



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

<p><b>NOTE:</b> When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

### 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.

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Shell Internationale Research Maatschappij B.V. v Yara International ASA [2020] APO 55***

Patent Application:	2016289420
Title:	Method for the manufacture of a urea-based particulate material containing elemental sulphur
Patent Applicant:	Yara International ASA
Opponent:	Shell Internationale Research Maatschappij B.V.
Delegate:	Dr Leslie F. McCaffery, Deputy Commissioner of Patents
Decision Date:	16 December 2020
Hearing Date:	Written submissions completed on 17 November 2020
Catchwords:	<b>PATENTS</b> — extension of time under section 223(2)(b) to file statement of grounds and particulars – streamlined processes during the COVID-19 pandemic – request for an extension made at beginning of the period for preparing the statement – consideration of whether there has been a full and frank disclosure of circumstances at the time of request that were anticipated to delay completion of the statement – whether balance of interests lies with grant of the extension – shorter extension granted than was requested – no award of costs.
Representation:	Patent attorney for the applicant: WRAYS PTY LTD Patent attorney for the opponent: PIZZEYS Patent and Trademark Attorneys

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***CQMS Pty Ltd v ESCO Group LLC [2020] APO 53***

Patent Application: 2014262221

Title: Wear part monitoring

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Xavier Gisz

Decision Date: 16 December 2020

Hearing Date: 17 November 2020, in via Video Conference

Catchwords: **PATENTS** - section 59 - final determination - the amendment does not overcome the grounds of opposition of inventive step - further opportunity provided to amend – costs awarded

Representation: Counsel for the applicant: Tom Cordiner  
Patent attorney for the applicant: Rebecca Dutkowski and Shyama Jayaswal of MinterEllison and Wayne McMaster  
Counsel for the opponent: Chris Burgess  
Patent attorney for the opponent: Fraser Smith of Spruson & Ferguson

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 8 Dec 2020 .

(71) 3rd Axis Pty Ltd (21) 2020904440 (22) 30.11.2020 (54) High Temperature Extruder for 3D Printer	(71) Anson, M.; Roman-Miller, L. (21) 2020904285 (22) 19.11.2020 (54) Methods, Systems and Apparatus for Sending and Receiving Authenticated, Encrypted Data between Devices.	(71) Bolton, L. (21) 2020904476 (22) 03.12.2020 (54) TAP VALVE ASSEMBLY
(71) ACEVEDO FANI, A.; DAVE, A.; NAG, A.; SINGH, H.; WANG, Y. (21) 2020904517 (22) 07.12.2020 (54) PLANT-BASED BEVERAGE	(71) ASF Technologies (Australia) Pty Ltd (21) 2020904567 (22) 09.12.2020 (54) Internal combustion engine having common engine parts and method of forming same	(71) Bond, G. (21) 2020904484 (22) 04.12.2020 (54) A passive timing circuit for optocoupled relays
(71) Acrow Formwork & Scaffolding Pty Ltd (21) 2020904437 (22) 30.11.2020 (54) Prop System	(71) Attey, G. (21) 2020904423 (22) 30.11.2020 (54) IMPROVEMENTS IN MAINTAINING EVEN BEVERAGE DRINKING TEMPERATURE	(71) Building IP Holdings Pty Ltd (21) 2020904448 (22) 01.12.2020 (54) Modular Building Member
<b>Aerobugs Pty Ltd see AEROBUGS PTY LTD</b> (21) 2020904497	(71) Australia National Power Storage Holding Pty Ltd (21) 2020904500 (22) 04.12.2020 (54) A CONTAINER FOR STORING A LITHIUM ION BATTERY AND AN ENERGY SYSTEM INCLUDING THE SAME	(71) Calix Ltd (21) 2020904492 (22) 04.12.2020 (54) PROCESSES AND METHODS FOR THE CALCINATION OF MATERIALS
(71) AEROBUGS PTY LTD; Aerobugs Pty Ltd (21) 2020904497 (22) 04.12.2020 (54) Beneficial insect egg dispenser that can drop raw bug eggs without any other medium.	(71) Avanti Materials Ltd (21) 2020904441 (22) 30.11.2020 (54) Recovery Of Vanadium From Alkaline Slag Materials	(71) Cass Materials Pty Ltd (21) 2020904449 (22) 01.12.2020 (54) Treatment of bacterial nanocellulose
<b>Allnutt, T. see Red Tractor Pty Ltd</b> (21) 2020904428	<b>BENIWAL, A. see SINGH, J.</b> (21) 2020904611	(71) Clean Mining Pty Ltd (21) 2020904475 (22) 03.12.2020 (54) PROCESS FOR RECOVERING PRECIOUS METAL FROM AN AQUEOUS SOLUTION
(71) Allsop, J. (21) 2020904460 (22) 02.12.2020 (54) Yoke pin	(71) Blastone Technology Pty Ltd (21) 2020904468 (22) 02.12.2020 (54) A SILENCER FOR A BLAST NOZZLE	(71) Commonwealth Scientific and Industrial Research Organisation; Institute of Botany, Chinese Academy of Sciences (21) 2020904452 (22) 01.12.2020 (54) CEREAL GRAIN WITH THICKENED ALEURONE
(71) ANIMALISTIC PET PRODUCTS PTY. LTD. (21) 2020904461 (22) 02.12.2020 (54) Folding Patio Pet Door	(71) Bluey Technologies Pty Ltd (21) 2020904453 (22) 01.12.2020 (54) Dry Spray Mortar Apparatus	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2020904456 (22) 01.12.2020 (54) Livestock Monitoring

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial  
Research Organisation  
(21) 2020904501 (22) 04.12.2020  
(54) Random Data Generator

(71) CSL Innovation Pty Ltd  
(21) 2020904494 (22) 04.12.2020  
(54) Methods for treating inflammatory skin  
conditions

(71) Cymra Life Sciences  
(21) 2020904491 (22) 04.12.2020  
(54) Compositions and uses thereof

**DAVE, A. see ACEVEDO FANI, A.**  
(21) 2020904517

(71) Defugo Group Australia Pty Ltd  
(21) 2020904477 (22) 03.12.2020  
(54) Decorticator and Decorticating Process

(71) DOT DESIGN GROUP PTY LTD  
(21) 2020904505 (22) 04.12.2020  
(54) Modular Shelf Price Labelling System

(71) Dunne, W.  
(21) 2020904450 (22) 01.12.2020  
(54) IMPROVED POOL SCOOP

(71) Eco-Global Energy Pty Limited  
(21) 2020904466 (22) 02.12.2020  
(54) AN APPARATUS, SYSTEM AND CELL  
FOR PRODUCING AN ELECTROLYS-  
IS GAS, AND METHOD OF ASSEM-  
BLING THE APPARATUS

(71) Ecoquip Australia Pty Ltd  
(21) 2020904465 (22) 02.12.2020  
(54) A Mobile Solar Power Unit Control Sys-  
tem

(71) Eudaemon Tech Holdings Pty Ltd  
(21) 2020904446 (22) 01.12.2020  
(54) Intragenital drug delivery device

(71) FINCHAIN.AI PTY LTD  
(21) 2020904493 (22) 04.12.2020  
(54) LIVESTOCK MONITORING AND MAN-  
AGEMENT

(71) Firebrick Pharma Pty Ltd  
(21) 2020904432 (22) 30.11.2020  
(54) Novel iodophor composition and uses  
thereof

(71) Forest, P.  
(21) 2020904458 (22) 02.12.2020  
(54) Search index optimisation of document  
retrieval systems

**GADODIA, V. see SINGH, J.**  
(21) 2020904611

(71) GARVEY, P.  
(21) 2020904556 (22) 09.12.2020  
(54) MAMMALIAN ATTRACTANT

**Goldsworthy, R. see Goldsworthy, R.**  
(21) 2020904429

(71) Goldsworthy, R.; Goldsworthy, R.  
(21) 2020904429 (22) 30.11.2020  
(54) Mycotoxin Removal from the Built En-  
vironment

(71) Growplay Pty Ltd  
(21) 2020904444 (22) 30.11.2020  
(54) PLAYGROUND APPARATUS

(71) Hajjar, E.  
(21) 2020904503 (22) 04.12.2020  
(54) Face Mask And Shield IP011

(71) Health First Laboratories  
(21) 2020904425 (22) 30.11.2020  
(54) A Testing Device

(71) Hickory Design Pty Ltd  
(21) 2020904434 (22) 30.11.2020  
(54) Concrete Structure Coupler

(71) Hines, S.  
(21) 2020904473 (22) 03.12.2020  
(54) CrocMagnet

(71) Hot Spot Holdings Pty Ltd  
(21) 2020904469 (22) 02.12.2020  
(54) A Securing Device

(71) Hot Spot Holdings Pty Ltd  
(21) 2020904478 (22) 03.12.2020  
(54) A Securing Device

(71) immVirX Pty Ltd  
(21) 2020904489 (22) 04.12.2020  
(54) Oncolytic viruses and uses thereof

**Institute of Botany, Chinese Academy of  
Sciences see Commonwealth Scientific  
and Industrial Research Organisation**  
(21) 2020904452

(71) Invictus Biotechnology Pty Ltd  
(21) 2020904488 (22) 04.12.2020  
(54) Transmucosal Delivery of Tocotrienols

(71) IP Reserve Pty Ltd  
(21) 2020904471 (22) 03.12.2020  
(54) WHEEL STOP

(71) Jam Packed Enterprises Pty Ltd  
(21) 2020904462 (22) 02.12.2020  
(54) Food Storage Container and Cooling  
Blocks

(71) Kadamani, K.  
(21) 2020904445 (22) 01.12.2020  
(54) Improved Vehicle Jack Apparatus and  
Method

**KAUR, L. see SINGH, J.**  
(21) 2020904611

(71) King Furniture Australia Pty Ltd  
(21) 2020904433 (22) 30.11.2020  
(54) Storage system

(71) Lagwerta  
(21) 2020904409 (22) 29.11.2020  
(54) DESKTOP AUTOMATED HYDRO-  
PONIC SYSTEM with IoT and Artificial  
Intelligence (AI)

(71) Loyola, F.  
(21) 2020904479 (22) 03.12.2020  
(54) BRAIN STIMULATOR APPARATUS

**MAO, B. see SINGH, J.**  
(21) 2020904611

(71) Mazy, S.  
(21) 2020904483 (22) 04.12.2020  
(54) A minimally invasive skin sample col-  
lection patch

(71) Moon Dog Brewing Pty Ltd  
(21) 2020904470 (22) 03.12.2020  
(54) Beverage production

(71) Moore, G.; Rainbow, P.  
(21) 2020904482 (22) 04.12.2020  
(54) A participant registration and course  
timing system

(71) Morgan, G.  
(21) 2020904435 (22) 30.11.2020  
(54) A scribing tool that allows a person to  
mark architectural objects to conform  
to abutting wall irregularities ready for  
trimming.

**NAG, A. see ACEVEDO FANI, A.**  
(21) 2020904517

Provisional Applications Filed - Name Index cont'd

(71) Neil, D.  
(21) 2020904490 (22) 04.12.2020  
(54) Skycleanser

**OLADEJI, O. see SINGH, J.**  
(21) 2020904611

(71) OPEC Remediation Technologies Pty Ltd  
(21) 2020904480 (22) 03.12.2020  
(54) METHOD AND APPARATUS FOR SEPARATION OF A DILUTE SUBSTANCE FROM WATER

(71) OPEC Remediation Technologies Pty Ltd  
(21) 2020904481 (22) 03.12.2020  
(54) METHOD AND APPARATUS FOR SEPARATION OF A DILUTE SUBSTANCE FROM WATER

(71) Orbinox Pty Ltd (T/A SFI Aust)  
(21) 2020904467 (22) 02.12.2020  
(54) ACCESS CONTROL HUB

(71) OWEN, J.A.; PETRIE, J.C.; ROBINSON, A.J.  
(21) 2020904463 (22) 02.12.2020  
(54) System and Method for Locating and Enabling Access to Documents

**PETRIE, J.C. see OWEN, J.A.**  
(21) 2020904463

(71) RACE ONCOLOGY LIMITED  
(21) 2020904410 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT MELANOMA

(71) RACE ONCOLOGY LIMITED  
(21) 2020904412 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT CLEAR CELL RENAL CELL CARCINOMA WITH A TKI

(71) RACE ONCOLOGY LIMITED  
(21) 2020904415 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT CLEAR CELL RENAL CELL CARCINOMA WITH CHEMO

(71) RACE ONCOLOGY LIMITED  
(21) 2020904416 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT CLEAR CELL RENAL CELL CARCINOMA WITH A CPI

(71) RACE ONCOLOGY LIMITED  
(21) 2020904417 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT CLEAR CELL RENAL CELL CARCINOMA WITH GF

(71) RACE ONCOLOGY LIMITED  
(21) 2020904418 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT MELANOMA WITH IL

(71) RACE ONCOLOGY LIMITED  
(21) 2020904419 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT MELANOMA WITH TKI

(71) RACE ONCOLOGY LIMITED  
(21) 2020904420 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT MELANOMA WITH VIRUS

(71) RACE ONCOLOGY LIMITED  
(21) 2020904421 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT MELANOMA WITH CPI

(71) RACE ONCOLOGY LIMITED  
(21) 2020904422 (22) 30.11.2020  
(54) USE OF BISANTRENE TO TREAT MELANOMA WITH CHEMO

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(21) 2020904482

(71) Rain Harvesting Pty Ltd  
(21) 2020904502 (22) 04.12.2020  
(54) Tank Screen

(71) Real Estate Logic  
(21) 2020904457 (22) 01.12.2020  
(54) AN ONLINE AI-POWERED AUCTION SYSTEM FOR REAL ESTATE TRANSACTIONS

(71) Red Tractor Pty Ltd; Allnutt, T.  
(21) 2020904428 (22) 30.11.2020  
(54) A structural fibre for cementitious material and a cementitious material including same

(71) ResMed Pty Ltd  
(21) 2020904496 (22) 04.12.2020  
(54) AIR FILTRATION APPARATUS AND SYSTEM FOR PROVIDING PATIENT INFORMATION

**ROBINSON, A.J. see OWEN, J.A.**  
(21) 2020904463

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(21) 2020904285

(71) Royal Melbourne Institute of Technology  
(21) 2020904426 (22) 30.11.2020  
(54) Oral therapeutic delivery

(71) Royal Melbourne Institute of Technology  
(21) 2020904616 (22) 11.12.2020  
(54) Formulations for Delivery of Bioactive Agents

(71) Sand Ark Australia Pty Ltd  
(21) 2020904550 (22) 08.12.2020  
(54) SAND BENEFICIATION PROCESS

(71) Schmier, B.  
(21) 2020904648 (22) 14.12.2020  
(54) Methods of Inhibiting RNA Proofreading and Therapeutic Applicants Thereof

(71) Secura Pile Pty Ltd  
(21) 2020904487 (22) 04.12.2020  
(54) A pile cladding system

(71) Servatus Ltd  
(21) 2020904451 (22) 01.12.2020  
(54) Methods for improving sleep quality

(71) Seven, S.  
(21) 2020904427 (22) 30.11.2020  
(54) A soap applying face cloth

**SINGH, H. see ACEVEDO FANI, A.**  
(21) 2020904517

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(21) 2020904611

(71) SINGH, J.; KAUR, L.; BENIWAL, A.; OLADEJI, O.; MAO, B.; GADODIA, V.; SINGH, H.  
(21) 2020904611 (22) 11.12.2020  
(54) PROCESS FOR PREPARING HYBRID MEAT ANALOGUE

(71) Smart, M.  
(21) 2020904436 (22) 30.11.2020  
(54) INFANT FORMULA DISPENSER AND SYSTEM

(71) Sorterra Pty Ltd  
(21) 2020904455 (22) 01.12.2020  
(54) METHOD AND APPARATUS FOR SORTING FLOWABLE SOLID MATERIAL

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(21) 2020904438

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(71) Stevenson, R.; Stevenson, R.  
(21) 2020904438 (22) 30.11.2020  
(54) Composition and Method for Treatment of Equine Exercise-Induced Pulmonary Haemorrhage

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(71) Stuart & Melinda Investments Pty Ltd  
(21) 2020904464 (22) 02.12.2020  
(54) Display Device

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(71) Tacfit Solutions Pty Ltd  
(21) 2020904472 (22) 03.12.2020  
(54) Mobile Fitness Unit

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(71) Technological Resources Pty. Limited  
(21) 2020904581 (22) 09.12.2020  
(54) A MOISTURE DETECTION SYSTEM

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(71) THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD  
(21) 2020904504 (22) 04.12.2020  
(54) ACCESSORY FOR WATER SPORTS BOARD

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(71) Theobald, K.  
(21) 2020904459 (22) 02.12.2020  
(54) An electrical interconnection system for solar panels

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(71) Tucann Medical Pty Ltd  
(21) 2020904495 (22) 04.12.2020  
(54) Catheter Placement Assembly

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(71) Vacrest Pty Ltd  
(21) 2020904424 (22) 30.11.2020  
(54) Method, System and Media for Stabilising a Rock Mass

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(71) Vadas, J.  
(21) 2020904447 (22) 01.12.2020  
(54) More secure temporary barrier fencing

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**Walters, J. see Walters, J.**  
(21) 2020904439

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(71) Walters, J.; Walters, J.  
(21) 2020904439 (22) 30.11.2020  
(54) EXTRACT

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(21) 2020904517

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(71) Warwick Gates Pty Ltd  
(21) 2020904454 (22) 01.12.2020  
(54) Gate Wheel

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(71) Weir Minerals Australia Limited  
(21) 2020904431 (22) 30.11.2020  
(54) Hard Complex Carbides

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(71) Western Sydney University  
(21) 2020904430 (22) 30.11.2020  
(54) Platinum(IV) complexes

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(71) Wooderson, K.  
(21) 2020904474 (22) 03.12.2020  
(54) SYSTEM AND METHOD FOR IDENTIFYING SERIALISED ASSETS

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(71) Work Air Technologies Pty Ltd  
(21) 2020904509 (22) 04.12.2020  
(54) METHOD AND SYSTEM FOR MONITORING THE ENVIRONMENT OF A CABIN AND REGULATING THE PRESSURISATION OF SAME



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Applications listed below were processed through the Patent Office Canberra during the period ending 8 Dec 2020 .

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

<hr/> <p>(71) 1045929 Ontario Limited (21) 2020281031 (22) 01.12.2020 (54) Sod handling apparatus (62) 2016206422</p> <hr/> <p>(71) 369 Labs Pty Ltd (21) 2020277218 (22) 26.11.2020 (54) POWER SYSTEM (62) 2018267602</p> <hr/> <p><b>AbbVie Stemcentrx LLC see Pfizer Inc.</b> (21) 2020281105</p> <hr/> <p><b>Abecassis, M. see The Scripps Research Institute</b> (21) 2020277267</p> <hr/> <p>(71) Acres Technology (21) 2020277275 (22) 27.11.2020 (54) Personal Electronic Device for Gaming and Bonus System (62) 2018256672</p> <hr/> <p><b>Advenchen Pharmaceuticals, LLC see CHEN, G.P.</b> (21) 2020281003</p> <hr/> <p>(71) Alios BioPharma, Inc. (21) 2020281091 (22) 03.12.2020 (54) Substituted nucleosides, nucleotides and analogs thereof (62) 2019200096</p> <hr/> <p>(71) AMADEUS S.A.S. (21) 2020277252 (22) 27.11.2020 (54) System and method of auxiliary data access (31) 19 13438 (32) 29.11.19 (33) FR 16/699,220 29.11.19 US</p> <hr/> <p>(71) AMADEUS S.A.S. (21) 2020277253 (22) 27.11.2020 (54) System and method of differential access control of shared data (31) 19 13441 (32) 29.11.19 (33) FR 16/699,205 29.11.19 US</p> <hr/> <p>(71) AMADEUS S.A.S. (21) 2020277254 (22) 27.11.2020</p>	<p>(54) System and method for legacy-based access to non-legacy data (31) 19 15435 (32) 23.12.19 (33) FR 16/724,526 23.12.19 US</p> <hr/> <p>(71) AMADEUS S.A.S. (21) 2020277255 (22) 27.11.2020 (54) Method and system for camera assisted map and navigation (31) 20 01465 (32) 14.02.20 (33) FR</p> <hr/> <p>(71) AMARIN PHARMACEUTICALS IRELAND LIMITED (21) 2020277209 (22) 26.11.2020 (54) USE OF EICOSAPENTAENOIC ACID ETHYL ESTER FOR TREATING HYPERTRIGLYCERIDEMIA (62) 2018274854</p> <hr/> <p>(71) AME Pty Ltd (21) 2020277248 (22) 26.11.2020 (54) Compensated Elevator Link (62) 2019216729</p> <hr/> <p>(71) AMES Australasia Pty Ltd (21) 2020277227 (22) 26.11.2020 (54) Clothesline Extension System</p> <hr/> <p>(71) Amgen Inc. (21) 2020281075 (22) 03.12.2020 (54) Mammalian cell culture (62) 2018203972</p> <hr/> <p>(71) AMIP (21) 2020277247 (22) 26.11.2020 (54) Buffered upper GI absorption promoter (62) 2018286568</p> <hr/> <p>(71) AMO Development, LLC (21) 2020277260 (22) 27.11.2020 (54) Robust laser cutting methods for ophthalmic surgery (62) 2019204283</p> <hr/> <p>(71) AMO Development, LLC (21) 2020281102 (22) 03.12.2020 (54) Sub-nanosecond laser surgery system utilizing multiple pulsed laser beams (62) 2016285453</p> <hr/> <p>(71) AMO Development, LLC (21) 2020281103 (22) 03.12.2020</p>	<p>(54) Apparatus for creating ocular surgical and relaxing incisions (62) 2020200658</p> <hr/> <p>(71) AMO Development, LLC (21) 2020281106 (22) 03.12.2020 (54) Laser eye surgery system (62) 2018236799</p> <hr/> <p>(71) AMO Groningen B.V. (21) 2020277274 (22) 27.11.2020 (54) Fresnel piggyback intraocular lens that improves overall vision where there is a local loss of retinal function (62) 2015386280</p> <hr/> <p>(71) Angel Playing Cards Co., Ltd. (21) 2020277250 (22) 27.11.2020 (54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE (62) 2019203969</p> <hr/> <p>(71) ANTONY, B. (21) 2020280997 (22) 30.11.2020 (54) A process to enhance the bioactivity of Ashwagandha extracts (62) 2020201462</p> <hr/> <p>(71) Apple Inc. (21) 2020277216 (22) 26.11.2020 (54) User interfaces for capturing and managing visual media (62) 2020267151</p> <hr/> <p>(71) Apple Inc. (21) 2020281126 (22) 04.12.2020 (54) Rotary input mechanism for an electronic device (62) 2019204516</p> <hr/> <p>(71) Apple Inc. (21) 2020281128 (22) 04.12.2020 (54) Synchronization and task delegation of a digital assistant (62) 2019280008</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2020281010 (22) 30.11.2020 (54) Systems and methods for tissue removal (62) 2015347206</p>
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<p>(71) Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G. (21) 2020277251 (22) 27.11.2020 (54) CHEWABLE FORMULATION (62) 2019203788</p>	<p>(54) ROBOTIC DEVICE FOR DENTAL SURGERY (62) 2015361139</p>	<p>(71) Brilliant Light Power, Inc. (21) 2020277273 (22) 27.11.2020 (54) Electrical power generation systems and methods regarding same (62) 2015266760</p>
<p>(71) Arthur Wisdom Technology Consultants Ltd. (21) 2020277223 (22) 26.11.2020 (54) PHARMACEUTICAL COMPOSITION INCLUDING CLAVULANIC ACID AND VALPROIC ACID, AND USE THEREOF (31) 108142968 (32) 26.11.19 (33) TW</p>	<p>(71) BISSELL, Inc. (21) 2020281023 (22) 01.12.2020 (54) Handheld extraction cleaner (31) 62/943,442 (32) 04.12.19 (33) US</p>	<p>(71) British American Tobacco (Investments) Limited (21) 2020281092 (22) 03.12.2020 (54) Apparatus for a resonance circuit (62) 2018241908</p>
<p>(71) Asana Biosciences, LLC (21) 2020277232 (22) 26.11.2020 (54) AMINOINDANE COMPOUNDS AND USE THEREOF IN TREATING PAIN (62) 2018260936</p>	<p>(71) BISSELL Homecare, Inc. (21) 2020277264 (22) 27.11.2020 (54) Surface cleaning apparatus (62) 2018278858</p>	<p><b>Bruner, B. see O'Donnell, K.</b> (21) 2020277258</p>
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<p>(71) Ausco Modular Pty Limited (21) 2020277259 (22) 27.11.2020 (54) A Waterproofing Cover (31) 2019904521 (32) 29.11.19 (33) AU</p>	<p>(71) BISSELL Inc. (21) 2020281051 (22) 02.12.2020 (54) Autonomous floor cleaner and docking station (31) 62/944,602 (32) 06.12.19 (33) US</p>	<p>(71) Caliber Therapeutics, LLC (21) 2020281081 (22) 03.12.2020 (54) Balloon catheter systems for delivery of dry drug delivery vesicles to a vessel in the body (62) 2019202994</p>
<p>(71) Babraham Institute (21) 2020280999 (22) 30.11.2020 (54) Chromosome conformation capture method including selection and enrichment steps (62) 2014316880</p>	<p>(71) BISSELL Inc. (21) 2020281062 (22) 02.12.2020 (54) Autonomous floor cleaner with audible warning (31) 62/944,593 (32) 06.12.19 (33) US</p>	<p>(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC (21) 2020277234 (22) 26.11.2020 (54) AUTOMATIC FORCE ADJUSTMENT CONTROL SYSTEM FOR MOBILE DRILLING MACHINES (31) 16/713,749 (32) 13.12.19 (33) US</p>
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<p>(71) BASF SE (21) 2020281064 (22) 02.12.2020 (54) Bicyclic compounds (62) 2017242539</p>	<p>(71) Bluechain Pty Ltd (21) 2020281094 (22) 03.12.2020 (54) Effecting initiation and authorization of transactions between mobile devices (62) 2017341670</p>	<p>(71) Caterpillar Inc. (21) 2020277285 (22) 27.11.2020 (54) LUBRICATION SYSTEM FOR AN ELECTRIC MOTOR (31) 16/715,947 (32) 16.12.19 (33) US</p>
<p>(71) Becton, Dickinson and Company (21) 2020281009 (22) 30.11.2020 (54) Compliant catheter adapter having self-slitting needle (62) 2016346884</p>	<p>(71) BOMBARDIER TRANSPORTATION GMBH (21) 2020280998 (22) 30.11.2020 (54) REMOTE SENSOR ARRANGEMENT (31) 1951382-9 (32) 03.12.19 (33) SE</p>	<p>(71) CATERPILLAR INC. (21) 2020277287 (22) 27.11.2020 (54) MODULAR DRIVE SYSTEM FOR A MACHINE (31) 16/715,937 (32) 16.12.19 (33) US</p>
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(71) Cavtec Pty Ltd  
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(54) Method and system for augmented reality  
(62) 2019200032

(71) CFPH, LLC  
(21) 2020280989 (22) 30.11.2020  
(54) BIOMETRIC ACCESS SENSITIVITY  
(62) 2019200867

(71) Checkers Industrial Products, LLC  
(21) 2020281004 (22) 30.11.2020  
(54) LIGHTWEIGHT WHEEL CHOCK  
(31) 16/706,293 (32) 06.12.19 (33) US

(71) CHEN, G.P.; Advenchen Pharmaceuticals, LLC  
(21) 2020281003 (22) 30.11.2020  
(54) Process for preparing an anti-cancer agent, 1-((4-(4-Fluoro-2-methyl-1H-indol-5-yloxy)-6-methoxyquinolin-7-yloxy)methyl) cyclopropanamine, its crystalline form and its salts  
(62) 2016257816

(71) Cherimulla Itty, T.  
(21) 2020281070 (22) 02.12.2020  
(54) GDS ENVIRO-SEWERAGE DRAINAGE MODULE & ASSEMBLY  
(31) 2019904848 (32) 20.12.19 (33) AU

(71) Chiasma Inc.  
(21) 2020281053 (22) 02.12.2020  
(54) Pharmaceutical compositions and related methods of delivery  
(62) 2019204065

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION  
(21) 2020277266 (22) 27.11.2020  
(54) ENZYMES AND METHODS FOR PRODUCING OMEGA-3 FATTY ACIDS  
(62) 2017276232

(71) ConMed Corporation  
(21) 2020277279 (22) 27.11.2020  
(54) Single lumen gas sealed trocar for maintaining stable cavity pressure without allowing instrument access therethrough during endoscopic surgical procedures  
(62) 2018230831

(71) CROWN EQUIPMENT CORPORATION  
(21) 2020277244 (22) 26.11.2020  
(54) Materials handling vehicle path validation and dynamic path modification  
(62) 2017315886

(71) Cyntech Anchors Ltd.  
(21) 2020277256 (22) 27.11.2020  
(54) Systems and methods for supporting a structure upon compressible soil  
(31) 16/719,514 (32) 18.12.19 (33) US  
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(71) Decathlon  
(21) 2020277295 (22) 27.11.2020  
(54) Diving mask having a built-in snorkel  
(62) 2019200673

(71) DEKA Products Limited Partnership  
(21) 2020281072 (22) 02.12.2020  
(54) CASSETTE SYSTEM INTEGRATED APPARATUS  
(62) 2020204247

(71) Depco-TRH Pty Ltd  
(21) 2020281056 (22) 02.12.2020  
(54) Mineral silicate coating  
(31) 2019904554 (32) 02.12.19 (33) AU

(71) Depuy Ireland Unlimited Company  
(21) 2020277269 (22) 27.11.2020  
(54) Cannulated, modular femoral broach and surgical instrument handle  
(31) 16/729,355 (32) 28.12.19 (33) US

(71) Depuy Ireland Unlimited Company  
(21) 2020281005 (22) 30.11.2020  
(54) Orthopaedic surgical instrument system having an anterior-loading tibial bearing trial and associated surgical method of using the same  
(31) 16/707,425 (32) 09.12.19 (33) US

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(71) DexCom, Inc.  
(21) 2020281084 (22) 03.12.2020  
(54) Intelligent wireless communications for continuous analyte monitoring  
(62) 2019213326

(71) Diamond Products Limited  
(21) 2020281017 (22) 01.12.2020  
(54) SYSTEMS AND METHODS FOR GRINDING  
(31) 17/099,044 (32) 16.11.20 (33) US

(71) DNA Genotek Inc.  
(21) 2020281110 (22) 03.12.2020  
(54) Device for collecting, transporting and storing biomolecules from a biological sample  
(62) 2015258711

(71) Dolby International AB  
(21) 2020281040 (22) 02.12.2020  
(54) Audio encoder and decoder  
(62) 2018260843

(71) Dow AgroSciences LLC  
(21) 2020281085 (22) 03.12.2020  
(54) Pest control system and method of operating same  
(62) 2019203194

(71) Dropbox, Inc.  
(21) 2020277236 (22) 26.11.2020  
(54) Creating projects in a content management system  
(62) 2017385025

(71) Dux Industries Limited  
(21) 2020281090 (22) 03.12.2020  
(54) AN APPARATUS FOR CONNECTING SECTIONS OF CHANNEL  
(31) 759890 (32) 05.12.19 (33) NZ

(71) Eco Lighting Solutions, LLC; Longardner, W.; Pinyot, J.  
(21) 2020277283 (22) 27.11.2020  
(54) Lighting fixture data hubs and systems and methods to use the same  
(62) 2016285716

(71) EGRS Technology Pty Ltd  
(21) 2020277237 (22) 26.11.2020  
(54) Apparatus and method for separating particulates  
(31) 2019904486 (32) 27.11.19 (33) AU

(71) Evoqua Water Technologies LLC  
(21) 2020281080 (22) 03.12.2020  
(54) Method and apparatus to monitor and control a water system  
(62) 2018347879

(71) F&D PARTNERS INC.  
(21) 2020281054 (22) 02.12.2020  
(54) MAGNIFYING GLASS FOR SKIN DIAGNOSIS CAPABLE OF ACQUIRING DISTORTION-COMPENSATED SKIN IMAGE  
(31) 10-2020-0129096 (32) 07.10.20 (33) KR

(71) Fisher & Paykel Healthcare Limited  
(21) 2020281019 (22) 01.12.2020  
(54) A user interface for supplying gases to an airway  
(62) 2016241100

(71) Fisher and Paykel Healthcare Limited  
(21) 2020281127 (22) 04.12.2020

Complete Applications Filed - Name Index cont'd

(54) Metal-organic framework materials in gases delivery systems  
(62) 2015288367

(71) Fitzmaurice, A.  
(21) 2020281060 (22) 02.12.2020  
(54) Pre-processing of sugar cane  
(31) 2019904607 (32) 05.12.19 (33) AU

(71) Focus Valves Pty Ltd  
(21) 2020281123 (22) 03.12.2020  
(54) Vent valve, vent vale insert and method of operation of a vent valve  
(62) 2016266080

**Friedewald, J. see The Scripps Research Institute**  
(21) 2020277267

(71) G.A WHITMORE & J.C WHITMORE; Jarvis-Branco, L.  
(21) 2020277288 (22) 27.11.2020  
(54) Certified Galaxy Natural Sapphire Stone, which shows unique inclusions to Sapphires and to an individual Gemstone, each Unique and each must show natural identifying characteristics being internal crystal matter, fingerprints, staining, healed inclusions, Colour Zoning, intersecting inclusions of the mineral rutile (silk) representing the traits to enable it be certified as one of a collection known as GALAXY SAPPHIRES

(71) Gardner, G.  
(21) 2020280985 (22) 30.11.2020  
(54) Endotracheal tube insertion device  
(62) 2020200788

(71) GDE Engineering Pty Ltd  
(21) 2020281037 (22) 01.12.2020  
(54) Method and apparatus for providing customised sound distributions  
(62) 2015330954

(71) Geberit International AG  
(21) 2020281013 (22) 01.12.2020  
(54) Hinge for mounting a toilet support  
(31) 19214186.9 (32) 06.12.19 (33) EP

(71) Gen-Probe Incorporated  
(21) 2020281107 (22) 03.12.2020  
(54) Compositions and methods for detecting Zika virus nucleic acid  
(62) 2017278065

(71) Georgia State University Research Foundation, Inc.; Proda Biotech LLC  
(21) 2020280987 (22) 30.11.2020

(54) Integrin-targeting protein and methods of use thereof  
(62) 2016230009

(71) GE Video Compression, LLC  
(21) 2020280994 (22) 30.11.2020  
(54) Sample array coding for low-delay  
(62) 2019275583

(71) Goodcart Pty Ltd  
(21) 2020277281 (22) 27.11.2020  
(54) A brake assembly for a pole  
(31) 2019904503 (32) 28.11.19 (33) AU

(71) Google LLC  
(21) 2020281055 (22) 02.12.2020  
(54) CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR QUANTUM ANNEALING PROCESSES  
(62) 2019201469

(71) Google LLC  
(21) 2020281117 (22) 03.12.2020  
(54) MULTI-TIERED AUTHENTICATION METHODS FOR FACILITATING COMMUNICATIONS AMONGST SMART HOME DEVICES AND CLOUD-BASED SERVERS  
(62) 2019219786

**GRAINS RESEARCH AND DEVELOPMENT CORPORATION see COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION**  
(21) 2020277266

(71) Griffith Hack  
(21) 2020277282 (22) 27.11.2020  
(54) Cutter head for mining machine  
(62) 2018203820

(71) HALE, A.  
(21) 2020281086 (22) 03.12.2020  
(54) Payment Re-direction System and Topology and Programming Method  
(62) 2017274070

(71) Hanmi Pharm. Co., Ltd.  
(21) 2020277290 (22) 27.11.2020  
(54) Composition for treating diabetes mellitus comprising insulin and a GLP-1/ glucagon dual agonist  
(62) 2015268199

(71) Haptch, Inc.  
(21) 2020277214 (22) 26.11.2020  
(54) METHODS AND APPARATUSES FOR HAPTIC SYSTEMS  
(62) 2019200771

**Head, S. see The Scripps Research Institute**  
(21) 2020277267

(71) Heptares Therapeutics Limited  
(21) 2020277225 (22) 26.11.2020  
(54) Bicyclic aza compounds as muscarinic M1 receptor and/or M4 receptor agonists  
(62) 2019201579

(71) Heptares Therapeutics Limited  
(21) 2020280982 (22) 30.11.2020  
(54) Muscarinic receptor agonists  
(62) 2019201560

**Honey Badger International Pty Ltd see Rogers, G.**  
(21) 2020277226

(71) HONEYWELL INTERNATIONAL INC.  
(21) 2020277183 (22) 25.11.2020  
(54) APPARATUSES, SYSTEMS, AND METHODS FOR ION TRAPS  
(31) 16/717,602 (32) 17.12.19 (33) US

(71) Huawei Technologies Co., Ltd.  
(21) 2020280995 (22) 30.11.2020  
(54) Slot scheduling method and apparatus  
(62) 2016428724

(71) Hype Diversified Pty Ltd.  
(21) 2020281111 (22) 03.12.2020  
(54) Linkage device  
(31) 2019904931 (32) 24.12.19 (33) AU

**llumina, Inc. see University of Washington Through its Center for Commercialization**  
(21) 2020277162

(71) Illumina, Inc.  
(21) 2020277261 (22) 27.11.2020  
(54) Methods and systems for analyzing image data  
(62) 2014360530

(71) Immatics Biotechnologies GmbH  
(21) 2020281108 (22) 03.12.2020  
(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST CLL AND OTHER CANCERS  
(62) 2016368981

(71) Implantica Patent Ltd  
(21) 2020277268 (22) 27.11.2020  
(54) Apparatus for controlling flow in a bodily organ  
(62) 2019200892

Complete Applications Filed - Name Index cont'd

- (71) Innovation Project  
(21) 2020281014 (22) 01.12.2020  
(54) RTU - Ready To Use Portable Disinfection Fogger
- 
- (71) Invuity, Inc.  
(21) 2020281087 (22) 03.12.2020  
(54) Surgical illumination apparatus and coupling of a fibre-optic input to an illumination element therein  
(62) 2015358529
- 
- (71) Ion Beam Applications  
(21) 2020277276 (22) 27.11.2020  
(54) A METHOD FOR PRODUCING Ac-225 FROM Ra-226  
(31) 19212438 (32) 29.11.19 (33) EP
- 
- (71) Ionis Pharmaceuticals, Inc.  
(21) 2020281071 (22) 02.12.2020  
(54) METHODS AND COMPOSITIONS FOR MODULATING APOLIPOPROTEIN(A) EXPRESSION  
(62) 2018236699
- 
- (71) iRobot Corporation  
(21) 2020277235 (22) 26.11.2020  
(54) Evacuation station  
(62) 2015400076
- 
- (71) Janssen Pharmaceutica NV  
(21) 2020281039 (22) 02.12.2020  
(54) Method for the treatment and prevention of renal disorders and fatty liver disorders  
(62) 2015210898
- 
- (71) Janssen Pharmaceutica NV  
(21) 2020281101 (22) 03.12.2020  
(54) Method for the treatment of depression  
(62) 2015301782
- 
- Jarvis-Branco, L. see G.A WHITMORE & J.C WHITMORE**  
(21) 2020277288
- 
- (71) Jinko Green Energy (Shanghai) Management Co., LTD.; ZHEJIANG JINKO SOLAR CO., LTD  
(21) 2020281074 (22) 03.12.2020  
(54) SOLAR CELL  
(31) 202011308762.X (32) 19.11.20 (33) CN
- 
- (71) Johnson & Johnson Vision Care, Inc.  
(21) 2020281097 (22) 03.12.2020  
(54) Esters for treatment of ocular inflammatory conditions  
(62) 2019204333
- 
- (71) JPI Pty Ltd  
(21) 2020281025 (22) 01.12.2020
- 
- (71) Life jacket  
(31) 2019904911 (32) 23.12.19 (33) AU
- 
- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
(21) 2020281119 (22) 03.12.2020  
(54) Carbon dioxide capturing system and operation method thereof  
(31) 2019-222352 (32) 09.12.19 (33) JP
- 
- Kurian, S. see The Scripps Research Institute**  
(21) 2020277267
- 
- Levitsky, J. see The Scripps Research Institute**  
(21) 2020277267
- 
- Longardner, W. see Eco Lighting Solutions, LLC**  
(21) 2020277283
- 
- (71) Lumet Technologies Ltd  
(21) 2020277296 (22) 29.11.2020  
(54) MEMBRANES FOR APPLICATION OF ELECTRICAL CONDUCTORS TO A SUBSTRATE  
(62) 2019200576, 2019200578
- 
- (71) Makrite Industries Inc.  
(21) 2020281042 (22) 02.12.2020  
(54) Mask
- 
- (71) Manitou Italia S.r.l.  
(21) 2020277239 (22) 26.11.2020  
(54) Self-propelled operating machine equipped with an improved cabin  
(31) 102019000023532 (32) 10.12.19 (33) IT
- 
- (71) McCloskey, J.C.  
(21) 2020277233 (22) 26.11.2020  
(54) Treatment of infection  
(62) 2018267595
- 
- (71) Miles, S.  
(21) 2020281026 (22) 01.12.2020  
(54) ELEVATED STORAGE APPARATUS FOR STORING OR MOVING ITEMS  
(31) 2020902327 (32) 07.07.20 (33) AU  
(62) 2019208179
- 
- (71) Mitobridge, Inc.; The Salk Institute for Biological Studies  
(21) 2020281069 (22) 02.12.2020  
(54) PPAR agonists, compounds, pharmaceutical compositions, and methods of use thereof  
(62) 2016333963
- 
- (71) Monsanto Technology LLC  
(21) 2020281034 (22) 01.12.2020  
(54) Methods and compositions for herbicide tolerance in plants  
(62) 2016303496
- 
- (71) MOORE, S.T.; WILDER, J.  
(21) 2020277280 (22) 27.11.2020  
(54) A core tray  
(31) 2020900221 (32) 28.01.20 (33) AU
- 
- (71) Motorola Solutions, Inc.  
(21) 2020281007 (22) 30.11.2020  
(54) DEVICE AND METHOD FOR CONTROLLING A SPEAKER ACCORDING TO PRIORITY DATA  
(31) 16/724,840 (32) 23.12.19 (33) US
- 
- (71) Motorola Solutions, Inc.  
(21) 2020281114 (22) 03.12.2020  
(54) METHOD AND APPARATUS FOR MAINTAINING MISSION CRITICAL FUNCTIONALITY IN A PORTABLE COMMUNICATION SYSTEM  
(62) 2018269394
- 
- (71) Naurex, Inc.  
(21) 2020277278 (22) 27.11.2020  
(54) Stable compositions of neuroactive peptides  
(62) 2015249222
- 
- (71) Nemesis Bioscience Ltd  
(21) 2020277257 (22) 27.11.2020  
(54) Therapeutic  
(62) 2015248621
- 
- (71) Ningbo Careline Electric Appliance Co., Ltd.  
(21) 2020277208 (22) 26.11.2020  
(54) Steam-type Air Fryer  
(31) 202010219197.3 (32) 25.03.20 (33) CN  
202020902332.X 26.05.20 CN  
202020395385.7 25.03.20 CN  
202020395405.0 25.03.20 CN  
202020396395.2 25.03.20 CN  
202020395410.1 25.03.20 CN
- 
- (71) Nordic Minesteel Technologies Inc.  
(21) 2020281125 (22) 04.12.2020  
(54) Telescoping jack for lifting large capacity trucks  
(62) 2017413555
- 
- Northwestern University see The Scripps Research Institute**  
(21) 2020277267
- 
- (71) Novartis AG  
(21) 2020277231 (22) 26.11.2020

Complete Applications Filed - Name Index cont'd

(54) 3-(1-oxoisindolin-2-yl)piperidine-2,6-dione derivatives and uses thereof  
(62) 2018319577

(71) Novartis AG  
(21) 2020281063 (22) 02.12.2020  
(54) LFA-1 inhibitor and polymorph thereof  
(62) 2019210525

(71) Novartis AG  
(21) 2020281098 (22) 03.12.2020  
(54) Methods and compositions for treatment of cartilage damage and arthritis  
(62) 2017357785

(71) Nunhems B.V.  
(21) 2020277212 (22) 26.11.2020  
(54) Tomato variety NUN 09271 TOF

(71) Nunhems B.V.  
(21) 2020277213 (22) 26.11.2020  
(54) Tomato variety NUN 09272 TOF

