PerkinElmer Health Sciences, Inc., Application No. 2017268310, under INID (71) correct the applicant name to PERKINELMER HEALTH SCIENCES CANADA, INC.

In Vol 33 , No 1 , Page(s) 87 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PerkinElmer Health Sciences, Inc., Application No. 2017268310, under INID (72) correct the co-inventor to Bazargan, Samad

In Vol 36 , No 45 , Page(s) 6162 under the heading **Amendments - Application for Amendments** Under the name Neodrill As, Application No. 2015351871 correct the date of the statements filed to read 23 March 2022; 01 October 2021

In Vol 36 , No 47 , Page(s) 6453 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Rosalind Franklin Institute; vDiamond Light Source Limited; Oxford University Innovation Limited, Application No. 2021269176, under INID (71) correct the applicant names to The Rosalind Franklin Institute; Diamond Light Source Limited

In Vol 36 , No 47 , Page(s) 6518 under the heading **Assignments Registered** Under the name Fluidra Group Australia Pty Ltd and Fluidra Group Australia Pty Ltd, Application No. 2012202671, under INID (71) correct the applicant name to Fluidra Group Australia Pty Ltd

In Vol 36 , No 48 , Page(s) 6587 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shanghai Universal Biotech Co. Ltd , Application No. 2021260682, under INID (71) correct the applicant name to Shanghai Innofortune Boitech Co.Ltd

In Vol 36 , No 48 , Page(s) 6587 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sheltered Wings, Inc., Application No. 2021267881, under INID (71) correct the applicant name to Sheltered Wings, Inc. d/b/a Vortex Optics

In Vol 36 , No 48 , Page(s) 6631 under the heading **Applications Accepted - Name Index** Under the name PerkinElmer Health Sciences, Inc., Application No. 2017268310, under INID (71) correct the applicant name to PERKINELMER HEALTH SCIENCES CANADA, INC.

In Vol 36 , No 48 , Page(s) 6631 under the heading **Applications Accepted - Name Index** Under the name PerkinElmer Health Sciences,

**Corrigenda**

Inc., Application No. 2017268310, under INID (72) correct the co-inventor to Bazargan, Samad

**Specifications Republished**

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

2018297861	<b>OriCiro Genomics, Inc.</b>
2018443332	<b>Huawei Technologies Co., Ltd.</b>
2018443332	<b>Huawei Technologies Co., Ltd.</b>
2019378221	<b>Huawei Technologies Co., Ltd.</b>
2019378221	<b>Huawei Technologies Co., Ltd.</b>
2019420297	<b>Huawei Technologies Co., Ltd.</b>
2019420455	<b>Huawei Technologies Co., Ltd.</b>
2020392702	<b>Universität Bern</b>
2021267881	<b>Sheltered Wings, Inc. d/b/a Vortex Optics</b>