(71) Nutribio  
(21) 2020277271 (22) 27.11.2020  
(54) METHOD FOR PRODUCING A DEMINERALISED MILK PROTEIN COMPOSITION, SUITABLE IN PARTICULAR FOR THE ORGANIC SECTOR, AND DEMINERALISED MILK PROTEIN COMPOSITION  
(62) 2016283029

(71) O'Donnell, K.; Bruner, B.  
(21) 2020277258 (22) 27.11.2020  
(54) Motorized Luggage  
(62) 2019200499

(71) Oculeve, Inc.  
(21) 2020281058 (22) 02.12.2020  
(54) Stimulation devices and methods for treating dry eye  
(62) 2015335776

(71) OMMIP PTY LTD  
(21) 2020277284 (22) 27.11.2020  
(54) COVER FOR TRAY BACK VEHICLE WITH PROXIMITY SENSOR

(71) Orphazyme A/S  
(21) 2020277270 (22) 27.11.2020  
(54) Arimoclomol for treating glucocerebrosidase associated disorders  
(62) 2017255959

(71) Otis Elevator Company  
(21) 2020281115 (22) 03.12.2020  
(54) Visual inspection diagnostics  
(31) 202011027220 (32) 26.06.20 (33) IN

(71) Palo Alto Research Center Incorporated  
(21) 2020281065 (22) 02.12.2020  
(54) COLORIMETRIC DRUG TEST STRIP USING POROUS SUPPORT MATERIAL  
(31) 16/724,644 (32) 23.12.19 (33) US

(71) PepsiCo, Inc.  
(21) 2020281079 (22) 03.12.2020  
(54) Beverage nanoemulsions produced by high shear processing  
(62) 2016361334

(71) Peptron, Inc.  
(21) 2020281130 (22) 04.12.2020  
(54) Antibody binding specifically to MUC1 and use thereof  
(62) 2018238165

(71) Pfizer Inc.; AbbVie Stemcentrx LLC  
(21) 2020281105 (22) 03.12.2020  
(54) Anti-PTK7 antibody-drug conjugates  
(62) 2015253422

(71) Physical 2 Digital Limited  
(21) 2020277262 (22) 27.11.2020  
(54) Seal delivery tracking system  
(62) 2018214012

**Pinyot, J. see Eco Lighting Solutions, LLC**  
(21) 2020277283

(71) President and Fellows of Harvard College  
(21) 2020281043 (22) 02.12.2020  
(54) MACROLIDES AND METHODS OF THEIR PREPARATION AND USE  
(62) 2019200494

**Proda Biotech LLC see Georgia State University Research Foundation, Inc.**  
(21) 2020280987

(71) Pronova BioPharma Norge AS  
(21) 2020277222 (22) 26.11.2020  
(54) Enteral feeding device  
(62) 2016212098

(71) Prysmian S.p.A.  
(21) 2020281021 (22) 01.12.2020  
(54) Flame-retardant electrical cable  
(31) 102019000023169 (32) 06.12.19 (33) IT

(71) Prysmian S.p.A.  
(21) 2020281045 (22) 02.12.2020  
(54) Opto-electric cable  
(31) 102019000022977 (32) 04.12.19 (33) IT

(71) Qualcomm Incorporated  
(21) 2020286305 (22) 10.12.2020  
(54) EXTENDED SYNCHRONIZATION SIGNAL FOR SYMBOL INDEX DETECTION  
(62) 2017237727

(71) QU Biologics Inc.  
(21) 2020281030 (22) 01.12.2020  
(54) Anti-microbial immunomodulation  
(62) 2015252726

(71) Qubole, Inc.  
(21) 2020277238 (22) 26.11.2020  
(54) Systems and methods for auto-scaling a big data system  
(62) 2018253642

(71) Raytheon Company  
(21) 2020277217 (22) 26.11.2020  
(54) ELECTRONIC ENHANCED RECEIVER SCHEDULER SYSTEM  
(62) 2016306103

(71) Regen Technologies Pty. Ltd.  
(21) 2020277249 (22) 27.11.2020  
(54) IMPROVED POWER GENERATION AND DISTRIBUTION SYSTEM  
(31) 202041003349 (32) 24.01.20 (33) IN

(71) Remendium Labs LLC  
(21) 2020281099 (22) 03.12.2020  
(54) TREATMENT OF PELVIC ORGAN PROLAPSE  
(62) 2019204520

(71) Revelation Plating, LLC  
(21) 2020277265 (22) 27.11.2020  
(54) Chest wall repair device  
(62) 2017296286

(71) Roberts, A.D.  
(21) 2020281057 (22) 02.12.2020  
(54) A Differential  
(62) 2016257145

(71) Rogers, G.; Honey Badger International Pty Ltd  
(21) 2020277226 (22) 26.11.2020  
(54) ENERGY GENERATION LOAD COMPENSATION  
(62) 2018217279

(71) RT&C Inc.  
(21) 2020277291 (22) 27.11.2020  
(54) Method, user terminal, service server, and compensation server for restricting operation of user terminal while walking or driving  
(62) 2016316371

Complete Applications Filed - Name Index cont'd

(71) S.C.S Specialised Crusher Services Pty Ltd  
 (21) 2020281067 (22) 02.12.2020  
 (54) Conveyor idler roller assembly  
 (31) 2019904544 (32) 02.12.19 (33) AU

(71) Salk Institute for Biological Studies  
 (21) 2020281047 (22) 02.12.2020  
 (54) HIGH THROUGHPUT ASSAY FOR MEASURING ADENOVIRUS REPLICATION KINETICS  
 (62) 2017222568

Salomon, D. see The Scripps Research Institute  
 (21) 2020277267

(71) Sammut Agricultural Machinery Pty Ltd  
 (21) 2020281006 (22) 30.11.2020  
 (54) Mower Deck For A Wide Area Turf Mower

(71) Schneider Electric Industries SAS  
 (21) 2020280986 (22) 30.11.2020  
 (54) DEVICES FOR DETECTING AN ARC FAULT AND ASSOCIATED ARC-FAULT-PROTECTION UNITS  
 (31) 1914520 (32) 16.12.19 (33) FR

(71) Schneider Electric USA, Inc.  
 (21) 2020281018 (22) 01.12.2020  
 (54) Smart Capacitor  
 (31) 62/958,324 (32) 08.01.20 (33) US  
 16/988,014 07.08.20 US

(71) SEBEL PTY LTD  
 (21) 2020281050 (22) 02.12.2020  
 (54) A FURNITURE LEG  
 (62) 2016202281

(71) Seirin Corporation  
 (21) 2020277263 (22) 27.11.2020  
 (54) Acupuncture needle and method of forming acupuncture needle  
 (31) 2020-163126 (32) 29.09.20 (33) JP  
 2020-96918 03.06.20 JP

(71) Sequenom, Inc.  
 (21) 2020277215 (22) 26.11.2020  
 (54) Methods and processes for non-invasive assessment of genetic variations  
 (62) 2018217243

(71) SharkNinja Operating LLC  
 (21) 2020280983 (22) 30.11.2020  
 (54) VACUUM CLEANING DEVICE WITH FOLDABLE WAND TO PROVIDE STORAGE CONFIGURATION  
 (62) 2017352431

(71) Shashkoff, L.  
 (21) 2020281036 (22) 01.12.2020  
 (54) Portable Multi Sport Goal

(71) Shaw Industries Group, Inc.  
 (21) 2020281089 (22) 03.12.2020  
 (54) Carpet coatings, carpets with improved wet delamination strength and methods of making same  
 (62) 2016370759

(71) Shenzhen Hightide Biopharmaceutical, Ltd.  
 (21) 2020280993 (22) 30.11.2020  
 (54) Compositions and methods of using islet neogenesis peptides and analogs thereof  
 (62) 2018241212

(71) Smiths Medical ASD, Inc.  
 (21) 2020280992 (22) 30.11.2020  
 (54) Echogenic needle  
 (62) 2016344272

(71) Snap-on Incorporated  
 (21) 2020281066 (22) 02.12.2020  
 (54) Floor jack lift arm  
 (31) 16/720,945 (32) 19.12.19 (33) US

(71) Solar Energy Innovations Pty Ltd  
 (21) 2020277221 (22) 26.11.2020  
 (54) A THERMOSTAT

(71) Solarlytics, Inc.  
 (21) 2020281073 (22) 03.12.2020  
 (54) Method and system for applying electric fields to multiple solar panels  
 (62) 2019202583

(71) SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION  
 (21) 2020281012 (22) 01.12.2020  
 (54) Apparatuses Based on Jet-Effect and Thermoelectric Effect

(71) Sony Corporation  
 (21) 2020277210 (22) 26.11.2020  
 (54) Device, method, and program for processing sound  
 (62) 2019202924

(71) Spero Therapeutics, Inc.  
 (21) 2020281095 (22) 03.12.2020  
 (54) Novel tebipenem pivoxil immediate and modified release oral dosage forms  
 (62) 2017377062

(71) Spero Therapeutics, Inc.  
 (21) 2020281120 (22) 03.12.2020  
 (54) Tebipenem pivoxil crystalline forms, compositions including the same, meth-

ods of manufacture, and methods of use  
 (62) 2018215687

(71) Spinal Elements, Inc.  
 (21) 2020281016 (22) 01.12.2020  
 (54) Facet joint implant  
 (62) 2016212009

(71) Su-N Energy Holdings Ltd  
 (21) 2020281000 (22) 30.11.2020  
 (54) Method of making a mercury based compound, mercury based compound, methods of using the mercury based compound and uses of the mercury based compound  
 (62) 2016261557

(71) Sungrow Power Supply Co., Ltd.  
 (21) 2020277277 (22) 27.11.2020  
 (54) Method for controlling operation of MLPE device, method for controlling MLPE devices, and photovoltaic system  
 (31) 202010749781.X (32) 30.07.20 (33) CN

(71) SunPower Corporation  
 (21) 2020277220 (22) 26.11.2020  
 (54) Solar cell emitter region fabrication using ion implantation  
 (62) 2015284552

(71) Surgical Stabilization Technologies Inc  
 (21) 2020277245 (22) 26.11.2020  
 (54) TROCAR SUPPORT  
 (62) 2016356748

(71) Surgical Stabilization Technologies Inc  
 (21) 2020277246 (22) 26.11.2020  
 (54) TROCAR SUPPORT  
 (62) 2016356748

(71) Synedgen, Inc.  
 (21) 2020277272 (22) 27.11.2020  
 (54) Methods and compositions for disrupting biofilm utilizing chitosan-derivative compounds  
 (62) 2019202473

(71) Tasmanian Alkaloids Pty Limited  
 (21) 2020277294 (22) 27.11.2020  
 (54) A Plant  
 (62) 2016222511

(71) The General Hospital Corporation; The United States of America, as Represented by the Secretary, Department of Health and Human Services  
 (21) 2020277224 (22) 26.11.2020  
 (54) Compounds for improving mRNA splicing  
 (62) 2016206589



Complete Applications Filed - Name Index cont'd

(71) The George Washington University, A Congressional Chartered Not-For-Profit Corporation  
 (21) 2020277230 (22) 26.11.2020  
 (54) Angiotensin II alone or in combination for the treatment of hypotension  
 (62) 2014364528

(71) The Gillette Company LLC  
 (21) 2020281027 (22) 01.12.2020  
 (54) HANDLE FOR A RAZOR  
 (62) 2017310398

(71) The Regents of the University of California  
 (21) 2020281061 (22) 02.12.2020  
 (54) Thin film cell encapsulation devices  
 (62) 2016235152

(71) The Regents of The University of California  
 (21) 2020281046 (22) 02.12.2020  
 (54) METHODS AND COMPOSITIONS FOR IMPROVED COGNITION  
 (62) 2016215080

(71) The Regents of the University of Colorado, a body corporate  
 (21) 2020277293 (22) 27.11.2020  
 (54) ANTI-CANCER COMPOUNDS TARGET RAL GTPASES AND METHODS OF USING THE SAME  
 (62) 2015287567

**The Salk Institute for Biological Studies see Mitobridge, Inc.**  
 (21) 2020281069

(71) The Scripps Research Institute; Northwestern University; Salomon, D.; Kurian, S.; Head, S.; Abecassis, M.; Friedewald, J.; Levitsky, J.  
 (21) 2020277267 (22) 27.11.2020  
 (54) METHODS AND SYSTEMS FOR ANALYSIS OF ORGAN TRANSPLANTATION  
 (62) 2014317834

**The United States of America, as Represented by the Secretary, Department of Health and Human Services see The General Hospital Corporation**  
 (21) 2020277224

**Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
 (21) 2020281119

(71) Troy Wheeler Contracting Limited  
 (21) 2020277211 (22) 26.11.2020  
 (54) A GUARDRAIL  
 (62) 2016356558

(71) Twelve, Inc.  
 (21) 2020281032 (22) 01.12.2020  
 (54) Hydraulic delivery systems for prosthetic heart valve devices and associated methods  
 (62) 2019206036

(71) Ullrich Machinery Company Limited  
 (21) 2020281041 (22) 02.12.2020  
 (54) FENCE MESH AND MACHINE FOR THE FORMATION THEREOF  
 (31) 759668 (32) 02.12.19 (33) NZ

(71) Uluthando Pty Ltd  
 (21) 2020281121 (22) 03.12.2020  
 (54) Apparatus, system and method for accessing a pressurised pipe  
 (31) 2019904599 (32) 04.12.19 (33) AU

(71) University of Washington Through its Center for Commercialization; Illumina, Inc.  
 (21) 2020277162 (22) 25.11.2020  
 (54) Selective modification of polymer subunits to improve nanopore-based analysis  
 (62) 2019200189

(71) Ushr, Inc.  
 (21) 2020281118 (22) 03.12.2020  
 (54) Alignment of standard-definition and high-definition maps  
 (31) 62/944,551 (32) 06.12.19 (33) US  
 16/732,200 31.12.19 US  
 16/751,828 24.01.20 US

(71) Vapotherm, Inc.  
 (21) 2020281112 (22) 03.12.2020  
 (54) SYSTEMS AND METHODS FOR HUMIDITY CONTROL  
 (62) 2015374369

(71) Vinda Paper (Zhejiang) Co., Ltd.  
 (21) 2020280990 (22) 30.11.2020  
 (54) The invention relates to a drying system for paper production and a drying method thereof, wherein the drying system comprises a drying cylinder through which wet paper passes, at least two air hoods arranged at the periphery of the drying cylinder, heating devices corresponding to the air hoods and an air supply system communicated between the heating devices and the air hoods, and is characterized in that: the waste heat recovery system is used for recovering hot air in each air hood and returning the hot air to the heating device.  
 (31) CN202010411575.8(32) 15.05.20 (33) CN

(71) Washington University  
 (21) 2020281015 (22) 01.12.2020

(54) COMPOSITIONS AND METHODS FOR TREATMENT OF PRE-CANCEROUS SKIN LESIONS  
 (62) 2015315047

**Waters, R. see Waters, T.J.**  
 (21) 2020281038

(71) Waters, T.J.; Waters, R.; Barrett, R.N.  
 (21) 2020281038 (22) 02.12.2020  
 (54) Cryptography Method and System for Securing Data Via Electronic Transmission  
 (62) 2019201103

(71) Waymo LLC  
 (21) 2020281035 (22) 01.12.2020  
 (54) DETECTING MOTION OF AN AUTONOMOUS VEHICLE USING RADAR TECHNOLOGY  
 (62) 2018335390

**WILDER, J. see MOORE, S.T.**  
 (21) 2020277280

**WIN, S. see Argenta Manufacturing Limited**  
 (21) 2020277251

(71) Wisk Aero LLC  
 (21) 2020277243 (22) 26.11.2020  
 (54) Ventilated rotor mounting boom for personal aircraft  
 (62) 2017346503

(71) Wright Medical Technology, Inc.  
 (21) 2020277219 (22) 26.11.2020  
 (54) Fixation apparatus and method for total ankle replacement  
 (62) 2019246766

(71) Zerigo Health  
 (21) 2020281033 (22) 01.12.2020  
 (54) PHOTOTHERAPY LIGHT ENGINE  
 (62) 2016245001

**ZHEJIANG JINKO SOLAR CO., LTD see Jinko Green Energy (Shanghai) Management Co., LTD.**  
 (21) 2020281074

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<b>2020277162</b>	University of Washington Through its Center for Commercialization; Illumina, Inc.	<b>2020277270</b>	Orphazyme A/S
<b>2020277183</b>	HONEYWELL INTERNATIONAL INC.	<b>2020277271</b>	Nutribio
<b>2020277208</b>	Ningbo Careline Electric Appliance Co., Ltd.	<b>2020277272</b>	Synedgen, Inc.
<b>2020277209</b>	AMARIN PHARMACEUTICALS IRELAND LIMITED	<b>2020277273</b>	Brilliant Light Power, Inc.
<b>2020277210</b>	Sony Corporation	<b>2020277274</b>	AMO Groningen B.V.
<b>2020277211</b>	Troy Wheeler Contracting Limited	<b>2020277275</b>	Acres Technology
<b>2020277212</b>	Nunhems B.V.	<b>2020277276</b>	Ion Beam Applications
<b>2020277213</b>	Nunhems B.V.	<b>2020277277</b>	Sungrow Power Supply Co., Ltd.
<b>2020277214</b>	Hapttech, Inc.	<b>2020277278</b>	Naurex, Inc.
<b>2020277215</b>	Sequenom, Inc.	<b>2020277279</b>	ConMed Corporation
<b>2020277216</b>	Apple Inc.	<b>2020277280</b>	MOORE, S.T.; WILDER, J.
<b>2020277217</b>	Raytheon Company	<b>2020277281</b>	Goodcart Pty Ltd
<b>2020277218</b>	369 Labs Pty Ltd	<b>2020277282</b>	Griffith Hack
<b>2020277219</b>	Wright Medical Technology, Inc.	<b>2020277283</b>	Eco Lighting Solutions, LLC; Longardner, W.; Pinyot, J.
<b>2020277220</b>	SunPower Corporation	<b>2020277284</b>	OMMIP PTY LTD
<b>2020277221</b>	Solar Energy Innovations Pty Ltd	<b>2020277285</b>	Caterpillar Inc.
<b>2020277222</b>	Pronova BioPharma Norge AS	<b>2020277287</b>	CATERPILLAR INC.
<b>2020277223</b>	Arthur Wisdom Technology Consultants Ltd.	<b>2020277288</b>	G.A WHITMORE & J.C WHITMORE; Jarvis-Branco, L.
<b>2020277224</b>	The General Hospital Corporation; The United States of America, as Represented by the Secretary, Department of Health and Human Services	<b>2020277289</b>	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
<b>2020277225</b>	Heptares Therapeutics Limited	<b>2020277290</b>	Hanmi Pharm. Co., Ltd.
<b>2020277226</b>	Rogers, G.; Honey Badger International Pty Ltd	<b>2020277291</b>	RT&C Inc.
<b>2020277227</b>	AMES Australasia Pty Ltd	<b>2020277292</b>	CATERPILLAR INC.
<b>2020277230</b>	The George Washington University, A Congressional Chartered Not-For-Profit Corporation	<b>2020277293</b>	The Regents of the University of Colorado, a body corporate
<b>2020277231</b>	Novartis AG	<b>2020277294</b>	Tasmanian Alkaloids Pty Limited
<b>2020277232</b>	Asana Biosciences, LLC	<b>2020277295</b>	Decathlon
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<b>2020277234</b>	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	<b>2020280982</b>	Heptares Therapeutics Limited
<b>2020277235</b>	iRobot Corporation	<b>2020280983</b>	SharkNinja Operating LLC
<b>2020277236</b>	Dropbox, Inc.	<b>2020280985</b>	Gardner, G.
<b>2020277237</b>	EGRS Technology Pty Ltd	<b>2020280986</b>	Schneider Electric Industries SAS
<b>2020277238</b>	Qubole, Inc.	<b>2020280987</b>	Georgia State University Research Foundation, Inc.;
<b>2020277239</b>	Manitou Italia S.r.l.		Proda Biotech LLC
<b>2020277242</b>	Cavtec Pty Ltd	<b>2020280989</b>	CFPH, LLC
<b>2020277243</b>	Wisk Aero LLC	<b>2020280990</b>	Vinda Paper (Zhejiang) Co., Ltd.
<b>2020277244</b>	CROWN EQUIPMENT CORPORATION	<b>2020280992</b>	Smiths Medical ASD, Inc.
<b>2020277245</b>	Surgical Stabilization Technologies Inc	<b>2020280993</b>	Shenzhen Hightide Biopharmaceutical, Ltd.
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<b>2020277247</b>	AMIP	<b>2020280995</b>	Huawei Technologies Co., Ltd.
<b>2020277248</b>	AME Pty Ltd	<b>2020280996</b>	Cable Television Laboratories, Inc.
<b>2020277249</b>	Regen Technologies Pty. Ltd.	<b>2020280997</b>	ANTONY, B.
<b>2020277250</b>	Angel Playing Cards Co., Ltd.	<b>2020280998</b>	BOMBARDIER TRANSPORTATION GMBH
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<b>2020277253</b>	AMADEUS S.A.S.	<b>2020281002</b>	BlackBook Media Inc.
<b>2020277254</b>	AMADEUS S.A.S.	<b>2020281003</b>	CHEN, G.P.; Advenchen Pharmaceuticals, LLC
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<b>2020277260</b>	AMO Development, LLC	<b>2020281010</b>	Applied Medical Resources Corporation
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<b>2020277266</b>	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION	<b>2020281017</b>	Diamond Products Limited
<b>2020277267</b>	The Scripps Research Institute; Northwestern University; Salomon, D.; Kurian, S.; Head, S.; Abecassis, M.; Friedewald, J.; Levitsky, J.	<b>2020281018</b>	Schneider Electric USA, Inc.
<b>2020277268</b>	Implantica Patent Ltd	<b>2020281019</b>	Fisher & Paykel Healthcare Limited
<b>2020277269</b>	Depuy Ireland Unlimited Company	<b>2020281021</b>	Prysmian S.p.A.
		<b>2020281023</b>	BISSELL, Inc.
		<b>2020281025</b>	JPI Pty Ltd
		<b>2020281026</b>	Miles, S.
		<b>2020281027</b>	The Gillette Company LLC
		<b>2020281028</b>	ASSA ABLOY Australia Pty Limited
		<b>2020281029</b>	BISSELL Inc.

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2020281030	QU Biologics Inc.	2020281117	Google LLC
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2020281045	Prismian S.p.A.		
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2020281061	The Regents of the University of California		
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2020281065	Palo Alto Research Center Incorporated		
2020281066	Snap-on Incorporated		
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2020281068	Big Belly Solar, Inc.		
2020281069	Mitobridge, Inc.; The Salk Institute for Biological Studies		
2020281070	Cherimulla Itty, T.		
2020281071	Ionis Pharmaceuticals, Inc.		
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2020281086	HALE, A.		
2020281087	Invuity, Inc.		
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2020281090	Dux Industries Limited		
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2020281106	AMO Development, LLC		
2020281107	Gen-Probe Incorporated		
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Applications listed below were processed through the Patent Office Canberra during the period ending 8 Dec 2020 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<p>., N.H. see R. S., A. (21) 2020103771</p>	<p>Ambar, R. see Khan, M.Z. (21) 2020103839</p>	<p>mugam, S.; Muzamil Basha, S.; Ignisha Rajathi, G. (21) 2020103899 (22) 04.12.2020 (54) AN INTELLIGENT ACOUSTIC SERENITY USING SELF ADJUSTABLE USER-FRIENDLY IOT EMBEDDED MICROPHONE</p>
<p>A, C.B. see R, S.K. (21) 2020103763</p>	<p>Anand, J.V. see Maheswari, B.U. (21) 2020103755</p>	<p>Balasaraswathi, M. see Maheswari, B.U. (21) 2020103755</p>
<p>A, P. see A V, S.R. (21) 2020103897</p>	<p>ANANDA MOHAN, A. see RAJU BENDI, R. (21) 2020103844</p>	<p>BANDARU, V. see RAJU BENDI, R. (21) 2020103844</p>
<p>(71) A., J.P.; B., P.; Chandriah, K.K.; N., J.; Srinivas, R.; Narayan, S.; P., S.; M., P.B.; Chakravarthula, R.N.; G., S.S.; Pothuganti, K.; T., S. (21) 2020103766 (22) 29.11.2020 (54) Methodology for Optimizing the Performance of Data Learning Convergence with Minimal Computational Steps</p>	<p>Angappan, K. see Maheswari, B.U. (21) 2020103755</p>	<p>Bansal, S. see Ch, D. (21) 2020103853</p>
<p>Abhijeet Prakash, B. see Shivtej Ravindra, D. (21) 2020103847</p>	<p>(71) Anupama, C.; Srinivas, P.; Srinivas, M.; Lakshmi, K.V.; Umamaheswari, K.; Swathi, N.; Anuradha, B. (21) 2020103799 (22) 30.11.2020 (54) A wireless networking of medical equipment's on mobile application for paperless clinic</p>	<p>Basheer, D. see R. S., A. (21) 2020103771</p>
<p>Abhijit Bhujbal, A. see Shivtej Ravindra, D. (21) 2020103847</p>	<p>Anuradha, B. see Anupama, C. (21) 2020103799</p>	<p>(71) Bazzard, R. (21) 2020103903 (22) 07.12.2020 (54) Silent roller &amp; lock off axle pin</p>
<p>(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2020103869 (22) 03.12.2020 (54) A Protective Device Used after Head Decompression Surgery</p>	<p>Arif, M. see Israr, M. (21) 2020103909</p>	<p>Behura, A. see Pratap, A. (21) 2020103756</p>
<p>AGARWAL, B. see KUMAR, R. (21) 2020103810</p>	<p>Arya, A. see Jain, S. (21) 2020103828</p>	<p>(71) Beijing Information Science &amp; Technology University (21) 2020103892 (22) 04.12.2020 (54) SENSING ELEMENT USED TO FABRICATE HIGH-FREQUENCY, WIDEBAND AND HIGH-SENSITIVITY UNDERWATER ACOUSTIC TRANSDUCER AND FABRICATION METHOD THEREOF (31) 202010119779.4 (32) 26.02.20 (33) CN</p>
<p>AHMED PARVEZ, M.F. see R, S.K. (21) 2020103763</p>	<p>(71) A V, S.R.; M, D.R.; M, R.; M, L.R.; A, P.; P, K.M.; N, K.B.; M, R.R.; M, L.R.; B, R.R. (21) 2020103897 (22) 04.12.2020 (54) An Efficient and Automated Smart Heating Bucket</p>	<p>(71) Beijing University of Technology (21) 2020103808 (22) 30.11.2020 (54) A DESIGN METHOD OF THE FAILSAFE TOPOLOGY OPTIMIZATION OF CONTINUUM STRUCTURES WITH THE FREQUENCY AND DISPLACEMENT CONSTRAINTS (31) 202010050300.6 (32) 17.01.20 (33) CN</p>
<p>(71) Akdogan, S. (21) 2020103759 (22) 29.11.2020 (54) Specbrace is a temporary bracing system. It is used to stabilise vertical structures and load bearing specifications for example Formwork walls, Columns, Permanent formwork systems, Fences, Post, Timber walls, Brickwork, Brick walls, Light weight walls, Retaining walls, Lifts cores, Trees, Partition walls, Back prop slabs, Lintels, Any type of support needed engineer approved or otherwise. (31) UNKNOWN (32) 29.11.20 (33) AU</p>	<p>B, R.R. see A V, S.R. (21) 2020103897</p>	<p>(71) BENELEC PTY. LIMITED (21) 2020103834 (22) 02.12.2020 (54) Colinear Base Station Antenna for Point to Multipoint Linking and Public Mobile Radio Applications</p>
	<p>B., P. see A., J.P. (21) 2020103766</p>	
	<p>Bajaj, V. see Ch, D. (21) 2020103853</p>	
	<p>(71) Balakrishnan, S.; Janet, J.; Ragavi, V.; Ramya, K.; Venkata Lakshmi, S.; Kavitha Rani, P.; Geetha, N.; Ram Aru-</p>	

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**Bhandary, A. see R, B.**  
(21) 2020103838

(71) BHARATH INCUBATION CENTRE  
(21) 2020103829 (22) 02.12.2020  
(54) Innovative, Compact all in one product  
– Ruler, Protractor and Compass

**Bharat Mane, P. see Pratiksha Hiralal, W.**  
(21) 2020103854

**Bhat, D. see R, B.**  
(21) 2020103838

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(21) 2020103852

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(21) 2020103765

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(21) 2020103849

**Bizhao Geotechnical Technology (Nanjing) Co., Ltd. see Southeast University**  
(21) 2020103784

(71) Bizhao Geotechnical Technology (Nanjing) Co., Ltd.; Nanjing Yanhuan new material Technology Co., Ltd.  
(21) 2020103877 (22) 03.12.2020  
(54) A device to determine gas diffusion coefficient under different contacts between GM/GCL and CCL

(71) Bose, R.; Roy, S.  
(21) 2020103851 (22) 02.12.2020  
(54) A SYSTEM AND A PROCESS FOR DIAGNOSIS OF MENTAL HEALTH CONDITION APPLYING INTELLIGENT DATA ANALYSIS

**Brar, V. see Gawande, A.**  
(21) 2020103908

(71) BUDDHA SHENG INTERNATIONAL LTD.  
(21) 2020103831 (22) 02.12.2020  
(54) COMBINATION TABLE

**Cengiz, K. see Soni, M.**  
(21) 2020103880

(71) Ch, D.; Choudhary, A.; Sharma, A.; Kumar Sinha, A.; Bansal, S.; Chandra Sharma, P.; Bajaj, V.; Sharma, S.; Raja, R.  
(21) 2020103853 (22) 02.12.2020

(54) DYNAMIC DIGITAL TWIN SYSTEM AND A METHOD OF OPERATING THEREOF

**CHAITANYA, J. see R, S.K.**  
(21) 2020103763

**Chakravarthula, R.N. see A., J.P.**  
(21) 2020103766

**Chandel, G. see Devi, K.**  
(21) 2020103845

**Chandra Sharma, P. see Ch, D.**  
(21) 2020103853

**Chandriah, K.K. see A., J.P.**  
(21) 2020103766

**Chandriah, K.K. see R. S., A.**  
(21) 2020103771

(71) Chang'an University  
(21) 2020103835 (22) 02.12.2020  
(54) Pavement crack routing machine and routing method

**Chawla, P. see Jain, S.**  
(21) 2020103828

(71) China Institute of Water Resources and Hydropower Research  
(21) 2020103783 (22) 30.11.2020  
(54) TUNNEL ADAPTIVE LINING STRUCTURE IN COMPLEX ENVIRONMENT AND CONSTRUCTION METHOD THEREOF  
(31) 202011132887.1 (32) 21.10.20 (33) CN

(71) Chinese Academy of Environmental Sciences  
(21) 2020103889 (22) 04.12.2020  
(54) SIMULATION TEST APPARATUS FOR IMPACT OF LAKE CHEMICAL SPRAYING ON PERFORMANCE OF SLUDGE AND WATER

(71) Chinese Academy of Environmental Sciences  
(21) 2020103890 (22) 04.12.2020  
(54) METHOD FOR CONSTRUCTING HIGH-DENSITY PLANTING FIXED-POINT REOXYGENATION FIXED ECOLOGICAL BED

(71) Chinese Academy of Environmental Sciences  
(21) 2020103891 (22) 04.12.2020

(54) MINIATURE SIMULATION TEST DEVICE FOR CONSTRUCTED WETLAND FEATURED WITH UNIFORM WATER COLLECTION AND DISTRIBUTION AND ACCURATE MASTERING OF INTERNAL MECHANISM

(71) Chongqing Normal University  
(21) 2020103901 (22) 04.12.2020  
(54) Image Semantic Segmentation Method Based on Deep Full Convolutional Network and Conditional Random Field

(71) Chongqing Normal University  
(21) 2020103905 (22) 04.12.2020  
(54) Unsupervised cross-domain self-adaptive medical image segmentation method based on deep adversarial learning

**Chordiya, S.B. see Devi, K.**  
(21) 2020103845

**Choudhary, A. see Ch, D.**  
(21) 2020103853

(71) Courtney Colour Graphics (Vic) Pty Ltd  
(21) 2020103817 (22) 01.12.2020  
(54) LUNCH BOX WITH SELECTIVELY INTERCHANGEABLE LAMINAR DISCS

**D.M., M. see I, I.M.P.**  
(21) 2020103825

**Dadas, A.B. see Gawande, A.**  
(21) 2020103908

(71) Dalian University  
(21) 2020103826 (22) 01.12.2020  
(54) WHALE DNA SEQUENCE OPTIMIZATION METHOD BASED ON HARMONY SEARCH (HS)

(71) Dalian University of Technology  
(21) 2020103900 (22) 04.12.2020  
(54) A structure for coupling an offshore floating wind turbine and a semi-submersible aquaculture platform  
(31) 202010345584.1 (32) 27.04.20 (33) CN

**Das, P. see Khan, M.Z.**  
(21) 2020103839

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(21) 2020103771

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(21) 2020103756

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(21) 2020103859

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(21) 2020103859 (22) 03.12.2020  
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(21) 2020103797

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(71) Gansu Animal Husbandry and Veterinary Medicine Institute  
(21) 2020103860 (22) 03.12.2020  
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(71) Guilin Univ. Electr. Technol.; YUAN, L.  
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(54) A fiber-end super-resolution nano-fluorescence microscopic illumination probe

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(54) A cellular micro-scalpel based on a fiber micro-optical hand and its preparation method

(71) Guilin University of Technology  
(21) 2020103867 (22) 03.12.2020  
(54) A constructed wetland sewage treatment simulation device in circulating inflow mode

(71) Guilin University of Technology  
(21) 2020103885 (22) 04.12.2020  
(54) Preparation method and application of Fe/Mn modified morph-genetic composite materials from Phyllostachys pubescens

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(21) 2020103796 (22) 30.11.2020  
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(21) 2020103899

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(21) 2020103824

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(21) 2020103884 (22) 04.12.2020  
(54) A soil conditioner prepared from waste materials by biological fermentation bed and its preparation method

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(54) A DETECTION KIT AND METHOD FOR HAEMOPHILUS PARASUIS

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(54) A degradable biomass slurry, a mulching film and its preparation method and application

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(21) 2020103780 (22) 30.11.2020  
(54) MULTI-FUNCTIONAL FREEZING AND THAWING COLD STORAGE DEVICE

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(71) Institute of Food Science and Technology , Chinese Academy of Agricultural Sciences  
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(71) Kumar Mishra, B.  
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(54) A Diagnosis Method of Train Body Assembly Deviation in the Manufacturing Process of High-Speed Train

(71) Li, Z.  
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(54) A Method for Allocating Assembly Tolerance of car body considering the Influence of Welding Deformation

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**Mehar Ganesh, K. see Devi, K.**  
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(71) Qilu University of Technology  
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(54) METHOD FOR PREPARING LIGHT-COATED PAPER WITH HIGH BULKINESS

(71) Qingdao Agricultural University  
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(54) A Kind of Virus Detection Device

(71) Qingdao University; Junada (Qingdao) Technology Co., Ltd.  
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(54) A Bipolar Electrospinning System and Method

(71) Qingdao University; Junada (Qingdao) Technology Co., Ltd.  
(21) 2020103787 (22) 30.11.2020  
(54) SiO<sub>2</sub>/PVDF-HFP Composite Fiber Membrane and Its Preparation Method and Application

(71) Qingdao University; Junada (Qingdao) Technology Co., Ltd.  
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(54) A SMART METHODOLOGY TO TRACK THE SPREAD OF PANDEMIC AND SANITIZING AT REGULAR INTERVALS

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(54) Fabrication of Novel Cylindrical Thermosyphon for Effective Heat Transfer and its Performance Analysis Using Machine Learning Approach

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(71) Research Institute of Resources Insects, Chinese Academy of Forestry  
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(54) An IoT based Health Care System to find Medical Emergency and Initiate Expert Care

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(71) Satyanarayana, S.; SubbaRao, M.; Sudarsan, M.; Jayavani, L.; Reddy, D.C.; Purushotham, G.R.; Murthy, G.V.K.; Kumar, M.R.; Ponnada, G.N.; Vinnakoti, S.  
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(54) A CHROMIUM RICH BLACK RICE ANTHOCYANIN EFFERVESCENT AGENT AND ITS PREPARATION METHOD

**Shaik, M. see Mallick, P.**  
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(71) Shanghai Ocean University

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**Shankar Rao, Y. see Kumar Mishra, B.**  
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(54) A YIELD-AND-QUALITY IMPROVEMENT METHOD FOR EXISTING OLD APPLE ORCHARDS

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(71) Sichuan Agricultural University  
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(71) South China Sea Fisheries Research  
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(71) WANG, R.  
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<b>2020103754</b>	zhou, I.	<b>2020103805</b>	Shandong University of Traditional Chinese Medicine
<b>2020103755</b>	Maheswari, B.U.; Periyazhagar, D.; Anand, J.V.; Saravanan, T.; Angappan, K.; Balasaraswathi, M.; Sudha, G.; Karunkuzhali, D.; Velvizhi, V.A.; Jeyapiriya, K.	<b>2020103806</b>	Shaanxi University of Technology
<b>2020103756</b>	Pratap, A.; Sharma, S.; K, S.; Devi, G.R.; Nandal, R.; Nalinipriya, G.; Reddy, V.L.; Kumar, R.; Rao, B.G.; Behura, A.	<b>2020103807</b>	Taiyuan University of Technology
<b>2020103757</b>	Taiwan Innovative Space, Inc.	<b>2020103808</b>	Beijing University of Technology
<b>2020103758</b>	Taiwan Innovative Space, Inc.	<b>2020103809</b>	Moma Products Pty Ltd
<b>2020103759</b>	Akdogan, S.	<b>2020103810</b>	KUMAR, R.; GOEL, S.C.; AGARWAL, B.; HARJULE, P.; KANUNGO, S.
<b>2020103761</b>	Satyanaarayana, S.; SubbaRao, M.; Sudarsan, M.; Jayavani, L.; Reddy, D.C.; Purushotham, G.R.; Murthy, G.V.K.; Kumar, M.R.; Ponnada, G.N.; Vinnakoti, S.	<b>2020103811</b>	Wang, J.
<b>2020103762</b>	Pure Psychology Services Pty Ltd	<b>2020103812</b>	Plant Protection Institute, Guangxi Academy of Agricultural Sciences
<b>2020103763</b>	R, S.K.; R, R.S.; SUNGHEETHA, A.; S, C.; G, K.; A, C.B.; AHMED PARVEZ, M.F.; S, S.; CHAITANYA, J.	<b>2020103813</b>	Institute of Soil, Fertilizer, Resources and Environment, Jiangxi Academy of Agricultural Sciences
<b>2020103765</b>	Mallick, P.; Bhoi, A.K.; Pradhan, R.; Mishra, S.; Tripathy, H.K.; Panigrahi, R.; Parvathaneni, N.S.; Priyadarshi, N.; Shaik, M.; MOHAMMED, A.	<b>2020103814</b>	Qingdao Agricultural University
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<b>2020103768</b>	Poh, C.; Poh, C.	<b>2020103816</b>	Mann, A.
<b>2020103771</b>	R, S., A.; David, S.; K., M.S.; K., S.; G., R.; Chandriah, K.K.; T., S.; M., S.; N., N.H.; Basheer, D.; S, S.	<b>2020103817</b>	Courtney Colour Graphics (Vic) Pty Ltd
<b>2020103778</b>	Zhongkai University of Agriculture and Engineering	<b>2020103818</b>	Sichuan Agricultural University
<b>2020103779</b>	North Minzu University; Ningxia Medical University	<b>2020103819</b>	Sichuan Agricultural University
<b>2020103780</b>	Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences; Xinjiang Taikun Group Co., Ltd	<b>2020103820</b>	Gomez Gane, D.
<b>2020103781</b>	Research Institute of Resources Insects, Chinese Academy of Forestry	<b>2020103821</b>	Hebei University of Science and Technology
<b>2020103782</b>	North Minzu University; Ningxia Medical University	<b>2020103822</b>	Sichuan Animal Science Academy
<b>2020103783</b>	China Institute of Water Resources and Hydropower Research	<b>2020103823</b>	Sichuan Animal Science Academy
<b>2020103784</b>	Southeast University; Bizhao Geotechnical Technology (Nanjing) Co., Ltd.	<b>2020103824</b>	Nanjing Agricultural University; Institute Of Agricultural Products Processing, Sichuan Academy Of Agricultural Sciences; Suzhou Yirun Food Technology Co., Ltd.
<b>2020103785</b>	North Minzu University; Ningxia Medical University	<b>2020103825</b>	I, I.M.P.; R, S.; T., L.; T., M.; N.R., S.; T., M.; M., K.; D.M., M.; M., K.; S, A.; S., K.; V, B.
<b>2020103786</b>	Qingdao University; Junada (Qingdao) Technology Co., Ltd.	<b>2020103826</b>	Dalian University
<b>2020103787</b>	Qingdao University; Junada (Qingdao) Technology Co., Ltd.	<b>2020103827</b>	Nijhawan, P.; Singh, P.; Sandhu, A.; Dhingra, A.; Kansal, S.
<b>2020103788</b>	Qingdao University; Junada (Qingdao) Technology Co., Ltd.	<b>2020103828</b>	Jain, S.; R. D., S.; Megavath, B.N.; Suresh, S.; Kumar, Y.; Chawla, P.; Sathyanathan, P.; Rani, M.G.; Warudkar, V.; Arya, A.
<b>2020103789</b>	Hu, P.; Zheng, I.	<b>2020103829</b>	BHARATH INCUBATION CENTRE
<b>2020103790</b>	Loughton, B.	<b>2020103830</b>	Quantum Engineering oy ltd
<b>2020103791</b>	Henan Polytechnic University	<b>2020103831</b>	BUDDHA SHENG INTERNATIONAL LTD.
<b>2020103792</b>	Institute of Food Science and Technology , Chinese Academy of Agricultural Sciences	<b>2020103832</b>	Northeast Agricultural University
<b>2020103793</b>	Linyi University; Linyi Hengyuan Intelligent Technology Co., LTD	<b>2020103833</b>	Yancheng Institute Of Technology
<b>2020103794</b>	OZDOCS INTERNATIONAL PTY LTD	<b>2020103834</b>	BENELEC PTY. LIMITED
<b>2020103795</b>	Sichuan University	<b>2020103835</b>	Chang'an University
<b>2020103796</b>	Harbin Welding Institute Limited Company	<b>2020103836</b>	Guilin Univ. Electr. Technol.; YUAN, L.
<b>2020103797</b>	Munde, S.; FAROOQUI, M.M.; WASE, K.A.; HAFIZ, S.I.F.A.; MOHIUDDIN, M.Z.; Hanif, S.Y.; Malik, K.A.; Ramdas, Z.K.	<b>2020103837</b>	Guilin Univ. Electr. Technol.; YUAN, L.
<b>2020103798</b>	LG Electronics Inc.	<b>2020103838</b>	R, B.; K B, S.; Martis, J.E.; M S, S.; Bhandary, A.; Bhat, D.; S, S.; S, S.; Saurabh, N.
<b>2020103799</b>	Anupama, C.; Srinivas, P.; Srinivas, M.; Lakshmi, K.V.; Umamaheswari, K.; Swathi, N.; Anuradha, B.	<b>2020103839</b>	Khan, M.Z.; Shukla, R.S.; Reshi, A.A.; Wahab, M.H.A.; Ambar, R.; Israr, M.; Das, P.; Rajesh, L.; Sagayam, K.M.; Jamader, A.R.
<b>2020103800</b>	LG Electronics Inc.	<b>2020103840</b>	Milsom, B.
<b>2020103801</b>	Shandong University of Traditional Chinese Medicine; Shandong Hongjitang Pharmaceutical Group Co. LTD; Huanggang Normal College	<b>2020103841</b>	Kumar Mishra, B.; Kumar Keshri, A.; Shankar Rao, Y.; Kumar Saini, D.; Kumar Mishra, B.
<b>2020103802</b>	LG Electronics Inc.	<b>2020103842</b>	Kumar Mishra, B.
		<b>2020103843</b>	XiAn Bohui Electronic Technology Co., Ltd
		<b>2020103844</b>	RAJU BENDI, R.; MALLA, R.; NAIDU TULUGU, G.; SEETHARAM, P.; PADMA SUHASINI, K.; SANTHEE DEVI KARRI, V.; BANDARU, V.; ANANDA MOHAN, A.; PUDI, M.; GOUTHAMSRI, S.
		<b>2020103845</b>	Devi, K.; Mehar Ganesh, K.; Lakshmi, A.S.; Murugan, P.; Chandel, G.; PRATHEEP, V.G.; Garg, S.; Kumar Yadav, R.; Venkata Suman, J.; Chordiya, S.B.
		<b>2020103846</b>	South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Sanya Tropical Fisheries Research Institute
		<b>2020103847</b>	Shivtej Ravindra, D.; Omkar Somanath, N.; Abhijeet Prakash, B.; Yogesh Mohanrao, N.; Abhijit Bhujbal, A.; Kumar Sarkar, B.

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<b>2020103848</b>	Sichuan Agricultural University	<b>2020103880</b>	Soni, M.; Hussain, N.; Patel, N.; Singholi, A.K.; Mehta, K.P.; Cengiz, K.; Subramanian, S.; Dhiman, G.; Saxena, D.; Kulkarni, V.
<b>2020103849</b>	Kishore, V.V.; R C, S.; Bhong, G.L.; Kumar, S.; Kalhotra, S.K.; Zuhair, M.; Kumar Misra, N.; Pathak, N.; Kumar Bhoi, B.; Jain, V.	<b>2020103881</b>	Li, Z.
<b>2020103850</b>	Sichuan Agricultural University	<b>2020103882</b>	Li, Z.
<b>2020103851</b>	Bose, R.; Roy, S.	<b>2020103883</b>	Sichuan Agricultural University
<b>2020103852</b>	Raja, R.; Mahmood, M.R.; Kumar, S.; Rani, S.; Bhatnagar, P.; RASVEEN; Kumar, M.; Nagaraju, R.; Mishra, M.; Raja, H.	<b>2020103884</b>	Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences; Shouguang Aokang Biological Product Limited Liability Company
<b>2020103853</b>	Ch, D.; Choudhary, A.; Sharma, A.; Kumar Sinha, A.; Bansal, S.; Chandra Sharma, P.; Bajaj, V.; Sharma, S.; Raja, R.	<b>2020103885</b>	Guilin University of Technology
<b>2020103854</b>	Pratiksha Hiralal, W.; Phugate, B.A.; Bharat Mane, P.; Dilip Borole, Y.	<b>2020103886</b>	Nanjing Forestry University
<b>2020103855</b>	Sichuan Agricultural University	<b>2020103888</b>	WANG, R.
<b>2020103856</b>	Sichuan Agricultural University	<b>2020103889</b>	Chinese Academy of Environmental Sciences
<b>2020103857</b>	Harbin Institute of Technology	<b>2020103890</b>	Chinese Academy of Environmental Sciences
<b>2020103858</b>	Institute of Biology, Gansu Academy of Sciences,, China	<b>2020103891</b>	Chinese Academy of Environmental Sciences
<b>2020103859</b>	Fares, N.; Fares, G.	<b>2020103892</b>	Beijing Information Science & Technology University
<b>2020103860</b>	Gansu Animal Husbandry and Veterinary Medicine Institute	<b>2020103893</b>	Institute of Food Science and Technology, Chinese Academy of Agricultural Sciences
<b>2020103861</b>	Sichuan Agricultural University	<b>2020103894</b>	Guangdong University of Technology
<b>2020103862</b>	Sichuan Agricultural University	<b>2020103895</b>	Xuzhou College of Industrial Technology; Jiangsu Huaxin New Material Co.,Ltd.
<b>2020103864</b>	Xuzhou University of Technology	<b>2020103896</b>	Institute of Animal Science and Veterinary Medicine, Shandong Academy of Agricultural Sciences
<b>2020103865</b>	GUILIN THD TECHNOLOGY CO. LTD	<b>2020103897</b>	A V, S.R.; M, D.R.; M, R.; M, L.R.; A, P.; P, K.M.; N, K.B.; M, R.R.; M, L.R.; B, R.R.
<b>2020103866</b>	Pearl River Fisheries Research Institute, Chinese Academy of Fishery Sciences	<b>2020103898</b>	Hexi University
<b>2020103867</b>	Guilin University of Technology	<b>2020103899</b>	Balakrishnan, S.; Janet, J.; Ragavi, V.; Ramya, K.; Venkata Lakshmi, S.; Kavitha Rani, P.; Geetha, N.; Ram Arumugam, S.; Muzamil Basha, S.; Ignisha Rajathi, G.
<b>2020103868</b>	Gansu Agricultural University	<b>2020103900</b>	Dalian University of Technology
<b>2020103869</b>	Affiliated Hospital of YouJiang Medical University for Nationalities	<b>2020103901</b>	Chongqing Normal University
<b>2020103870</b>	Promat Australia Pty Ltd	<b>2020103902</b>	Nanjing Technology University
<b>2020103871</b>	Shanghai Ocean University	<b>2020103903</b>	Bazzard, R.
<b>2020103872</b>	Qilu University of Technology	<b>2020103904</b>	VAN NIEKERK, J.W.
<b>2020103873</b>	Shanxi Agricultural University	<b>2020103905</b>	Chongqing Normal University
<b>2020103874</b>	Fletcher, S.; Fletcher, S.D.R.	<b>2020103906</b>	Wenzhou Hongfeng Electrical Alloy Co., Ltd.
<b>2020103875</b>	Tyrex Solutions Pty Ltd	<b>2020103908</b>	Gawande, A.; Kumar, A.; Wadajkar, V.; Brar, V.; Dadas, A.B.; Walke, S.G.; Shethia, M.; Pawar, P.V.; Ray, R.; Gupta, D.
<b>2020103876</b>	zhou, I.	<b>2020103909</b>	Israr, M.; Erfani, H.; Rahmani, M.S.; Arif, M.; Huda, M.; Reshi, A.A.
<b>2020103877</b>	Bizhao Geotechnical Technology (Nanjing) Co., Ltd.; Nanjing Yanhuan new material Technology Co., Ltd.	<b>2020103910</b>	S., G.; Kondaveeti, H.K.; Jubilson, A.; S, K.
<b>2020103878</b>	Macau University of Science and Technology	<b>2020103915</b>	WANG, R.
<b>2020103879</b>	Li, Z.		



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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

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 2017100640 ( 22E ) 2017101819 ( 22E ) 2017200352 ( 14 )  
 2017202259 ( 14 ) 2017203122 ( 1B ) 2017203292 ( 1B )  
 2017203494 ( 1B ) 2017204090 ( 1B ) 2017228537 ( 14 )  
 2017248062 ( 5C ) 2017269657 ( 1B ) 2017269884 ( 1B )

2017270904 ( 1B )    2017271145 ( 1B )    2017271386 ( 1B )  
 2017272045 ( 1B )    2017272360 ( 1B )    2017273720 ( 1B )  
 2017274088 ( 1B )    2017274563 ( 1B )    2017275480 ( 1B )  
 2017275825 ( 1B )    2017276802 ( 1B )    2017276812 ( 1B )  
 2017279536 ( 1B )    2017282075 ( 1B )    2017283003 ( 1B )  
 2017285025 ( 5C )    2017285479 ( 1B )    2017291814 ( 1B )  
 2017292843 ( 1B )    2017293644 ( 1B )    2017293994 ( 1B )  
 2017295842 ( 1B )    2017295984 ( 1B )    2017296402 ( 1B )  
 2017300259 ( 1B )    2017312407 ( 1B )    2017315024 ( 5C )  
 2017319582 ( 5C )    2017334610 ( 5C )    2017351747 ( 1B )  
 2017353918 ( 1B )    2017357256 ( 5C )    2017360358 ( 5C )  
 2017385026 ( 5C )    2017387655 ( 5C )    2017408099 ( 1B )

**2018**

2018100708 ( 22E )    2018100709 ( 22E )    2018100713 ( 22E )  
 2018100714 ( 22E )    2018100716 ( 22E )    2018100723 ( 22E )  
 2018102125 ( 22E )    2018200363 ( 14 )    2018201556 ( 14 )  
 2018203211 ( 4C )    2018203842 ( 25D )    2018213593 ( 5C )  
 2018214012 ( 5C )    2018219990 ( 4C )    2018222952 ( 4C )  
 2018223060 ( 5C )    2018223349 ( 5C )    2018236724 ( 5C )  
 2018247337 ( 4C )    2018247768 ( 1B )    2018250554 ( 1B )  
 2018253642 ( 5C )    2018256487 ( 5C )    2018256672 ( 5C )  
 2018267662 ( 5C )    2018267681 ( 4C )    2018271413 ( 5C )  
 2018274876 ( 5C )    2018274957 ( 5C )    2018279056 ( 5C )

**2019**

2019200032 ( 5C )    2019200348 ( 4C )    2019200520 ( 5C )  
 2019200668 ( 5C )    2019200940 ( 5C )    2019200988 ( 5C )  
 2019201470 ( 5C )    2019202256 ( 5C )    2019202388 ( 5C )  
 2019202473 ( 5C )    2019203438 ( 5C )    2019203788 ( 5C )  
 2019204129 ( 4C )    2019204223 ( 5C )    2019204688 ( 4A )  
 2019208219 ( 5C )    2019216729 ( 5C )    2019236733 ( 5C )  
 2019257393 ( 4C )    2019257427 ( 5C )    2019261682 ( 12CN )  
 2019904708 ( 12AN )    2019904809 ( 12AN )    2019904847 ( 12AN )  
 2019904860 ( 12AN )

**2020**

2020102447 ( 18AN )    2020102494 ( 18AN )    2020200519 ( 4C )  
 2020202627 ( 4B )    2020230245 ( 7AN )    2020233783 ( 1B )  
 2020280986 ( 12AN )

**Assignments before Grant, Section 113**

**2016**

2016204393 Masterman, Donna; Chin, Peter S.; Libonati, Michele; Leppert, David; Zhang, Jiameng; Pfefen, Jean-Paul; Weisskopf, Algirdas Jonas Kakarieka; Smith, Craig; Li-Kwai-Cheung, Anne-Marie; Garren, Hideki The application has been assigned to **Genentech, Inc.**

2016263512 Lodestar Systems Limited The application has been assigned to **Sunstone IP Systems Limited**

2016302398 Ecological Horizons Pty Ltd The application has been assigned to **Thylation R&D Pty Ltd**

2016306486 Cestero, Ramon F.; Long, Justin Alexander The application has been assigned to **The Board of Regents of The University of Texas System**

2016346303 E. I. du Pont de Nemours and Company The application has been assigned to **FMC Corporation**

2016396182 OLSON, David; Universite de Montreal; Chu Sainte-Justine; The University of Adelaide The application has been assigned to **Valorisation HSJ, Limited Partnership**

**Assignments before Grant, Section 113**

**2017**

2017245888 TopiVert Pharma Limited The application has been assigned to **Oxular Acquisitions Limited**

2017254853 Hazrem Soil Pty Ltd The application has been assigned to **Korex Pty Ltd**

2017305067 Life Science Institute, Inc. The application has been assigned to **Hiroshi Yabuki; Yoshinori Okada; Mari Dezawa**

2017362491 Foust, Kevin; Nationwide Children's Hospital Inc. The application has been assigned to **Ohio State Innovation Foundation; Nationwide Children's Hospital Inc.**

2017376839 The University of Sydney The application has been assigned to **IBMC (Instituto de Biologia Molecular e Celular); Heart Research Institute; The University of Sydney**

**2018**

2018266248 Encycle Therapeutics, Inc. The application has been assigned to **Zealand Pharma A/S**

2018278311 Quentis Therapeutics, Inc. The application has been assigned to **CORNELL UNIVERSITY**

2018311637 Israel Aerospace Industries Ltd. The application has been assigned to **ELTA Systems Ltd.**

2018315227 Coopervision International Holding Company, LP The application has been assigned to **CooperVision International Limited**

2018356945 Coopervision International Holding Company, LP The application has been assigned to **CooperVision International Limited**

2018359019 Stenos, John; Graves, Stephen; Toman, Rudolf; Graves, Moira; The Crown in right of the State of New South Wales acting through the Department of Primary Industries as an office of the Department of Industry; Carbis, Rodney The application has been assigned to **OZQ Pty Ltd**

2018397717 AHR Energy SpA The application has been assigned to **Energy Innovation Systems Limited**

**2019**

2019203859 Alibaba Group Holding Limited The application has been assigned to **Advanced New Technologies Co., Ltd.**

2019253958 Electriq-Global Energy Solutions Ltd.; Nevo-Michrowski, Guy; Zilberman, Alexander; Ginzburg, Denis The application has been assigned to **Electriq-Global Energy Solutions Ltd.**

2019253959 Electriq-Global Energy Solutions Ltd.; Futerman, Roman; Zilberman, Alexander; Nevo-Michrowski, Guy The application has been assigned to **Electriq-Global Energy Solutions Ltd.**

2019265318 DREW, Jason; ZHUANG, Min; SVENSRUD, Christopher The application has been assigned to **Cocam International Enterprises Ltd.**

**Assignments before Grant, Section 113**

2019273038 **DUCHARME, Dustin** The application has been assigned to **Ortho Solutions Inc.**

2019298815 **Electriq-Global Energy Solutions Ltd.; Nevo-Michrowski, Guy; Futerman, Roman** The application has been assigned to **Electriq-Global Energy Solutions Ltd.**

**2020**

2020902928 **Miami Pools Manufacturing Pty Ltd** The application has been assigned to **Salter, Tom**

2020903350 **Finch, Gerard** The application has been assigned to **X-Frame Holdings Pty Ltd**

2020903907 **Bryant, Gareth** The application has been assigned to **Ganbry Innovations Pty Ltd**

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

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

**2002**

2002242463 **The Department of Sustainability and Environment for and on Behalf of the Crown in Right of the State of Victoria** An application to extend the time from 20 Mar 2020 to 20 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2002244502 **The Department of Sustainability and Environment for and on Behalf of the Crown in Right of the State of Victoria** An application to extend the time from 20 Mar 2020 to 20 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2004**

2004230889 **Pharmacyclics LLC** An application to extend the time from 06 Apr 2020 to 06 Jan 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2005**

2005228903 **Textured Coatings of America, Inc** An application to extend the time from 28 Mar 2020 to 28 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2006**

2006201819 **F F Seeley Nominees Pty Ltd** An application to extend the time from 02 May 2020 to 02 Dec 2020 in which to pay a renewal fee has been filed . Address for service - SEELEY INTERNATIONAL PTY. LTD. 112 O'Sullivan Beach RD Lonsdale SA 5160 AU

**2007**

2007203063 **The Department of Sustainability and Environment for and on Behalf of the Crown in Right of the State of Victoria** An application to extend the time from 20 Mar 2020 to 20 Oct 2020 in which to

**Extensions of Time, Section 223**

pay the renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2008**

2008216683 **THE UAB RESEARCH FOUNDATION** An application to extend the time from 15 Feb 2020 to 15 Sep 2020 in which to pay a renewal fee has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

**2012**

2012222738 **Livzon MabPharm Inc.** An application to extend the time from 13 Feb 2020 to 13 Dec 2020 in which to pay a renewal fee has been filed . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

**2014**

2014242041 **Aquinox Pharmaceuticals (Canada) Inc.** An application to extend the time from 27 Feb 2020 to 27 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016275548 **Hairy Turtle Pty Ltd** An application to extend the time from 18 Aug 2019 to 18 Dec 2019 in which to request examination has been filed . Address for service - McCarthy Durie Lawyers 239 George St Brisbane QLD 4000 AU

2016343320 **Hohai University** An application to extend the time from 06 Jan 2020 to 06 Dec 2020 in which to pay the renewal fee has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2017**

2017200610 **Dehlsen Associates, LLC** An application to extend the time from 17 Mar 2020 to 17 Oct 2020 in which to pay the renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2018**

2018100509 **Guangdong Toplux china Cabinet Co., Ltd** An application to extend the time from 19 Apr 2020 to 19 Nov 2020 in which to pay the renewal fee has been filed . Address for service - Bryan Liang L 33 ANZ Centre 23-29 Albert St Auckland 1010 NZ

2018286589 **CyMedica, Inc.** An application to extend the time from 14 Mar 2020 to 14 Oct 2020 in which to pay the continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019219834 **BioSpecifics Technologies Corporation; Duke University** An application to extend the time from 14 Mar 2020 to 14 Oct 2020 in which to pay the continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019222848 **Syros Pharmaceuticals, Inc.** An application to extend the time from 03 Apr 2020 to 03 Nov 2020 in which to pay the continuation fee has been filed . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

**Extensions of Time, Section 223****2020**

2020201836 **A60N Group Pty Ltd** An application to extend the time from 16 May 2020 to 16 Nov 2020 in which to comply with a direction under Reg 3.2A has been filed . Address for service - Daniel Bryan Taylor 4 Bywood Way Lynwood WA 6147 AU

**Applications Allowed - Section 223(2)****2010**

2010204426 **Australian Wool Testing Authority Limited** The time in which to pay a renewal fee has been extended to 06 Aug 2020 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

**2011**

2011363948 **MAK Engineering Projects Pty Limited** The time in which to pay the renewal fee has been extended to 25 Oct 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

**2015**

2015376066 **Parmar, N.** The time in which to gain acceptance has been extended to 12 Mar 2021 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2015382274 **Vianini Industria S.p.a.** The time in which to enter the National Phase has been extended to 10 Jun 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016228147 **Alternative Extracts Inc.** The time in which to gain acceptance has been extended to 30 Apr 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016292948 **You, N.** The time in which to request examination has been extended to 14 Mar 2021 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

2016293379 **Rightplacement Pty Ltd** The time in which to request examination has been extended to 14 Dec 2020 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

**2017**

2017203369 **Howmedica Osteonics Corp.** The time in which to request examination has been extended to 22 Dec 2020 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2017219063 **Kala Pharmaceuticals, Inc.** The time in which to pay the acceptance fee has been extended to 30 Sep 2020 . Address for service - K&L Gates South Tower L 25 525 Collins St Melbourne VIC 3000 AU

2017260192 **Watson, R.D.; Watson, J.R.** The time in which to request examination has been extended to 15 Dec 2020 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**Extensions of Time, Section 223**

2017304230 **Cardex Group Pty Ltd** The time in which to request examination has been extended to 07 Mar 2021 . Address for service - Krouzer IP PO Box 7980 BAULKHAM HILLS BC NSW 2153 AU

**2018**

2018203925 **DIGITAL (ID)ENTITY LIMITED** The time in which to gain acceptance has been extended to 11 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018206793 **DEKA Products Limited Partnership** The time in which to pay a continuation fee has been extended to 21 Jul 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018211276 **Ainsworth Game Technology Limited** The time in which to gain acceptance has been extended to 04 Mar 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2018264154 **Form Jig Pty Ltd** The time in which to gain acceptance has been extended to 06 May 2021 . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

2018282398 **Quatius Technology (China) Limited** The time in which to gain acceptance has been extended to 10 Mar 2021 . Address for service - Madderns Pty Ltd Level 4, 19 Gouger Street Adelaide SA 5000 AU

2018286615 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The time in which to gain acceptance has been extended to 13 Mar 2021 . Address for service - IP& Pty Ltd PO BOX 6061 PYMBLE NSW 2073 AU

**2019**

2019200964 **Minelab Electronics Pty. Limited** The time in which to gain acceptance has been extended to 03 Apr 2021 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2019201443 **Acoustic Zoom, Inc.** The time in which to gain acceptance has been extended to 09 Mar 2021 . Address for service - AUSTRALASIA IP PTY LTD PO Box 7345 Brighton VIC 3186 AU

2019212640 **Khoury, J.** The time in which to comply with a direction under Reg 3.2C has been extended to 01 Dec 2020 . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson Street Melbourne VIC 3000 AU

2019214975 **INOLEX INVESTMENT CORPORATION** The time in which to enter the national phase has been extended to 30 Oct 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019240725 **Nguyen, D.** The time in which to pay the acceptance fee has been extended to 27 Dec 2020 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2019902104 **Scarrott, M.** The time in which to associate with a complete application has been extended to 18 Mar 2021 . Address for service - Michael Jason Scarrott 18 Tulama Rd Umina Beach NSW 2257 AU

**Extensions of Time, Section 223****2020**

2020100599 **Notley, B.** The time in which to gain certification has been extended to 12 Mar 2021 . Address for service - Benjamin Lloyd Notley 12 Goolagong PI Menai NSW 2234 AU

2020102337 **Medlab IP Pty Ltd** The time in which to associate with a complete application has been extended to 13 Oct 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2020203124 **Zhang, D.** The time in which to comply with a direction under Reg 3.2A has been extended to 15 Sep 2020 . Address for service - Daming Zhang School of Electrical Engineering & Tele. University of New South Wales Kensington NSW 2052 AU

2020260420 **Buffalo Filter LLC** The time in which to make a further application for a divisional patent has been extended to 23 Nov 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020267187 **Millennium Pharmaceuticals, Inc.** The time in which to make a further application for a divisional patent extended to 23 Nov 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments****Applications for Amendment**

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

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

**2008**

2008274042 Chitosan carboxyalkylamide hydrogel, preparation thereof and cosmetic and dermatological use thereof **ASIUS, B. ; LAUGIER, E.** The nature of the amendment is: To amend the applicants to add co-applicant Gian LANOIR; and remove co-applicants Elisabeth LAUGIER and Benedicte ASIUS . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2015**

2015358566 Novel regimens of tafenoquine for prevention of malaria in malaria-naive subjects **60 Degrees Pharmaceuticals, LLC ; Smith, B.L. ; Jones, J.P. ; Schmuklarsky, M. ; Budda, B.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015386680 Stimulation device having an extension **Novoluto GmbH** The nature of the amendment is: Request to convert to a patent of addition to Patent No. 2014323661. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016277740 A PHOTOVOLTAIC ELEMENT WITH AN INCLUDED RESONATOR **VYSOKE UCENI TECHNICKE V BRNE** The nature of the amendment is: Amend the priority details to read 15/367,407 02

**Amendments**

Dec 2016 US . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2016277740 A PHOTOVOLTAIC ELEMENT WITH AN INCLUDED RESONATOR **VYSOKE UCENI TECHNICKE V BRNE** The nature of the amendment is: Amend the priority details to remove divisional 2011357294 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2016279758 Process for the preparation of sodium cyanide **CyPlus GmbH** The nature of the amendment is: Amend the name of the inventor to read Henkel, Jens; Rassbach, Jürgen; Trenkmann, Klaus; Jafeld, Markus and Glöckler, Bernd . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016379097 RSV F protein mutants **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Dec 2020 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2016387413 Heat shrink covering of built structures and method **System Stormseal Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2020 . Address for service - Walington-Dummer Se 1005 37 Bligh St Sydney NSW 2000 AU

**2017**

2017209835 Biodegradable polyester capsules comprising an aqueous core and a pesticide **BASF SE** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017234645 Sealing arrangement for adjustable elements of a pump **Weir Slurry Group, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2017267771 Wear-resistant part and manufacturing method for same **Komatsu Ltd.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2020 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017280488 Method for heating a concentrate in a system for spray drying and system for carrying out the method **GEA TDS GmbH** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2020 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2017299238 Diagnostic assistance program **PARAMEVIA PTE. LTD.** The nature of the amendment is as shown in the statement(s) filed 02 Dec 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

**2018**

2018102073 Blind-Type Curtain **Kilmallock (ACT) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2020 . Address for service - MEYER WEST IP PTY LTD PO Box 6251 Baulkham Hills NSW 2153 AU

2018202116 Wearable automatic injection device for controlled delivery of therapeutic agents **AbbVie Biotechnology Ltd** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2020 . Ad-

**Amendments**

dress for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2018238165 Antibody binding specifically to MUC1 and use thereof **Peptron, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2020 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2018251624 Cold-water-dispersible chemical delivery system **Pharmako Biotechnologies Pty Limited** The nature of the amendment is: Amend the name of the inventor to read Kokkinis, George and Bala, Vaskor . Address for service - LEGALVISION ILP PTY. LTD. 100 Harris Street Pyrmont Sydney NSW 2009 AU

2018296739 Method, system and use, of controlling working range of a pump bellows **RSM Imagineering AS** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2020 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018396402 Nitrogen-containing 6-membered cyclic compound **Asahi Kasei Pharma Corporation** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2019**

2019201131 MENINGOCOCCUS VACCINES **GlaxoSmithKline Biologicals s.a.** The nature of the amendment is as shown in the statement(s) filed 08 Dec 2020 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019201997 Biaryl compounds useful for the treatment of human diseases in oncology, neurology and immunology **Biogen MA Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2020**

2020101347 A WASTE HEAT RECOVERY SYSTEM **Volt Power Limited** The nature of the amendment is: Amend patentee name to Volt Power Group Limited . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**Amendments Made****2009**

2009245888 **Miles, S.** The nature of the amendment is as shown in the statement(s) filed 24 Aug 2020

**2013**

2013304949 **Novartis AG** The nature of the amendment is as shown in the statement filed 27 Jul 2020

**2014**

2014235571 **Dow AgroSciences LLC** The nature of the amendment is as shown in the statement filed 10 Aug 2020

**Amendments****2015**

2015202439 **Ionian Technologies, Inc.** The nature of the amendment is as shown in the statement filed 17 Jun 2020

2015229222 **Baxalta Incorporated; Baxalta GmbH** The nature of the amendment is as shown in the statement filed 07 Sep 2020

2015310662 **C4X Discovery Limited** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2020

2015328703 **Chevron U.S.A. Inc.** The nature of the amendment is: Application is to proceed under the number 2015101990

2015371247 **Nuvasive Specialized Orthopedics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Quach, Ricky Trieu; Chang, Arvin; Arena, Alan J.; Beckett, Adam G. and Dahl, Mark T.

**2016**

2016231515 **Equilume Limited** The nature of the amendment is as shown in the statement filed 07 Aug 2020

2016231797 **Rokeha Ltd.** The nature of the amendment is as shown in the statement filed 02 Sep 2020

2016258952 **Pieris Pharmaceuticals GmbH** The nature of the amendment is as shown in the statement filed 04 Sep 2020

2016279560 **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is as shown in the statement filed 01 Sep 2020

2016290448 **Novartis AG** The nature of the amendment is as shown in the statements filed 07 Aug 2020 and 17 Sep 2020

2016307049 **Henkel AG & Co. KGaA** The nature of the amendment is: Application is to proceed under the number 2016102453

**2017**

2017206382 **Kangpu Biopharmaceuticals, Ltd** The nature of the amendment is as shown in the statement filed 07 Sep 2020

2017286749 **Orofino Pharmaceuticals Group Srl** The nature of the amendment is: Amend the invention title to read Prefilled injection device with triple chamber

2017302032 **Flowserve Management Company** The nature of the amendment is as shown in the statement filed 31 Aug 2020

2017315783 **Prilenia Neurotherapeutics Ltd** The nature of the amendment is as shown in the statement filed 27 Aug 2020

2017361102 **Hagleitner, H.G.** The nature of the amendment is as shown in the statement filed 01 Sep 2020

**2018**

2018218498 **Glory Ltd.** The nature of the amendment is as shown in the statement filed 26 Aug 2020

**Amendments**

2018243687 **Aerie Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 07 Sep 2020

2018254275 **Thavamani Pandi, V.; Jeyanthi Rani, T.** The nature of the amendment is as shown in the statement filed 16 Jul 2020

2018259336 **Mitsubishi Heavy Industries Thermal Systems, Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102198

2018286594 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2018102199

2018291370 **Patuga LLC** The nature of the amendment is as shown in the statement filed 08 Sep 2020

2018432418 **TTi (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2018102200

**2019**

2019100959 **Intex Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 26 Nov 2020

2019101214 **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2020

2019200662 **Stryker Corporation** The nature of the amendment is as shown in the statement filed 04 Sep 2020

2019201344 **Sigma-Aldrich Co. LLC** The nature of the amendment is as shown in the statement filed 09 Sep 2020

2019201658 **Alumend, LLC; WavePharma, LLC** The nature of the amendment is as shown in the statement filed 03 Aug 2020

2019204212 **Komatsu Ltd.** The nature of the amendment is as shown in the statement filed 31 Aug 2020

2019212080 **Herrenknecht Aktiengesellschaft** The nature of the amendment is: Amend the name of the inventor to read HIMMELSBACH, Christian and BRANDT, Jens

2019248636 **Bioaesthetics Corporation** The nature of the amendment is: Amend the name of the inventor to read Pashos, Nicholas

2019248637 **Bioaesthetics Corporation** The nature of the amendment is: Amend the name of the inventor to read PASHOS, Nicholas and HEIM, William

2019250266 **Vanda Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 26 Nov 2020

2019259549 **Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Beverage, bottled beverage, and method for suppressing aggregation of bacterial cells or treated bacterial cell product

**Amendments**

2019263688 **HEAD, P.** The nature of the amendment is: Amend the priority details to read 1818070.6 30 Apr 2018 GB

2019272364 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND COMMUNICATIONS APPARATUS

2019272806 **Airbus Defence and Space GmbH** The nature of the amendment is as shown in the statement filed 23 Nov 2020

2019276047 **Südzucker AG** The nature of the amendment is: Amend the invention title to read ANOLYTE FRACRTION-CATALYZED HMF PRODUCTION

2019276050 **Südzucker AG** The nature of the amendment is: Amend the invention title to read SALT AND ACID MIXTURE CATALYZED HMF PRODUCTION

2019278071 **Mitsui Chemicals, Inc.** The nature of the amendment is: Amend the invention title to read Dental coupling member and oral appliance

2019279894 **Aspen Aerogels, Inc.** The nature of the amendment is: Priority US 62/678850 dated 31 May 2018 has removed

2019290751 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read HANDOVER METHOD AND APPARATUS

2019299116 **DAIHEN Corporation** The nature of the amendment is: Amend the invention title to read POWER SYSTEM INTERCONNECTION SYSTEM AND METHOD OF INSTALLING POWER SYSTEM INTERCONNECTION SYSTEM

2019301150 **Listat Ltd.** The nature of the amendment is: Amend the name of the inventor to read VERZUN, Ievgen and WILLIAMS, Richard K.

2019308581 **TTI (Macao Commercial Offshore) Limited** The nature of the amendment is: Application is to proceed under the number 2019101770

2019352634 **WearOptimo Pty Ltd** The nature of the amendment is as shown in the statement filed 08 Sep 2020

**2020**

2020103001 **Sastry, J.; Banik, B.** The nature of the amendment is: Amend the invention title to read DECENTRALIZED TRAINING AND RECRUITMENT MODEL FOR UNEMPLOYMENT USING BLOCK-CHAIN TECHNOLOGY

2020103721 **Ozwall Manufacturing Australia Pty Ltd** The nature of the amendment is: Amend the priority details to read 2020900028 07 Jan 2020 AU; 2020900647 04 Mar 2020 AU and 2020903955 30 Oct 2020 AU

2020203871 **Mallinckrodt Hospital Products IP Limited** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2020



**Amendments**

2020225801 **LG Chem, Ltd.** The nature of the amendment is: Amend the invention title to read Battery rack and energy storage system including the same

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2003**

2003274377 Norgine BV The name of the patentee has been altered to **Norgine B.V.**

**2005**

2005213629 Press Ganey Associates, Inc. The name of the patentee has been altered to **Press Ganey Associates LLC**

**2009**

2009227838 Norgine BV The name of the patentee has been altered to **Norgine B.V.**

2009255670 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2009291536 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**2011**

2011239353 Pinnacle Group The name of the patentee has been altered to **ROLLTRAK HARDWARE PTY LTD**

2011268229 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2011289279 Rhode Island Board of Governors for Higher Education; Yale University The name of the patentee has been altered to **Yale University; University of Rhode Island Board of Trustees**

2011293554 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2011300521 UCB Biopharma SPRL The name of the patentee has been altered to **UCB Biopharma SRL**

2011312776 Rhode Island Council on Postsecondary Education; Yale University The name of the patentee has been altered to **Yale University; University of Rhode Island Board of Trustees**

**2012**

2012200775 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2012236106 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2012312225 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**2013**

2013327498 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**Amendments**

2013327501 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**2015**

2015201228 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2015203524 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2015210594 Clarify Medical, Inc. The name of the patentee has been altered to **Zerigo Health, Inc.**

2015271978 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2015279128 UCB Biopharma SPRL The name of the patentee has been altered to **UCB Biopharma SRL**

2015292839 ExploraMed NC7, Inc. The name of the patentee has been altered to **Willow Innovations, Inc.**

2015292864 ExploraMed NC7, Inc. The name of the patentee has been altered to **Willow Innovations, Inc.**

2015301956 ExploraMed NC7, Inc. The name of the patentee has been altered to **Willow Innovations, Inc.**

2015317840 ExploraMed NC7, Inc. The name of the patentee has been altered to **Willow Innovations, Inc.**

**2016**

2016209053 Contego Medical, LLC The name of the patentee has been altered to **CONTEGO MEDICAL, INC.**

2016265003 CSL Behring Gene Therapy, Inc.; St. Vincent's Hospital Sydney; NewSouth Innovations Pty Limited; Calimmune Australia Pty Ltd The name of the applicant has been altered to **CSL Behring Gene Therapy, Inc.; CSL Gene Therapy Pty Ltd; St. Vincent's Hospital Sydney; NewSouth Innovations Pty Limited**

2016265839 CSL Behring Gene Therapy, Inc.; St. Vincent's Hospital Sydney; NewSouth Innovations Pty Limited; Calimmune Australia Pty Ltd The name of the applicant has been altered to **CSL Behring Gene Therapy, Inc.; CSL Gene Therapy Pty Ltd; St. Vincent's Hospital Sydney; NewSouth Innovations Pty Limited**

2016277667 Rhode Island Council on Postsecondary Education; Yale University The name of the patentee has been altered to **Yale University; University of Rhode Island Board of Trustees**

2016344149 Contego Medical, LLC The name of the applicant has been altered to **CONTEGO MEDICAL, INC.**

**2017**

2017200039 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

**Amendments**

2017200766 Rhode Island Board of Governors for Higher Education ; Yale University The name of the patentee has been altered to **Yale University; University of Rhode Island Board of Trustees**

2017201201 XBiotech, Inc. The name of the patentee has been altered to **XBiotech Inc.**

2017217551 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2017217702 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2017330430 Rhode Island Council on Postsecondary Education ; Yale University The name of the applicant has been altered to **University of Rhode Island Board of Trustees; Yale University**

2017376270 Contego Medical, LLC The name of the applicant has been altered to **Contego Medical, Inc.**

**2018**

2018259040 UCB Biopharma SPRL; Sanofi The name of the applicant has been altered to **UCB Biopharma SRL; Sanofi**

**2019**

2019203377 Rhode Island Council on Postsecondary Education; Yale University The name of the applicant has been altered to **University of Rhode Island Board of Trustees; Yale University**

2019203581 Rhode Island Board of Governors for Higher Education; Yale University The name of the applicant has been altered to **University of Rhode Island Board of Trustees; Yale University**

2019205981 UCB Biopharma SPRL The name of the patentee has been altered to **UCB Biopharma SRL**

2019210556 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2019210590 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2019268303 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2019269104 Sinden Technology Ltd The name of the applicant has been altered to **Sinden Technology Ltd.**

2019271382 GTx, Inc. ; University of Tennessee Research Foundation The name of the applicant has been altered to **Oncternal Therapeutics, Inc.; University of Tennessee Research Foundation**

2019275394 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2019290617 Carleton Technologies, Inc. The name of the applicant has been altered to **Cobham Mission Systems Orchard Park Inc.**

**Amendments**

**2020**

2020101756 Special Specialty Products Institute of China Agricultural Sciences Academy The name of the patentee has been altered to **Institute of Special Animal and Plant Sciences of CAAS**

2020103621 M., Hanumanthappa; K.R., Venugopal; K., Ravikumar; S. B., Ashoka; M, Vakula Rani The name of the applicant has been altered to **M., H.; K.R., V.; K., R.; S. B., A.; J, V.R.**

2020201768 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2020227085 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2020260431 Contego Medical, LLC The name of the applicant has been altered to **CONTEGO MEDICAL, INC.**

2020277115 ZHEJIANG JINKO SOLAR CO., LTD; JINKO SOLAR CO., LTD. The name of the applicant has been altered to **ZHEJIANG JINKOSOLAR CO.,LTD.; JINKO SOLAR CO., LTD.**

2020277176 ZHEJIANG JINKO SOLAR CO., LTD; JINKO SOLAR CO., LTD. The name of the applicant has been altered to **ZHEJIANG JINKOSOLAR CO.,LTD.; JINKO SOLAR CO., LTD.**

2020903170 Worldwide Truss and Frame Pty Ltd The name of the applicant has been altered to **Worldwide Truss and Frames Pty Ltd**

Applications Open to Public Inspection

Name Index

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

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(71) 369 Labs Pty Ltd  
 (11) AU-A-2020277159  
 (21) 2020277159 (22) 25.11.2020  
 (54) SYSTEM AND METHOD FOR INCREASING APPLIANCE CONTROL IN AN ELECTRICITY GRID  
 (51) Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
**G06F 1/3209** ( 2019.01 )  
 (43) 24.12.2020  
 (62) 2019202595  
 (72) Gelonese, Domenico  
 (74) Collison & Co

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(71) 369 Labs Pty Ltd  
 (11) AU-A-2020277218  
 (21) 2020277218 (22) 26.11.2020  
 (54) POWER SYSTEM  
 (51) Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
 (43) 24.12.2020  
 (62) 2018267602  
 (72) Gelonese, Domenico  
 (74) Collison & Co

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(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.  
 (11) AU-A-2020277164  
 (21) 2020277164 (22) 25.11.2020  
 (54) Anti-EGFR antibody drug conjugate formulations  
 (51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018267662  
 (72) TSCHOEPE, Markus; KALETA, Katharina; KUMAR, Vineet  
 (74) Spruson & Ferguson

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AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG  
 (21) 2020277164

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Abecassis, M. see The Scripps Research Institute  
 (21) 2020277267

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(71) Acerta Pharma B.V.  
 (11) AU-A-2020277123  
 (21) 2020277123 (22) 24.11.2020  
 (54) Solid forms and formulations of (S)-4-(8-amino-3-(1-(but-2-ynoyl)pyrrolidin-2-yl)imidazo(1,5-a)pyrazin-1-yl)-N-(pyridin-2-yl)benzamide  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )

**A61P 35/00** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2016286548  
 (72) Blatter, Fritz; Ingallinera, Tim; Barf, Tjeerd; Aret, Edwin; Krejsa, Cecile; Everts, Jerry  
 (74) Davies Collison Cave Pty Ltd

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(71) Agios Pharmaceuticals, Inc.  
 (11) AU-A-2020277158  
 (21) 2020277158 (22) 25.11.2020  
 (54) Inhibitors of cellular metabolic processes  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07F 9/141** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2017319500  
 (72) Konteatis, Zenon D.; Sui, Zhihua; Travins, Jeremy M.; Ye, Zhixiong  
 (74) FB Rice Pty Ltd

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(71) Aicoboai, M.  
 (11) AU-A-2019203973  
 (21) 2019203973 (22) 06.06.2019  
 (54) Grip Finder  
 (51) Int. Cl.  
**A63B 71/06** ( 2006.01 )  
**A63B 24/00** ( 2006.01 )  
 (43) 24.12.2020  
 (72) Aicoboai, Michael  
 (74) Michael Aicoboai

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(71) Alarm.com Incorporated  
 (11) AU-A-2020277206  
 (21) 2020277206 (22) 26.11.2020  
 (54) DRONE CONTROL DEVICE  
 (51) Int. Cl.  
**G05D 1/04** ( 2006.01 )  
**G06Q 30/06** ( 2012.01 )  
**G08B 13/00** ( 2006.01 )  
**G08B 25/00** ( 2006.01 )  
**G08B 29/00** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2017209096  
 (72) Rezvani, Babak  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-A-2020277106  
 (21) 2020277106 (22) 23.11.2020  
 (54) Compositions and methods for inhibition of expression of apolipoprotein C-III (APOC3) genes  
 (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )

(43) 24.12.2020  
 (62) 2019201470  
 (72) Bettencourt, Brian; Fitzgerald, Kevin; Milstein, Stuart; Maier, Martin; Charisse, Klaus; Kallanthottathil, Rajeev; Kuchimanchi, Satya; Manoharan, Muthiah; Nguyen, Tuyen  
 (74) FB Rice Pty Ltd

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(71) Amarin Pharmaceuticals Ireland Limited  
 (11) AU-A-2020277100  
 (21) 2020277100 (22) 23.11.2020  
 (54) Compositions and methods for lowering levels of high-sensitivity (hs-CRP) in a subject  
 (51) Int. Cl.  
**A01N 37/00** ( 2006.01 )  
**A61K 31/20** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018260825  
 (72) MANKU, Mehar; OSTERLOH, Ian; WICKER, Pierre; BRAECKMAN, Rene; SONI, Paresh  
 (74) Spruson & Ferguson

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(71) AMARIN PHARMACEUTICALS IRELAND LIMITED  
 (11) AU-A-2020277209  
 (21) 2020277209 (22) 26.11.2020  
 (54) USE OF EICOSAPENTAENOIC ACID ETHYL ESTER FOR TREATING HYPERTRIGLYCERIDEMIA  
 (51) Int. Cl.  
**A61K 31/202** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018274854  
 (72) Manku, Mehar; Osterloh, Ian; Wicker, Pierre; Braeckman, Rene; Soni, Paresh  
 (74) AJ PARK

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(71) AME Pty Ltd  
 (11) AU-A-2020277248  
 (21) 2020277248 (22) 26.11.2020  
 (54) Compensated Elevator Link  
 (51) Int. Cl.  
**E21B 19/09** ( 2006.01 )  
**B66C 13/10** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019216729  
 (72) Cree, David; Wright, Jonathan; Semmens, Kayne  
 (74) Golja Haines & Friend

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(71) American Science and Engineering, Inc.  
 (11) AU-A-2020277194  
 (21) 2020277194 (22) 26.11.2020

Applications Open to Public Inspection - Name Index cont'd

- (54) Backscatter characterization using interlinearly adaptive electromagnetic x-ray scanning
- (51) Int. Cl.  
**G01N 23/04** ( 2006.01 )
- (43) 24.12.2020  
(62) 2019210665  
(72) Grodzins, Lee; Dinca, Dan-Cristian; Rommel, Martin  
(74) Griffith Hack
- 
- (71) AMIP  
(11) AU-A-2020277247  
(21) 2020277247 (22) 26.11.2020  
(54) Buffered upper GI absorption promoter  
(51) Int. Cl.  
**A61K 31/4422** ( 2006.01 )  
**A61K 31/18** ( 2006.01 )  
**A61K 31/335** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61K 31/445** ( 2006.01 )
- (43) 24.12.2020  
(62) 2018286568  
(72) Bortz, Jonathan; Hartle, Jennifer  
(74) FB Rice Pty Ltd
- 
- (71) Angel Playing Cards Co., Ltd.  
(11) AU-A-2020277250  
(21) 2020277250 (22) 27.11.2020  
(54) CARD-CENTERED ABNORMALITY DETECTION SYSTEM USING CAMERA AND SHOE  
(51) Int. Cl.  
**A63F 1/06** ( 2006.01 )  
**A63F 1/14** ( 2006.01 )
- (43) 24.12.2020  
(62) 2019203969  
(72) Shigeta, Yasushi  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Apple Inc.  
(11) AU-A-2020277216  
(21) 2020277216 (22) 26.11.2020  
(54) User interfaces for capturing and managing visual media  
(51) Int. Cl.  
**G06F 3/048** ( 2013.01 )
- (43) 24.12.2020  
(62) 2020267151  
(72) MANZARI, Behkish J.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A.; JENSEN, Rasmus R.  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Apton Biosystems, Inc.  
(11) AU-A-2020277153  
(21) 2020277153 (22) 25.11.2020  
(54) Digital analysis of molecular analytes using electrical methods
- 
- (51) Int. Cl.  
**C40B 20/04** ( 2006.01 )
- (43) 24.12.2020  
(62) 2014308691  
(72) Staker, Bryan P.; Liu, Niandong; Staker, Bart Lee; McLaughlin, Michael David  
(74) FB Rice Pty Ltd
- 
- (71) Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G.  
(11) AU-A-2020277251  
(21) 2020277251 (22) 27.11.2020  
(54) CHEWABLE FORMULATION  
(51) Int. Cl.  
**A61K 47/00** ( 2006.01 )
- (43) 24.12.2020  
(62) 2019203788  
(72) WIN, Su; DEVARAJ, Gopinath; CLEVERLY, Douglas Robert; GILL, David Anthony; DAVIES, Keryn; AGARWAL, Priyanka  
(74) Dentons Patent Attorneys Australasia Limited
- 
- (71) Aristocrat Technologies, Inc.  
(11) AU-A-2020203798  
(21) 2020203798 (22) 09.06.2020  
(54) Electronic Gaming Machine Having a Variable Position Gaming Display and a Flexible Gaming Display Responsive to Gaming Conditions  
(51) Int. Cl.  
**G07F 17/32** ( 2006.01 )
- (31) 62/858,758 (32) 07.06.19 (33) US  
62/889,922 21.08.19 US  
16/893,404 04.06.20 US
- (43) 24.12.2020  
(72) Urban, Bruce; Jadeja, Rajendrasinh; Coppola, Roberto; Paulsen, Craig  
(74) Griffith Hack
- 
- (71) Asana Biosciences, LLC  
(11) AU-A-2020277232  
(21) 2020277232 (22) 26.11.2020  
(54) AMINOINDANE COMPOUNDS AND USE THEREOF IN TREATING PAIN  
(51) Int. Cl.  
**C07D 207/09** ( 2006.01 )  
**A61K 31/452** ( 2006.01 )  
**A61P 23/02** ( 2006.01 )  
**A61P 29/02** ( 2006.01 )  
**C07D 211/26** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 498/10** ( 2006.01 )
- (43) 24.12.2020  
(62) 2018260936  
(72) Thompson, Scott Kevin; Priestley, Tony; Smith, Roger Astbury; Saha, Ashis K.; Rudra, Sonali; Hajra, Arun Kuma; Chatterjee, Dipanwita; Behrens, Carl Henry; He, Yigang; Li, Hui-Yin  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Aten Advisory Pty Ltd  
(11) AU-A-2020203757  
(21) 2020203757 (22) 05.06.2020  
(54) Elevated Deck, and Method of Constructing an Elevated Deck  
(51) Int. Cl.  
**E04B 1/343** ( 2006.01 )  
**B65G 35/06** ( 2006.01 )  
**B65G 41/02** ( 2006.01 )  
**E01D 6/00** ( 2006.01 )  
**E01D 15/10** ( 2006.01 )
- (31) 2019901961 (32) 06.06.19 (33) AU  
(43) 24.12.2020  
(72) Gordon, Stuart  
(74) Argon IP Advisory Pty Ltd
- 
- (71) Auckland UniServices Limited  
(11) AU-A-2020277160  
(21) 2020277160 (22) 25.11.2020  
(54) Amino acid and peptide conjugates and conjugation process  
(51) Int. Cl.  
**C07C 227/16** ( 2006.01 )  
**C07C 229/02** ( 2006.01 )  
**C07C 321/12** ( 2006.01 )  
**C07K 1/02** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )
- (43) 24.12.2020  
(62) 2019200884  
(72) Wright, Thomas Hugh; Brimble, Margaret Anne; Dunbar, Peter Roderick; Williams, Geoffrey Martyn  
(74) AJ PARK
- 
- (71) Bayer CropScience Aktiengesellschaft  
(11) AU-A-2020277157  
(21) 2020277157 (22) 25.11.2020  
(54) New alkynyl-substituted 3-phenylpyrrolidine-2,4-diones and use thereof as herbicides  
(51) Int. Cl.  
**C07D 209/54** ( 2006.01 )  
**A01N 43/38** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )
- (43) 24.12.2020  
(62) 2016336174  
(72) Angermann, Alfred; Lehr, Stefan; Fischer, Reiner; Bojack, Guido; Helmke, Hendrik; Schmutzler, Dirk; Dietrich, Hansjörg; Gatzweiler, Elmar; Rosinger, Christopher Hugh  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
(11) AU-A-2020239647  
(21) 2020239647 (22) 10.03.2020  
(54) Magnetic pole module and rotor for permanent magnet generator  
(51) Int. Cl.  
**H02K 1/02** ( 2006.01 )
- (31) 201910489956.5 (32) 06.06.19 (33) CN  
(43) 24.12.2020  
(72) PENG, Liang; LI, Yanhui; LAN, Bin  
(74) Madderns Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Belgiorno-Nettis, A.; Goodwin, H.; Scarfone, R.  
 (11) AU-A-2019203892  
 (21) 2019203892 (22) 04.06.2019  
 (54) Convertible furniture  
 (51) Int. Cl.  
**A47B 3/14** ( 2006.01 )  
**A47C 17/38** ( 2006.01 )  
 (43) 24.12.2020  
 (72) Belgiorno-Nettis, Alessandro; Goodwin, Henry; Scarfone, Robert  
 (74) Spruson & Ferguson

(71) Bio Blast Pharma Ltd.  
 (11) AU-A-2020277197  
 (21) 2020277197 (22) 26.11.2020  
 (54) Treatment of protein aggregation myopathic and neurodegenerative diseases by parenteral administration of trehalose  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/7016** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
**A61P 25/14** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019204513  
 (72) Megiddo, Dalia  
 (74) FPA Patent Attorneys Pty Ltd

(71) Bioverativ Therapeutics Inc.  
 (11) AU-A-2020277146  
 (21) 2020277146 (22) 25.11.2020  
 (54) Factor VIII chimeric proteins and uses thereof  
 (51) Int. Cl.  
**A61K 38/36** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2015204646  
 (72) CHHABRA, Ekta Seth; LIU, Tongyao  
 (74) Spruson & Ferguson

(71) BISSELL Homecare, Inc.  
 (11) AU-A-2020277264  
 (21) 2020277264 (22) 27.11.2020  
 (54) Surface cleaning apparatus  
 (51) Int. Cl.  
**A47L 7/02** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018278858  
 (72) XIA, Jincheng; GE, Jianjun; YIN, Zhenjiang; CHEN, Xin; LIANG, Yongsheng; MA, Kam Hoi  
 (74) Griffith Hack

(71) BOLLES, D.J.  
 (11) AU-A-2020203754  
 (21) 2020203754 (22) 05.06.2020  
 (54) Theft-Resistant Deposit Box  
 (51) Int. Cl.  
**A47G 29/124** ( 2006.01 )  
**A47G 29/22** ( 2006.01 )  
 (31) 16/432,863 (32) 05.06.19 (33) US

(43) 24.12.2020  
 (72) BOLLES, David J.  
 (74) Wallington-Dummer

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(71) Bolt Threads, Inc.  
 (11) AU-A-2020277154  
 (21) 2020277154 (22) 25.11.2020  
 (54) IMPROVED SILK FIBERS  
 (51) Int. Cl.  
**C12P 21/02** ( 2006.01 )  
**C07K 14/435** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2016233266  
 (72) Breslauer, David; Wray, Lindsay; Kittleson, Joshua  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Bourgault Industries Ltd.  
 (11) AU-A-2020277147  
 (21) 2020277147 (22) 25.11.2020  
 (54) Seed inductor apparatus  
 (51) Int. Cl.  
**A01C 7/08** ( 2006.01 )  
**A01C 21/00** ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019222899  
 (72) Rieder, Jami; Jagow, Scot; Rice, Haydon  
 (74) FB Rice Pty Ltd

**Burnham, R.J. see Hulbert, D.**  
 (21) 2020203746

(71) Caliway Biopharmaceuticals Co., Ltd.  
 (11) AU-A-2020277116  
 (21) 2020277116 (22) 24.11.2020  
 (54) Composition for reducing weight and reducing body fat and pharmaceutical product and application thereof  
 (51) Int. Cl.  
**A61K 31/12** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/353** ( 2006.01 )  
**A61K 31/4525** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
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 (62) 2018241639  
 (72) LING, Yu-Fang  
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha  
 (11) AU-A-2019203981  
 (21) 2019203981 (22) 06.06.2019  
 (54) Method, apparatus and system for encoding and decoding a block of video samples  
 (51) Int. Cl.  
**H04N 19/60** ( 2014.01 )  
 (43) 24.12.2020  
 (72) Rosewarne, Christopher James; Ahmed, Iftekhar; Gan, Jonathan  
 (74) Spruson & Ferguson

(71) Cavtec Pty Ltd  
 (11) AU-A-2020277242  
 (21) 2020277242 (22) 26.11.2020  
 (54) Method and system for augmented reality  
 (51) Int. Cl.  
**G06T 3/00** ( 2006.01 )  
**G06Q 50/16** ( 2012.01 )  
 (43) 24.12.2020  
 (62) 2019200032  
 (72) CAVALLARO, Troy  
 (74) Spruson & Ferguson

(71) Chen, Z.  
 (11) AU-A-2019206082  
 (21) 2019206082 (22) 18.07.2019  
 (54) RECIPROCATING MECHANISM OF FISHING REEL AND SPINNING REEL USING RECIPROCATING MECHANISM  
 (51) Int. Cl.  
**A01K 89/01** ( 2006.01 )  
 (31) 201910497112.5 (32) 10.06.19 (33) CN  
 (43) 24.12.2020  
 (72) Chen, Ziyu; Chen, Yonggang  
 (74) Remarkable IP

(71) China University of Mining and Technology, Beijing  
 (11) AU-A-2019449030  
 (21) 2019449030 (22) 05.06.2019  
 (54) Mining machine applicable to fluidized mining of ore bodies and mining method  
 (51) Int. Cl.  
**E21C 25/00** ( 2006.01 )  
 (43) 24.12.2020  
 (72) JU, Yang; XIE, Heping; ZHU, Yan; NIE, Xiaodong; ZHANG, Yong  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Citrix Systems, Inc.  
 (11) AU-A-2020267208  
 (21) 2020267208 (22) 20.04.2020  
 (54) Computing system providing direct routing for desktop as a service (DaaS) sessions to a private network and related methods  
 (51) Int. Cl.  
**G06F 21/53** ( 2013.01 )  
 (31) 16/430,726 (32) 04.06.19 (33) US  
 (43) 24.12.2020  
 (72) SINGLETON IV, Leo C.; BELL, Kenneth; DESHPANDE, Jitendra  
 (74) Spruson & Ferguson

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION  
 (11) AU-A-2020277266  
 (21) 2020277266 (22) 27.11.2020  
 (54) ENZYMES AND METHODS FOR PRODUCING OMEGA-3 FATTY ACIDS  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )

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**C12N 15/84** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )  
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**(62)** 2017276232  
**(72)** PETRIE, James Robertson; MACK-ENZIE, Anne Maree; LIU, Qing; SHRESTHA, Pushkar; NICHOLS, Peter David; BLACKBURN, Susan, Irene Ellis; MANSOUR, Maged Peter; ROBERT, Stanley Suresh; FRAMP-TON, Dion Matthew Frederick; ZHOU, Xue-Rong; SINGH, Surinder Pal; WOOD, Craig Christopher  
**(74)** FB Rice Pty Ltd

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**(71)** Coupang Corp.  
**(11)** AU-A-2020264373  
**(21)** 2020264373 **(22)** 22.04.2020  
**(54)** Computer-implemented system and method for determining top items for a custom fulfillment center  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**(31)** 16/431,556 **(32)** 04.06.19 **(33)** US  
**(43)** 24.12.2020  
**(72)** SHI, Xin  
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**(11)** AU-A-2020277122  
**(21)** 2020277122 **(22)** 24.11.2020  
**(54)** Somatostatin modulators and uses thereof  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61K 31/502** ( 2006.01 )  
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**(72)** Zhao, Jian; Han, Sangdon; Kim, Sun Hee; Wang, Shimiao; Zhu, Yunfei  
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**(71)** CROWN EQUIPMENT CORPORATION  
**(11)** AU-A-2020277244  
**(21)** 2020277244 **(22)** 26.11.2020  
**(54)** Materials handling vehicle path validation and dynamic path modification  
**(51)** Int. Cl.  
**G05D 1/02** ( 2006.01 )  
**B66F 9/06** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2017315886  
**(72)** THODE, Justin F.  
**(74)** Griffith Hack

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**(71)** DEKA Products Limited Partnership  
**(11)** AU-A-2020277098  
**(21)** 2020277098 **(22)** 23.11.2020  
**(54)** System, method, and apparatus for electronic patient care  
**(51)** Int. Cl.  
**G16H 40/60** ( 2018.01 )

**G06F 21/50** ( 2013.01 )  
**(43)** 24.12.2020  
**(62)** 2019261798  
**(72)** KAMEN, Dean; BIASI, John J.; SCARPACI, Jacob W.; KERWIN, John M.; TURNER, James G.; BAL-LANTYNE, Todd A.  
**(74)** Griffith Hack

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**(21)** 2020277251

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**(71)** Dezinal Pty Ltd  
**(11)** AU-A-2019203922  
**(21)** 2019203922 **(22)** 05.06.2019  
**(54)** A drain sill holder and system including same  
**(51)** Int. Cl.  
**E06B 1/70** ( 2006.01 )  
**E06B 7/14** ( 2006.01 )  
**(43)** 24.12.2020  
**(72)** Maxwell, Ronald  
**(74)** Spruson & Ferguson

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**(71)** Draslovka Services Pty Ltd  
**(11)** AU-A-2019204014  
**(21)** 2019204014 **(22)** 07.06.2019  
**(54)** AN INJECTOR AND INJECTOR SYSTEM FOR INTRODUCING AN AGRO-CHEMICAL INTO A LIQUID  
**(51)** Int. Cl.  
**B01F 3/04** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 59/24** ( 2006.01 )  
**(43)** 24.12.2020  
**(72)** McCONVILLE, Kade; TROCHA, Adam  
**(74)** Baxter Patent Attorneys Pty Ltd

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**(71)** Draslovka Services Pty Ltd  
**(11)** AU-A-2019204030  
**(21)** 2019204030 **(22)** 07.06.2019  
**(54)** A MIXER AND MIXING SYSTEM FOR MIXING AN AGROCHEMICAL WITH A LIQUID, AND RELATED SYSTEMS AND METHODS  
**(51)** Int. Cl.  
**B01F 3/04** ( 2006.01 )  
**(43)** 24.12.2020  
**(72)** McCONVILLE, Kade; TROCHA, Adam  
**(74)** Baxter Patent Attorneys Pty Ltd

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**(71)** Dropbox, Inc.  
**(11)** AU-A-2020277236  
**(21)** 2020277236 **(22)** 26.11.2020  
**(54)** Creating projects in a content management system  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06Q 10/10** ( 2012.01 )  
**(43)** 24.12.2020  
**(62)** 2017385025  
**(72)** NEWHOUSE, Ben; RADHAKRISHNAN, Kavitha; PALKOVIC, Aj; STINETTE, David; HURWITZ, Jacob; LEE, Jennifer; GRACE Jr., John R.; WANG,

Susan; DONDI, Leona; KOFMAN, Igor; CHOI, Kenneth; CHANG, Tsung-Hsiang  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Dyax Corp.  
**(11)** AU-A-2020277178  
**(21)** 2020277178 **(22)** 25.11.2020  
**(54)** Evaluation and treatment of bradykinin-mediated disorders  
**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018260845  
**(72)** SEXTON, Daniel J.; FAUCETTE, Ryan; KENNISTON, Jon A.; CONLEY, Greg; NIXON, Andrew; TENHOOR, Christopher; ADELMAN, Burt; CHYUNG, Yung  
**(74)** Spruson & Ferguson

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**(71)** Ecosa Group Pty Ltd  
**(11)** AU-A-2020203448  
**(21)** 2020203448 **(22)** 26.05.2020  
**(54)** A mobile phone radiation shielding bedside table  
**(51)** Int. Cl.  
**H05K 9/00** ( 2006.01 )  
**A47B 79/00** ( 2006.01 )  
**(31)** 2019901922 **(32)** 04.06.19 **(33)** AU  
**(43)** 24.12.2020  
**(72)** Chan, Kin Lap  
**(74)** IP Monitor Pty Ltd

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**(71)** Emory University  
**(11)** AU-A-2020277199  
**(21)** 2020277199 **(22)** 26.11.2020  
**(54)** Antagonism of the VIP signaling pathway  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018271313  
**(72)** Waller, Edmund K.; Hossain, Mohammad S.; Li, Jian-Ming  
**(74)** Shelston IP Pty Ltd.

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**(71)** Epiroc Drilling Tools AB  
**(11)** AU-A-2019203951  
**(21)** 2019203951 **(22)** 06.06.2019  
**(54)** Pneumatic Drill Installed Rock Anchor  
**(51)** Int. Cl.  
**E21D 21/00** ( 2006.01 )  
**(43)** 24.12.2020  
**(61)** 2015403063  
**(72)** BERGHORST, Adrian; KNOX, Greig; ABREU, Rual  
**(74)** A.P.T. Patent and Trade Mark Attorneys

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**(21)** 2019204036

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 (21) 2019204036 (22) 08.06.2019  
 (54) Thermal Differential Heat Engine  
 (51) Int. Cl.  
 F02G 1/044 ( 2006.01 )  
 (43) 24.12.2020  
 (72) fotuhi, rahim  
 (74) rahim fotuhi

**Friedewald, J. see The Scripps Research Institute**  
 (21) 2020277267

(71) GAMBRO LUNDIA AB  
 (11) AU-A-2020277152  
 (21) 2020277152 (22) 25.11.2020  
 (54) Apparatus for extracorporeal treatment of blood and process of calculating set flow rates in a medical apparatus for delivery or collection of fluids  
 (51) Int. Cl.  
 A61M 1/16 ( 2006.01 )  
 A61M 1/34 ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019200791  
 (72) POUCHOULIN, Dominique  
 (74) Griffith Hack

(71) GE Global Sourcing LLC  
 (11) AU-A-2020277172  
 (21) 2020277172 (22) 25.11.2020  
 (54) METHOD AND APPARATUS RELATED TO ON-BOARD MESSAGE REPEATING FOR VEHICLE CONSIST COMMUNICATIONS SYSTEM  
 (51) Int. Cl.  
 B61L 15/00 ( 2006.01 )  
 H04B 7/06 ( 2006.01 )  
 H04B 7/08 ( 2006.01 )  
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 (62) 2020200568  
 (72) Smith, Jr., Eugene A.; Peltz, David Michael; Palanti, Robert C.  
 (74) Phillips Ormonde Fitzpatrick

**Geissler, G. see Hulbert, D.**  
 (21) 2020203746

(71) Genelec Oy  
 (11) AU-A-2020203290  
 (21) 2020203290 (22) 20.05.2020  
 (54) System and method for generating head-related transfer function  
 (51) Int. Cl.  
 H04R 5/033 ( 2006.01 )  
 H04S 7/00 ( 2006.01 )  
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 (43) 24.12.2020  
 (72) JOHANSSON, Jaan; KARJALAINEN, Aapo; MALINEN, Matti; TIKKANEN,

Jussi; SAARI, Ville; VOSOUGH, Poorang  
 (74) FB Rice Pty Ltd

(71) GENENTECH, INC.  
 (11) AU-A-2020277143  
 (21) 2020277143 (22) 24.11.2020  
 (54) Combinations of an anti-HER2 antibody-drug conjugate and chemotherapeutic agents, and methods of use  
 (51) Int. Cl.  
 A61K 31/337 ( 2006.01 )  
 A61K 31/416 ( 2006.01 )  
 A61K 31/513 ( 2006.01 )  
 A61K 31/517 ( 2006.01 )  
 A61K 31/5355 ( 2006.01 )  
 A61K 31/555 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019200988  
 (72) BERRY, Leanne; PHILLIPS, Gail Lewis; SLIWKOWSKI, Mark X.  
 (74) Griffith Hack

(71) GLASS VICE HOLDINGS LIMITED  
 (11) AU-A-2020277187  
 (21) 2020277187 (22) 25.11.2020  
 (54) PANEL MOUNT  
 (51) Int. Cl.  
 E06B 1/20 ( 2006.01 )  
 E06B 1/14 ( 2006.01 )  
 E06B 5/00 ( 2006.01 )  
 E06B 7/00 ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019200842  
 (72) ALLEN, Warwick James  
 (74) AJ PARK

(71) Globaltech Corporation Pty Ltd  
 (11) AU-A-2020277113  
 (21) 2020277113 (22) 23.11.2020  
 (54) Apparatus and method for measuring drilling parameters of a down-the-hole drilling operation for mineral exploration  
 (51) Int. Cl.  
 E21B 47/12 ( 2006.01 )  
 E21B 10/00 ( 2006.01 )  
 E21B 47/00 ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2015346001  
 (72) Hill, Raymond; Gordon, Stewart  
 (74) Griffith Hack

**Goodwin, H. see Belgiorno-Nettis, A.**  
 (21) 2019203892

**GRAINS RESEARCH AND DEVELOPMENT CORPORATION see COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION**  
 (21) 2020277266

(71) Hapttech, Inc.  
 (11) AU-A-2020277214  
 (21) 2020277214 (22) 26.11.2020  
 (54) METHODS AND APPARATUSES FOR HAPTIC SYSTEMS  
 (51) Int. Cl.  
 B62D 53/00 ( 2006.01 )  
 A63F 13/285 ( 2014.01 )  
 B62D 53/08 ( 2006.01 )  
 F41A 33/06 ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019200771  
 (72) Monti, Kyle  
 (74) Phillips Ormonde Fitzpatrick

**Head, S. see The Scripps Research Institute**  
 (21) 2020277267

(71) Heptares Therapeutics Limited  
 (11) AU-A-2020277225  
 (21) 2020277225 (22) 26.11.2020  
 (54) Bicyclic aza compounds as muscarinic M1 receptor and/or M4 receptor agonists  
 (51) Int. Cl.  
 C07D 401/14 ( 2006.01 )  
 A61K 31/454 ( 2006.01 )  
 C07D 401/04 ( 2006.01 )  
 C07D 405/14 ( 2006.01 )  
 C07D 409/14 ( 2006.01 )  
 C07D 413/14 ( 2006.01 )  
 C07D 417/14 ( 2006.01 )  
 C07D 471/04 ( 2006.01 )  
 C07D 491/107 ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019201579  
 (72) Brown, Giles Albert; Cansfield, Julie Elaine; Congreve, Miles Stuart; O'Brien, Michael Alistair; Pickworth, Mark; Rackham, Mark David; Tehan, Benjamin Gerald; Teobold, Barry John  
 (74) Shelston IP Pty Ltd.

(71) Highten (Suzhou) Sports Equipment Co., Ltd  
 (11) AU-A-2020203666  
 (21) 2020203666 (22) 03.06.2020  
 (54) Improved Trampoline  
 (51) Int. Cl.  
 A63B 5/11 ( 2006.01 )  
 (31) 201920827698.2 (32) 04.06.19 (33) CN  
 (43) 24.12.2020  
 (72) ZHOU, Jie  
 (74) WRAYS PTY LTD

(71) Honda Motor Co., Ltd.  
 (11) AU-A-2020203662  
 (21) 2020203662 (22) 03.06.2020  
 (54) Battery Pack  
 (51) Int. Cl.  
 H01M 2/10 ( 2006.01 )  
 H01M 2/26 ( 2006.01 )  
 (31) 2019-104141 (32) 04.06.19 (33) JP

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 (72) NISHINUMA, Takuya; KOBAYASHI, Hiroto; SHIMOMAI, Akinori; ITO, Keiichi  
 (74) Spruson & Ferguson

(71) Honda Motor Co., Ltd.  
 (11) AU-A-2020203663  
 (21) 2020203663 (22) 03.06.2020  
 (54) Battery Pack  
 (51) Int. Cl.  
*H01M 2/20* ( 2006.01 )  
*H01M 2/10* ( 2006.01 )  
 (31) 2019-104146 (32) 04.06.19 (33) JP  
 (43) 24.12.2020  
 (72) KOBAYASHI, Hiroto; ITO, Keiichi; SHIMOMAI, Akinori; NISHINUMA, Takuya  
 (74) Spruson & Ferguson

**Honey Badger International Pty Ltd see Rogers, G.**  
 (21) 2020277226

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2020277096  
 (21) 2020277096 (22) 23.11.2020  
 (54) Communication method, device, and system  
 (51) Int. Cl.  
*H04W 64/00* ( 2009.01 )  
 (43) 24.12.2020  
 (62) 2016424317  
 (72) DU, Jun; LI, Bingzhao  
 (74) Spruson & Ferguson

(71) Hulbert, D.; Burnham, R.J.; Schnarr, M.S.; Geissler, G.; Wilkening, D.W.; McLellan, J.  
 (11) AU-A-2020203746  
 (21) 2020203746 (22) 05.06.2020  
 (54) Long term fire retardant with corrosion inhibitors and methods for making and using same  
 (51) Int. Cl.  
*A62D 1/00* ( 2006.01 )  
 (31) 62/989,350 (32) 13.03.20 (33) US  
 63/024,040 13.05.20 US  
 62/858,640 07.06.19 US  
 (43) 24.12.2020  
 (72) HULBERT, Dennis; BURNHAM, Robert J.; SCHNARR, Michael S.; GEISSLER, Gerald; WILKENING, David W.; McLELLAN, Joseph  
 (74) Spruson & Ferguson

(71) Identity Systems Australia Pty Ltd  
 (11) AU-A-2020203692  
 (21) 2020203692 (22) 04.06.2020  
 (54) SYSTEM AND METHOD FOR FACIAL RECOGNITION  
 (51) Int. Cl.  
*G06K 9/62* ( 2006.01 )  
*G06K 9/78* ( 2006.01 )  
*G06T 7/55* ( 2017.01 )  
 (31) 2019901928 (32) 04.06.19 (33) AU

(71) Inuivity, Inc.  
 (11) AU-A-2020277171

(43) 24.12.2020  
 (72) Pierre, Desire Armand  
 (74) Michael Buck IP

**Illumina, Inc. see University of Washington Through its Center for Commercialization**  
 (21) 2020277162

(71) Implantica Patent Ltd  
 (11) AU-A-2020277268  
 (21) 2020277268 (22) 27.11.2020  
 (54) Apparatus for controlling flow in a bodily organ  
 (51) Int. Cl.  
*A61B 17/12* ( 2006.01 )  
*A61F 2/04* ( 2006.01 )  
*A61N 1/36* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2019200892  
 (72) Forsell, Peter  
 (74) WRAYS PTY LTD

(71) Imtrade Australia Pty Ltd  
 (11) AU-A-2020203751  
 (21) 2020203751 (22) 05.06.2020  
 (54) Benzoic acid formulation  
 (51) Int. Cl.  
*A01N 37/10* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 25/30* ( 2006.01 )  
 (31) 2019901966 (32) 06.06.19 (33) AU  
 (43) 24.12.2020  
 (72) McPhee, Neil John; Rainbird, Ross Melville  
 (74) Spruson & Ferguson

(71) Innovative Engineering Partners 2020 Limited  
 (11) AU-A-2020203046  
 (21) 2020203046 (22) 08.05.2020  
 (54) IMPROVED VEHICLE TRAILER  
 (51) Int. Cl.  
*B60P 1/02* ( 2006.01 )  
*B60P 1/64* ( 2006.01 )  
 (31) 754356 (32) 07.06.19 (33) NZ  
 (43) 24.12.2020  
 (72) Hibberd, Alan  
 (74) P L BERRY & ASSOCIATES

(71) Intervet International B.V.  
 (11) AU-A-2020277165  
 (21) 2020277165 (22) 25.11.2020  
 (54) Feline calicivirus vaccine  
 (51) Int. Cl.  
*C07K 14/08* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*C12N 7/00* ( 2006.01 )  
*C12N 7/04* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2016378486  
 (72) Shehu, Erald; Bhogle, Amrut Shridhar  
 (74) Spruson & Ferguson

(71) Inuivity, Inc.  
 (11) AU-A-2020277171

(21) 2020277171 (22) 25.11.2020  
 (54) Lighting element  
 (51) Int. Cl.  
*A61B 17/3211* ( 2006.01 )  
*A61B 90/30* ( 2016.01 )  
*F21V 23/06* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2017351056  
 (72) Imangholi, Babak  
 (74) Davies Collison Cave Pty Ltd

(71) iRobot Corporation  
 (11) AU-A-2020277235  
 (21) 2020277235 (22) 26.11.2020  
 (54) Evacuation station  
 (51) Int. Cl.  
*A47L 11/33* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2015400076  
 (72) Morin, Russell Walter; Boeschstein, Harold; Swett, David Orrin; Jonas, Jude Royston  
 (74) Spruson & Ferguson

(71) Karyopharm Therapeutics Inc.  
 (11) AU-A-2020277088  
 (21) 2020277088 (22) 23.11.2020  
 (54) Nuclear transport modulators and uses thereof  
 (51) Int. Cl.  
*C07D 249/08* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 (62) 2019200147  
 (72) BALOGLU, Erkan; SHACHAM, Sharon; MCCAULEY, Dilara; KASHYAP, Trinayan; SENAPEDIS, William; LANDESMAN, Yosef; GOLAN, Gali; KALID, Ori; SHECHTER, Sharon  
 (74) Spruson & Ferguson

**Kurian, S. see The Scripps Research Institute**  
 (21) 2020277267

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
 (11) AU-A-2020203540  
 (21) 2020203540 (22) 29.05.2020  
 (54) HELIUM PURIFICATION PROCESS AND UNIT  
 (51) Int. Cl.  
*F25J 3/08* ( 2006.01 )  
*B01D 53/047* ( 2006.01 )  
*B01D 53/86* ( 2006.01 )  
*C01B 23/00* ( 2006.01 )  
*F25J 3/06* ( 2006.01 )  
 (31) 1906005 (32) 06.06.19 (33) FR  
 (43) 24.12.2020  
 (72) Le Guludec, Erwan; Hernandez, Antoine  
 (74) Phillips Ormonde Fitzpatrick

(31) 1906005 (32) 06.06.19 (33) FR  
 (43) 24.12.2020  
 (72) Le Guludec, Erwan; Hernandez, Antoine  
 (74) Phillips Ormonde Fitzpatrick



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**(21)** 2020277267

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**(71)** Louver-Lite Limited  
**(11)** AU-A-2020277105  
**(21)** 2020277105 **(22)** 23.11.2020  
**(54)** Roller Tube  
**(51)** Int. Cl.  
*E06B 9/50* ( 2006.01 )  
*E06B 9/72* ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2019202139  
**(72)** Barnes, Antony; Greening, Andrew  
**(74)** Morcom Pernet

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**(71)** M87, Inc.  
**(11)** AU-A-2020277186  
**(21)** 2020277186 **(22)** 25.11.2020  
**(54)** Concurrent uses of non-cellular interfaces for participating in hybrid cellular and non-cellular networks  
**(51)** Int. Cl.  
*H04W 88/04* ( 2009.01 )  
*H04W 88/06* ( 2009.01 )  
*H04W 92/10* ( 2009.01 )  
**(43)** 24.12.2020  
**(62)** 2019257526  
**(72)** BHARGAVA, Vidur; FELDMAN, Peter Matthew  
**(74)** FB Rice Pty Ltd

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**(71)** McCloskey, J.C.  
**(11)** AU-A-2020277233  
**(21)** 2020277233 **(22)** 26.11.2020  
**(54)** Treatment of infection  
**(51)** Int. Cl.  
*A61K 33/08* ( 2006.01 )  
*A61K 39/39* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018267595  
**(72)** McCloskey, Jenny Colleen  
**(74)** FPA Patent Attorneys Pty Ltd

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**McLellan, J. see Hulbert, D.**  
**(21)** 2020203746

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**(71)** Morinaga Milk Industry Co., Ltd.  
**(11)** AU-A-2020277138  
**(21)** 2020277138 **(22)** 24.11.2020  
**(54)** Brain function improving agent  
**(51)** Int. Cl.  
*A61K 35/745* ( 2015.01 )  
*A23L 33/135* ( 2016.01 )  
*A61P 25/18* ( 2006.01 )  
*A61P 25/24* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2017275210  
**(72)** KOBAYASHI, Youdai; KUHARA, Tetsuya; SHIMIZU, Kanetada; SATO, Takumi  
**(74)** Spruson & Ferguson

**(71)** Nanjing Normal University  
**(11)** AU-A-2020220214  
**(21)** 2020220214 **(22)** 03.01.2020  
**(54)** Tripeptide propylene oxide Derivative and preparation method and application thereof  
**(51)** Int. Cl.  
*A61K 38/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
**(31)** 201910485689.4 **(32)** 05.06.19 **(33)** CN  
**(43)** 24.12.2020  
**(72)** ZHU, Yongqiang; LEI, Meng; ZHANG, Haoyang  
**(74)** Shelston IP Pty Ltd.

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**(71)** Nasdaq, Inc.  
**(11)** AU-A-2020277120  
**(21)** 2020277120 **(22)** 24.11.2020  
**(54)** Systems and methods of blockchain transaction recordation  
**(51)** Int. Cl.  
*G06Q 20/06* ( 2012.01 )  
**(43)** 24.12.2020  
**(62)** 2018274957  
**(72)** FAY, Thomas; PANISCOTTI, Dominick  
**(74)** Griffith Hack

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**(71)** Neotech Products LLC  
**(11)** AU-A-2020204180  
**(21)** 2020204180 **(22)** 23.06.2020  
**(54)** Nasal cannula and tubing  
**(51)** Int. Cl.  
*A61M 16/06* ( 2006.01 )  
*A61M 16/00* ( 2006.01 )  
**(31)** 16/436,615 **(32)** 10.06.19 **(33)** US  
**(43)** 24.12.2020  
**(72)** McNALLY, Matthew; MITCHELL, Richard; KILISZEWSKI, Lawrence; McCRARY, Craig  
**(74)** Griffith Hack

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**(71)** NIPPON SUISAN KAISHA, LTD.  
**(11)** AU-A-2020277196  
**(21)** 2020277196 **(22)** 26.11.2020  
**(54)** Production method of marine product-derived free monounsaturated fatty acids or lower alcohol esters thereof  
**(51)** Int. Cl.  
*C11C 3/10* ( 2006.01 )  
*C11C 1/04* ( 2006.01 )  
*C11C 1/10* ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2019206071  
**(72)** SATO, Seizo; FUKAE, Takuro; OHTSUKA, Naomi; YAMAGUCHI, Hideaki  
**(74)** Griffith Hack

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**Northwestern University see The Scripps Research Institute**  
**(21)** 2020277267

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**(71)** Novartis AG  
**(11)** AU-A-2020277231  
**(21)** 2020277231 **(22)** 26.11.2020  
**(54)** 3-(1-oxoisindolin-2-yl)piperidine-2,6-dione derivatives and uses thereof

**(51)** Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/454* ( 2006.01 )  
*A61K 31/4545* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 401/04* ( 2006.01 )  
*C07D 407/14* ( 2006.01 )  
*C07D 409/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 417/14* ( 2006.01 )  
*C07D 471/04* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07D 487/08* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
*C07D 513/04* ( 2006.01 )

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**(62)** 2018319577  
**(72)** Beckwith, Rohan Eric John; Bonazzi, Simone; Cernijenko, Artiom; Fazal, Aleem; Tichkule, Ritesh Bhanudasji; Visser, Michael Scott  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Nutribio  
**(11)** AU-A-2020277271  
**(21)** 2020277271 **(22)** 27.11.2020  
**(54)** METHOD FOR PRODUCING A DEMINERALISED MILK PROTEIN COMPOSITION, SUITABLE IN PARTICULAR FOR THE ORGANIC SECTOR, AND DEMINERALISED MILK PROTEIN COMPOSITION  
**(51)** Int. Cl.  
*A23C 7/04* ( 2006.01 )  
*A23C 9/142* ( 2006.01 )  
*A23C 9/144* ( 2006.01 )  
*A23J 1/20* ( 2006.01 )  
*A23J 3/08* ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2016283029  
**(72)** Van Audenhaege, Marieke; Fairise, Jean-Francois  
**(74)** Madderns Pty Ltd

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**(71)** Omeros Corporation  
**(11)** AU-A-2020277135  
**(21)** 2020277135 **(22)** 24.11.2020  
**(54)** Highly concentrated low viscosity MASP-2 inhibitory antibody formulations, kits, and methods  
**(51)** Int. Cl.  
*A61K 9/08* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61K 47/00* ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2017321605  
**(72)** Demopoulos, Gregory A.; Ferguson, Kenneth M.; Lambert, William Joseph; Whitaker, John Steven  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Orphazyme A/S  
**(11)** AU-A-2020277270  
**(21)** 2020277270 **(22)** 27.11.2020  
**(54)** Arimoclomol for treating glucocerebrosidase associated disorders  
**(51)** Int. Cl.  
*A61K 31/4545* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )

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**A61P 25/28** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2017255959  
**(72)** HINSBY, Anders Mørkeberg; JENSEN, Thomas Kirkegaard; FOG-TONSESEN, Cathrine Kolster; PETERSEN, Nikolaj Havnsøe Torp; BORNÆS, Claus  
**(74)** FB Rice Pty Ltd
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- (71)** PLAE, Inc.  
**(11)** AU-A-2020277163  
**(21)** 2020277163 **(22)** 25.11.2020  
**(54)** Interchangeable strap closure system for footwear  
**(51)** Int. Cl.  
**A43C 11/00** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2019200593  
**(72)** RINGHOLZ, Ryan  
**(74)** Spruson & Ferguson
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- (71)** PRESIDENT AND FELLOWS OF HARVARD COLLEGE  
**(11)** AU-A-2020277180  
**(21)** 2020277180 **(22)** 25.11.2020  
**(54)** Tubular tissue construct and a method of printing  
**(51)** Int. Cl.  
**A61L 27/38** ( 2006.01 )  
**A61L 27/44** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**(43)** 24.12.2020  
**(62)** 2016257427  
**(72)** LEWIS, Jennifer A.; HOMAN, Kimberly A.; KOLESKY, David B.; TRUBY, Ryan L.; SKYLAR-SCOTT, Mark A.  
**(74)** Griffith Hack
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- (71)** Pronova BioPharma Norge AS  
**(11)** AU-A-2020277222  
**(21)** 2020277222 **(22)** 26.11.2020  
**(54)** Enteral feeding device  
**(51)** Int. Cl.  
**A61J 15/00** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2016212098  
**(72)** BREVIK-ANDERSEN, Merethe H.; LASSON, Emilie; NYHEIM, Hilde; WULFF, Marianne Weiby  
**(74)** Griffith Hack
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- (71)** Qingdao University of Technology  
**(11)** AU-A-2020227037  
**(21)** 2020227037 **(22)** 05.03.2020  
**(54)** Graphene oxide-tetraethyl orthosilicate/silane composite gel material, and preparation method and use thereof  
**(51)** Int. Cl.  
**C09D 183/04** ( 2006.01 )  
**C09D 5/08** ( 2006.01 )  
**(31)** 201910491286.0 **(32)** 06.06.19 **(33)** CN  
**(43)** 24.12.2020  
**(72)** LI, Shaochun; HOU, Dongshuai; GENG, Yongjuan; ZHANG, Wenjuan;  
 JIN, Zuquan; ZHU, Yaguang; ZHANG, Youlai  
**(74)** BOSH IP Pty Ltd
- 
- (71)** Qubole, Inc.  
**(11)** AU-A-2020277238  
**(21)** 2020277238 **(22)** 26.11.2020  
**(54)** Systems and methods for auto-scaling a big data system  
**(51)** Int. Cl.  
**G06F 9/50** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018253642  
**(72)** SEN SARMA, Joydeep; AHUJA, Mayank; NARYANAN, Sivaramakrishnan; SHRIKANTH, Shankar  
**(74)** Spruson & Ferguson
- 
- (71)** Rakman International Pty Ltd  
**(11)** AU-A-2020277126  
**(21)** 2020277126 **(22)** 24.11.2020  
**(54)** Fire Collar  
**(51)** Int. Cl.  
**F16L 5/04** ( 2006.01 )  
**A62C 2/06** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2016200823  
**(72)** Paterson, James  
**(74)** Patentec Patent Attorneys
- 
- (71)** Raytheon Company  
**(11)** AU-A-2020277217  
**(21)** 2020277217 **(22)** 26.11.2020  
**(54)** ELECTRONIC ENHANCED RECEIVER SCHEDULER SYSTEM  
**(51)** Int. Cl.  
**G01S 7/02** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2016306103  
**(72)** Newton, Scott M.; Van Sickle, Joel  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-A-2020277108  
**(21)** 2020277108 **(22)** 23.11.2020  
**(54)** Humanized universal light chain mice  
**(51)** Int. Cl.  
**C12N 15/85** ( 2006.01 )  
**A01K 67/027** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
**C12N 9/64** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018203592  
**(72)** McWhirter, John; Macdonald, Lynn; Stevens, Sean; Davis, Samuel; Buckler, David R.; Meagher, Karolina; Murphy, Andrew J.  
**(74)** FB Rice Pty Ltd
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- Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology**  
**(21)** 2020277191
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- (71)** Regeneron Pharmaceuticals Inc.; Sanofi Biotechnology  
**(11)** AU-A-2020277207  
**(21)** 2020277207 **(22)** 26.11.2020  
**(54)** Methods for treating or preventing asthma by administering an il-4r antagonist  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018253544  
**(72)** Ardeleanu, Marius; Gandhi, Namita; Graham, Neil; Kirkesseli, Stephane C.; Kundu, Sudeep; Radin, Allen; Rocklin, Ross E.; Weinstein, Steven; Davidson Hamilton, Jennifer; Ming, Jeffrey  
**(74)** Griffith Hack
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- (71)** Revelation Plating, LLC  
**(11)** AU-A-2020277265  
**(21)** 2020277265 **(22)** 27.11.2020  
**(54)** Chest wall repair device  
**(51)** Int. Cl.  
**A61B 17/80** ( 2006.01 )  
**A61B 17/84** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )  
**A61L 31/02** ( 2006.01 )  
**A61L 31/06** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2017296286  
**(72)** MADEY, Steven  
**(74)** Spruson & Ferguson
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- (71)** Rheem Manufacturing Company  
**(11)** AU-A-2020203580  
**(21)** 2020203580 **(22)** 29.05.2020  
**(54)** INSTANT HOT WATER DELIVERY SYSTEM  
**(51)** Int. Cl.  
**F24D 17/00** ( 2006.01 )  
**(31)** 16/434,019 **(32)** 06.06.19 **(33)** US  
**(43)** 24.12.2020  
**(72)** MANAY, Atilhan; ZORTMAN, Andrew David  
**(74)** Halfords IP
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- (71)** River Watch Limited  
**(11)** AU-A-2020203828  
**(21)** 2020203828 **(22)** 10.06.2020  
**(54)** WATER MONITORING APPARATUS  
**(51)** Int. Cl.  
**B63B 79/15** ( 2020.01 )  
**B63B 22/00** ( 2006.01 )  
**(31)** 2019902009 **(32)** 10.06.19 **(33)** AU  
**(43)** 24.12.2020  
**(72)** MUIR, James Allan; CAUGHLEY, Alan James  
**(74)** AJ PARK
- 
- (71)** ROBAND Australia Pty Ltd  
**(11)** AU-A-2020203693  
**(21)** 2020203693 **(22)** 04.06.2020  
**(54)** A mixer  
**(51)** Int. Cl.  
**A47J 31/44** ( 2006.01 )

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(43) 24.12.2020  
(72) Le Vavasseur, Paul  
(74) Spruson & Ferguson

(71) Rogers, G.; Honey Badger International Pty Ltd  
(11) AU-A-2020277226  
(21) 2020277226 (22) 26.11.2020  
(54) ENERGY GENERATION LOAD COMPENSATION  
(51) Int. Cl.  
H02S 10/00 ( 2014.01 )  
G01R 11/00 ( 2006.01 )  
G05B 13/00 ( 2006.01 )  
G05F 5/00 ( 2006.01 )  
(43) 24.12.2020  
(62) 2018217279  
(72) Rogers, Gregory Neville  
(74) Murray Trento & Associates Pty Ltd

(71) Rowe, D.L.  
(11) AU-A-2020203596  
(21) 2020203596 (22) 01.06.2020  
(54) Electrical Socket  
(51) Int. Cl.  
H01R 24/54 ( 2011.01 )  
(31) 2019901923 (32) 04.06.19 (33) AU  
2019904939 24.12.19 AU  
(43) 24.12.2020  
(72) Rowe, Darren Lee; Khoury, Edward Joseph; Finlayson, Faye  
(74) Armour IP Pty Ltd

Salomon, D. see The Scripps Research Institute  
(21) 2020277267

(71) Saluda Medical Pty Ltd  
(11) AU-A-2020277131  
(21) 2020277131 (22) 24.11.2020  
(54) NEURAL STIMULATION DOSING  
(51) Int. Cl.  
A61N 1/05 ( 2006.01 )  
A61B 5/04 ( 2006.01 )  
A61N 1/34 ( 2006.01 )  
A61N 1/36 ( 2006.01 )  
(43) 24.12.2020  
(62) 2015292272  
(72) Parker, John Louis  
(74) Monks IP

(71) Sangamo Therapeutics, Inc.  
(11) AU-A-2020277091  
(21) 2020277091 (22) 23.11.2020  
(54) Methods And Compositions For Genome Engineering  
(51) Int. Cl.  
C12N 15/64 ( 2006.01 )  
C12N 5/00 ( 2006.01 )  
C12N 5/02 ( 2006.01 )  
C12N 9/22 ( 2006.01 )  
C12N 15/66 ( 2006.01 )  
C12N 15/86 ( 2006.01 )

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(62) 2014363991  
(72) MILLER, Jeffrey C.; PASCHON, David; REBAR, Edward J.; WECHSLER, Thomas; ZHANG, Lei  
(74) WRAYS PTY LTD

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.  
(11) AU-A-2020277191  
(21) 2020277191 (22) 26.11.2020  
(54) Methods for treating or preventing asthma by administering an IL-4R antagonist  
(51) Int. Cl.  
A61K 39/395 ( 2006.01 )  
A61K 31/00 ( 2006.01 )  
A61K 31/167 ( 2006.01 )  
A61K 31/56 ( 2006.01 )  
A61P 11/06 ( 2006.01 )  
(43) 24.12.2020  
(62) 2015218808  
(72) Pirozzi, Gianluca; Skobieranda, Franck; Li, Yongtao; Graham, Neil; Weinstein, Steven P.  
(74) Griffith Hack

Sanofi Biotechnology see Regeneron Pharmaceuticals Inc.  
(21) 2020277207

Scarfone, R. see Belgiorno-Nettis, A.  
(21) 2019203892

Schnarr, M.S. see Hulbert, D.  
(21) 2020203746

(71) Schneider Electric Industries SAS  
(11) AU-A-2020203544  
(21) 2020203544 (22) 29.05.2020  
(54) CURRENT SENSOR AND MEASUREMENT SYSTEM INCLUDING SUCH A CURRENT SENSOR  
(51) Int. Cl.  
G01R 19/15 ( 2006.01 )  
(31) 1906095 (32) 07.06.19 (33) FR  
(43) 24.12.2020  
(72) Rondot, Loïc; Urankar, Lionel  
(74) Madderns Pty Ltd

(71) Schneider Electric Industries SAS  
(11) AU-A-2020203548  
(21) 2020203548 (22) 29.05.2020  
(54) CURRENT SENSORS AND ASSOCIATED MEASUREMENT SYSTEMS  
(51) Int. Cl.  
G01R 19/15 ( 2006.01 )  
G01R 19/04 ( 2006.01 )  
(31) 1906093 (32) 07.06.19 (33) FR  
(43) 24.12.2020  
(72) Rondot, Loïc; Urankar, Lionel  
(74) Madderns Pty Ltd

(71) Sequenom, Inc.  
(11) AU-A-2020277215  
(21) 2020277215 (22) 26.11.2020  
(54) Methods and processes for non-invasive assessment of genetic variations  
(51) Int. Cl.  
C12Q 1/68 ( 2006.01 )  
(43) 24.12.2020  
(62) 2018217243  
(72) Dzakula, Zeljko; Mazloom, Amin R.; Deciu, Cosmin; Wang, Huiquan  
(74) Davies Collison Cave Pty Ltd

(71) Smart Wires Inc.  
(11) AU-A-2020203629  
(21) 2020203629 (22) 02.06.2020  
(54) Kinetic actuator for vacuum interrupter  
(51) Int. Cl.  
H01H 71/24 ( 2006.01 )  
H01H 1/54 ( 2006.01 )  
(31) 62/858,904 (32) 07.06.19 (33) US  
(43) 24.12.2020  
(72) Marshall, Trevor B.; Saunders, Michael J.  
(74) Shelston IP Pty Ltd.

(71) Snap-on Incorporated  
(11) AU-A-2020201983  
(21) 2020201983 (22) 19.03.2020  
(54) Grooved drive for ratchet tools  
(51) Int. Cl.  
B25B 13/00 ( 2006.01 )  
(31) 16/432,627 (32) 05.06.19 (33) US  
(43) 24.12.2020  
(72) ROSS, David T.  
(74) Griffith Hack

(71) Snap-on Incorporated  
(11) AU-A-2020202138  
(21) 2020202138 (22) 26.03.2020  
(54) Floor jack lockout assembly  
(51) Int. Cl.  
B66F 5/04 ( 2006.01 )  
(31) 16/434,730 (32) 07.06.19 (33) US  
(43) 24.12.2020  
(72) ANDERSEN, Jonathan I.; RETTLER, James T.; SCHULZ, Benjamin T.  
(74) Griffith Hack

(71) Sony Corporation  
(11) AU-A-2020277210  
(21) 2020277210 (22) 26.11.2020  
(54) Device, method, and program for processing sound  
(51) Int. Cl.  
H04S 5/02 ( 2006.01 )  
G10L 19/008 ( 2013.01 )  
(43) 24.12.2020  
(62) 2019202924  
(72) YAMAMOTO, Yuki; CHINEN, Toru; TSUJI, Minoru  
(74) Griffith Hack

(71) Soochow University  
(11) AU-A-2019427988  
(21) 2019427988 (22) 14.06.2019

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 (51) Int. Cl.  
*C07C 319/16* ( 2006.01 )  
*C07C 323/12* ( 2006.01 )  
 (31) 201910482403.7 (32) 04.06.19 (33) CN  
 (43) 24.12.2020  
 (72) CHENG, Zhenping; CHENG, Jiannan; WANG, Jinying; TU, Kai; ZHU, Xiulin  
 (74) Lord & Company

(71) Stryker Corporation  
 (11) AU-A-2020277119  
 (21) 2020277119 (22) 24.11.2020  
 (54) Reconfigurable transport apparatus  
 (51) Int. Cl.  
*A61G 5/06* ( 2006.01 )  
*A61G 1/02* ( 2006.01 )  
*A61G 7/015* ( 2006.01 )  
*A61G 7/16* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018264062  
 (72) Lambarth, Clifford Edwin; Wroblewski, Jason James; Naber, Brandon David; Dacey, Alfred James; Puvogel, Thomas Alan; Lucas, Ross Timothy  
 (74) Davies Collison Cave Pty Ltd

(71) SunPower Corporation  
 (11) AU-A-2020277220  
 (21) 2020277220 (22) 26.11.2020  
 (54) Solar cell emitter region fabrication using ion implantation  
 (51) Int. Cl.  
*H01L 31/18* ( 2006.01 )  
*H01L 31/0216* ( 2006.01 )  
*H01L 31/04* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2015284552  
 (72) SMITH, David D.; WEIDMAN, Timothy; WESTERBERG, Staffan  
 (74) Spruson & Ferguson

(71) Suprasensor Technologies, LLC  
 (11) AU-A-2020277200  
 (21) 2020277200 (22) 26.11.2020  
 (54) MOLECULAR RECEPTOR-BASED CHEMICAL FIELD-EFFECT TRANSISTOR  
 (51) Int. Cl.  
*G01N 27/414* ( 2006.01 )  
*G01N 27/333* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018282293  
 (72) Stimpson, Calden Carroll; Kusiek, Jordan Richard  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Surgical Stabilization Technologies Inc  
 (11) AU-A-2020277245  
 (21) 2020277245 (22) 26.11.2020  
 (54) TROCAR SUPPORT  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )

(43) 24.12.2020  
 (62) 2016356748  
 (72) Pacak, John Stephen; Diamond, Heather Dawn; Muldoon, Damian Raymond; Ward, Shane Gerard; Murphy, Brian Fergus; Cannon, William James; Keaveney, Luke Patrick  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Surgical Stabilization Technologies Inc  
 (11) AU-A-2020277246  
 (21) 2020277246 (22) 26.11.2020  
 (54) TROCAR SUPPORT  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2016356748  
 (72) Pacak, John Stephen; Diamond, Heather Dawn; Muldoon, Damian Raymond; Ward, Shane Gerard; Murphy, Brian Fergus; Cannon, William James; Keaveney, Luke Patrick  
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(71) Surgitent GmbH  
 (11) AU-A-2020277136  
 (21) 2020277136 (22) 24.11.2020  
 (54) A DEVICE FOR PROVIDING A STERILE LIMITED SPACE FOR SURGERY  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61B 42/50* ( 2016.01 )  
*A61B 50/10* ( 2016.01 )  
*A61L 2/00* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2014415262  
 (72) Ahrens, Michael  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**Suzhou Xuanjia Optics and Electronics Technology Co. Ltd. see Zhongshan Ophthalmic Center, Sun Yat-Sen University**  
 (21) 2020233703

(71) Symbol Technologies, LLC  
 (11) AU-A-2020277149  
 (21) 2020277149 (22) 25.11.2020  
 (54) Bi-optic barcode reader  
 (51) Int. Cl.  
*G06K 7/10* ( 2006.01 )  
*G06K 1/10* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2018391958  
 (72) DRZYMALA, Mark; BARKAN, Edward; HANDSHAW, Darran Michael  
 (74) Spruson & Ferguson

(71) TARIS Biomedical LLC  
 (11) AU-A-2020277124  
 (21) 2020277124 (22) 24.11.2020  
 (54) Drug delivery devices and methods  
 (51) Int. Cl.

*A61M 31/00* ( 2006.01 )  
 (43) 24.12.2020  
 (62) 2015259361  
 (72) Lee, Heejin; Daniel, Karen; Larivee-Elkins, Cheryl; Agarwal, Vikas; Ho Duc, Hong Linh  
 (74) Shelston IP Pty Ltd.

(71) Tata Consulting Limited  
 (11) AU-A-2019232899  
 (21) 2019232899 (22) 20.09.2019  
 (54) SPARSITY CONSTRAINTS AND KNOWLEDGE DISTILLATION BASED LEARNING OF SPARSER AND COMPRESSED NEURAL NETWORKS  
 (51) Int. Cl.  
*G06N 3/02* ( 2006.01 )  
 (31) 201921022724 (32) 07.06.19 (33) IN  
 (43) 24.12.2020  
 (72) HEGDE, Srinidhi; HEBBALAGUPPE, Ramya; PRASAD, Ranjitha  
 (74) Origin Patent and Trade Mark Attorneys

(71) Techtronic Cordless GP  
 (11) AU-A-2020277118  
 (21) 2020277118 (22) 24.11.2020  
 (54) An electrical apparatus, a power system, a power tool, a network of power tools and a power tool controller  
 (51) Int. Cl.  
*G05B 19/042* ( 2006.01 )  
*B25B 5/00* ( 2006.01 )  
*B25B 21/00* ( 2006.01 )  
*G08C 17/02* ( 2006.01 )  
*H04W 84/18* ( 2009.01 )  
 (43) 24.12.2020  
 (62) 2019200218  
 (72) FAUTEUX, Denis Gaston; LEE, Hei Man; CHEUNG, Ngai  
 (74) Spruson & Ferguson

(71) The Boeing Company  
 (11) AU-A-2020202134  
 (21) 2020202134 (22) 25.03.2020  
 (54) Data driven machine learning for modeling aircraft sensors  
 (51) Int. Cl.  
*G06N 20/00* ( 2019.01 )  
*G06Q 10/04* ( 2012.01 )  
 (31) 16/433,822 (32) 06.06.19 (33) US  
 (43) 24.12.2020  
 (72) BERESON, Andrew Louis; RIGDON, Debra Alice; SWAYNE, Michael Thomas; NGUYEN, Hieu Trung  
 (74) Spruson & Ferguson

(71) The General Hospital Corporation; The United States of America, as Represented by the Secretary, Department of Health and Human Services  
 (11) AU-A-2020277224  
 (21) 2020277224 (22) 26.11.2020  
 (54) Compounds for improving mRNA splicing  
 (51) Int. Cl.  
*C07D 251/00* ( 2006.01 )  
*A61K 31/4196* ( 2006.01 )

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**A61P 25/28** ( 2006.01 )  
**C07D 339/06** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2016206589  
**(72)** Slaugenhaupt, Susan A.; Johnson, Graham; Paquette, William D.; Zhang, Wei; Marugan, Juan  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** The George Washington University, A Congressional Chartered Not-For-Profit Corporation

**(11)** AU-A-2020277230  
**(21)** 2020277230 **(22)** 26.11.2020  
**(54)** Angiotensin II alone or in combination for the treatment of hypotension  
**(51)** Int. Cl.  
**A61K 38/08** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61P 9/02** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2014364528  
**(72)** Chawla, Lakhmir  
**(74)** Adams Pluck

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**(71)** The NOCO Company  
**(11)** AU-A-2020277175  
**(21)** 2020277175 **(22)** 25.11.2020  
**(54)** Battery connector device for a battery jump starting device  
**(51)** Int. Cl.  
**F02N 11/12** ( 2006.01 )  
**F02N 11/14** ( 2006.01 )  
**F02N 19/00** ( 2010.01 )  
**H02J 7/00** ( 2006.01 )  
**H02J 7/32** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2019201081  
**(72)** Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael  
**(74)** Griffith Hack

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**(71)** The Scripps Research Institute; Northwestern University; Salomon, D.; Kurian, S.; Head, S.; Abecassis, M.; Friedewald, J.; Levitsky, J.  
**(11)** AU-A-2020277267  
**(21)** 2020277267 **(22)** 27.11.2020  
**(54)** METHODS AND SYSTEMS FOR ANALYSIS OF ORGAN TRANSPLANTATION  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2014317834  
**(72)** Salomon, Daniel; Kurian, Sunil M.; Head, Steven; Abecassis, Michael M.; Friedewald, John J.; Levitsky, Josh  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** The trustee for The Bond Family Trust  
**(11)** AU-A-2019203311  
**(21)** 2019203311 **(22)** 20.05.2019  
**(54)** Drill hole dust suppressor

**(51)** Int. Cl.  
**B23Q 11/00** ( 2006.01 )  
**B23B 45/00** ( 2006.01 )  
**(43)** 24.12.2020  
**(72)** Bond, David Christopher  
**(74)** The trustee for The Bond Family Trust

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**(21)** 2020277224

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**(71)** The University Court of the University of Edinburgh  
**(11)** AU-A-2020277188  
**(21)** 2020277188 **(22)** 25.11.2020  
**(54)** Proteins With Diagnostic And Therapeutic Uses  
**(51)** Int. Cl.  
**C07K 14/315** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2019201829  
**(72)** HERBERT, Andrew Peter; BARLOW, Paul; MAKOU, Elisavet  
**(74)** WRAYS PTY LTD

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**(71)** TMA Corporation Pty Ltd  
**(11)** AU-A-2020277111  
**(21)** 2020277111 **(22)** 23.11.2020  
**(54)** Composite Termite Barrier  
**(51)** Int. Cl.  
**E04B 1/72** ( 2006.01 )  
**A01M 1/24** ( 2006.01 )  
**B32B 3/10** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018229475  
**(72)** Richardson, Geoffrey Wayne; Sala, Tonio Umberto  
**(74)** WRAYS PTY LTD

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**(71)** Total-Ex Pty Ltd  
**(11)** AU-A-2020203768  
**(21)** 2020203768 **(22)** 08.06.2020  
**(54)** Hazardous Area Information Development and Retrieval  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**(31)** 2019901970 **(32)** 06.06.19 **(33)** AU  
**(43)** 24.12.2020  
**(72)** Drew, Aaron; Rossiter, Greg  
**(74)** Golja Haines & Friend

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**(71)** Troy Wheeler Contracting Limited  
**(11)** AU-A-2020277211  
**(21)** 2020277211 **(22)** 26.11.2020  
**(54)** A GUARDRAIL  
**(51)** Int. Cl.  
**E01F 15/02** ( 2006.01 )  
**E01F 13/00** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2016356558  
**(72)** Christopher James, Allington; Troy Douglas, Wheeler; Matthew James, Bradbury; Jason Joseph, Looij  
**(74)** Catalyst Intellectual Property

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**(71)** University of Miami  
**(11)** AU-A-2020277155  
**(21)** 2020277155 **(22)** 25.11.2020  
**(54)** METHODS FOR DETECTING HUMAN PAPILLOMAVIRUS AND PROVIDING PROGNOSIS FOR HEAD AND NECK SQUAMOUS CELL CARCINOMA  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2018203361  
**(72)** Franzmann, Elizabeth; Pereira, Luteicia; Reis, Isildinha M.; Duncan, Robert C.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** University of Washington Through its Center for Commercialization; Illumina, Inc.  
**(11)** AU-A-2020277162  
**(21)** 2020277162 **(22)** 25.11.2020  
**(54)** Selective modification of polymer subunits to improve nanopore-based analysis  
**(51)** Int. Cl.  
**C12Q 1/6869** ( 2018.01 )  
**B01D 57/02** ( 2006.01 )  
**B01D 59/42** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
**C12P 21/06** ( 2006.01 )  
**(43)** 24.12.2020  
**(62)** 2019200189  
**(72)** GUNDLACH, Jens H.; LASZLO, Andrew; DERRINGTON, Ian; MANDELL, Jeffrey G.  
**(74)** Spruson & Ferguson

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**(71)** UPM-Kymmene Corporation  
**(11)** AU-A-2020202635  
**(21)** 2020202635 **(22)** 20.04.2020  
**(54)** CELL CULTURE PLATE, METHOD FOR PREPARING THEREOF AND METHOD FOR DETECTING A SUBSTANCE  
**(51)** Int. Cl.  
**C12M 3/06** ( 2006.01 )  
**C12N 5/071** ( 2010.01 )  
**C12Q 1/02** ( 2006.01 )  
**G01N 33/50** ( 2006.01 )  
**(31)** 19397521.6 **(32)** 10.06.19 **(33)** EP  
**(43)** 24.12.2020  
**(72)** Nuopponen, Markus; Paasonen, Lauri; Mannerström, Marika; Heinonen, Tuula; Toimela, Tarja  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Vertecore Technologies LLC  
**(11)** AU-A-2020277156  
**(21)** 2020277156 **(22)** 25.11.2020  
**(54)** Method and apparatus for spinal disc decompression  
**(51)** Int. Cl.  
**A61F 5/02** ( 2006.01 )  
**A61F 5/03** ( 2006.01 )  
**A61F 5/04** ( 2006.01 )  
**A61F 5/048** ( 2006.01 )

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 (62) 2016246601  
 (72) LEAKE, Paul H; MONTALVO, Paul R  
 (74) O'Sullivan Patent and Trade Mark Attorneys Pty Ltd

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(71) Vifor (International) AG  
 (11) AU-A-2020277121  
 (21) 2020277121 (22) 24.11.2020  
 (54) Novel ferroportin inhibitors  
 (51) Int. Cl.  
*C07D 413/14* ( 2006.01 )  
*A61K 31/4184* ( 2006.01 )  
*A61K 31/427* ( 2006.01 )  
*A61K 31/4355* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61K 31/4375* ( 2006.01 )  
*A61K 31/4439* ( 2006.01 )  
*A61K 31/444* ( 2006.01 )  
*A61K 31/4985* ( 2006.01 )  
*A61K 31/501* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61K 31/5377* ( 2006.01 )  
*A61K 31/55* ( 2006.01 )  
*A61P 3/12* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*C07D 417/12* ( 2006.01 )  
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*C07D 471/04* ( 2006.01 )

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 (62) 2016342310  
 (72) Dürrenberger, Franz; Burgert, Michael; Burckhardt, Susanna; Buhr, Wilim; Kalogerakis, Aris; Reim, Stefan.; Manolova, Vania; Boyce, Susan; Yarnold, Christopher John; Pena, Paula; Shepherd, Jon; Lecci, Cristina; Jarjes-Pike, Richard; Scott, John  
 (74) Spruson & Ferguson

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(71) Waymo LLC  
 (11) AU-A-2020277089  
 (21) 2020277089 (22) 23.11.2020  
 (54) CONTEXT AWARE STOPPING FOR AUTONOMOUS VEHICLES  
 (51) Int. Cl.  
*G05D 1/02* ( 2006.01 )

(43) 24.12.2020  
 (62) 2018321472  
 (72) DYER, John Wesley; TORRES, Luis; EPSTEIN, Michael; DUPRE, Guillaume; HERBACH, Joshua Seth  
 (74) RnB IP Pty Ltd

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(71) Welch Allyn, Inc.  
 (11) AU-A-2020203660  
 (21) 2020203660 (22) 03.06.2020  
 (54) Digital image screening and/or diagnosis using artificial intelligence  
 (51) Int. Cl.  
*G06T 7/11* ( 2017.01 )  
*G06N 3/04* ( 2006.01 )

(31) 62/858,579 (32) 07.06.19 (33) US  
 (43) 24.12.2020  
 (72) Lane, John A.; Roberts, Chris R.; Gurgol, Thomas A.; McSweeney, WonKyung  
 (74) Shelston IP Pty Ltd.

Wilkening, D.W. see Hulbert, D.  
 (21) 2020203746

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WIN, S. see Argenta Manufacturing Limited  
 (21) 2020277251

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(71) Wisk Aero LLC  
 (11) AU-A-2020277243  
 (21) 2020277243 (22) 26.11.2020  
 (54) Ventilated rotor mounting boom for personal aircraft  
 (51) Int. Cl.  
*B64C 29/00* ( 2006.01 )  
*B64D 27/24* ( 2006.01 )  
*B64D 27/26* ( 2006.01 )  
*B64D 33/10* ( 2006.01 )

(43) 24.12.2020  
 (62) 2017346503  
 (72) Tighe, James Joseph; Long, Geoffrey Alan; Tzarnotzky, Uri  
 (74) Davies Collison Cave Pty Ltd

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(71) Wonderland Switzerland AG  
 (11) AU-A-2020203755  
 (21) 2020203755 (22) 05.06.2020  
 (54) Magnetic buckle assembly  
 (51) Int. Cl.  
*A47D 15/00* ( 2006.01 )  
*A47D 13/02* ( 2006.01 )  
*B60N 2/26* ( 2006.01 )  
*B60R 22/18* ( 2006.01 )

(31) 201910492826.7 (32) 06.06.19 (33) CN  
 (43) 24.12.2020  
 (72) Cheng, Manqun  
 (74) Griffith Hack

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(71) Wright Medical Technology, Inc.  
 (11) AU-A-2020277219  
 (21) 2020277219 (22) 26.11.2020  
 (54) Fixation apparatus and method for total ankle replacement  
 (51) Int. Cl.  
*A61F 2/42* ( 2006.01 )  
*A61B 17/90* ( 2006.01 )

(43) 24.12.2020  
 (62) 2019246766  
 (72) FREE, Daniel E.; HOWLES, Robert M.; SANDER, Elizabeth J.; WONG, Ki-an-Ming; DHILLON, Braham K.  
 (74) Spruson & Ferguson

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(71) Zhejiang DTRM Biopharma Co., Ltd.  
 (11) AU-A-2020277128  
 (21) 2020277128 (22) 24.11.2020  
 (54) Optimised combination therapy and use thereof to treat cancer and autoimmune disease  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )

*A61P 5/14* ( 2006.01 )  
*A61P 13/12* ( 2006.01 )  
*A61P 21/04* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )

(43) 24.12.2020  
 (62) 2016232923  
 (72) He, Wei  
 (74) Griffith Hack

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(71) Zhongshan Ophthalmic Center, Sun Yat-Sen University; Suzhou Xuanjia Optics and Electronics Technology Co. Ltd.  
 (11) AU-A-2020233703  
 (21) 2020233703 (22) 28.06.2020  
 (54) A method to increase blood flow and metabolic rate of eye ground  
 (51) Int. Cl.  
*A61F 9/008* ( 2006.01 )

(31) 201910490186.6 (32) 06.06.19 (33) CN  
 (43) 24.12.2020  
 (72) HE, MINGGUANG; CAO, Zhaoyun; ZHU, Zhuoting  
 (74) Shelston IP Pty Ltd.

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(71) Zlatar, P.  
 (11) AU-A-2020203762  
 (21) 2020203762 (22) 06.06.2020  
 (54) Improved Raised Access Flooring  
 (51) Int. Cl.  
*E04F 15/024* ( 2006.01 )

(31) 2019901977 (32) 07.06.19 (33) AU  
 (43) 24.12.2020  
 (72) Zlatar, Petar  
 (74) George Griziotis Patent Attorney

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2019203951	Epiroc Drilling Tools AB	2020277124	TARIS Biomedical LLC
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2020277251 Argenta Manufacturing Limited; WIN, S.; DEVARAJ, G.  
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versity; Salomon, D.; Kurian, S.; Head, S.; Abecassis,  
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**E06B 9/52** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** RIEMELMOSER, John  
**(74)** Arceo IP
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- (71)** Crown Family Group Pty Ltd ATF Crown Family Trust  
**(11)** AU-A-2020102975  
**(21)** 2020102975 **(22)** 23.10.2020  
**(54)** Suspension assembly for exercising and training animals  
**(51)** Int. Cl.  
**A01K 15/02** ( 2006.01 )

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 (72) Crown, Gavin Natan  
 (74) FB Rice Pty Ltd

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 (21) 2020102302

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 (11) AU-A-2020102967  
 (21) 2020102967 (22) 22.10.2020  
 (54) A PARALLEL – SERIES ELECTRIC HYBRID VEHICLES BASED ON GEOMETRY FORMULATION  
 (51) Int. Cl.  
*B60W 20/11* ( 2016.01 )  
*B60K 6/442* ( 2007.10 )  
*B60K 6/543* ( 2007.10 )  
*B60W 20/13* ( 2016.01 )  
*B60W 20/16* ( 2016.01 )  
*B60W 20/19* ( 2016.01 )  
*B60W 20/20* ( 2016.01 )  
*B60W 20/30* ( 2016.01 )  
 (45) 24.12.2020  
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 (74) ARUN SUNDARAM

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 (21) 2020103028

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 (21) 2020103037

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 (11) AU-A-2020103014  
 (21) 2020103014 (22) 26.10.2020  
 (54) Cost Effective Fastening Bricks  
 (51) Int. Cl.  
*B28B 1/00* ( 2006.01 )  
*B28C 3/00* ( 2006.01 )  
*E04C 1/39* ( 2006.01 )  
 (45) 24.12.2020  
 (72) S., Jayakumar; V., Moorthy; V.S.K., Venkatachalapathy; S., Sundararaman; K., Velmurugan; K., Srinivasan; S., Sivaprasath  
 (74) Balaji Devarajan

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(71) EAST CHINA UNIVERSITY OF TECHNOLOGY  
 (11) AU-A-2020103064  
 (21) 2020103064 (22) 28.10.2020  
 (54) PHOSPHORENE/GRAPHENE THREE-DIMENSIONAL AEROGEL MATERIAL AND PREPARATION METHOD AND APPLICATION THEREOF  
 (51) Int. Cl.  
*C01B 25/02* ( 2006.01 )  
 (31) 202010250607.0 (32) 01.04.20 (33) CN

(45) 24.12.2020  
 (72) ZHANG, Zhibin; LIU, Yunhai; DAI, Ying; CAO, Xiaohong; LIU, Yuhui; WANG, Yingcai  
 (74) Remarkable IP

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 (11) AU-A-2020103037  
 (21) 2020103037 (22) 27.10.2020  
 (54) A METHOD OF IMPROVING RESILIENCE IN EMBEDDED IOT NETWORKS BY FAULT FORECASTING  
 (51) Int. Cl.  
*H04W 84/18* ( 2009.01 )  
*G05B 13/02* ( 2006.01 )  
*G05B 23/02* ( 2006.01 )  
*H04W 4/38* ( 2018.01 )  
 (45) 24.12.2020  
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 (74) Patentable

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 (11) AU-A-2020102998  
 (21) 2020102998 (22) 24.10.2020  
 (54) A SYSTEM FOR PROTECTING, MONITORING, MANAGING AND ALERTING THE HIGH POWER CONSUMING UTILITIES  
 (51) Int. Cl.  
*G01R 22/10* ( 2006.01 )  
*G06Q 50/06* ( 2012.01 )  
*H04W 4/80* ( 2018.01 )  
 (45) 24.12.2020  
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 (21) 2020103037

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 (11) AU-A-2020102610  
 (21) 2020102610 (22) 06.10.2020  
 (54) PREVENTION OF INFECTION BY HIGHLY PATHOGENIC VIRUSES USING TOPICAL APPLICATION OF POVIDONE-IODINE ON MUCOUS MEMBRANES  
 (51) Int. Cl.  
*A61K 33/18* ( 2006.01 )  
 (45) 24.12.2020  
 (62) PCT/AU2020/050586  
 (72) Molloy, Peter; Goodall, Stephen  
 (74) Davies Collison Cave Pty Ltd

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 (21) 2020102302

**G, N. see Jain, P.**  
 (21) 2020102956

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**G, R. see D., J.**  
 (21) 2020102967

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**G, J. see K, H.**  
 (21) 2020102995

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**G., K. see K, H.**  
 (21) 2020102995

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**G., A. see K, H.**  
 (21) 2020102995

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 (21) 2020102965

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 (11) AU-A-2020102965  
 (21) 2020102965 (22) 22.10.2020  
 (54) AN INTEGRATED SECURE COVID-19 CONTACT TRACING FRAMEWORK USING IOT PLATFORM WITH BLOCKCHAIN  
 (51) Int. Cl.  
*G16H 50/80* ( 2018.01 )  
*G06F 12/14* ( 2006.01 )  
*G06F 21/31* ( 2013.01 )  
*G06F 21/62* ( 2013.01 )  
*G06Q 50/26* ( 2012.01 )  
*G16H 10/60* ( 2018.01 )  
 (45) 24.12.2020  
 (72) Garg, Lalit; Chukwu, Emeka; Nasser, Nidal; Chakraborty, Chinmay; Garg, Gaurav  
 (74) Patentable

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**Garg, R. see Jain, V.**  
 (21) 2020102990

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(71) GEETHA, D.; RAMESH, P.  
 (11) AU-A-2020102999  
 (21) 2020102999 (22) 24.10.2020  
 (54) ELECTROCHEMICAL ENERGY STORAGE DEVICE AND A PROCESS THEREOF  
 (51) Int. Cl.  
*H01G 11/30* ( 2013.01 )  
*H01G 4/008* ( 2006.01 )  
 (45) 24.12.2020  
 (72) GEETHA, D.; RAMESH, P. S.  
 (74) D. GEETHA

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**Goel, S. see Jain, V.**  
 (21) 2020102990

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**Gowthamy, J. see Shiny Duela, J.**  
 (21) 2020103027

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**Guangzhou Huibiao Testing Technology Center see Guangzhou Zhihui Biotechnology Co., Ltd.**  
**(21)** 2020102957

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**(71)** Guangzhou Zhihui Biotechnology Co., Ltd.; Guangzhou Huibiao Testing Technology Center

**(11)** AU-A-2020102957

**(21)** 2020102957 **(22)** 22.10.2020

**(54)** A Detection Method of Illegal Addition of Ribavirin in Dietary Supplements

**(51)** Int. Cl.

**G01N 33/02** ( 2006.01 )

**(31)** 2019112929505 **(32)** 16.12.19 **(33)** CN

**(45)** 24.12.2020

**(72)** LI, Feng; YU, Zhichao; JIANG, Yanling; WEN, Yongxian; YANG, Yun

**(74)** MARTIN IP PTY LTD

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**Guilin University of Technology see Institute of Karst Geology, Chinese Academy of Geological Sciences**

**(21)** 2020103048

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**(71)** GUO, R.

**(11)** AU-A-2020103043

**(21)** 2020103043 **(22)** 27.10.2020

**(54)** MEDICAL CARDIOVASCULAR FILM PLACEMENT DEVICE

**(51)** Int. Cl.

**A61B 50/22** ( 2016.01 )

**A61B 50/30** ( 2016.01 )

**(45)** 24.12.2020

**(72)** GUO, Runmin; LUO, Jiaxin; WEI, Yue

**(74)** MOHAN MURALI KODIVEL

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**H, A. see Jain, P.**

**(21)** 2020102956

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103042

**(21)** 2020103042 **(22)** 27.10.2020

**(54)** MULTIFUNCTIONAL SMART HOME ROBOT

**(51)** Int. Cl.

**A47L 11/202** ( 2006.01 )

**A47L 11/20** ( 2006.01 )

**A47L 11/40** ( 2006.01 )

**B25J 5/00** ( 2006.01 )

**B25J 9/00** ( 2006.01 )

**B25J 11/00** ( 2006.01 )

**G05D 1/00** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103044

**(21)** 2020103044 **(22)** 27.10.2020

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**(54)** HEIGHT-ADJUSTABLE PAINT ROLLER COATING DEVICE FOR SMART HOME DECORATION

**(51)** Int. Cl.

**B05C 1/08** ( 2006.01 )

**B05C 17/02** ( 2006.01 )

**B05C 21/00** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103049

**(21)** 2020103049 **(22)** 27.10.2020

**(54)** AIR HUMIDITY CONTROL DEVICE FOR SMART HOME

**(51)** Int. Cl.

**F24F 6/02** ( 2006.01 )

**F24F 11/58** ( 2018.01 )

**F24F 13/20** ( 2006.01 )

**F24F 13/28** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103051

**(21)** 2020103051 **(22)** 28.10.2020

**(54)** GARBAGE RECYCLING DEVICE FOR SMART HOME

**(51)** Int. Cl.

**B65F 1/16** ( 2006.01 )

**H02P 1/16** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103052

**(21)** 2020103052 **(22)** 28.10.2020

**(54)** HVAC CONTROL DEVICE FOR SMART HOME

**(51)** Int. Cl.

**F24F 11/89** ( 2018.01 )

**F24F 11/52** ( 2018.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103053

**(21)** 2020103053 **(22)** 28.10.2020

**(54)** AIR PURIFICATION DEVICE FOR SMART HOMES

**(51)** Int. Cl.

**F24F 3/16** ( 2006.01 )

**B01D 46/10** ( 2006.01 )

**F24F 11/52** ( 2018.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103054

**(21)** 2020103054 **(22)** 28.10.2020

**(54)** AIR QUALITY DETECTING DEVICE FOR SMART HOMES

**(51)** Int. Cl.

**G01N 33/00** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU MAISHOU TECHNOLOGY CO., LTD

**(11)** AU-A-2020103063

**(21)** 2020103063 **(22)** 28.10.2020

**(54)** TIMING IRRIGATING DEVICE FOR SMART HOMES

**(51)** Int. Cl.

**A01G 25/16** ( 2006.01 )

**A01G 27/00** ( 2006.01 )

**G05B 15/02** ( 2006.01 )

**G05B 19/02** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Chen, Huaxiang

**(74)** Owen Gee

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**(71)** HANGZHOU SHANSHUO TECHNOLOGY CO., LTD

**(11)** AU-A-2020103083

**(21)** 2020103083 **(22)** 28.10.2020

**(54)** GAS COOKER WITH TEMPERATURE MONITORING FUNCTION FOR SMART HOME

**(51)** Int. Cl.

**F24C 3/12** ( 2006.01 )

**F23N 1/00** ( 2006.01 )

**F24C 15/08** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Lao, Jiadan

**(74)** Owen Gee

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**(71)** HANGZHOU SHANSHUO TECHNOLOGY CO., LTD

**(11)** AU-A-2020103085

**(21)** 2020103085 **(22)** 28.10.2020

**(54)** AUTOMATIC CURTAIN RACK FOR SMART HOME

**(51)** Int. Cl.

**A47H 5/02** ( 2006.01 )

**A47H 1/02** ( 2006.01 )

**A47H 1/102** ( 2006.01 )

**A47H 1/142** ( 2006.01 )

**A47H 13/04** ( 2006.01 )

**E06B 9/24** ( 2006.01 )

**(45)** 24.12.2020

**(72)** Lao, Jiadan

**(74)** Owen Gee

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**(71)** HANGZHOU SHANSHUO TECHNOLOGY CO., LTD

**(11)** AU-A-2020103086

**(21)** 2020103086 **(22)** 28.10.2020

**(54)** AUTOMATIC SEALING GARBAGE CONTAINER FOR SMART HOME

**(51)** Int. Cl.

**B65F 1/06** ( 2006.01 )

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**B65F 1/14** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Lao, Jiadan  
**(74)** Owen Gee

**(71)** HANGZHOU SHANSHUO TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103088  
**(21)** 2020103088 **(22)** 28.10.2020  
**(54)** AUTOMATIC LAUNDRY RACK FOR SMART HOME  
**(51)** Int. Cl.  
**D06F 57/12** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Lao, Jiadan  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103065  
**(21)** 2020103065 **(22)** 28.10.2020  
**(54)** ADJUSTABLE POSITIONING DEVICE OF CONTROL BOX FOR SMART HOMES  
**(51)** Int. Cl.  
**H05K 13/00** ( 2006.01 )  
**B66F 7/02** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103066  
**(21)** 2020103066 **(22)** 28.10.2020  
**(54)** CLOTHES DRYING TREATMENT DEVICE FOR SMART HOMES  
**(51)** Int. Cl.  
**D06F 58/10** ( 2006.01 )  
**D06F 34/26** ( 2020.01 )  
**D06F 58/26** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103068  
**(21)** 2020103068 **(22)** 28.10.2020  
**(54)** CONTROL APPARATUS FOR SMART HOME  
**(51)** Int. Cl.  
**H05K 13/00** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103070  
**(21)** 2020103070 **(22)** 28.10.2020  
**(54)** SMART HOME WARDROBE WITH DAMPPROOF FUNCTION  
**(51)** Int. Cl.  
**D06F 58/10** ( 2006.01 )  
**A47B 61/00** ( 2006.01 )

**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103071  
**(21)** 2020103071 **(22)** 28.10.2020  
**(54)** SECURITY PROTECTION MONITORING APPARATUS FOR SMART HOME  
**(51)** Int. Cl.  
**H04N 7/18** ( 2006.01 )  
**H04N 21/4223** ( 2011.01 )  
**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103072  
**(21)** 2020103072 **(22)** 28.10.2020  
**(54)** SECURITY GUARD DOOR LOCK FOR SMART HOME  
**(51)** Int. Cl.  
**E05B 47/00** ( 2006.01 )  
**E05B 17/22** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** HANGZHOU SIWENKE TECHNOLOGY CO., LTD  
**(11)** AU-A-2020103073  
**(21)** 2020103073 **(22)** 28.10.2020  
**(54)** PORTABLE FURNITURE MODEL EXHIBITING DEVICE CUSTOMIZED FOR SMART HOME  
**(51)** Int. Cl.  
**A45C 11/00** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Chen, Fang  
**(74)** Owen Gee

**(71)** Hannay Douglas Pty Ltd  
**(11)** AU-A-2020102949  
**(21)** 2020102949 **(22)** 22.10.2020  
**(54)** PRODUCE CONTAINER FOR USE WITH VAPOUR HEAT TREATMENT  
**(51)** Int. Cl.  
**B65D 21/02** ( 2006.01 )  
**(31)** 2020900151 **(32)** 20.01.20 **(33)** AU  
 2020900595 28.02.20 AU  
 2020900824 18.03.20 AU  
**(45)** 24.12.2020  
**(72)** SCOTT, Alastair  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**HARI, R. see D., J.**  
**(21)** 2020102967

**Hemalatha, M. see Prabha, R.**  
**(21)** 2020103056

**Huazhong Agricultural University see China National Institute of Standardization**  
**(21)** 2020103038

**Hulle, N. see Khope, S.**  
**(21)** 2020103055

**Ilankumaran, S. see Parthasarathy, V.**  
**(21)** 2020103057

**(71)** INSTITUTE OF GEOLOGY AND GEOPHYSICS CHINESE ACADEMY OF SCIENCES (IGGCAS)  
**(11)** AU-A-2020103024  
**(21)** 2020103024 **(22)** 27.10.2020  
**(54)** Antenna Transceiving Device of Orientation-while-drilling Electromagnetic Wave Resistivity Logging Instrument  
**(51)** Int. Cl.  
**H01Q 23/00** ( 2006.01 )  
**G01V 3/12** ( 2006.01 )  
**H03J 1/00** ( 2006.01 )  
**(45)** 24.12.2020  
**(72)** Di, Qingyun; Zhen, Qihui  
**(74)** Alder IP Pty Ltd

**(71)** Institute of Karst Geology, Chinese Academy of Geological Sciences; Guilin University of Technology  
**(11)** AU-A-2020103048  
**(21)** 2020103048 **(22)** 27.10.2020  
**(54)** ANTI-FLOATING SIMULATION DEVICE OF SUBWAYS IN KARST AREAS  
**(51)** Int. Cl.  
**G01V 9/02** ( 2006.01 )  
**G01M 10/00** ( 2006.01 )  
**G01M 13/00** ( 2019.01 )  
**G06F 17/00** ( 2019.01 )  
**(31)** 201922249698.1 **(32)** 16.12.19 **(33)** CN  
**(45)** 24.12.2020  
**(72)** Zhang, Fawang; Luan, Song; Li, Weixuan; Cao, Jianwen; Zhao, Liangjie; Lu, Haiping; Li, Jingrui  
**(74)** PATENTS AU PTY LTD

**(71)** Institute of Plant Protection, Gansu Academy of Agricultural Sciences; Potato Research Institute, Gansu Academy of Agricultural Sciences  
**(11)** AU-A-2020102931  
**(21)** 2020102931 **(22)** 21.10.2020  
**(54)** A Medicinal Fertilizer Type Corn Seed Coating Agent and its Preparation Method  
**(51)** Int. Cl.  
**C05D 9/00** ( 2006.01 )  
**A01N 25/26** ( 2006.01 )  
**C05D 9/02** ( 2006.01 )  
**C05G 5/30** ( 2020.01 )  
**(45)** 24.12.2020  
**(72)** Lv, Heping; Zhang, Haiying; Li, Jianjun; Guo, Zhijie; Guo, Jianguo  
**(74)** Institute of Plant Protection, Gansu Academy of Agricultural Sciences

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(21) 2020102956

**J, D. see K, H.**  
(21) 2020102995

(71) J.M CARNEY & J.V CARNEY; JV & JM Carney  
(11) AU-A-2020103015  
(21) 2020103015 (22) 26.10.2020  
(54) Shear a sheep while it is standing  
(51) Int. Cl.  
*A01K 14/00* ( 2006.01 )  
(31) 2019904055 (32) 28.10.19 (33) AU  
(45) 24.12.2020  
(72) Carney, James  
(74) JV & JM Carney

**Jabeen Begum, S. see Shiny Duela, J.**  
(21) 2020103027

**Jain, J. see Khan, M.**  
(21) 2020102946

(71) Jain, P.; Saravanan., V.; P, I.; G, N.; Mannepilli, K.; H, A.; N., M.; V, P.; K, H.; J, S.  
(11) AU-A-2020102956  
(21) 2020102956 (22) 22.10.2020  
(54) Method for Managing the SAR value, QoS, and Energy consumption in Wide-band Code Division Multiple Access Networks  
(51) Int. Cl.  
*H04W 52/26* ( 2009.01 )  
(45) 24.12.2020  
(72) Jain, Paras; Saravanan, V.; P, Iyappan; G., Nalinipriya; Mannepilli, Kasiprasad; H., Azath; N., Meenakshi; V., Pandimurugan; K., Harsha B.; J, Shruthi M. L.  
(74) ARUN SUNDARAM

**Jain, V. see Tiwari, R.**  
(21) 2020102989

(71) Jain, V.; Kansal, A.; Chawla, C.; Kumar, A.; Garg, R.; Agarwal, R.; Goel, S.; Sijaria, R.; Sharma, P.; Maheshwari, A.  
(11) AU-A-2020102990  
(21) 2020102990 (22) 23.10.2020  
(54) IPBE-Detect Quality of Works: Intelligent process to detect employee's quality of works and notify it to authorities  
(51) Int. Cl.  
*G06F 11/36* ( 2006.01 )  
*G06Q 10/10* ( 2012.01 )  
(45) 24.12.2020  
(72) Jain, Vipin; Kansal, Amit; Chawla, Chanchal; Kumar, Ankit; Garg, Rohin; Agarwal, Rachit; Kumar Goel, Sharad; Sijaria, Rajeev; Sharma, Pooja; Maheshwari, Abhishek  
(74) (Dr.) Vipin Jain

(71) Janda Electric Co.,Ltd.  
(11) AU-A-2020103045  
(21) 2020103045 (22) 27.10.2020  
(54) INSULATING EASY-TO-MAINTAIN FUSE  
(51) Int. Cl.  
*H01H 85/044* ( 2006.01 )  
*H01H 85/04* ( 2006.01 )  
*H01H 85/20* ( 2006.01 )  
(31) 2020102610197 (32) 03.04.20 (33) CN  
(45) 24.12.2020  
(72) Huang, Songmei; Lin, Shanglun; Zheng, Luyan  
(74) MOHAN MURALI KODIVEL

**JD, S. see Tiwari, R.**  
(21) 2020102989

(71) Jia, Y.  
(11) AU-A-2020103021  
(21) 2020103021 (22) 27.10.2020  
(54) A Slider-type Barycenter Regulating Mechanism and Its Control and Application Method  
(51) Int. Cl.  
*B63H 1/36* ( 2006.01 )  
*B25J 9/12* ( 2006.01 )  
*B63G 8/26* ( 2006.01 )  
(45) 24.12.2020  
(72) Jia, Yongnan  
(74) Alder IP Pty Ltd

(71) Jia, Y.  
(11) AU-A-2020103022  
(21) 2020103022 (22) 27.10.2020  
(54) Autonomous Robotic Fish  
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*B63H 1/36* ( 2006.01 )  
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<b>2020102949</b>	Hannay Douglas Pty Ltd	<b>2020103007</b>	Zhejiang Wogong Machinery Co., Ltd.
<b>2020102950</b>	Shanghai University of Medicine & Health Sciences; University of Shanghai for Science and Technology	<b>2020103008</b>	Taizhou University
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<b>2020102952</b>	Beijing University of Posts and Telecommunications	<b>2020103010</b>	Nanjing Forestry University
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<b>2020102954</b>	Northeast Agricultural University	<b>2020103012</b>	South China University of Technology
<b>2020102955</b>	Sandleford Holdings Pty Ltd	<b>2020103013</b>	South China Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Key Laboratory of Open-Sea Fishery Development, Ministry of Agriculture and Rural Affairs
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<b>2020102957</b>	Guangzhou Zhihui Biotechnology Co., Ltd.; Guangzhou Huibiao Testing Technology Center	<b>2020103015</b>	J.M CARNEY & J.V CARNEY; JV & JM Carney
<b>2020102958</b>	Zhejiang Okai Vehicle Co., Ltd.	<b>2020103016</b>	Molly Barker
<b>2020102961</b>	Nanjing Forestry University	<b>2020103017</b>	Nanjing Forestry University
<b>2020102962</b>	Shenglii College China University of Petroleum	<b>2020103019</b>	Plant Protection Research Institute, Guangxi Academy of Agricultural Science
<b>2020102963</b>	Shanghai University of Medicine & Health Sciences; University of Shanghai for Science and Technology	<b>2020103021</b>	Jia, Y.
<b>2020102964</b>	Yancheng Institute of Technology	<b>2020103022</b>	Jia, Y.
<b>2020102965</b>	Garg, L.; Chukwu, E.; Nasser, N.; Chakraborty, C.; Garg, G.	<b>2020103023</b>	Suzhou Academy of Agricultural Sciences
<b>2020102966</b>	Shenzhen Sinovo Technologies Co., Ltd	<b>2020103024</b>	INSTITUTE OF GEOLOGY AND GEOPHYSICS CHINESE ACADEMY OF SCIENCES (IGGCAS)
<b>2020102967</b>	D., J.; P, P.; K, B.; S, S.; G, R.; A, B.; S, G.; N, K.; HARI, R.; M, G.; M, P.; K, G.	<b>2020103025</b>	Sichuan Agricultural University
<b>2020102968</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences	<b>2020103026</b>	Nanjing Forestry University
<b>2020102969</b>	Beijing Normal University; Zhejiang University		
<b>2020102970</b>	Xi'an University of Architecture and Technology.		

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<b>2020103027</b>	Shiny Duela, J.; Judy Flavia, B.; Jabeen Begum, S.; Kamal, N.; Prabavathi, R.; Asha, R.; Aarthi, B.; Gowthamy, J.; Sridevi, S.; Sudharson, K.	<b>2020103083</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2020103028</b>	S, L.; RAJAN, R.J.; D., J.; V., J.	<b>2020103085</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2020103029</b>	XUZHOU UNIVERSITY OF TECHNOLOGY	<b>2020103086</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2020103030</b>	Xinjiang Kok Dala Agricultural Science and Technology Co.,Ltd	<b>2020103087</b>	Sichuan Agricultural University
<b>2020103031</b>	Lonman Auto Accessories Co., Ltd	<b>2020103088</b>	HANGZHOU SHANSHUO TECHNOLOGY CO., LTD
<b>2020103032</b>	Qingdao University of Science and Technology; Qingdao Xuanwei coating material Co., Ltd.		
<b>2020103033</b>	OZDOCS INTERNATIONAL PTY LTD		
<b>2020103034</b>	QUTY GROUP PTY LTD		
<b>2020103035</b>	Molan, E.		
<b>2020103036</b>	Burke, G.		
<b>2020103037</b>	Eswaran, S.; Ramakrishnan, J.; Mavaluru, D.; M., D.; N., P.; D., D.; Fathima, D.; Retnadhas, M.		
<b>2020103038</b>	China National Institute of Standardization; Huazhong Agricultural University		
<b>2020103039</b>	Klotz, J.		
<b>2020103040</b>	Airdrill Hammers and Bits Pty Ltd		
<b>2020103041</b>	Shenyang Aerospace University		
<b>2020103042</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103043</b>	GUO, R.		
<b>2020103044</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103045</b>	Janda Electric Co.,Ltd.		
<b>2020103046</b>	China University of Geosciences, Beijing		
<b>2020103047</b>	Aerospace Information Research Institute, the Chinese Academy of Sciences		
<b>2020103048</b>	Institute of Karst Geology, Chinese Academy of Geological Sciences; Guilin University of Technology		
<b>2020103049</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103051</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103052</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103053</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103054</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103055</b>	Khope, S.; Reddy, P.; Hulle, N.; Kharadkar, R.; Ainapure, B.		
<b>2020103056</b>	Prabha, R.; Prasad, M.; Raja, M.; Kumar, R.; Kumar, A.; Selvan, P.; Premchandran, V.; Hemalatha, M.; Priya, R.; Ponnusamy, S.; Kumar, R.		
<b>2020103057</b>	Parthasarathy, V.; Arunachalam, M.; Anusha, K.; Karupathal, R.; Krishnan, R.; Ilankumaran, S.; Sudha, R.; Anchitaalagammai, J.; N., S.		
<b>2020103058</b>	Sichuan Agricultural University		
<b>2020103059</b>	Sichuan Agricultural University		
<b>2020103060</b>	Commercialisation Express Pty Ltd		
<b>2020103061</b>	North China University of Technology; Beijing Danqi Technology Co., Ltd		
<b>2020103062</b>	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences		
<b>2020103063</b>	HANGZHOU MAISHOU TECHNOLOGY CO., LTD		
<b>2020103064</b>	EAST CHINA UNIVERSITY OF TECHNOLOGY		
<b>2020103065</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103066</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103067</b>	Ramachandran, V.; Reddy, E.S.; Bellamkonda, S.; Settipalli, L.; Malladi, R.; Satya Kumar, G.V.; Narayana, Y.V.		
<b>2020103068</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103069</b>	Liaoning Technical University		
<b>2020103070</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103071</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103072</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103073</b>	HANGZHOU SIWENKE TECHNOLOGY CO., LTD		
<b>2020103074</b>	Tsinghua University		
<b>2020103075</b>	South China Agricultural University		
<b>2020103076</b>	Qingdao Agricultural University		
<b>2020103077</b>	Sichuan University		
<b>2020103078</b>	Sichuan University		
<b>2020103079</b>	The 1st Affiliated Hospital of Kunming Medical University		
<b>2020103081</b>	Multinail Australia Pty Ltd; Trussme Holding Pty Ltd		
<b>2020103082</b>	Jilin University; Jilin Province TeyiFood Biotechnology Company Limited		

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2020102962	2020102984	2020103035	2020103079	2020102985	2020102964
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2020102993	2020102984	2020103035	2020102977 2020103057	2020102981	2020102964
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2020102962	2020102931	2020103036	2020103043	2020102908 2020103001	2020103010
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2020103076	2020102937	2020103035	2019101767	2020103008	2020103010
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2020103063	2020102699	2020102916	2020102969 2020103058	2019101765	2020103013
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2020103087	2020102699	2020102932	2020103082	2020103044	2020102967
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2020102986	2020102972	2020103070	2020102985	2020103044	2020102995
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2020102986	2020102972	2020102946	2020103058	2020103044	2020102967
<b><u>A01K 14 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47B 9 /-</u></b>	<b><u>A61K 8 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>B62J 11 /-</u></b>
2020103015	2016102452	2020102932	2020102985	2020102920	2020102958
<b><u>A01K 15 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47H 1 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>B23D 33 /-</u></b>	<b><u>B63G 8 /-</u></b>
2020102975	2016102452 2020102954	2020103085	2020103058	2020102964	2020102302 2020103021 2020103022
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2020103021 2020103022	2020102931 2020103030	2020102971	2020103088	2020102966	2020103049
<b><u>B64C 11 /-</u></b>	<b><u>C07D 493 /-</u></b>	<b><u>C10B 53 /-</u></b>	<b><u>D06F 58 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>G01C 13 /-</u></b>
2020103061	2020102969	2020103029	2020103066 2020103070	2020102994	2020102997
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2020102949	2020102951	2020103029	2019101766	2020103060 2020103085	2020102991
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2020103003	2020103038	2020103041	2019101766	2020103040	2020102948 2020103034 2020103056
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2020103003	2020102951	2020102564 2020102899 2020102973 2020102978	2019101766	2020103040	2020102997
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2020102979	2020103008	2020102898 2020102899	2020102974 2020103017 2020103081	2020102983 2020103040	2020102912
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2020102979 2020103003	2020103008	2020102973	2020103014	2020102934	2020102406
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2020103064	2020102700	2020102814	2020103031	2020103013	2020103048
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2020103012	2020103032	2020102966	2020102966	2020103083	2020103011
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<b><u>G01S 15 /-</u></b>	2020102991	2020102908	2020102952	2020103065
2020102989	<b><u>G06F 40 /-</u></b>	<b><u>G16H 10 /-</u></b>	2020103000	2020103068
<b><u>G01S 19 /-</u></b>	2020103004	2020102965	<b><u>H04B 17 /-</u></b>	<b><u>No IPC Mark</u></b>
2020102948	<b><u>G06K 7 /-</u></b>	<b><u>G16H 50 /-</u></b>	2020102950	
<b><u>G01V 1 /-</u></b>	2020102991	2020102965	<b><u>H04B 3 /-</u></b>	
2020103046	<b><u>G06K 9 /-</u></b>	<b><u>G16Y 40 /-</u></b>	2020103078	
<b><u>G01V 3 /-</u></b>	2020103026	2020102995	<b><u>H04J 14 /-</u></b>	
2020103024	2020103056	<b><u>G99Z 99 /-</u></b>	2020102952	
<b><u>G01V 9 /-</u></b>	2020103067	2020103069	2020103000	
2020103048	<b><u>G06N 20 /-</u></b>	<b><u>H01B 3 /-</u></b>	<b><u>H04L 9 /-</u></b>	
<b><u>G03B 13 /-</u></b>	2020103004	2020103074	2020102952	
2019101769	2020103026	<b><u>H01B 7 /-</u></b>	2020102953	
<b><u>G05B 13 /-</u></b>	2020103055	2020103074	2020103001	
2020103037	<b><u>G06N 3 /-</u></b>	<b><u>H01G 11 /-</u></b>	<b><u>H04N 21 /-</u></b>	
<b><u>G05B 15 /-</u></b>	2020103026	2020102999	2020103071	
2020103063	2020103055	<b><u>H01G 4 /-</u></b>	<b><u>H04N 7 /-</u></b>	
<b><u>G05B 19 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2020102999	2020103071	
2020103063	2020102990	<b><u>H01H 85 /-</u></b>	<b><u>H04W 16 /-</u></b>	
<b><u>G05B 23 /-</u></b>	2020103001	2020102999	2020102550	
2020103037	<b><u>G06Q 30 /-</u></b>	<b><u>H01H 85 /-</u></b>	<b><u>H04W 24 /-</u></b>	
<b><u>G05D 1 /-</u></b>	2020103059	2020103045	2020102550	
2020102989	<b><u>G06Q 50 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2020103042	2020102965	2020102980	2020103055	
<b><u>G06F 1 /-</u></b>	2020102974	<b><u>H01Q 23 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2020102991	2020102976	2020103024	2020102550	
	2020102991	<b><u>H02G 1 /-</u></b>	2020102908	
	2020102995	2020103077	2020102998	
	2020102997		2020103027	
	2020102998		2020103037	
	2020103047			
	2020103059			

PCT applications which have entered the National Phase

Name Index

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

<p>(71) 2144811 Alberta Inc.; MAGNUS, A.K.; BOWES, D.C.                      (11) AU-A-2019284238                      (21) 2019284238 (22) 11.06.2019                      (54) Method and apparatus for removal of particulate matter from a multiphase stream                      (51) Int. Cl.  <i>B01D 45/04</i> ( 2006.01 )                      (87) WO2019/237189                      (31) 62/684,571 (32) 13.06.18 (33) US                      (43) 19.12.2019                      (72) MAGNUS, Andrew Kenneth; BOWES, Donald Clifford; VANDERLEE, Anthony James                      (74) Spruson &amp; Ferguson</p>	<p>(71) Ahmed, Z.; Dociety Technologies Private Limited; Mio Ahmed                      (11) AU-A-2019260038                      (21) 2019260038 (22) 22.04.2019                      (54) System and method of operating open ended interactive voice response in any spoken languages                      (51) Int. Cl.  <i>H04M 3/493</i> ( 2006.01 )  <i>G06F 40/40</i> ( 2020.01 )                      (87) WO2019/207597                      (31) 119/2018 (32) 23.04.18 (33) BD                      (43) 31.10.2019                      (72) AHMED, Zubair; HOQUE, MD. Rezwatul; AHMED, Sadat Sakif                      (74) K&amp;L Gates</p>	<p><i>F16C 33/78</i> ( 2006.01 )  <i>F16C 19/22</i> ( 2006.01 )  <i>F16C 33/58</i> ( 2006.01 )  <i>F16J 15/32</i> ( 2016.01 )                      (87) WO2020/013945                      (31) 16/031,556 (32) 10.07.18 (33) US                      (43) 16.01.2020                      (72) LUMPKIN, Michael; MASON, Michael                      (74) Griffith Hack</p>
<p>(71) 2599218 Ontario Inc.                      (11) AU-A-2019295438                      (21) 2019295438 (22) 12.06.2019                      (54) Graphene membranes and methods for making graphene membranes                      (51) Int. Cl.  <i>B01D 71/02</i> ( 2006.01 )  <i>B01D 67/00</i> ( 2006.01 )                      (87) WO2020/000086                      (31) 62/689,270 (32) 25.06.18 (33) US                      (43) 02.01.2020                      (72) FLINT, Ian; OGUNTUASE, Nifemi                      (74) AJ Pietras IP Limited</p>	<p>(71) AiCuris GmbH &amp; Co. KG; Friedrich-Alexander-Universität Erlangen-Nürnberg                      (11) AU-A-2019304526                      (21) 2019304526 (22) 19.07.2019                      (54) Methods for screening and identifying agents that inhibit or modulate the nuclear egress complex of herpesviruses                      (51) Int. Cl.  <i>C07K 14/03</i> ( 2006.01 )                      (87) WO2020/016433                      (31) 18184806.0 (32) 20.07.18 (33) EP                      (43) 23.01.2020                      (72) MARSCHALL, Manfred; MULLER, Yves; STICHT, Heinrich; EICHLER, Jutta                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Anhui University of Science and Technology                      (11) AU-A-2019429490                      (21) 2019429490 (22) 19.04.2019                      (54) Six-degree-of-freedom series-parallel electromagnetic vibration test stand                      (51) Int. Cl.  <i>G01M 7/06</i> ( 2006.01 )                      (87) WO2020/164186                      (31) 201910113055.6 (32) 13.02.19 (33) CN                      (43) 20.08.2020                      (72) SHEN, Yuzhe; WANG, Chengjun; HU, Haixia; HU, Biao; MAO, Weidong; TAO, Yongshu                      (74) Madderns Pty Ltd</p>
<p>(71) 4D Pharma PLC                      (11) AU-A-2019281024                      (21) 2019281024 (22) 07.06.2019                      (54) Method for stratifying IBS patients                      (51) Int. Cl.  <i>G16H 50/70</i> ( 2018.01 )                      (87) WO2019/234246                      (31) 18176641.1 (32) 07.06.18 (33) EP                      (43) 12.12.2019                      (72) SHANAHAN, Fergus; O'TOOLE, Paul W.; JEFFERY, Ian B.                      (74) FB Rice Pty Ltd</p>	<p>(71) Ambrx, Inc.                      (11) AU-A-2019263303                      (21) 2019263303 (22) 01.05.2019                      (54) A method for optimizing antibody expression                      (51) Int. Cl.  <i>C12N 15/63</i> ( 2006.01 )  <i>C07K 14/245</i> ( 2006.01 )  <i>C12N 9/90</i> ( 2006.01 )  <i>C12N 15/67</i> ( 2006.01 )  <i>C12N 15/68</i> ( 2006.01 )  <i>C12N 15/70</i> ( 2006.01 )                      (87) WO2019/213331                      (31) 62/665,093 (32) 01.05.18 (33) US                      (43) 07.11.2019                      (72) RASHID, MD Harunur; SHIMAZU, Mark; TIAN, Feng                      (74) FB Rice Pty Ltd</p>	<p>(71) Anhui University of Science and Technology                      (11) AU-A-2019430754                      (21) 2019430754 (22) 19.04.2019                      (54) Series-parallel type heavy-duty friction stir welding robot                      (51) Int. Cl.  <i>B23K 20/12</i> ( 2006.01 )  <i>B23K 20/26</i> ( 2006.01 )  <i>B25J 11/00</i> ( 2006.01 )                      (87) WO2020/168630                      (31) 201910119053.8 (32) 18.02.19 (33) CN                      (43) 27.08.2020                      (72) WANG, Chengjun; SHEN, Yuzhe; MAO, Weidong; HUANG, Shaofu; WANG, Yuezhong; HU, Biao; TAO, Yongshu                      (74) Madderns Pty Ltd</p>
<p>(71) AGOSTINI, L.J.                      (11) AU-A-2020242083                      (21) 2020242083 (22) 13.03.2020                      (54) Progressive cavity pump for the paint-mixing industry                      (51) Int. Cl.  <i>F04C 2/107</i> ( 2006.01 )  <i>F04C 15/00</i> ( 2006.01 )  <i>F04D 29/00</i> ( 2006.01 )                      (87) WO2020/186324                      (31) BR1020190051140 (32) 15.03.19 (33) BR                      (43) 24.09.2020                      (72) AGOSTINI, Leandro José; TAPARELLO DE SOUZA, Marcelo Angelo                      (74) Spruson &amp; Ferguson</p>	<p>(71) AMSTED Rail Company, Inc.                      (11) AU-A-2019302341                      (21) 2019302341 (22) 13.06.2019                      (54) Insert and wear ring for a railway roller bearing                      (51) Int. Cl.</p>	<p>(71) Apple Inc.                      (11) AU-A-2019279007                      (21) 2019279007 (22) 31.05.2019                      (54) Accessing system user interfaces on an electronic device                      (51) Int. Cl.  <i>G06F 3/0482</i> ( 2013.01 )  <i>G06F 3/0488</i> ( 2013.01 )                      (87) WO2019/232428                      (31) 16/146,594 (32) 28.09.18 (33) US                      62/679,503 01.06.18 US                      PA 2018 70332 08.06.18 DK                      (43) 05.12.2019                      (72) IVE, Jonathan P.; BENBASAT, Ari Y.; STRONGWATER, Daniel Max; TRIV-ERIO, Marco; SUNDSTROM, Matthew</p>



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

J.; LITTLEJOHN, Todd J.; CARRIGAN, Taylor G.; MCATEE, Kevin Tyler  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2019346842  
**(21)** 2019346842 **(22)** 30.08.2019  
**(54)** Device control using gaze information  
**(51)** Int. Cl.  
*G06F 3/16* ( 2006.01 )  
**(87)** WO2020/068375  
**(31)** 62/739,087 **(32)** 28.09.18 **(33)** US  
**(43)** 02.04.2020  
**(72)** KELLY, Sean Boland; BACIM DE ARAUJO E SILVA, Felipe; BARK, Karlin  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** argenx BVBA  
**(11)** AU-A-2019283673  
**(21)** 2019283673 **(22)** 07.06.2019  
**(54)** Compositions and methods for treating immune thrombocytopenia  
**(51)** Int. Cl.  
*C07K 16/00* ( 2006.01 )  
*A61K 31/573* ( 2006.01 )  
*A61P 7/04* ( 2006.01 )  
**(87)** WO2019/234713  
**(31)** 62/732,414 **(32)** 17.09.18 **(33)** US  
 62/731,947 16.09.18 US  
 62/682,805 08.06.18 US  
**(43)** 12.12.2019  
**(72)** DE HAARD, Hans; ULRICHTS, Peter; COUSIN, Thierry; LEUPIN, Nicolas; DREIER, Torsten; VAN BRAGT, Tonke  
**(74)** Spruson & Ferguson

**(71)** Baker Hughes, a GE company, LLC  
**(11)** AU-A-2019271868  
**(21)** 2019271868 **(22)** 11.04.2019  
**(54)** Debris management assembly  
**(51)** Int. Cl.  
*E21B 43/114* ( 2006.01 )  
*E21B 27/00* ( 2006.01 )  
*E21B 34/06* ( 2006.01 )  
**(87)** WO2019/221849  
**(31)** 15/978,970 **(32)** 14.05.18 **(33)** US  
**(43)** 21.11.2019  
**(72)** FARRAR, Benjamin; SMITH, James  
**(74)** Patent Attorney Services

**(71)** Baker Hughes Holdings LLC  
**(11)** AU-A-2019271866  
**(21)** 2019271866 **(22)** 11.04.2019  
**(54)** Settable and unsettable device and method  
**(51)** Int. Cl.  
*E21B 33/128* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )  
**(87)** WO2019/221847  
**(31)** 15/983,598 **(32)** 18.05.18 **(33)** US  
**(43)** 21.11.2019  
**(72)** DOANE, James  
**(74)** Patent Attorney Services

**(71)** BASF Agro B.V.  
**(11)** AU-A-2019289932

**(21)** 2019289932 **(22)** 11.06.2019  
**(54)** Method for controlling herbicide resistant or tolerant weeds  
**(51)** Int. Cl.  
*A01N 43/80* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
**(87)** WO2019/243104  
**(31)** 18178706.0 **(32)** 20.06.18 **(33)** EP  
**(43)** 26.12.2019  
**(72)** KRAUS, Helmut; WITSCHHEL, Matthias; SIEVERNICH, Bernd; LANDES, Andreas; KRAEMER, Gerd  
**(74)** Griffith Hack

**(71)** BASF Agro B.V.  
**(11)** AU-A-2019290961  
**(21)** 2019290961 **(22)** 11.06.2019  
**(54)** Herbicidal combination  
**(51)** Int. Cl.  
*A01N 43/80* ( 2006.01 )  
*A01N 43/90* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
**(87)** WO2019/243100  
**(31)** 18178713.6 **(32)** 20.06.18 **(33)** EP  
**(43)** 26.12.2019  
**(72)** KRAUS, Helmut; WITSCHHEL, Matthias; LANDES, Andreas; KRAEMER, Gerd; SIEVERNICH, Bernd  
**(74)** Griffith Hack

**(71)** Baxalta Incorporated; Baxalta GmbH  
**(11)** AU-A-2019290980  
**(21)** 2019290980 **(22)** 18.06.2019  
**(54)** Bottom section for being connected to an assembly with plate settler, and assembly with plate settler  
**(51)** Int. Cl.  
*B01D 21/00* ( 2006.01 )  
*B01D 21/24* ( 2006.01 )  
*B03B 5/30* ( 2006.01 )  
*C12M 1/26* ( 2006.01 )  
**(87)** WO2019/243328  
**(31)** 62/686,258 **(32)** 18.06.18 **(33)** US  
**(43)** 26.12.2019  
**(72)** HAMMERSCHMIDT, Nikolaus; JUNG-BAUER, Alois; ENGELMAIER, Hannah  
**(74)** Spruson & Ferguson

**(71)** Bayer CropScience LP  
**(11)** AU-A-2019277573  
**(21)** 2019277573 **(22)** 30.05.2019  
**(54)** Stabilized fungicidal composition comprising cyclodextrin  
**(51)** Int. Cl.  
*A01N 25/04* ( 2006.01 )  
*A01N 43/56* ( 2006.01 )  
*A01N 43/653* ( 2006.01 )  
**(87)** WO2019/232201  
**(31)** 62/679,561 **(32)** 01.06.18 **(33)** US  
**(43)** 05.12.2019  
**(72)** LE, Duy; MATHEW, Philip; WU, Tai-Teh; ZHANG, Jian; DAS, Anjan  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bayer HealthCare LLC  
**(11)** AU-A-2019281881  
**(21)** 2019281881 **(22)** 30.05.2019

**(54)** Rolling diaphragm syringe with piston engagement portion  
**(51)** Int. Cl.  
*A61M 5/142* ( 2006.01 )  
*A61M 5/00* ( 2006.01 )  
*A61M 5/145* ( 2006.01 )  
*A61M 5/315* ( 2006.01 )  
**(87)** WO2019/236367  
**(31)** 62/680,304 **(32)** 04.06.18 **(33)** US  
**(43)** 12.12.2019  
**(72)** SPOHN, Michael; COWAN, Kevin; TUCKER, Barry  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Baylor University  
**(11)** AU-A-2019288154  
**(21)** 2019288154 **(22)** 18.06.2019  
**(54)** Metasurface on optical fiber and related method  
**(51)** Int. Cl.  
*G02B 1/00* ( 2006.01 )  
*G02B 6/26* ( 2006.01 )  
*G02F 1/00* ( 2006.01 )  
**(87)** WO2019/246012  
**(31)** 62/686,765 **(32)** 19.06.18 **(33)** US  
**(43)** 26.12.2019  
**(72)** LEE, Ho Wai Howard; YANG, Jingyi; GHIMIRE, Indra  
**(74)** Spruson & Ferguson

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2019261961  
**(21)** 2019261961 **(22)** 30.04.2019  
**(54)** Cap with venting plug for biological fluid collection device  
**(51)** Int. Cl.  
*A61B 5/15* ( 2006.01 )  
*A61B 5/153* ( 2006.01 )  
**(87)** WO2019/213089  
**(31)** 62/665,092 **(32)** 01.05.18 **(33)** US  
**(43)** 07.11.2019  
**(72)** IVOSEVIC, Milan; MUTHARD, Ryan W.  
**(74)** FB Rice Pty Ltd

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2019262116  
**(21)** 2019262116 **(22)** 02.05.2019  
**(54)** Closure for a biological fluid collection device  
**(51)** Int. Cl.  
*B01L 3/00* ( 2006.01 )  
*A61B 5/15* ( 2006.01 )  
*A61B 5/153* ( 2006.01 )  
**(87)** WO2019/213397  
**(31)** 62/666,765 **(32)** 04.05.18 **(33)** US  
**(43)** 07.11.2019  
**(72)** TORRIS, Anthony V.; CRAWFORD, Jamieson W.  
**(74)** FB Rice Pty Ltd

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2019262607  
**(21)** 2019262607 **(22)** 03.05.2019  
**(54)** Polymeric dyes and uses thereof  
**(51)** Int. Cl.  
*C07D 311/82* ( 2006.01 )  
*C08G 77/44* ( 2006.01 )

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- C09B 69/10** ( 2006.01 )  
**C09D 183/08** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**(87)** WO2019/213553  
**(31)** 62/667,353 **(32)** 04.05.18 **(33)** US  
**(43)** 07.11.2019  
**(72)** PETISCE, James R.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2019263068  
**(21)** 2019263068 **(22)** 30.04.2019  
**(54)** Biological fluid micro-sample management device  
**(51)** Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/153** ( 2006.01 )  
**(87)** WO2019/213078  
**(31)** 62/665,100 **(32)** 01.05.18 **(33)** US  
**(43)** 07.11.2019  
**(72)** EDELHAUSER, Adam  
**(74)** FB Rice Pty Ltd
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- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2019263081  
**(21)** 2019263081 **(22)** 30.04.2019  
**(54)** Squeeze activated blood collection set  
**(51)** Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/153** ( 2006.01 )  
**A61B 5/154** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**(87)** WO2019/213097  
**(31)** 62/665,108 **(32)** 01.05.18 **(33)** US  
**(43)** 07.11.2019  
**(72)** WILKINSON, Bradley M.; NEWBY C., Mark  
**(74)** FB Rice Pty Ltd
- 
- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2019274523  
**(21)** 2019274523 **(22)** 22.05.2019  
**(54)** Blood collection assembly with vibration module  
**(51)** Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/151** ( 2006.01 )  
**(87)** WO2019/226754  
**(31)** 62/676,325 **(32)** 25.05.18 **(33)** US  
**(43)** 28.11.2019  
**(72)** IVOSEVIC, Milan  
**(74)** FB Rice Pty Ltd
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- (71)** Becton, Dickinson and Company  
**(11)** AU-A-2019287506  
**(21)** 2019287506 **(22)** 13.06.2019  
**(54)** Atmospheric-balanced vacuum for blood gas sample stabilization with an evacuated container  
**(51)** Int. Cl.  
**A61B 5/15** ( 2006.01 )  
**A61B 5/154** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**(87)** WO2019/241537  
**(31)** 62/684,800 **(32)** 14.06.18 **(33)** US
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- (43)** 19.12.2019  
**(72)** BLAKE, Alexander, James; RAVERDY-WILSON, Sylvine; EDELHAUSER, Adam  
**(74)** FB Rice Pty Ltd
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- (71)** Beijing Future Navigation Technology Co., Ltd  
**(11)** AU-A-2018426707  
**(21)** 2018426707 **(22)** 20.11.2018  
**(54)** Precise point position and real-time kinematic (PPP-RTK) positioning method and device  
**(51)** Int. Cl.  
**G01S 19/44** ( 2010.01 )  
**(87)** WO2019/233039  
**(31)** 201810564952.4 **(32)** 04.06.18 **(33)** CN  
**(43)** 12.12.2019  
**(72)** MU, Xucheng  
**(74)** Shelston IP Pty Ltd.
- 
- (71)** Beijing Future Navigation Technology Co., Ltd  
**(11)** AU-A-2018426890  
**(21)** 2018426890 **(22)** 23.11.2018  
**(54)** Fast and precise positioning method and system  
**(51)** Int. Cl.  
**G01S 19/46** ( 2010.01 )  
**(87)** WO2019/233045  
**(31)** 201810566043.4 **(32)** 04.06.18 **(33)** CN  
**(43)** 12.12.2019  
**(72)** MU, Xucheng  
**(74)** Shelston IP Pty Ltd.
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- (71)** Beijing Future Navigation Technology Co., Ltd  
**(11)** AU-A-2018426891  
**(21)** 2018426891 **(22)** 23.11.2018  
**(54)** Navigation enhancement method and system  
**(51)** Int. Cl.  
**G01S 19/10** ( 2010.01 )  
**G01S 19/07** ( 2010.01 )  
**(87)** WO2019/233046  
**(31)** 201810566046.8 **(32)** 04.06.18 **(33)** CN  
**(43)** 12.12.2019  
**(72)** MU, Xucheng  
**(74)** Shelston IP Pty Ltd.
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- (71)** Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.  
**(11)** AU-A-2020239647  
**(21)** 2020239647 **(22)** 10.03.2020  
**(54)** Magnetic pole module and rotor for permanent magnet generator  
**(51)** Int. Cl.  
**H02K 1/02** ( 2006.01 )  
**(31)** 201910489956.5 **(32)** 06.06.19 **(33)** CN  
**(43)** 24.12.2020  
**(72)** PENG, Liang; LI, Yanhui; LAN, Bin  
**(74)** Madderns Pty Ltd
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- (71)** Bellaseno GmbH  
**(11)** AU-A-2019286548  
**(21)** 2019286548 **(22)** 12.06.2019
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- (54)** 3D printed implant with internal channels  
**(51)** Int. Cl.  
**A61F 2/12** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
**A61F 2/00** ( 2006.01 )  
**A61L 27/18** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )  
**A61L 27/58** ( 2006.01 )  
**B33Y 50/00** ( 2015.01 )  
**B33Y 80/00** ( 2015.01 )  
**(87)** WO2019/238716  
**(31)** 18177214.6 **(32)** 12.06.18 **(33)** EP  
**(43)** 19.12.2019  
**(72)** CHHAYA, Mohit Prashant; DESAI, Arpita; KHANI, Navid; LUCAROTTI, Sara  
**(74)** Spruson & Ferguson
- 
- (71)** BeyondSpring Pharmaceuticals, Inc.  
**(11)** AU-A-2019278886  
**(21)** 2019278886 **(22)** 30.05.2019  
**(54)** Composition and method of treating cancer associated with EGFR mutation  
**(51)** Int. Cl.  
**A61K 31/496** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/232257  
**(31)** 62/679,619 **(32)** 01.06.18 **(33)** US  
**(43)** 05.12.2019  
**(72)** HUANG, Lan; LLOYD, George Kenneth  
**(74)** Griffith Hack
- 
- (71)** BioNTech SE  
**(11)** AU-A-2019282316  
**(21)** 2019282316 **(22)** 06.06.2019  
**(54)** Compositions and methods for diagnosis and treatment of cancer  
**(51)** Int. Cl.  
**C07K 14/78** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(87)** WO2019/234190  
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**G06T 7/00** ( 2017.01 )  
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*A61L 15/24* ( 2006.01 )  
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*A61B 18/12* ( 2006.01 )  
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**C12N 15/85** ( 2006.01 )
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**A01K 67/027** ( 2006.01 )  
**C07K 16/00** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )
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**A01K 67/02** ( 2006.01 )  
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**C07K 14/46** ( 2006.01 )  
**C07K 16/02** ( 2006.01 )  
**C12N 5/0781** ( 2010.01 )  
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**G06T 11/60** ( 2006.01 )  
**A45D 42/08** ( 2006.01 )  
**A45D 44/00** ( 2006.01 )  
**A47F 11/06** ( 2006.01 )  
**A47G 1/16** ( 2006.01 )  
**A61B 5/11** ( 2006.01 )
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**A61F 2/08** ( 2006.01 )
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**D01F 9/22** ( 2006.01 )
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**B65G 47/54** ( 2006.01 )
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**H02J 3/38** ( 2006.01 )  
**B60L 53/00** ( 2019.01 )  
**H02J 3/32** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
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**G06N 3/02** ( 2006.01 )  
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**G05G 1/30** ( 2008.04 )  
**A41D 1/00** ( 2018.01 )  
**A43B 3/00** ( 2006.01 )  
**H01H 3/14** ( 2006.01 )  
**H01H 13/16** ( 2006.01 )
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**A23L 29/256** ( 2016.01 )  
**A23L 2/52** ( 2006.01 )  
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**G10K 11/175** ( 2006.01 )  
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**H04R 3/00** ( 2006.01 )
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 A45F 3/22 ( 2006.01 )  
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**B01D 19/00** ( 2006.01 )  
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*E04D 5/10* ( 2006.01 )  
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*F26B 11/04* ( 2006.01 )  
*F27D 9/00* ( 2006.01 )  
*F27D 15/02* ( 2006.01 )  
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**B67D 1/12** ( 2006.01 )  
**G01F 1/56** ( 2006.01 )  
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**B60G 7/04** ( 2006.01 )  
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**A61B 1/273** ( 2006.01 )  
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**B66B 1/46** ( 2006.01 )  
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**G07C 9/00** ( 2020.01 )  
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 comprising same  
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**A62C 3/16** ( 2006.01 )  
**A62C 37/38** ( 2006.01 )  
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D06F 39/08 ( 2006.01 )  
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D06F 33/30 ( 2020.01 )  
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C30B 25/20 ( 2006.01 )  
C23C 16/26 ( 2006.01 )  
C23C 16/27 ( 2006.01 )  
C30B 25/02 ( 2006.01 )  
C30B 25/04 ( 2006.01 )  
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F03B 13/20 ( 2006.01 )  
F03B 13/14 ( 2006.01 )  
F03B 13/16 ( 2006.01 )  
F03B 13/18 ( 2006.01 )  
F03D 9/00 ( 2016.01 )
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G06K 9/00 ( 2006.01 )  
G06K 19/08 ( 2006.01 )  
H04L 9/08 ( 2006.01 )  
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A61G 5/10 ( 2006.01 )  
A47C 7/00 ( 2006.01 )  
B60B 33/00 ( 2006.01 )  
B60T 7/08 ( 2006.01 )  
B60T 11/04 ( 2006.01 )  
B62B 5/04 ( 2006.01 )  
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**B65F 1/16** ( 2006.01 )  
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**E05D 11/08** ( 2006.01 )  
**E05F 3/20** ( 2006.01 )  
**E05F 5/02** ( 2006.01 )  
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**B01J 23/28** ( 2006.01 )  
**B01J 23/46** ( 2006.01 )  
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**C01C 1/04** ( 2006.01 )  
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**G01L 1/22** ( 2006.01 )  
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**A63B 60/46** ( 2015.01 )  
**G01L 5/16** ( 2006.01 )  
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**B32B 15/14** ( 2006.01 )  
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**B32B 27/12** ( 2006.01 )  
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**(54)** A method to increase blood flow and metabolic rate of eye ground  
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<b>2018422091</b>	Tsinghua University	<b>2019265569</b>	The University of Chicago
<b>2018422255</b>	NTT DoCoMo, Inc.	<b>2019265733</b>	Talis Biomedical Corporation
<b>2018422270</b>	NTT DoCoMo, Inc.	<b>2019265852</b>	Domalina Pty Ltd ATF the Domalina Unit Trust
<b>2018423766</b>	Twobull MeDiTherapy P.C.	<b>2019265854</b>	M7D Corporation
<b>2018425454</b>	Paccar Inc.	<b>2019266386</b>	Genomics England Limited
<b>2018425455</b>	Paccar Inc.	<b>2019267139</b>	MWdesign Limited
<b>2018425456</b>	Paccar Inc.	<b>2019267311</b>	Nemo Power Tools Ltd.
<b>2018425457</b>	Paccar Inc.	<b>2019268319</b>	New York University; Yeda Research and Development Co. Ltd.
<b>2018425458</b>	Paccar Inc.	<b>2019268346</b>	University of Washington
<b>2018425461</b>	Cypris Medical, Inc.	<b>2019268508</b>	Grenzebach BSH GmbH
<b>2018425465</b>	Otonexus Medical Technologies, Inc.	<b>2019269094</b>	Johnson Matthey Davy Technologies Limited
<b>2018425507</b>	Suven Life Sciences Limited	<b>2019269108</b>	University of Leeds
<b>2018425705</b>	Kimberly-Clark Worldwide, Inc.	<b>2019269599</b>	Thuuz, Inc.
<b>2018425837</b>	China Academy of Railway Sciences Corporation Limited Railway Engineering Research Institute; China Academy of Railway Sciences Corporation Limited; Beijing Tiekong Shougang Track Technology Co., Ltd	<b>2019269631</b>	USNR, LLC
		<b>2019269702</b>	Housey Pharmaceutical Research Laboratories, L.L.C.
		<b>2019269746</b>	Deep Labs, Inc.
<b>2018425901</b>	Copperprotek SpA.	<b>2019270089</b>	University of Tennessee Research Foundation; Veru INC
<b>2018426291</b>	Paccar Inc.	<b>2019270091</b>	University of Tennessee Research Foundation
<b>2018426707</b>	Beijing Future Navigation Technology Co., Ltd	<b>2019270613</b>	RAI Strategic Holdings, Inc.
<b>2018426890</b>	Beijing Future Navigation Technology Co., Ltd	<b>2019270627</b>	RAI Strategic Holdings, Inc.
<b>2018426891</b>	Beijing Future Navigation Technology Co., Ltd	<b>2019270825</b>	FreeFall Aerospace, Inc.
<b>2018426910</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	<b>2019271131</b>	Outer, Inc.
		<b>2019271148</b>	Werewolf Therapeutics, Inc.
<b>2018426942</b>	KÖNIG, M.	<b>2019271730</b>	Dotterel Technologies Limited
<b>2018427211</b>	GCP Applied Technologies Inc.	<b>2019271866</b>	Baker Hughes Holdings LLC
<b>2018427471</b>	Hitachi, Ltd.	<b>2019271868</b>	Baker Hughes, a GE company, LLC
<b>2018427962</b>	Siemens Aktiengesellschaft	<b>2019272364</b>	Huawei Technologies Co., Ltd.
<b>2018427986</b>	Sandvik SRP AB	<b>2019272379</b>	Guangzhou Virotech Pharmaceutical Co., Ltd.
<b>2018429898</b>	Electrolux Appliances Aktiebolag	<b>2019272820</b>	Rhodia Operations; Georges Pernoud SAS; Billion SAS
<b>2018430027</b>	Huawei Technologies Co., Ltd.	<b>2019273174</b>	Bridgestone Corporation
<b>2018431328</b>	Sandvik Mining and Construction G.m.b.H.	<b>2019273741</b>	Universite Claude Bernard Lyon 1; Centre National de la Recherche Scientifique (CNRS); Ecole Normale Supérieure de Lyon; Institut National de la Sante et de la Recherche Medicale (INSERM); Universite Laval
<b>2018431365</b>	TRUOSOLO, B.		Chronotech (Pty) Ltd
<b>2018434686</b>	Google LLC	<b>2019273819</b>	Becton, Dickinson and Company
<b>2019256268</b>	LG Electronics Inc.	<b>2019274523</b>	Creative Biosciences (Guangzhou) Co., Ltd.
<b>2019257732</b>	Boston Scientific Neuromodulation Corporation	<b>2019274887</b>	The University Court of The University of Edinburgh
<b>2019260038</b>	Ahmed, Z.; Dociety Technologies Private Limited; Mio Ahmed	<b>2019274937</b>	Field Orthopaedics Pty Ltd
		<b>2019275477</b>	Breville Pty Limited
<b>2019260798</b>	The Board of Trustees of the University of Illinois; YONG, M.J.; NIEDERBERGER, C.; PFANNER, S.P.; GRAHAM, A.; GARCIA, J.; SHAH, S.; COVNOT, L.; AHSAN, Z.; WILKENS, K.; LUCIANO, C.	<b>2019275483</b>	Protechna S.A.
		<b>2019275890</b>	Xefco Pty Ltd
<b>2019261205</b>	LG Electronics Inc.	<b>2019275943</b>	Innovgas Pty Ltd
<b>2019261211</b>	SkyLab Networks Pte. Ltd.	<b>2019275944</b>	Oakmoore Pty Ltd
<b>2019261961</b>	Becton, Dickinson and Company	<b>2019275945</b>	Oakmoore Pty Ltd
<b>2019262084</b>	MeetingQuality Pty. Ltd.	<b>2019275946</b>	Oakmoore Pty Ltd
<b>2019262116</b>	Becton, Dickinson and Company	<b>2019275947</b>	Oakmoore Pty Ltd
<b>2019262195</b>	Incyte Corporation	<b>2019275948</b>	Xefco Pty Ltd
<b>2019262284</b>	Tianjin Hemay Pharmaceutical Co., Ltd.	<b>2019275949</b>	MGB Rentals Pty Ltd
<b>2019262579</b>	Incyte Corporation	<b>2019275956</b>	Esteve Pharmaceuticals, S.A.; Universitat Autònoma De Barcelona
<b>2019262607</b>	Becton, Dickinson and Company	<b>2019275986</b>	Bühler AG
<b>2019262689</b>	Hendrickson USA, L.L.C.	<b>2019276071</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; NEXT11 TECHNOLOGIES
<b>2019263068</b>	Becton, Dickinson and Company		Jennewein Biotechnologie GmbH
<b>2019263081</b>	Becton, Dickinson and Company	<b>2019276095</b>	Guangzhou Xaircraft Technology Co., Ltd.
<b>2019263233</b>	The United States of America, as Represented by The Secretary, Department of Health and Human Services	<b>2019276115</b>	Entic Research & Training Center BVBA
		<b>2019276182</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co.,Ltd.
<b>2019263303</b>	Ambrx, Inc.	<b>2019276336</b>	Sanofi; Evotec International GmbH
<b>2019263465</b>	OncoSec Medical Incorporated		Rakuten Medical, Inc.
<b>2019263657</b>	Climate Solutions ApS	<b>2019276372</b>	Onogene Biotechnology Inc.
<b>2019263781</b>	Squall E.M.T Ltd.	<b>2019276572</b>	OBI Pharma, Inc.
<b>2019263865</b>	Tianjin Hemay Pharmaceutical Co., Ltd.	<b>2019276622</b>	Marine Power Systems Limited
<b>2019264092</b>	Twinpigbiolab. Inc.	<b>2019276647</b>	InterDigital VC Holdings, Inc.
<b>2019264159</b>	SCF Pharma Inc.	<b>2019276772</b>	
<b>2019264209</b>	Movotec A/S; Københavns Universitet	<b>2019276881</b>	
<b>2019264275</b>	Merck Patent GmbH		
<b>2019264511</b>	FALCK-SCHMIDT, J.		
<b>2019264701</b>	EPC Natural Products., Ltd.; SHI, Weiyao		

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2019277108	Vitalant	2019289176	UCB Biopharma SRL; Oxford University Innovation Limited; The University of Adelaide
2019277128	The Coca-Cola Company	2019289201	Subsea 7 Limited
2019277194	MGB Rentals Pty Ltd	2019289589	EDWARDS, H.
2019277200	GREENING INVESTMENTS PTY LTD	2019289932	BASF Agro B.V.
2019277208	Oakmoore Pty Ltd	2019289987	Synformulas GmbH
2019277209	Oakmoore Pty Ltd	2019290036	Sapien CYBER Limited
2019277211	Royal Melbourne Institute of Technology	2019290046	Fluid Energy Group Ltd.
2019277220	Curiouser Products Inc.	2019290617	Carleton Technologies, Inc.
2019277233	MTD Products Inc	2019290751	Huawei Technologies Co., Ltd.
2019277240	Dhupar Innovations, LLC	2019290961	BASF Agro B.V.
2019277321	GC Corporation	2019290980	Baxalta Incorporated; Baxalta GmbH
2019277439	Nippon Telegraph and Telephone Corporation	2019291050	F. Hoffmann-La Roche AG
2019277550	Toray Industries, Inc.	2019291296	Sercel
2019277573	Bayer CropScience LP	2019291675	Rochman, T.
2019277577	Sorrento Therapeutics, Inc.	2019291827	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2019277632	Ono Pharmaceutical Co., Ltd.; National Cancer Center Japan	2019292074	Simms Fishing Products LLC
2019277665	Stryker Corporation	2019293232	Children's Medical Center Corporation
2019277679	Eisai R&D Management Co., Ltd.	2019294045	Electrolux Appliances Aktiebolag
2019277915	OncoHost LTD	2019294414	F. Hoffmann-La Roche AG
2019278071	Mitsui Chemicals, Inc.	2019294941	Inventio AG
2019278517	Creo Medical Limited	2019295027	Breath Therapeutics GmbH
2019278518	Creo Medical Limited	2019295397	South East Water Corporation
2019278596	Evax AG	2019295401	McCormish, C.; Casey, S.
2019278845	Leverton Holding LLC	2019295418	Monash University
2019278886	BeyondSpring Pharmaceuticals, Inc.	2019295438	2599218 Ontario Inc.
2019278918	The Flinders University of South Australia; The University of Melbourne	2019295764	Magna Imperio Systems Corp.
2019278927	Progenity, Inc.	2019295865	Inventio AG
2019278994	Synlogic Operating Company, Inc.	2019295892	Inventio AG
2019279007	Apple Inc.	2019296127	Inventio AG
2019279012	Eisai R&D Management Co., Ltd.	2019297093	Gebauer- Klopotek Patent Verwaltungs-UG
2019280686	Cytec Industries, Inc.	2019297391	F. Hoffmann-La Roche AG
2019281007	WOOD, S.R.; HRADNANSKY, J.	2019298824	Trojan Technologies Group ULC
2019281024	4D Pharma PLC	2019299116	DAIHEN Corporation
2019281202	Loyalty Angels Ltd	2019301150	Listat Ltd.
2019281218	Crt Pioneer Fund Lp	2019301234	McNeil AB
2019281881	Bayer HealthCare LLC	2019301944	Novartis AG
2019281913	Rheinmetall Landsysteme GmbH	2019301947	Novartis AG
2019282279	CASONI, P.	2019302341	AMSTED Rail Company, Inc.
2019282316	BioNTech SE	2019302697	F. Hoffmann-La Roche AG
2019282559	Thuuz, Inc.	2019302720	Greenwood-Power GmbH
2019282691	Flagship Pioneering Innovations V, Inc.	2019302995	UCB Biopharma SRL
2019282699	Regeneron Pharmaceuticals, Inc.	2019303248	Thule Sweden AB
2019283247	Toko Yakuhin Kogyo Co., Ltd.	2019303374	Sumitomo Chemical Company, Limited
2019283355	MOBA Group B.V.	2019303909	Société des Produits Nestlé S.A.
2019283359	Heineken Supply Chain B.V.	2019304526	AiCuris GmbH & Co. KG; Friedrich-Alexander-Universität Erlangen-Nürnberg
2019283673	argenx BVBA	2019306821	Novartis AG
2019284229	Clearwater Seafoods Limited Partnership	2019309168	F. Hoffmann-La Roche AG
2019284238	2144811 Alberta Inc.; MAGNUS, A.K.; BOWES, D.C.	2019309314	HAM, K.C.
2019284252	Crystal Bioscience Inc.	2019327393	TTi (Macao Commercial Offshore) Limited
2019284255	Crystal Bioscience Inc.	2019343174	TTi (Macao Commercial Offshore) Limited
2019284256	Crystal Bioscience Inc.	2019345314	TTi (Macao Commercial Offshore) Limited
2019284446	Daifuku Co., Ltd.	2019346842	Apple Inc.
2019284792	Bired Imaging, Inc.	2019401975	Fletcher Building Holdings Limited
2019284804	Rheinmetall Landsysteme GmbH	2019420039	Cosmed Pharmaceutical Co., Ltd.
2019284885	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2019427988	Soochow University
2019284919	Wing Aviation LLC	2019429490	Anhui University of Science and Technology
2019284944	Inventio AG	2019430754	Anhui University of Science and Technology
2019285373	Intelligent Drilling Applications & Technology Pty Ltd	2019449030	China University of Mining and Technology, Beijing
2019286280	Wesco Distribution, Inc.	2020209708	Dunlop, C.
2019286402	Foundation Medicine, Inc.	2020215910	Sekisui House, Ltd.
2019286548	Bellaseno GmbH	2020220214	Nanjing Normal University
2019286629	Stryker European Operations Limited	2020225801	LG Chem, Ltd.
2019286662	Endoron Medical Ltd	2020227037	Qingdao University of Technology
2019287506	Becton, Dickinson and Company	2020233703	Zhongshan Ophthalmic Center, Sun Yat-Sen University; Suzhou Xuanjia Optics and Electronics Technology Co. Ltd.
2019287524	Neurocrine Biosciences, Inc.	2020239647	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019287768	Quantum-Si Incorporated	2020242083	AGOSTINI, L.J.
2019288154	Baylor University		
2019288733	Kite Pharma, Inc.		

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**2020264373** Coupang Corp.  
**2020267208** Citrix Systems, Inc.  
**2020279136** BOE Technology Group Co., Ltd.; Beijing BOE Technology Development Co., Ltd.



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2019264701	2019277220	2019268319	2018425507 2019262195 2019262284 2019262579 2019263865 2019264092 2019264159 2019265569 2019268346 2019270089 2019270091 2019273741 2019277679 2019278886 2019278994 2019279012 2019281218 2019282279 2019282691 2019283247 2019283673 2019287524 2019293232 2019294414 2019295027 2019301234 2019301944 2019301947	<b><u>A61K 47 /-</u></b>	2019257732 2019263465 2019276182
<b><u>A23L 29 /-</u></b>	<b><u>A47G 1 /-</u></b>	<b><u>A61B 90 /-</u></b>		2019264092 2019276572 2019279012 2019283247 2019420039	<b><u>A61N 5 /-</u></b>
2019265852	2019277220	2019275944 2019277665 2019286548			2019277915
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2019265852 2019289987	2019275483	2019278071	2019276647	2019268346	2019263865 2019264159 2019289987
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2019283355	2019327393 2019343174 2019345314	2019278071		2019276647	2019263865 2019278994 2019283247
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2019270627	2018429898	2019273819	2019277321		
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2019270613	2018421605 2019327393	2018425705	2019420039	2019420039	2019278918
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2019277240 2019292074	2019327393	2018425461	2019273741 2019277577 2019283247 2019295027 2019301234 2019309168 2019420039		2019278596 2019282279 2019420039
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2019292074	2018421605 2019327393		2019278918		2019263865

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2019268346	2019278994	2018427986	2019295401	2018425456	2018431328
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2018425507	2020225801	2019269108	2019295401	2019295401	2019294941
2019287524	<b><u>A62C 37 /-</u></b>	2019269108	<b><u>B62D 13 /-</u></b>	2018425455	2019295865
<b><u>A61P 29 /-</u></b>	2020225801	<b><u>B09B 5 /-</u></b>	2018425454	2018425456	<b><u>B66B 19 /-</u></b>
2019263865	<b><u>A63B 21 /-</u></b>	2019269108	2018425457	2018425455	2019284944
2019282279	2019284885	<b><u>B23D 47 /-</u></b>	2018426291	2018425456	<b><u>B66B 5 /-</u></b>
2019283247	<b><u>A63B 60 /-</u></b>	2019269631	2018425458	2018425457	2019295892
<b><u>A61P 31 /-</u></b>	<b><u>B01D 19 /-</u></b>	<b><u>B23K 20 /-</u></b>	<b><u>B60G 7 /-</u></b>	2018426291	2019296127
2019263865	2019264209	2019430754	2019262689	2018425454	<b><u>B66C 1 /-</u></b>
2019273741	<b><u>B01D 21 /-</u></b>	2019277128	<b><u>B60H 1 /-</u></b>	2018426291	2019267311
2019276372	2019309168	<b><u>B24B 41 /-</u></b>	2019284804	<b><u>B63B 21 /-</u></b>	<b><u>B67D 1 /-</u></b>
<b><u>A61P 33 /-</u></b>	<b><u>B01D 21 /-</u></b>	2019277128	<b><u>B60J 5 /-</u></b>	2019289201	2019283359
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<b><u>A61P 35 /-</u></b>	<b><u>B01D 45 /-</u></b>	2019277128	2019277209	2019289201	2019295418
2019262195	<b><u>B01D 53 /-</u></b>	<b><u>B24B 7 /-</u></b>	<b><u>B60J 7 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>C01F 11 /-</u></b>
2019262284	2019284238	2019277128	2019275945	2019284919	2019263657
2019262579	<b><u>B01D 53 /-</u></b>	<b><u>B25J 11 /-</u></b>	2019275946	<b><u>B64F 1 /-</u></b>	<b><u>C01G 3 /-</u></b>
2019263865	2019263657	2019430754	2019275947	2019284919	2018425901
2019264092	<b><u>B01D 67 /-</u></b>	<b><u>B29C 45 /-</u></b>	2019275948	<b><u>B65B 3 /-</u></b>	<b><u>C01G 49 /-</u></b>
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2019278886	<b><u>B01J 19 /-</u></b>	<b><u>B32B 15 /-</u></b>	2018426942	<b><u>B65D 77 /-</u></b>	<b><u>C02F 9 /-</u></b>
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2019294414	2019295418	2019420039	<b><u>B60T 7 /-</u></b>	2019284229	2019269094
2019301944	<b><u>B01L 3 /-</u></b>	<b><u>B32B 5 /-</u></b>	2019295401	<b><u>B65F 1 /-</u></b>	<b><u>C07C 319 /-</u></b>
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	2019262607	2019275969		2019275948	
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2019301944	2018427211	<b><u>C12P 21 /-</u></b>	<b><u>E01B 3 /-</u></b>	2019285373	<b><u>F16K 11 /-</u></b>
2019301947	<b><u>C09K 8 /-</u></b>	2019277550	2018425837	<b><u>E21B 27 /-</u></b>	2019274937
2019303374	2019290046	<b><u>C12P 7 /-</u></b>	<b><u>E01F 15 /-</u></b>	2019271868	<b><u>F16K 31 /-</u></b>
<b><u>C07D 403 /-</u></b>	<b><u>C10B 47 /-</u></b>	2019269108	2019401975	<b><u>E21B 33 /-</u></b>	2019263781
2019270089	2019277211	<b><u>C12Q 1 /-</u></b>	<b><u>E03B 7 /-</u></b>	2019271866	<b><u>F16K 37 /-</u></b>
2019270091	<b><u>C10B 53 /-</u></b>	2018423766	2018427471	<b><u>E21B 34 /-</u></b>	2019295397
<b><u>C07D 471 /-</u></b>	2019277211	2019265733	<b><u>E04B 1 /-</u></b>	2019271868	<b><u>F16L 1 /-</u></b>
2019262195	<b><u>C10J 3 /-</u></b>	2019274887	2018426942	<b><u>E21B 43 /-</u></b>	2019289201
2019262579	2019277211	2019278927	2020215910	2019271868	<b><u>F24F 13 /-</u></b>
2019281218	<b><u>C10L 5 /-</u></b>	2019286402	<b><u>E04B 2 /-</u></b>	<b><u>E21B 44 /-</u></b>	2019284804
2019294414	2019269108	2019291827	2020215910	2019285373	<b><u>F24S 40 /-</u></b>
<b><u>C07D 495 /-</u></b>	<b><u>C12C 11 /-</u></b>	<b><u>C23C 16 /-</u></b>	<b><u>E04C 2 /-</u></b>	<b><u>E21C 25 /-</u></b>	2019291675
2019262284	2019289589	2019265854	2020215910	2019449030	<b><u>F26B 11 /-</u></b>
2019263865	2019289589	<b><u>C23F 11 /-</u></b>	<b><u>E04D 5 /-</u></b>	<b><u>F01K 3 /-</u></b>	2019268508
<b><u>C07K 1 /-</u></b>	<b><u>C12C 13 /-</u></b>	<b><u>C23G 1 /-</u></b>	2018427211	2019274937	<b><u>F26B 15 /-</u></b>
2019276622	2019289589	2019290046	<b><u>E04H 12 /-</u></b>	<b><u>F01L 9 /-</u></b>	2019283355
<b><u>C07K 14 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C25B 1 /-</u></b>	2019264511	2019263781	<b><u>F26B 21 /-</u></b>
2019263233	2019269108	2019295418	<b><u>E04H 15 /-</u></b>	<b><u>F03B 13 /-</u></b>	2019283355
2019263303	2019290980	<b><u>C30B 25 /-</u></b>	2019275943	2019276772	<b><u>F27B 7 /-</u></b>
2019271148	<b><u>C12N 1 /-</u></b>	2019265854	<b><u>E04H 6 /-</u></b>	<b><u>F03D 9 /-</u></b>	2019268508
2019276622	2019277550	<b><u>C30B 29 /-</u></b>	2019284919	2019276772	<b><u>F27D 15 /-</u></b>
2019278596	2019282316	2019265854	<b><u>E05B 83 /-</u></b>	<b><u>F04C 15 /-</u></b>	2019268508
2019282316	<b><u>C12N 15 /-</u></b>	<b><u>C40B 40 /-</u></b>	2019275948	2020242083	<b><u>F27D 9 /-</u></b>
2019282699	2019263303	2019286402	<b><u>E05C 9 /-</u></b>	<b><u>F04C 2 /-</u></b>	2019268508
2019284256	2019263465	<b><u>C40B 50 /-</u></b>	2019275948	2020242083	<b><u>F28D 11 /-</u></b>
2019284256	2019266386	2019286402	<b><u>E05D 11 /-</u></b>	<b><u>F04D 29 /-</u></b>	2019268508
2019295764	2019268346	<b><u>D01F 9 /-</u></b>	2019277194	2020242083	<b><u>F28F 1 /-</u></b>
2019302995	2019274887	2019280686	<b><u>E05F 3 /-</u></b>	<b><u>F15B 18 /-</u></b>	2019268508
<b><u>C07K 19 /-</u></b>	2019275969	<b><u>D06F 33 /-</u></b>	2019277194	2018431328	<b><u>F41A 23 /-</u></b>
2019271148	2019277550	2019256268	<b><u>E05F 5 /-</u></b>	<b><u>F16C 19 /-</u></b>	2019281913
2019302995	2019282316	2019261205	2019277194	2019302341	<b><u>F41H 7 /-</u></b>
<b><u>C08G 77 /-</u></b>	2019282699	<b><u>D06F 39 /-</u></b>	<b><u>E06B 9 /-</u></b>		2019284804
2019262607	2019284252	2019256268			
<b><u>C08K 3 /-</u></b>	2019284252	2019261205			
2018425901	2019284255				
<b><u>C09B 69 /-</u></b>	2019284256				
2019262607	2019288733				
	2019291050				
	2019297391				

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<b><u>G01B 11 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01M 4 /-</u></b>	<b><u>H04W 16 /-</u></b>
2019273174	2019288154	2018427471 2019309314	2019295418	2018422255
<b><u>G01F 1 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06T 11 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H04W 24 /-</u></b>
2019283359	2018425454 2018425455 2018425456 2018425457 2018426291	2019277220	2019270825	2018422270 2019276336
<b><u>G01F 13 /-</u></b>		<b><u>G06T 7 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H04W 36 /-</u></b>
2019283359		2019284792	2019270825	
<b><u>G01F 23 /-</u></b>	<b><u>G05G 1 /-</u></b>	<b><u>G07C 9 /-</u></b>	<b><u>H02G 3 /-</u></b>	2019272364 2019290751
2019283359	2019275986 2019277240	2019294941	2019286280	<b><u>H04W 72 /-</u></b>
<b><u>G01L 1 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G10K 11 /-</u></b>	<b><u>H02G 9 /-</u></b>	2018422255 2018422270
2019264209	2019261211 2019290036 2019301150 2020267208	2019271730	2019286280	
<b><u>G01L 5 /-</u></b>		<b><u>G10L 21 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04W 84 /-</u></b>
2019264209		2019271730	2018427962 2019299116	2019261211
<b><u>G01M 7 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G10L 25 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H05B 6 /-</u></b>
2019429490	2018430027 2019279007 2019346842	2019282559	2019299116	2019294045
<b><u>G01N 1 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G16H 20 /-</u></b>	<b><u>H02J 9 /-</u></b>	
2019266386	2019260038 2019278845	2019276071	2019299116	
<b><u>G01N 21 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G16H 50 /-</u></b>	<b><u>H02K 1 /-</u></b>	
2019262607 2019287768	2019262084	2019281024	2020239647	
<b><u>G01N 33 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>H01G 17 /-</u></b>	<b><u>H02S 40 /-</u></b>	
2019276622 2019277632 2019282316	2019264275	2019302720	2019291675	
<b><u>G01R 15 /-</u></b>	<b><u>G06K 7 /-</u></b>	<b><u>H01G 4 /-</u></b>	<b><u>H04L 12 /-</u></b>	
2019302720	2019294941	2019302720	2019277439 2019301150	
<b><u>G01R 33 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>H01H 13 /-</u></b>	<b><u>H04L 29 /-</u></b>	
2018422091	2018427962 2019264275 2019268319 2019276115 2019278845	2019277240	2019290036 2019301150	
<b><u>G01S 19 /-</u></b>	<b><u>G06N 10 /-</u></b>	<b><u>H01H 3 /-</u></b>	<b><u>H04L 9 /-</u></b>	
2018426707 2018426890 2018426891	2018434686	2019277240	2019261211 2019264275	
<b><u>G01V 1 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>H01L 21 /-</u></b>	<b><u>H04M 3 /-</u></b>	
2019291296	2019268319 2019269746	2018434686	2019260038	
<b><u>G01W 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>H01L 23 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2018427962	2019262084 2020264373	2018434686	2019276881	
<b><u>G02B 1 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H04N 21 /-</u></b>	
2019288154	2019281202	2020279136	2019269599 2019282559	
<b><u>G02B 6 /-</u></b>		<b><u>H01M 10 /-</u></b>	<b><u>H04R 3 /-</u></b>	
2019286280 2019288154		2018426910 2020225801	2019271730	
		<b><u>H01M 2 /-</u></b>	<b><u>H04W 12 /-</u></b>	
		2020225801	2019261211	

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**A61F 2/00** ( 2006.01 )  
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**C07D 205/04** ( 2006.01 )  
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**G06F 9/44** ( 2006.01 )  
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**A01H 5/00** ( 2006.01 )

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**C12N 15/82** ( 2006.01 )  
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**C22C 38/58** ( 2006.01 )  
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**A01N 43/90** ( 2006.01 )  
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 C08K 3/34 ( 2006.01 )  
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**A61P 19/00** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
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**C07D 405/14** ( 2006.01 )  
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**A01P 21/00** ( 2006.01 )  
**C09D 105/00** ( 2006.01 )  
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**C12R 1/01** ( 2006.01 )  
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**H04B 1/66** ( 2006.01 )  
**H04N 19/593** ( 2014.01 )  
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**H04W 80/02** ( 2009.01 )  
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**H04J 11/00** ( 2006.01 )  
**H04W 72/00** ( 2009.01 )  
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**A61K 39/108** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
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**G01S 3/46** ( 2006.01 )  
**G01S 5/02** ( 2010.01 )  
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 A01K 67/027 ( 2006.01 )  
 C12N 15/85 ( 2006.01 )  
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**(54)** Rapidly repositionable powered support arm  
**(51)** Int. Cl.  
**E04G 3/00** ( 2006.01 )  
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**(31)** 62/280,631 **(32)** 19.01.16 **(33)** US  
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**(51)** Int. Cl.  
**H04N 21/435** ( 2011.01 )  
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**(21)** 2016317252 **(22)** 30.08.2016  
**(54)** Transmission device, transmission method, reception device, and reception method  
**(51)** Int. Cl.  
**H04N 19/31** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
**H04N 19/85** ( 2014.01 )  
**(87)** WO2017/038800  
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**(44)** 24.12.2020  
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**(11)** AU-B-2020202419  
**(21)** 2020202419 **(22)** 08.04.2020  
**(54)** Image encoding device and method, and image decoding device and method  
**(51)** Int. Cl.  
**H04N 19/70** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
**H04N 19/134** ( 2014.01 )  
**H04N 19/174** ( 2014.01 )  
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2014343127	Pastoral Robotics Limited	2016232301	BioNTech SE
2014352999	Bangladesh Jute Research Institute	2016239875	CommScope Connectivity Belgium BVBA
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2014374035	Sleep Number Corporation	2016243428	Global Blood Therapeutics, Inc.
2015203217	Tata Consultancy Services Limited	2016246108	Zehnder Group International AG
2015209763	BioGaia AB	2016246708	Acceleron Pharma Inc.
2015213570	Vela Operations Singapore Pte. Ltd.	2016247920	The United States of America, as represented by the Secretary Department of Health and Human Services; Fundacio Institut Catala D'Investigacio Quimica; Universitat Rovira I Virgili
2015220749	Ventana Medical Systems, Inc.		Caterpillar Inc.
2015221885	Mologic Limited	2016247934	Hetero Labs Ltd
2015229270	Western Sydney Local Health District; Icahn School of Medicine at Mount Sinai	2016248025	Allnex Netherlands B.V.
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2015244814	Chugai Seiyaku Kabushiki Kaisha	2016250030	Enduro Tags Pty Ltd
2015250843	Novomatic AG	2016250901	Gambro Lundia AB
2015252726	QU Biologics Inc.	2016256176	ABB Limited
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2015258875	Baylor Research Institute	2016260521	Metso Minerals, Inc.
2015259053	Amgen Inc.	2016260993	PACCAR Inc
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2015264909	Semitech Semiconductor Pty Ltd	2016266968	Curegenix Corporation
2015265900	UCB Biopharma SPRL	2016267142	Weatherford Technology Holdings, LLC
2015269219	Memorial Sloan-Kettering Cancer Center; The United States of America as represented by The Secretary, Department of Health and Human Services	2016268394	Sanofi-Aventis Deutschland GmbH
2015277400	Amazon Technologies, Inc.	2016269698	Regeneron Pharmaceuticals, Inc.
2015279265	Novomatic AG	2016270587	TechSource, Inc.
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2015289691	Ceres, Inc.	2016271153	AnaBio Technologies Limited
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2015321046	INFICON GmbH	2016277627	ABB Schweiz AG
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2015339203	Textile-Based Delivery, Inc.	2016281424	National Institute of Biological Sciences, Beijing
2015341661	Enevo Oy	2016282121	University Health Network
2015345210	Schreder	2016282289	Henkel AG & Co. KGaA; Technische Universität Dresden Fachbereich Anorganische Chemie I
2015348778	Active Biotech AB	2016282356	Coloplast A/S
2015353251	Baoshan Iron & Steel Co., Ltd.	2016283336	Oldcastle Architectural, Inc.
2015353761	Evoqua Water Technologies LLC	2016283500	ATI Properties LLC
2015354382	Medmont International Pty Ltd	2016283942	Profusa, Inc.
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2015368587	Kabushiki Kaisha EarthTechnica	2016286182	Coravin, Inc.
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2015370918	NBE-Therapeutics AG	2016288513	Sony Corporation
2015371722	GALDERMA S.A.	2016289048	Five Eleven Pharma Inc.
2015372945	Metimedi Pharmaceuticals Co., Ltd	2016289474	BeyondSpring Pharmaceuticals, Inc
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2015406995	Halliburton Energy Services, Inc.	2016292643	BASF Agro B.V.
2015406996	Halliburton Energy Services, Inc.	2016292678	BASF Agro B.V.
2015411377	Topcon Positioning Systems, Inc.	2016294380	DB Patents Ltd.
2015414802	EOS Imaging	2016294578	Plon, R.
2016200875	Vorwerk & Co. Interholding GmbH	2016295313	Celgene Corporation
2016201108	The Boeing Company	2016297784	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
2016201365	Phase 2, LLC	2016299304	Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts
2016202030	The Boeing Company		Adeka Corporation
2016204438	Sulzer Management AG	2016300980	ASAP BreatheAssist Pty Ltd
2016204645	OTICO		UPL Limited
2016206190	Bluescope Steel Limited	2016301584	Rhodia Operations
2016208713	Sandvik Intellectual Property AB	2016302387	Bayer CropScience Aktiengesellschaft
2016215080	The Regents of the University of California	2016305592	
2016217517	Sutta, P.; Leitans, J.	2016306551	
2016220222	Akros Medical, Inc.	2016307233	

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2016307584	LG Electronics Inc.	2017285142	Gyroscope Therapeutics Limited
2016309710	Crown Equipment Corporation	2017292952	Zhang, S.
2016310755	Sony Corporation	2017301997	etaEM GmbH
2016311094	The Regents of the University of California; Syngenta Participations AG	2017313420	Pfizer Inc.
2016313228	FemtoGenix Limited	2017316910	Sumitomo Chemical Company, Limited
2016315139	CHR. Hansen A/S	2017317988	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2016317252	Sony Corporation	2017322239	Lifetime Products, Inc.
2016318049	Huhtamaki Molded Fiber Technology B.V.	2017326013	Prilenia Neurotherapeutics Ltd
2016318099	MAKO Surgical Corp.	2017327539	Boehringer Ingelheim International GmbH
2016318769	Novozymes Bioag A/S	2017327721	Frank's International, LLC
2016319195	Ad Astra ehf	2017329752	Clariant International Ltd
2016319597	Sumitomo Dainippon Pharma Co., Ltd.	2017331639	STR8BAT SPORTS TECH SOLUTIONS PTE. LTD.
2016319724	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	2017333698	Bayer Pharma Aktiengesellschaft
2016321289	Mozer, R.	2017337144	StubHub, Inc.
2016321317	Applied Medical Resources Corporation	2017341625	LG Electronics Inc.
2016326372	United States Gypsum Company	2017341734	Blackline Safety Corp.
2016328781	SWM Luxembourg Sarl	2017347371	ETH Zurich
2016331497	Stealth Hardware Solutions, Inc.	2017348010	Triad National Security, LLC; Chevron U.S.A. Inc.
2016332203	Fornetix LLC	2017348146	CRRC Yangtze Co., Ltd.
2016343913	Avent, Inc.	2017354495	LG Electronics Inc.
2016347035	Qualcomm Incorporated	2017356901	salesforce.com, Inc.
2016348556	Naval Group	2017357452	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2016351034	Xukang Medical Science & Technology (Suzhou) Co., Ltd	2017357770	Swirls, Inc.
2016351603	Boston Scientific Scimed, Inc.	2017359912	Vossloh-Werke GmbH
2016356707	Boston Scientific Scimed, Inc.	2017366399	Zhongchao Special Security Technology Co., Ltd; China Banknote Printing and Minting Corp.
2016356909	Serapid - France	2017380492	Shanghai Longwood Biopharmaceuticals Co., Ltd.
2016357203	Qualcomm Incorporated	2017381697	Keio University; The University of Tokyo
2016361838	Société des Produits Nestlé S.A.	2017393026	Dyson Technology Limited
2016367237	NuCana plc; Laurus Labs Limited	2017395024	3AM Innovations LLC
2016369371	LEO Pharma A/S	2017395288	Huawei Technologies Co., Ltd.
2016371897	E. I. du Pont de Nemours and Company; DuPont Nutrition Biosciences ApS	2017400488	Porta-Park, Inc.
2016373304	Nexans	2017403198	Huawei Technologies Co., Ltd.
2016373620	Liebherr-Components Biberach GmbH	2017406139	Huawei Technologies Co., Ltd.
2016374645	HERIOT EYECARE PTY. LTD.	2017413578	TTI (Macao Commercial Offshore) Limited
2016374873	Medigene Immunotherapies GmbH; Helmholtz Zentrum München Deutsches Forschungszentrum für Gesundheit und Umwelt (GmbH)	2017418080	Huawei Technologies Co., Ltd.
2016376850	Sika Technology AG	2017420687	Halliburton Energy Services, Inc.
2016377487	Monsanto Technology LLC	2017422789	Taiyuan University of Technology
2016378650	AbbVie Deutschland GmbH & Co. KG	2017423552	Daddy for Bebe Co.,Ltd.
2016384628	Medtronic Xomed, Inc.	2017427569	Telefonaktiebolaget LM Ericsson (Publ)
2016396655	Raytheon Company	2017430634	Wenzhou Sunrise Industrial and Trading Co., Ltd.
2017203197	Clever Design Solutions Pty Ltd	2017434905	Google LLC
2017205205	CiDRA Corporate Services LLC	2017442655	Verb Surgical Inc.
2017206574	Bayer CropScience Aktiengesellschaft	2018201376	BD Kiestra B.V.
2017215808	Sharp Kabushiki Kaisha	2018203713	Regeneron Pharmaceuticals, Inc.
2017216212	Janssen Pharmaceutica NV	2018206592	Huawei Technologies Co., Ltd.
2017220387	The University of Queensland	2018209579	Shanghai Longwood Biopharmaceuticals Co., Ltd.
2017223829	Covidien LP	2018209865	LG Electronics Inc.
2017224356	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft	2018221076	Innate Tumor Immunity, Inc.
2017233072	NantCell, Inc.	2018223435	Fujian Cosunter Pharmaceutical Co., Ltd.
2017234286	Board of Regents, The University of Texas System; Adaptive 3D Technologies	2018223831	Netflix, Inc.
2017243983	Sembcorp Marine Integrated Yard Pte Ltd.	2018226922	Beijing Scitech-MQ Pharmaceuticals Limited
2017254071	Qualcomm Incorporated	2018233383	Jiapu Innovative Film (Kunshan) Co., Ltd.
2017254702	Dana-Farber Cancer Institute, Inc.	2018233663	Rheinmetall Waffe Munition GmbH
2017256013	Roquette Freres	2018238747	Nippon Steel Engineering Co., Ltd.
2017260125	Bayer Pharma Aktiengesellschaft	2018241079	Novomatic AG
2017268711	Up Marine Technology Limited	2018246166	Daikin Industries, Ltd.
2017269557	MAKO Surgical Corp.	2018246837	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.
2017271130	WIAB Water Innovation AB	2018247262	Acceleron Pharma, Inc.
2017272874	West & Bergh Holding AB	2018247279	Beckman Coulter, Inc.
2017273371	Advanced New Technologies Co., Ltd.	2018249841	Novelis Inc.
2017276260	Shenstone Design Pty Ltd	2018250014	Becton, Dickinson and Company
2017281903	Dana-Farber Cancer Institute, Inc.	2018250229	Karcher North America, Inc.
2017283121	BYK-Chemie GmbH; BYK USA, Inc.	2018250278	Greeneden U.S. Holdings II, LLC
2017285139	Gyroscope Therapeutics Limited	2018250308	Hulu, LLC
		2018254603	bioMerieux, Inc.
		2018254645	Unilever PLC
		2018256600	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
		2018256632	Arrowhead Pharmaceuticals, Inc.

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2018260925	Allergan Industrie, SAS	2019202072	Kimberley Plastics Pty Ltd
2018260952	Urban Armor Gear, LLC	2019202405	EpitoGenesis Inc.
2018267537	Accenture Global Solutions Limited	2019202438	Tönnjes ISI Patent Holding GmbH
2018267575	Weatherford Technology Holdings, LLC	2019202631	United Services Automobile Association (USAA)
2018269180	Apex Industrial Technologies LLC	2019202941	PepsiCo, Inc.
2018269348	Annji Pharmaceutical Co., Ltd.	2019202998	Valmont Highway Technology Limited
2018270565	Momentive Performance Materials Korea Co., Ltd	2019203314	AKER Biomarine Antarctic AS
2018275482	Shell Internationale Research Maatschappij B.V.	2019203322	NAVICO HOLDING AS
2018276248	AkvaFresh AS	2019203347	Medtronic Xomed, Inc.
2018276649	LG Electronics Inc.	2019203399	Holyoake Industries Limited
2018278232	GSK Consumer Healthcare S.A.	2019203480	Kyoraku Co., Ltd.
2018278959	Acutus Medical, Inc.	2019203627	Dermavant Sciences GmbH
2018282397	LG Electronics Inc.	2019203789	TTI (MACAO COMMERCIAL OFFSHORE) LIMITED
2018282738	Netflix, Inc.	2019203820	Reven Pharmaceuticals, Inc
2018283050	Urschel Laboratories, Inc.	2019203848	Advanced New Technologies Co., Ltd.
2018285441	ESBATEch, an Alcon Biomedical Research Unit LLC	2019203940	SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD.
2018287971	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2019203968	FISHER & PAYKEL HEALTHCARE LIMITED
2018289188	SNBioScience Inc.	2019204177	Apple Inc.
2018291478	National Oilwell Varco Norway AS	2019204234	Covidien LP
2018295401	Essity Hygiene and Health Aktiebolag	2019204332	Allergan, Inc.
2018295781	Terumo Kabushiki Kaisha	2019204456	Ting, M.
2018300358	4D Pharma León, S.L.U.	2019204496	Anatara Lifesciences Limited
2018302130	Becton, Dickinson and Company	2019204498	Milliken & Company
2018303080	Sichuan Haisco Pharmaceutical Co., Ltd.	2019204736	Kando Innovation Limited
2018308956	China University of Mining and Technology	2019204833	Northeastern Ohio Medical University
2018311700	Wing Aviation LLC	2019204911	Huawei Technologies Co., Ltd.
2018319415	Concrete Homes Limited	2019206069	Accenture Global Solutions Limited
2018323788	Innovative Dairy Consultants Limited	2019206078	Accenture Global Solutions Limited
2018323876	Eli Lilly and Company	2019206101	Apple Inc.
2018324192	Netflix, Inc.	2019208156	DePuy Synthes Products, Inc.
2018325612	Komatsu Ltd.	2019210521	Roquette Freres
2018326158	Norse Oiltools AS	2019210547	NTT DOCOMO INC.
2018327219	Jiangsu Huayuan Water-Saving Co.,Ltd; China University of Mining and Technology	2019210554	NTT DOCOMO INC.
2018328001	Roadtec, Inc.	2019210555	NTT DOCOMO INC.
2018337626	Citrix Systems, Inc.	2019210559	NTT DOCOMO INC.
2018341716	Verb Surgical Inc.	2019210575	Fisher & Paykel Healthcare Limited
2018344740	Mayekawa MFG. Co., Ltd.	2019213314	Komatsu Ltd.
2018345875	Fujikura Ltd.	2019215520	S&C Electric Company
2018347466	ExxonMobil Upstream Research Company	2019216055	DIO Corporation
2018350301	LG Electronics Inc.	2019219831	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2018350527	Advanced New Technologies Co., Ltd.	2019219851	Taizhou Dingba Power Tools Co., Ltd.
2018351424	Ekornes ASA	2019219861	Digital Asset (Switzerland) GmbH
2018355177	Amsted Rail Company, Inc.	2019222009	The University of Tokyo; Komatsu Ltd.
2018356759	PS Audio Design Oy	2019229342	Memorial Sloan-Kettering Cancer Center
2018361251	Waymo LLC	2019229440	W. L. Gore & Associates, Inc.
2018365982	Zimmer Biomet CMF and Thoracic, LLC	2019229524	OILQUICK DEUTSCHLAND KG
2018366851	Siemens Mobility GmbH	2019236757	Financial & Risk Organisation Limited
2018371813	Kingfa Sci. & Tech. Co., Ltd.; Zhuhai Wango Chemical Co., Ltd.	2019240662	ServiceNow, Inc.
2018382026	Touchstone International Medical Science Co., Ltd.	2019240679	Daikin Industries, Ltd.; Daikin Europe N.V.
2018384670	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019240711	NTT DOCOMO, INC.
2018388895	Eli Lilly and Company	2019242549	Boston Scientific Scimed, Inc.
2018423498	Jhunjunwala, S.	2019246857	Novartis AG
2018435067	Husqvarna AB	2019253786	SharkNinja Operating LLC
2019200134	Fate Therapeutics, Inc.	2019253829	Herrenknecht AG
2019200419	Amazon Technologies, Inc.	2019257358	Flowserve Management Company
2019200438	NITROSET, LLC	2019257365	RUD Ketten Rieger & Dietz GmbH u. Co. KG
2019200448	Bioverativ USA Inc.	2019257371	Covidien LP
2019200645	Corium International, Inc.	2019257433	Huawei Technologies Co., Ltd.
2019200658	Amylyx Pharmaceuticals Inc.	2019257441	ConocoPhillips Company; University of Kansas
2019200844	Aristocrat Technologies Australia Pty Limited	2019257487	NTT DOCOMO, INC.
2019201076	Flomax International, Inc.	2019257495	NTT DOCOMO, INC.
2019201129	Coherus Biosciences, Inc.	2019257508	Innopharma, Inc.
2019201333	Jupeng Bio (HK) Limited	2019261733	Dongshin Polymer Co., Ltd.; Shinko Kasei Co., Ltd.
2019201466	Dragontail Systems Ltd.	2019261766	Gridesic Holdings Limited
2019201522	Anagnostopoulos, C.	2019264613	Lummus Technology LLC
2019201766	Neurozone Dynamics Inc.	2019264649	Dolby Laboratories Licensing Corporation
2019201802	Corning Cable Systems LLC	2019265220	Innoventive Solutions Pty Ltd
2019201803	Endotronic, Inc.	2019271895	Bombardier Transportation GmbH
		2019271929	King Abdullah University of Science and Technology
		2019271930	King Abdullah University of Science and Technology

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2019272034 Apple Inc.  
2019275507 GE Global Sourcing LLC  
2019275582 Synerfuse, Inc.  
2019275651 ZHEJIANG DINGLI MACHINERY CO., LTD  
2019283837 Mitobridge, Inc.; The Salk Institute for Biological Studies  
2019283970 Apple Inc.  
2019284144 InterDigital Patent Holdings, Inc.  
2020200445 Rite Way Mfg. Co. Ltd  
2020200568 GE Global Sourcing LLC  
2020200658 AMO Development, LLC  
2020201214 Apple Inc.  
2020201512 L & M MEATS IP HOLDINGS INC.  
2020201847 Coloplast A/S  
2020202295 Covidien LP  
2020202419 Sony Corporation  
2020202749 Apple Inc.  
2020204576 Tableau Software, LLC  
2020217355 Charles Sturt University  
2020257175 4C Medical Technologies, Inc.  
2020277169 Apple Inc.

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<b><u>A01B 29 /-</u></b>	<b><u>A01N 41 /-</u></b>	<b><u>A23C 3 /-</u></b>	<b><u>A24B 15 /-</u></b>	2016307584	2017423552
2016204645	2016292678	2018323788	2016328781	2019253786	2018295401
<b><u>A01B 63 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A42B 1 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61F 2 /-</u></b>
2020200445	2016292643	2016315139	2016295313	2016307584	2016351603
<b><u>A01B 77 /-</u></b>	2016294380	2018323788	<b><u>A45D 20 /-</u></b>	2018209865	2019204234
2014343127	2016307233	<b><u>A23G 1 /-</u></b>	2017393026	2019253786	2019229440
<b><u>A01B 79 /-</u></b>	2016311094	2016361838	<b><u>A47B 47 /-</u></b>	<b><u>A61B 1 /-</u></b>	2019242549
2018267537	2017206574	<b><u>A23G 3 /-</u></b>	2016220571	2016356707	<b><u>A61F 5 /-</u></b>
<b><u>A01C 1 /-</u></b>	2017316910	2016361838	<b><u>A47B 77 /-</u></b>	2019208156	2019242549
2016318769	<b><u>A01N 47 /-</u></b>	<b><u>A23G 9 /-</u></b>	2016220571	<b><u>A61B 17 /-</u></b>	2020201847
<b><u>A01G 25 /-</u></b>	2016292643	2016361838	<b><u>A47B 81 /-</u></b>	2015414802	<b><u>A61F 9 /-</u></b>
2018327219	2016292678	2018323788	2016220571	2016220222	2016374645
2018435067	<b><u>A01N 57 /-</u></b>	2016361838	<b><u>A47B 96 /-</u></b>	2016321317	2017285139
<b><u>A01G 3 /-</u></b>	2016305592	2018323788	2016220571	2017223829	2017285142
2017413578	2016306551	<b><u>A23K 10 /-</u></b>	<b><u>A47C 1 /-</u></b>	2017269557	2020200658
<b><u>A01H 5 /-</u></b>	<b><u>A01N 59 /-</u></b>	2019203314	2018351424	2017442655	<b><u>A61J 1 /-</u></b>
2014352999	2018276248	<b><u>A23K 20 /-</u></b>	<b><u>A47C 20 /-</u></b>	2018365982	2018295781
2015289691	<b><u>A01N 63 /-</u></b>	2019203314	2014374035	2018382026	2018300358
2016377487	2015258875	2019204496	<b><u>A47C 27 /-</u></b>	2019242549	2019257508
<b><u>A01K 11 /-</u></b>	2016318769	<b><u>A23L 2 /-</u></b>	2016223811	2019257371	2019257508
2016250901	<b><u>A01P 13 /-</u></b>	2018323788	<b><u>A47G 9 /-</u></b>	2020202295	<b><u>A61B 3 /-</u></b>
<b><u>A01K 61 /-</u></b>	2016292643	2019203820	2018423498	<b><u>A61B 34 /-</u></b>	<b><u>A61K 101 /-</u></b>
2018276248	2016292678	<b><u>A23L 23 /-</u></b>	<b><u>A47J 27 /-</u></b>	2015414802	2017216212
<b><u>A01K 67 /-</u></b>	2016294380	2018254645	2016200875	2016318099	<b><u>A61K 31 /-</u></b>
2016270587	2016305592	<b><u>A23L 27 /-</u></b>	<b><u>A47J 37 /-</u></b>	2017223829	2015348778
2018203713	2017316910	2016271837	2016201365	2018341716	2015372945
<b><u>A01M 29 /-</u></b>	<b><u>A01P 21 /-</u></b>	2019202941	<b><u>A47J 43 /-</u></b>	<b><u>A61B 5 /-</u></b>	2016243428
2017203197	2016311094	<b><u>A23L 29 /-</u></b>	2016200875	2016277627	2016247920
<b><u>A01N 25 /-</u></b>	2016318769	2016371897	<b><u>A47L 11 /-</u></b>	2016284813	2016248025
2016305592	<b><u>A21D 10 /-</u></b>	2018254645	2019253786	2016282813	2016267142
2016306551	2017256013	2018323788	<b><u>A47L 13 /-</u></b>	2016282289	2016282121
2016318769	<b><u>A21D 13 /-</u></b>	<b><u>A23L 33 /-</u></b>	20192271929	2016300980	2016282289
2017206574	2017256013	2015372945	2019271930	2016307233	2016300980
<b><u>A01N 33 /-</u></b>	<b><u>A22B 5 /-</u></b>	2018323788	<b><u>A47L 1 /-</u></b>	2016313228	2016307233
2016306551	2020201512	<b><u>A23L 5 /-</u></b>	2019271929	2016313228	2016313228
2016318769	<b><u>A22B 7 /-</u></b>	2017256013	2019271930	2016319597	2016319597
2017206574	2020201512	<b><u>A23P 10 /-</u></b>	<b><u>A47L 5 /-</u></b>	2016378650	2016378650
<b><u>A01N 37 /-</u></b>	<b><u>A22C 15 /-</u></b>	2016271837	<b><u>A47L 5 /-</u></b>	2017254702	2017254702
2016292678	2018344740	2018254645	<b><u>A47L 9 /-</u></b>	2017260125	2017260125
<b><u>A01N 39 /-</u></b>	<b><u>A22C 17 /-</u></b>	<b><u>A23P 20 /-</u></b>	2016200875	2017281903	2017281903
2016292678	2018344740	2017256013	<b><u>A47L 1 /-</u></b>	2017313420	2017313420
<b><u>A01N 41 /-</u></b>	<b><u>A22C 21 /-</u></b>	2016271837	2019271929	2017317988	2017317988
2018344740	2018344740	2018254645	2019271930	2017327539	2017327539
<b><u>A01N 43 /-</u></b>	<b><u>A22C 17 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A47L 1 /-</u></b>	2017380492	2017380492
2016292643	2018344740	2016271837	2019271929	2018209579	2018209579
2016292678	<b><u>A22C 17 /-</u></b>	2018254645	2019271930	2018221076	2018221076
2016294380	2018344740	<b><u>A23P 10 /-</u></b>	<b><u>A47L 11 /-</u></b>	2018223435	2018223435
2016307233	<b><u>A22C 17 /-</u></b>	2017256013	2019253786	2018226922	2018226922
2016311094	2018344740	<b><u>A23P 20 /-</u></b>	<b><u>A47L 13 /-</u></b>	2018256632	2018256632
2017206574	<b><u>A22C 17 /-</u></b>	2017256013	2019204456	2018260925	2018260925
<b><u>A01N 47 /-</u></b>	2018344740	<b><u>A23P 30 /-</u></b>	2019253786	2018269348	2018269348
2016292643	<b><u>A22C 21 /-</u></b>	2016271837	<b><u>A47L 13 /-</u></b>	2018287971	2018287971
2016292678	2018344740	2018254645	2019204456	2018289188	2018289188
2016294380	<b><u>A22C 21 /-</u></b>	<b><u>A23P 30 /-</u></b>	2019253786	2019200658	2019200658
2016307233	2018344740	2016271837	<b><u>A47L 5 /-</u></b>	2019204833	2019204833
2016311094	<b><u>A22C 21 /-</u></b>	2018254645	<b><u>A61F 13 /-</u></b>	2019246857	2019246857
2017206574	2018344740	<b><u>A23P 30 /-</u></b>		2019257508	2019257508
2017316910	<b><u>A22C 21 /-</u></b>	2016271837		2019283837	2019283837
<b><u>A01N 57 /-</u></b>	2018344740			2020217355	2020217355

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<b><u>A61K 33 /-</u></b>	<b><u>A61K 8 /-</u></b>	<b><u>A61N 1 /-</u></b>	2015339203	<b><u>A63B 24 /-</u></b>	<b><u>B05B 11 /-</u></b>
2018276248	2015371722	2017272874	<b><u>A61P 35 /-</u></b>	2017272874	2015335223
2019203820	2017271130	2018278232	2015244814	<b><u>A63B 26 /-</u></b>	<b><u>B05B 7 /-</u></b>
<b><u>A61K 35 /-</u></b>	2018260925	2019275582	2015348778	2015323678	2018250229
2017381697	<b><u>A61K 9 /-</u></b>	<b><u>A61P 1 /-</u></b>	2015370918	<b><u>A63B 69 /-</u></b>	<b><u>B05C 5 /-</u></b>
2018276248	2015292515	2018223435	2016247920	2016217517	2016202030
2018323788	2015335743	2018226922	2016248025	2017272874	<b><u>B05C 9 /-</u></b>
2019200134	2015339203	<b><u>A61P 11 /-</u></b>	2016282289	2017331639	2016202030
2019229342	2015372945	2016243428	2016289474	<b><u>A63B 71 /-</u></b>	<b><u>B05D 1 /-</u></b>
<b><u>A61K 38 /-</u></b>	2016271837	2017317988	2016300980	2015323678	2016202030
2014340149	2017326013	2018226922	2016313228	2016217517	<b><u>B07C 5 /-</u></b>
2015258875	2018260925	<b><u>A61P 13 /-</u></b>	2017260125	2016217517	2016231751
2015370463	2018289188	2016246708	2017380492	<b><u>A63C 19 /-</u></b>	<b><u>B08B 1 /-</u></b>
2016215080	2019203627	2016319597	2018209579	2016217517	2019203789
2016246708	2019204332	<b><u>A61P 17 /-</u></b>	2018221076	<b><u>A63F 13 /-</u></b>	<b><u>B08B 13 /-</u></b>
2017220387	2019257508	2015339203	2018221076	2015279265	2019203789
2017233072	<b><u>A61L 2 /-</u></b>	2016243428	2019200134	<b><u>A63F 9 /-</u></b>	<b><u>B08B 3 /-</u></b>
2018247262	2019257508	2017260125	<b><u>A61P 37 /-</u></b>	2015279265	2018250229
2018303080	<b><u>A61L 27 /-</u></b>	2017327539	2016243428	<b><u>B01D 15 /-</u></b>	<b><u>B08B 9 /-</u></b>
2018388895	2016351603	2017380492	2017260125	2017205205	2018250229
2019200134	<b><u>A61L 9 /-</u></b>	2018226922	2017380492	<b><u>B01D 61 /-</u></b>	<b><u>B21F 29 /-</u></b>
2019204332	2016279192	<b><u>A61P 19 /-</u></b>	2018221076	2017205205	2016217517
<b><u>A61K 39 /-</u></b>	<b><u>A61M 1 /-</u></b>	2015258875	2019201129	<b><u>B01F 3 /-</u></b>	<b><u>B22F 9 /-</u></b>
2014358191	2016256176	2016243428	<b><u>A61P 43 /-</u></b>	2016287520	2017347371
2015244814	2019201522	2018226922	2015244814	<b><u>B01J 19 /-</u></b>	<b><u>B25C 1 /-</u></b>
2015252726	<b><u>A61M 15 /-</u></b>	2019246857	<b><u>A61P 7 /-</u></b>	2017347371	2019219851
2015252843	2016302387	<b><u>A61P 21 /-</u></b>	2017317988	<b><u>B01J 39 /-</u></b>	<b><u>B25J 11 /-</u></b>
2015258875	<b><u>A61M 16 /-</u></b>	2017326013	2018247262	2016270980	2018209865
2015269219	2016242101	2019283837	<b><u>A61P 9 /-</u></b>	<b><u>B01J 8 /-</u></b>	<b><u>B25J 18 /-</u></b>
2015335743	2016302387	<b><u>A61P 25 /-</u></b>	2016282121	2017347371	2018341716
2016246708	2019203968	2015279926	2017317988	<b><u>B02C 1 /-</u></b>	<b><u>B25J 19 /-</u></b>
2016282289	2019210575	2015339203	2018226922	2016260993	2018209865
2016374873	<b><u>A61M 25 /-</u></b>	2016282121	<b><u>A61Q 17 /-</u></b>	<b><u>B02C 2 /-</u></b>	<b><u>B25J 9 /-</u></b>
2017233072	2016283336	2016319597	2015371722	<b><u>B05B 1 /-</u></b>	2017442655
2017381697	2018250014	2016378650	2017271130	2016202030	2018209865
2018285441	<b><u>A61M 3 /-</u></b>	2017220387	<b><u>A61Q 19 /-</u></b>	2016202030	<b><u>B26D 1 /-</u></b>
2019200448	2016384628	2017260125	2018260925	2016202030	2018283050
2019202405	2020201847	2017380492	<b><u>A62C 2 /-</u></b>	<b><u>B05B 11 /-</u></b>	
<b><u>A61K 45 /-</u></b>	<b><u>A61M 37 /-</u></b>	2018226922	2019203399	<b><u>B05B 7 /-</u></b>	
2015372945	2019200645	<b><u>A61P 29 /-</u></b>	<b><u>A63B 102 /-</u></b>	<b><u>B05C 9 /-</u></b>	
<b><u>A61K 47 /-</u></b>	<b><u>A61M 39 /-</u></b>	2015258875	2016217517	<b><u>B05D 1 /-</u></b>	
2015335743	2016384628	2018209579	<b><u>A63B 21 /-</u></b>	<b><u>B05C 5 /-</u></b>	
2015339203	2020201847	2018226922	2019203399	<b><u>B05C 9 /-</u></b>	
2015370918	<b><u>A61M 37 /-</u></b>	<b><u>A61P 3 /-</u></b>	<b><u>A63B 22 /-</u></b>	<b><u>B05C 9 /-</u></b>	
2017281903	2019200645	2016246708	2016217517	<b><u>B05C 9 /-</u></b>	
2018289188	<b><u>A61M 5 /-</u></b>	2016282121	<b><u>A63B 23 /-</u></b>	<b><u>B05C 9 /-</u></b>	
2019204332	2016269698	2017313420	2018260925	<b><u>B05C 9 /-</u></b>	
<b><u>A61K 48 /-</u></b>	2018295781	2018388895	<b><u>A63B 22 /-</u></b>	<b><u>B05C 9 /-</u></b>	
2017233072	2018302130	<b><u>A61P 31 /-</u></b>	2015323678	<b><u>B05C 9 /-</u></b>	
<b><u>A61K 49 /-</u></b>	2018323876	2015252726	<b><u>A63B 22 /-</u></b>	<b><u>B05C 9 /-</u></b>	
2017333698	2019200645		2015323678	<b><u>B05C 9 /-</u></b>	
<b><u>A61K 51 /-</u></b>			<b><u>A63B 22 /-</u></b>	<b><u>B05C 9 /-</u></b>	
2014342235			2015323678	<b><u>B05C 9 /-</u></b>	
2016289474			<b><u>A63B 23 /-</u></b>	<b><u>B05C 9 /-</u></b>	
2017216212			2015323678	<b><u>B05C 9 /-</u></b>	



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<b>B26D 3 /-</b>	2016309710	<b>C01B 3 /-</b>	<b>C07D 233 /-</b>	2016319597	<b>C07D 491 /-</b>
2018283050	<b>B62D 6 /-</b>	2017347371	2017260125	2017216212	2018226922
<b>B26D 7 /-</b>	2016309710	<b>C01B 33 /-</b>	2019283837	2017260125	<b>C07D 493 /-</b>
2018283050	<b>B63B 35 /-</b>	2017283121	2016300980	2017281903	2016247920
2019204736	2018291478	<b>C02F 1 /-</b>	2016307233	2017313420	<b>C07D 495 /-</b>
<b>B27B 13 /-</b>	<b>B63B 49 /-</b>	2015353761	2016319597	2017317988	2019246857
2019204736	2019203322	<b>C07B 37 /-</b>	2017260125	2019283837	<b>C07D 403 /-</b>
<b>B29C 48 /-</b>	<b>B63C 1 /-</b>	2016297784	<b>C07D 237 /-</b>	2016291708	2016247920
2017322239	2017243983	<b>C07B 59 /-</b>	2017260125	2016307233	2016282289
<b>B29C 49 /-</b>	<b>B63G 8 /-</b>	2016289474	<b>C07D 239 /-</b>	2016313228	2016369371
2017322239	2016348556	2017216212	2017260125	2016319597	<b>C07D 498 /-</b>
<b>B32B 15 /-</b>	<b>B63H 21 /-</b>	<b>C07C 2 /-</b>	2018269348	2017260125	2016307233
2018249841	2019202998	2016297784	<b>C07D 249 /-</b>	2017327539	<b>C07D 519 /-</b>
<b>B32B 27 /-</b>	<b>B63H 9 /-</b>	2019264613	2017260125	2016248025	2018287971
2018233383	2017268711	<b>C07C 211 /-</b>	<b>C07D 257 /-</b>	2016319597	<b>C07H 1 /-</b>
<b>B60C 11 /-</b>	<b>B64F 1 /-</b>	2016378650	2016289474	2016378650	2016367237
2016204645	2016321289	<b>C07C 233 /-</b>	2017333698	2017260125	<b>C07H 15 /-</b>
<b>B60P 7 /-</b>	<b>B65D 1 /-</b>	2015279926	<b>C07D 261 /-</b>	2016319597	2015279926
2015258181	2016318049	2016299304	2017260125	<b>C07D 409 /-</b>	2016367237
<b>B60R 13 /-</b>	2019203480	<b>C07C 255 /-</b>	<b>C07D 263 /-</b>	2016307233	<b>C07H 21 /-</b>
2019202438	<b>B65D 65 /-</b>	2016282121	2017260125	2016311094	2016377487
<b>B60R 21 /-</b>	2018233383	<b>C07C 311 /-</b>	<b>C07D 265 /-</b>	2016313228	2018256632
2019271895	<b>B65D 85 /-</b>	2017260125	2016378650	2019246857	<b>C07H 23 /-</b>
<b>B61D 49 /-</b>	2016318049	<b>C07C 61 /-</b>	<b>C07D 271 /-</b>	2019246857	2020217355
2019271895	2018260952	2016297784	2017260125	<b>C07D 413 /-</b>	<b>C07K 1 /-</b>
<b>B61F 15 /-</b>	<b>B65F 1 /-</b>	<b>C07D 205 /-</b>	2017380492	2016319597	2016259746
2018355177	2015341661	2016378650	<b>C07D 275 /-</b>	2016378650	<b>C07K 14 /-</b>
<b>B61F 19 /-</b>	2016220571	<b>C07D 207 /-</b>	2017260125	2019246857	2014352999
2019271895	<b>B65G 39 /-</b>	2016378650	<b>C07D 277 /-</b>	<b>C07D 417 /-</b>	2015265900
<b>B61L 1 /-</b>	2018355177	2017260125	2017260125	2017254702	2016215080
2018366851	<b>B65G 63 /-</b>	<b>C07D 211 /-</b>	<b>C07D 295 /-</b>	2017327539	2016232301
<b>B61L 15 /-</b>	2017348146	2016378650	2016289474	2019246857	2016246708
2020200568	<b>B66F 11 /-</b>	<b>C07D 213 /-</b>	<b>C07D 307 /-</b>	<b>C07D 419 /-</b>	2016260521
<b>B62D 35 /-</b>	2019275651	2017260125	2015279926	2019246857	2016281424
2016261354	2017316910	<b>C07D 215 /-</b>	<b>C07D 309 /-</b>	<b>C07D 471 /-</b>	2017233072
<b>B62D 37 /-</b>	<b>B66F 17 /-</b>	2016311094	2015279926	2016307233	2018388895
2016261354	2019275651	<b>C07D 231 /-</b>	2015279926	2017260125	<b>C07K 16 /-</b>
<b>B62D 5 /-</b>	<b>B67B 7 /-</b>	2017260125	<b>C07D 311 /-</b>	2017327539	2014358191
2016287520	2016287520	2017260125	2015279926	2018221076	2015244814
<b>B67D 1 /-</b>	<b>B67D 1 /-</b>	2017327539	<b>C07D 401 /-</b>	<b>C07D 487 /-</b>	2015265900
2016287520	2016287520	2016243428	2016243428	2016247920	2018285441
		2016307233	2016307233	2016307233	2016246708
		2016311094	2016311094	2017327539	2015258875
			2016243428	2018209579	2016246708
			2016307233	2018223435	<b>C07K 5 /-</b>
			2016311094	2018287971	2018303080

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<b><u>C07K 7 /-</u></b>	<b><u>C09D 105 /-</u></b>	2018256632 2018285441	<b><u>C40B 40 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E06B 3 /-</u></b>
2017220387	2016318769		2014358191	2018325612 2019229524	2015264816
<b><u>C08B 37 /-</u></b>	<b><u>C09D 167 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>D03D 1 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 10 /-</u></b>
2018260925	2016250029 2016250030	2016374873 2016377487 2017233072 2019229342	2018423498	2015411377 2016247934 2018325612 2019213314	2016208713
<b><u>C08F 8 /-</u></b>	<b><u>C09D 175 /-</u></b>	<b><u>C12N 7 /-</u></b>	<b><u>D03D 15 /-</u></b>	<b><u>E03F 3 /-</u></b>	<b><u>E21B 15 /-</u></b>
2016250029 2016250030	2016376850	2018423498 2019204498	2018423498	2017224356	2018291478
<b><u>C08G 18 /-</u></b>	<b><u>C09J 7 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D03D 3 /-</u></b>	<b><u>E04B 1 /-</u></b>	<b><u>E21B 17 /-</u></b>
2016376850 2017234286	2016326372	2014290203	2019204498	2017203197 2018319415 2019265220	2018291478
<b><u>C08G 77 /-</u></b>	<b><u>C09K 11 /-</u></b>	2015370463 2016260521 2016280700 2017233072	<b><u>D03D 41 /-</u></b>	<b><u>E04C 2 /-</u></b>	<b><u>E21B 19 /-</u></b>
2018270565	2016270980	<b><u>C12P 19 /-</u></b>	2018423498	2019261766	2017327721 2018291478
<b><u>C08J 3 /-</u></b>	<b><u>C09K 8 /-</u></b>	2016280700 2016371897	<b><u>D03D 47 /-</u></b>	<b><u>E04D 1 /-</u></b>	<b><u>E21B 21 /-</u></b>
2016250029 2016250030 2016270980 2017283121	2019257441	<b><u>C12P 21 /-</u></b>	2018423498	2016206190	2018267575
<b><u>C08K 3 /-</u></b>	<b><u>C10J 3 /-</u></b>	2014358191 2019201129	<b><u>D06F 37 /-</u></b>	<b><u>E04D 3 /-</u></b>	<b><u>E21B 23 /-</u></b>
2017283121 2018371813	2019201333	<b><u>C12P 23 /-</u></b>	2018282397 2019202998	2016206190	2016268394
<b><u>C08K 5 /-</u></b>	<b><u>C11B 1 /-</u></b>	2016319195	<b><u>D06F 39 /-</u></b>	<b><u>E04F 13 /-</u></b>	<b><u>E21B 29 /-</u></b>
2016270980 2017283121 2018270565 2018371813	2019203314	<b><u>C12Q 1 /-</u></b>	2016271153 2018282397	2016206190	2018326158
<b><u>C08K 9 /-</u></b>	<b><u>C11B 9 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>D06F 49 /-</u></b>	<b><u>E04F 15 /-</u></b>	<b><u>E21B 33 /-</u></b>
2016270980 2017283121 2018270565 2018371813	2016279192	2015220749 2016351034 2017381697	2019202998	2016206190 2016283500 2016326372	2016268394
<b><u>C08L 9 /-</u></b>	<b><u>C11D 1 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E01B 9 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>E21B 37 /-</u></b>
2017283121	2016271153 2016282356	2016315139 2016318769	2017359912	2019261733	2018326158
<b><u>C08L 23 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>E01C 19 /-</u></b>	<b><u>E04G 3 /-</u></b>	<b><u>E21B 43 /-</u></b>
2016373304	2016271153 2016282356	<b><u>C12R 1 /-</u></b>	2018328001	2016243292	2016268394 2016274506 2016301584 2019257441
<b><u>C08L 25 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C13K 11 /-</u></b>	<b><u>E01F 15 /-</u></b>	<b><u>E04H 9 /-</u></b>	<b><u>E21B 44 /-</u></b>
2016270980	2016259746 2018201376	2016371897	2016217517 2019202998	2019265220	2015406995 2015406996
<b><u>C08L 3 /-</u></b>	<b><u>C12N 1 /-</u></b>	<b><u>C14C 3 /-</u></b>	<b><u>E01F 3 /-</u></b>	<b><u>E05D 11 /-</u></b>	<b><u>E21B 47 /-</u></b>
2019210521	2016318769 2017381697	2016294578	2016321289	2016331497 2017276260	2017420687 2018347466
<b><u>C08L 67 /-</u></b>	<b><u>C12N 11 /-</u></b>	<b><u>C22B 9 /-</u></b>	<b><u>E02B 13 /-</u></b>	<b><u>E05D 3 /-</u></b>	<b><u>E21B 7 /-</u></b>
2016250029 2016250030 2018371813	2016318769 2017381697	2016283942	2018435067	2016331497 2017276260	2018291478 2019253829
<b><u>C08L 71 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C22C 19 /-</u></b>	<b><u>E02B 17 /-</u></b>	<b><u>E05D 5 /-</u></b>	<b><u>E21C 35 /-</u></b>
2018371813	2016318769 2017381697	2016283942	2017243983	2016331497	2016208713
<b><u>C08L 83 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C22C 3 /-</u></b>	<b><u>E02B 3 /-</u></b>	<b><u>E05D 7 /-</u></b>	<b><u>F04B 15 /-</u></b>
2018270565	2014340149 2014352999 2014358191 2014369879 2015213570 2015289691 2016232301 2016260521	2018249841	2017243983 2019265220	2016331497 2017276260	2016204438
<b><u>C09D 103 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C22C 38 /-</u></b>	<b><u>E02B 7 /-</u></b>	<b><u>E05D 7 /-</u></b>	<b><u>F04B 49 /-</u></b>
2019210521	2014340149 2014352999 2014358191 2014369879 2015213570 2015289691 2016232301 2016260521 2016270587 2016377487 2017233072 2017329752 2017381697	2015353251	2019265220	2015264816 2017276260	2016204438
		<b><u>C22F 1 /-</u></b>	<b><u>E02D 23 /-</u></b>		
		2016283942	2017243983		

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<b><u>F04B 53 /-</u></b>		<b><u>F25B 6 /-</u></b>	2016200875	2016239875	<b><u>G06F 9 /-</u></b>
2016204438	<b><u>F16L 59 /-</u></b>	2018246166	<b><u>G01M 3 /-</u></b>	2018345875	2015277400
<b><u>F16B 12 /-</u></b>	2019203399	<b><u>F25B 9 /-</u></b>	2015321046	2019201802	2017331639
2016220571	<b><u>F16P 3 /-</u></b>	2019219831	<b><u>G01N 1 /-</u></b>	<b><u>G02C 5 /-</u></b>	2018324192
<b><u>F16B 19 /-</u></b>	2019204736	<b><u>F26B 5 /-</u></b>	2018201376	2017430634	2020202749
2019200438	<b><u>F17C 13 /-</u></b>	2018300358	<b><u>G01N 21 /-</u></b>	<b><u>G04G 21 /-</u></b>	<b><u>G06K 19 /-</u></b>
<b><u>F16B 37 /-</u></b>	2016288513	<b><u>F28D 9 /-</u></b>	2014343127	2019206101	2017366399
2016247934	2017243983	2016246108	2016284813	2019272034	<b><u>G06K 9 /-</u></b>
<b><u>F16C 19 /-</u></b>	<b><u>F21S 9 /-</u></b>	2018275482	2018254603	<b><u>G05B 13 /-</u></b>	2015250843
2018355177	2019202072	<b><u>F28F 13 /-</u></b>	<b><u>G01N 23 /-</u></b>	2016278893	2018350527
<b><u>F16F 7 /-</u></b>	<b><u>F23D 1 /-</u></b>	2016246108	2014342235	<b><u>G05B 15 /-</u></b>	2019202631
2019202998	2018238747	<b><u>F42B 10 /-</u></b>	<b><u>G01N 29 /-</u></b>	2016278893	2019206069
<b><u>F16F 9 /-</u></b>	<b><u>F23D 14 /-</u></b>	2018233663	2016201108	<b><u>G05B 19 /-</u></b>	2019206078
2019202998	2018238747	<b><u>F42B 12 /-</u></b>	<b><u>G01N 33 /-</u></b>	2015406995	<b><u>G06N 20 /-</u></b>
<b><u>F16G 13 /-</u></b>	2019240679	2018233663	2014343127	2015406996	2019236757
2016356909	<b><u>F24F 1 /-</u></b>	<b><u>F42B 33 /-</u></b>	2015209763	2016279192	<b><u>G06N 3 /-</u></b>
<b><u>F16G 15 /-</u></b>	2018246166	2018233663	2015221885	<b><u>G05D 1 /-</u></b>	2018311700
2019257365	2019203399	<b><u>F42B 39 /-</u></b>	2015229270	2018311700	<b><u>G06N 99 /-</u></b>
<b><u>F16K 27 /-</u></b>	<b><u>F24F 12 /-</u></b>	2018233663	2015259053	2018325612	2017434905
2018435067	2016246108	<b><u>F42B 5 /-</u></b>	2016299304	2018361251	<b><u>G06Q 10 /-</u></b>
<b><u>F16K 3 /-</u></b>	<b><u>F24S 20 /-</u></b>	2016319724	2018247279	<b><u>G05D 9 /-</u></b>	2015341661
2017422789	2015367322	<b><u>F42B 8 /-</u></b>	2020217355	2019201076	2017337144
<b><u>F16K 31 /-</u></b>	<b><u>F24S 23 /-</u></b>	2018233663	<b><u>G01N 35 /-</u></b>	<b><u>G06F 13 /-</u></b>	2017341734
2017422789	2015367322	<b><u>G01B 11 /-</u></b>	2015296723	2018269180	<b><u>G06Q 20 /-</u></b>
2019257358	<b><u>F24S 25 /-</u></b>	2019222009	2018201376	<b><u>G01S 13 /-</u></b>	2017337144
<b><u>F16K 37 /-</u></b>	2015367322	<b><u>G01C 15 /-</u></b>	<b><u>G01S 13 /-</u></b>	2017331639	<b><u>G06Q 30 /-</u></b>
2019257358	<b><u>F25B 1 /-</u></b>	2019222009	<b><u>G01S 15 /-</u></b>	<b><u>G01S 15 /-</u></b>	2017356901
<b><u>F16K 43 /-</u></b>	2018246166	<b><u>G01C 21 /-</u></b>	2019203322	2017357770	2019236757
2018435067	<b><u>F25B 13 /-</u></b>	2019203322	<b><u>G01S 19 /-</u></b>	2020204576	2020204576
<b><u>F16K 47 /-</u></b>	2018246166	<b><u>G01D 5 /-</u></b>	2015411377	2020277169	<b><u>G06Q 50 /-</u></b>
2017422789	2019240679	2019257358	<b><u>G01S 3 /-</u></b>	<b><u>G06F 17 /-</u></b>	2018267537
<b><u>F16K 5 /-</u></b>	<b><u>F25B 15 /-</u></b>	<b><u>G01F 1 /-</u></b>	2016396655	2015203217	2018308956
2019203940	2017400488	<b><u>G01F 23 /-</u></b>	<b><u>G01S 5 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06T 17 /-</u></b>
<b><u>F16L 1 /-</u></b>	<b><u>F25B 27 /-</u></b>	2016256667	2016396655	2017337144	2019222009
2019253829	2017400488	2016384628	<b><u>G01S 7 /-</u></b>	2019202631	<b><u>G06T 5 /-</u></b>
<b><u>F16L 11 /-</u></b>	<b><u>F25B 39 /-</u></b>	2015341661	<b><u>G01S 5 /-</u></b>	2019203848	2019264649
2019204498	2018246166	<b><u>G01K 1 /-</u></b>	2016396655	2019219861	<b><u>G06T 7 /-</u></b>
<b><u>F16L 5 /-</u></b>	<b><u>F25B 5 /-</u></b>	2016200875	<b><u>G01S 3 /-</u></b>	<b><u>G06F 3 /-</u></b>	2016266968
2019203399	2018246166	<b><u>G01K 13 /-</u></b>	<b><u>G01V 1 /-</u></b>	2018384670	2019201466
			2015238881	2019206101	2019206078
			2017348010	2019257433	2019222009
			<b><u>G01V 3 /-</u></b>	2019264649	<b><u>G07B 15 /-</u></b>
			2017420687	2019272034	2019202438
			<b><u>G02B 6 /-</u></b>	2019283970	<b><u>G07C 9 /-</u></b>
				2020202749	2015250843
				2019240662	

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<b>G08B 13 /-</b>	2017406139	2016347035	<b>H04N 7 /-</b>	2015345210
2018267537	<b>H02G 1 /-</b>	<b>H04L 12 /-</b>	2019213314	<b>H05K 1 /-</b>
<b>G08B 21 /-</b>	2019204498	2018269180	2019222009	2017403198
2017341734	<b>H02G 9 /-</b>	2018347466	<b>H04N 9 /-</b>	<b>H05K 3 /-</b>
<b>G08B 25 /-</b>	2019204498	2019275507	2019204736	2016373620
2017341734	<b>H02J 3 /-</b>	<b>H04L 27 /-</b>	<b>H04R 11 /-</b>	
<b>G08C 17 /-</b>	2019215520	2015264909	2018356759	
2018267537	<b>H02J 50 /-</b>	2018256600	<b>H04R 13 /-</b>	
<b>G09B 19 /-</b>	2017301997	2019284144	<b>H04R 13 /-</b>	
2017331639	<b>H02J 7 /-</b>	<b>H04L 29 /-</b>	2018356759	
<b>G09G 5 /-</b>	2016286182	2016332203	<b>H04R 3 /-</b>	
2019264649	2016321289	2017273371	2019204177	
<b>G10K 11 /-</b>	<b>H02J 9 /-</b>	2018250278	<b>H04R 9 /-</b>	
2016343913	2016307584	2018337626	2018356759	
<b>G10L 19 /-</b>	<b>H02K 17 /-</b>	2019200419	<b>H04S 7 /-</b>	
2017357452	2017292952	2019202631	2019204177	
2019257487	<b>H02K 3 /-</b>	2019275507	<b>H04W 12 /-</b>	
2019257495	2017292952	<b>H04L 5 /-</b>	2016357203	
<b>G10L 21 /-</b>	<b>H02M 1 /-</b>	2017254071	<b>H04W 16 /-</b>	
2018246837	2017292952	2019284144	2019284144	
<b>G10L 25 /-</b>	<b>H02M 5 /-</b>	<b>H04L 9 /-</b>	<b>H04W 24 /-</b>	
2018246837	2017292952	2016332203	2019284144	
<b>G16C 10 /-</b>	<b>H02M 7 /-</b>	<b>H04M 1 /-</b>	<b>H04W 28 /-</b>	
2017331639	2016307584	2019204911	2017341625	
<b>G21F 5 /-</b>	<b>H02P 25 /-</b>	<b>H04M 3 /-</b>	2018206592	
2014342235	2017292952	2018250278	<b>H04W 48 /-</b>	
<b>H01B 3 /-</b>	<b>H03M 13 /-</b>	<b>H04N 1 /-</b>	2019284144	
2015378858	2017418080	<b>H04N 11 /-</b>	<b>H04W 72 /-</b>	
<b>H01F 27 /-</b>	<b>H04B 1 /-</b>	2019240711	2017215808	
2017301997	2019210547	<b>H04N 19 /-</b>	2017254071	
<b>H01F 38 /-</b>	2019210554	2016310755	2017354495	
2017301997	2019210555	2016317252	2018350301	
<b>H01J 49 /-</b>	2019210559	2018223831	<b>H04W 76 /-</b>	
2018201376	<b>H04B 3 /-</b>	2018250308	2016357203	
<b>H01L 31 /-</b>	2018347466	2018276649	2017395288	
2019202072	<b>H04B 7 /-</b>	2018282738	<b>H04W 8 /-</b>	
<b>H01Q 1 /-</b>	2020200568	2019210547	2017427569	
2017406139	<b>H04J 11 /-</b>	2019210554	<b>H04W 80 /-</b>	
<b>H01Q 5 /-</b>	2017254071	2019210555	2016357203	
	<b>H04L 1 /-</b>	2019210559	<b>H04W 92 /-</b>	
		2020201214	2017354495	
		2020202419	<b>H05B 47 /-</b>	
		<b>H04N 21 /-</b>		
		2016289048		
		2016310755		
		2018223831		
		2018282738		
		<b>H04N 5 /-</b>		
		2019206069		

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**Name Index**

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

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 (45) 24.12.2020  
 (72) Williams, Andrew C.  
 (74) Andrew C Williams

(71) Ethicon Endo-Surgery, LLC.  
 (11) AU-B-2015101974  
 (21) 2015101974 (22) 10.02.2015  
 (54) Staple cartridge including a barbed staple  
 (51) Int. Cl.  
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 (31) 14/187,395 (32) 24.02.14 (33) US  
 (45) 24.12.2020  
 (72) Schellin, Emily A.; Aronhalt, Taylor W.; Vendely, Michael J.; Shelton IV, Frederick E.  
 (74) FPA Patent Attorneys Pty Ltd

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(21) 2020100603

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(71) Poh, C.; Poh, C.  
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 (21) 2020100603 (22) 20.04.2020  
 (54) AN UNMANNED AERIAL DELIVERY SYSTEM COMPRISING PRIMARY AND SECONDARY AIRCRAFT  
 (51) Int. Cl.  
**B64C 39/02** ( 2006.01 )  
**B64D 1/02** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
 (31) PI2020001901 (32) 14.04.20 (33) MY  
 (45) 24.12.2020  
 (72) Poh, Chung-Kiak; Poh, Chung-How  
 (74) Chung-How Poh

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(71) Poh, C.; Poh, C.  
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 (21) 2020100605 (22) 20.04.2020  
 (54) A VTOL-CAPABLE AIRPLANE HAVING ANGLED PROPULSORS  
 (51) Int. Cl.  
**B64C 27/22** ( 2006.01 )  
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**B64C 27/473** ( 2006.01 )  
 (31) PI2020001612 (32) 26.03.20 (33) MY  
 (45) 24.12.2020  
 (72) Poh, Chung-Kiak; Poh, Chung-How  
 (74) Chung-How Poh

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 (21) 2020101945 (22) 22.08.2020  
 (54) A covering for attenuating microorganisms.  
 (51) Int. Cl.  
**A41D 31/30** ( 2019.01 )  
**A41D 13/11** ( 2006.01 )  
**A61L 2/03** ( 2006.01 )

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**B64C 39 /-**

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**B64D 1 /-**

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**G06Q 10 /-**

2020100603

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2018264149 **ESCO Group LLC ( CQMS PTY LTD )**

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2014236156	2014240224	2014295980	2014303330
2014345484	2014348184	2014363991	2014374057
2014392692	2014408511	2015204646	2015213493
2015214028	2015217261	2015218419	2015221547
2015224402	2015228815	2015232943	2015240632
2015243084	2015244489	2015244700	2015248621
2015249548	2015252089	2015267099	2015271871
2015273079	2015276995	2015284552	2015289886
2015298560	2015299101	2015299691	2015301043
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2015344731	2015346130	2015348304	2015348352
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2015368865	2015371247	2015375326	2015377817
2015384095	2015384258	2015384786	2015389013
2015390095	2015391679	2015400076	2015401014
2015401949	2015412459	2016200644	2016200919
2016202263	2016204738	2016206036	2016209592
2016211246	2016211329	2016211440	2016211455
2016212344	2016217793	2016221590	2016222359
2016222511	2016222556	2016227595	2016230008
2016232441	2016232475	2016232923	2016232989
2016233266	2016234209	2016234211	2016235132
2016238669	2016239913	2016240289	2016244234
2016244570	2016246068	2016249030	2016254128
2016259710	2016263457	2016264704	2016267668
2016268250	2016268513	2016268932	2016268980
2016270002	2016270518	2016270767	2016270928
2016272015	2016272018	2016272892	2016273351
2016273353	2016273463	2016274472	2016278130
2016279823	2016284740	2016287768	2016291690
2016292906	2016293833	2016296468	2016303472
2016304182	2016308363	2016310328	2016311058
2016311198	2016318602	2016320297	2016322758
2016324158	2016333026	2016334826	2016335060
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2017207452	2017209096	2017213207	2017213676
2017214134	2017214552	2017234798	2017239338
2017239419	2017245612	2017249218	2017254895
2017273170	2017274555	2017276190	2017276232
2017296286	2017302325	2017302566	2017310404
2017312529	2017319504	2017322226	2017324163
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2017340293	2017341663	2017343736	2017346183
2017349483	2017351056	2017351784	2017353448
2017358251	2017359841	2017361521	2017379048
2017379733	2017379748	2017382576	2017382712
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2018211230	2018211533	2018212504	2018214558
2018217322	2018217339	2018219964	2018219989
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2018229460	2018230963	2018230966	2018231592
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2020102406	2020102550	2020102564	2020102610
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**Patents Granted**

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2020103072 2020103073 2020103074 2020103075  
 2020103076 2020103077 2020103078 2020103079  
 2020103081 2020103082 2020103083 2020103085  
 2020103086 2020103087 2020103088

**Revocation**

It is hereby notified that the offer by the Patentee **Fox, B.; Fox, M.** to surrender Patent 2020102175 which was advertised in the Official Journal of 05.11.2020 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

2001018920 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2001232509 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2001251652 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2001253600 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2002255899 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2002355927 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2003202309 Protean Global Pty Ltd The patent has been assigned to **Human Care HC AB**

2003204957 Sakata Beika Co. Ltd The patent has been assigned to **Terra Foods Corporation**

2003226019 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2003245679 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2005236397 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2005268733 Flextainer (Societe Anonyme) The patent has been assigned to **Scholle IPN Corporation**

2005307015 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2006252985 Syneos Health US, Inc. The patent has been assigned to **Adheris, LLC**

2007312840 Institute of Basic Medical Sciences, Chinese Academy of Medical Sciences The patent has been assigned to **Guangdong Yinzhu Pharmaceutical Technology Co., Ltd**

2008208577 Advanced Imaging Technologies (Proprietary) Limited The patent has been assigned to **ContiTech Services (Pty.) Ltd.**

2008208578 Advanced Imaging Technologies (Proprietary) Limited The patent has been assigned to **ContiTech Services (Pty.) Ltd.**

2008208579 Advanced Imaging Technologies (Proprietary) Limited The patent has been assigned to **ContiTech Services (Pty.) Ltd.**

2008242748 Leadiant Biosciences Limited The patent has been assigned to **Unikeris Limited**

**Assignments Registered**

2008242791 Leadiant Biosciences Limited The patent has been assigned to **Unikeris Limited**

2008246346 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2009202311 Bolduans Bay Holdings Pty Ltd The patent has been assigned to **Shellfish Culture Limited**

2009211623 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2009212809 Kottmann Technology GmbH The patent has been assigned to **UNIWELL Rohrsysteme GmbH & Co. KG**

2009261153 Takeda Pharmaceutical Company Limited The patent has been assigned to **SCOHIA PHARMA, Inc.**

2009306844 Schweerbau GmbH & Co. KG The patent has been assigned to **Schweerbau International GmbH & Co. KG**

2009310267 North & South Brother Pharmacy Investment Company Limited The patent has been assigned to **HEC Pharm Co., Ltd.**

2009352678 Retinagenix, LLC The patent has been assigned to **RETINAGENIX THERAPEUTICS, INC.**

2010246164 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2010246165 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2010246171 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2010256680 Babcock & Wilcox MEGTEC, LLC The patent has been assigned to **Durr Systems, Inc.**

2010308489 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2011244024 Retinagenix, LLC The patent has been assigned to **RETINAGENIX THERAPEUTICS, INC.**

2011256918 SCOTT TECHNOLOGY LIMITED The patent has been assigned to **Retro Moto Engineering Limited**

2011284474 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2011284562 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

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2011316872 Hunstable, Fred; Linear Labs, Inc. The patent has been assigned to **Linear Labs, Inc.**

2011343253 Vereniging Voor Christelijk Wetenschappelijk Onderwijs The patent has been assigned to **Stichting VUmc**

2012223582 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2012223584 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

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2012223594 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2012223595 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2012258706 Symic IP, LLC The patent has been assigned to **Symic OA ApS**

2012335016 Transaortic Medical, Inc. The patent has been assigned to **Medtronic, Inc.**

2013366046 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

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2013366049 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2014246866 TopiVert Pharma Limited The patent has been assigned to **Oxular Acquisitions Limited**

2014246870 TopiVert Pharma Limited The patent has been assigned to **Oxular Acquisitions Limited**

2014255346 Glaxosmithkline (China) Investment Co Ltd The patent has been assigned to **GlaxoSmithKline Consumer Healthcare (UK) IP Limited**

2014256546 Neuzil, Jiri; Smart Brain s.r.o.; Biotechnologicky ustav AV CR, v.v.i.; KKCG AG The patent has been assigned to **Neuzil, Jiri; Biotechnologicky ustav AV CR, v.v.i.; Smart Brain s.r.o.; Springtide Ventures S.R.O**

2014261220 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2014369449 TopiVert Pharma Limited The patent has been assigned to **Oxular Acquisitions Limited**

2015202682 Schwebbau GmbH & Co. KG The patent has been assigned to **Schwebbau International GmbH & Co. KG**

2015242371 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2015275895 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2015275896 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2015326614 TopiVert Pharma Limited The patent has been assigned to **Oxular Acquisitions Limited**

2016240027 Coopervision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2017240274 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2017252590 Coopervision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2017252594 Coopervision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

**Assignments Registered**

2017334221 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

2017378364 CooperVision International Holding Company, LP The patent has been assigned to **CooperVision International Limited**

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

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

2010223134 Sandvik Intellectual Property AB ( Sandvik Mining and Construction Australia Pty Ltd )

2015273708 Sandvik Intellectual Property AB ( Sandvik Mining and Construction Australia Pty Ltd )

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

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

2015294454 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2009258242 **The Scripps Research Institute**

The earliest first regulatory approval date provided by the patentee 07 Jul 2020

For the goods ZEPOSIA ozanimod

2015213309 **The Scripps Research Institute**

The earliest first regulatory approval date provided by the patentee 17 Jul 2020

For the goods ZEPOSIA ozanimod

**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.

2009258242 **The Scripps Research Institute**

The earliest first regulatory approval date provided by the patentee 07 Jul 2020

For the goods ZEPOSIA ozanimod

Address for service : AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2015209233 **Regeneron Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Jul 2020

For the goods LIBTAYO cemiplimab

Address for service : Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2015213309 **The Scripps Research Institute**

The earliest first regulatory approval date provided by the patentee 17 Jul 2020

For the goods ZEPOSIA ozanimod

Address for service : AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

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

2003267937 **Sanofi Pasteur Biologics, LLC**

The earliest first regulatory approval date provided by the patentee 20 Jul 2017

For the goods DENGVAIXIA dengue tetravalent vaccine

Extension of Term of patent pursuant to Section 77 expires on 15 Jan 2028

2018200239 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 16 Jul 2019

For the goods SKYRIZI risankizumab

Extension of Term of patent pursuant to Section 77 expires on 16 Jul 2034

**Corrigenda**

In Vol 30 , No 41 , Page(s) 6041 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PGS Geophysical AS., Application No.2015248990, under INID (72) correct the co-inventor to Hegna, Stian

In Vol 32 , No 11 , Page(s) 1567 under the heading **PCT applications that have entered the National Phase - Name Index** In Vol 32 , No 11 , Page(s) 1567 under the heading PCT applications that have entered the National Phase - Name Index Under the name Novozymes BioAg A/S, Application No. 2016320806, under INID (72) add co-inventor Woods, Kristi

In Vol 34 , No 21 , Page(s) 2975 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Contego Medical, LLC, Application No. 2018364666, under INID (71) correct the applicant name to Contego Medical, Inc.

In Vol 34 , No 47 , Page(s) 6816 under the heading **Applications Accepted - Name Index** Under the name PGS Geophysical AS., Application No.2015248990, under INID (72) correct the co-inventor to Hegna, Stian

In Vol 34 , No 48 , Page(s) 6955 under the heading **Applications Accepted - Name Index** Under the name Apple Inc., Application No. 2020267151, under INID (31) insert 63/020,462; under INID (32) insert the date 5.05.2020; under INID (33) insert US

In Vol 34 , No 49 , Page(s) 7106 under the heading **Applications Accepted - Name Index** In Vol 34 , No 49 , Page(s) 7106 under the heading Applications Accepted - Name Index Under the name Novozymes BioAg A/S, Application No.2016320806, under INID (72) add co-inventor Woods, Kristi

In Vol 34 , No 50 , Page(s) 7159 under the heading **Assignments Before Grant, Section 113 - 2016** Under the name Heart Research Institute Ltd., Application No 2016905231, under INID (71) correct the applicant name to Heart Research Institute, IBMC (Instituto de Biologia Molecular e Celular) and The University of Sydney

In Vol 34 , No 50 , Page(s) 7161 under the heading **Amendments - Application for Amendments** Under the name Medial Research Ltd.,

**Corrigenda**

Application No. 2014347669 correct the date of the statements filed to read 05 Nov 2020 and 10 Aug 2020

In Vol 34 , No 50 , Page(s) 7210 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ionis Pharmaceuticals, Inc.; Ludwig Institute for Cancer Research, Application No.2019287635, Under INID (72) add co-inventor CLEVE-LAND, Don W.

In Vol 34 , No 50 , Page(s) 7224 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name TTI (Macao Commercial Offshore) Limited, Application No. 2019331419, under INID (72) correct the co-inventor to DAWSON, Michael Paul

**Specifications Republished**

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

2015308345	<b>PCI Biotech AS</b>
2015328222	<b>Case Western Reserve University</b>
2016295663	<b>Landa Labs (2012) Ltd.</b>
2016312904	<b>Bayer Pharma Aktiengesellschaft</b>
2017302566	<b>Qualcomm Incorporated</b>
2018101509	<b>Wear Systems Solutions Pty Ltd</b>
2018253639	<b>Novartis AG</b>