



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

*Aldridge Traffic Controllers Pty Ltd [2020] APO 4*

Patent Application: 2017203721

Title: Traffic signal controller system and method

Patent Applicant: Aldridge Traffic Controllers Pty Ltd

Delegate: Xavier Gisz

Decision Date: 8 February 2021

Hearing Date: Written submissions filed on 17 November 2020

Catchwords: **PATENTS** - section 100A – re-examination – inventive step – claimed invention lacks an inventive step – applicant given the opportunity to amend

Representation: Shelston IP

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Stephen L. Thaler* [2021] APO 5**

Patent Application: 2019363177

Title: Food container and devices and methods for attracting enhanced attention

Patent Applicant: Stephen L. Thaler

Delegate: Dr S.D. Barker – Deputy Commissioner of Patents

Decision Date: 9 February 2021

Hearing Date: Written submissions filed on 19 November 2020 and 9 December 2020

Catchwords: **PATENTS** – whether an artificial intelligence machine can be an inventor for the purposes of regulation 3.2C(2)(aa) – the language of the *Patents Act* is inconsistent with an application for a patent identifying an artificial intelligence machine as an inventor – application lapsed

Representation: Patent attorneys for the applicant: Davies Collison Cave Pty Ltd

Abstract of Decision

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Andrew Bodlovich and Kevin Gleeson v Green Camel Pty Limited [2021] APO 6***

Patent Application:	2017258843
Title:	Frameworks and methodologies configured to enable soil-based production of plants
Patent Applicant:	Green Camel Pty Limited
Requestor:	Andrew Bodlovich and Kevin Gleeson
Delegate:	Felix White
Decision Date:	9 February 2021
Hearing Date:	Written submissions filed on 11 December 2020
Catchwords:	<b>PATENTS</b> –COVID extension of time to file evidence in support of entitlement – Commissioner’s determination of practice and procedure under Reg 22.24 – factors for consideration – relevance of evidence – explanation for delay – no evidence contradicting streamlined declaration – balance of interests – extension of time granted – no award of costs
Representation:	Solicitor for the applicant: Adams Pluck Solicitor for the opponent: Allens

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 2 Feb 2021 .

<b>Adjokatse, J. see Adjokatse, J.</b> (21) 2021900230	(71) Australian Nuclear Science and Technology Organisation (21) 2021900220 (22) 02.02.2021 (54) Method and Target for Mo-99 Manufacture	(71) Blazing Brave Pty Ltd (21) 2021900261 (22) 04.02.2021 (54) A CANDLE, METHOD FOR ASSEMBLING A CANDLE, A CANDLE ASSEMBLY APPARATUS, AND A FUEL ELEMENT
(71) Adjokatse, J.; Adjokatse, J. (21) 2021900230 (22) 02.02.2021 (54) Backpack Assembly	(71) Automatic Technology (Australia) Pty Ltd (21) 2021900276 (22) 05.02.2021 (54) Locking device for closure drive	(71) Breville Pty Limited (21) 2021900238 (22) 03.02.2021 (54) Food processing device
(71) Aegros Ltd (21) 2021900275 (22) 05.02.2021 (54) Single pass electro-separation system	(71) Balaji, A. (21) 2021900224 (22) 02.02.2021 (54) Biometric Insole with a Mobile Interface for Gait Analysis in Healthcare and Consumer Technology	(71) Bridge Design & Construct Pty Ltd (21) 2021900270 (22) 05.02.2021 (54) COMPACTOR AND ROLLER DRUM THEREFORE
(71) AIBUILD PTY LTD (21) 2021900262 (22) 04.02.2021 (54) METHOD FOR FALL PREDICTION, FALL DETECTION AND ELECTRONIC FALL EVENT ALERT SYSTEM FOR AGED CARE FACILITIES	(71) Bartos, I. (21) 2021900215 (22) 01.02.2021 (54) A Multi-Faceted Arcade Game Device	(71) Bryant, G. (21) 2021900278 (22) 05.02.2021 (54) Tactile Ground Surface Indicator Extension(s)
(71) Alcoa of Australia Limited (21) 2021900240 (22) 03.02.2021 (54) Method for carbon reduction	(71) Bartos, I. (21) 2021900217 (22) 02.02.2021 (54) METHOD AND APPARATUS FOR SEPARATION OF A SUBSTANCE FROM WATER	(71) CellaED Life Saver Pty Ltd (21) 2021900233 (22) 03.02.2021 (54) AUTOMATIC EXTERNAL DEFIBRILLATOR ELECTRODE ARRANGEMENTS AND RELATED APPARATUS USES AND METHODS
(71) Aleknaviccius, J. (21) 2021900271 (22) 05.02.2021 (54) SYSTEM AND METHOD OF ANONYMISING ONLINE INTERACTIONS AND TRANSACTIONS	<b>BARZAK, F. see FILICHEV, V.</b> (21) 2021900164	(71) Cripps Clark, J. (21) 2021900281 (22) 07.02.2021 (54) A low resolution arrangement for encouraging data privacy, implementable as a transition to better models & collaborative techniques. Onus by the data producer, sovereign regulation and properly implemented service/app supplier privacy supported by service/app supply-process vetting (app and hardware/architecture supplier agreement) and control within device operating systems to direct use of user data produced by apps. Nominations include : no-sharing and sharing-with-
(71) Alure Imports (21) 2021900284 (22) 07.02.2021 (54) A Solar Shower Backpack - a traditional solar shower with out modifications	(71) Baseline Asset Technologies Pty Ltd (21) 2021900251 (22) 04.02.2021 (54) Measurement of conveyor position and condition relative to transfer chutes	
<b>Attard, D. see O'Connor, B.</b> (21) 2021900286	(71) BECK, S. (21) 2021900249 (22) 04.02.2021 (54) A CORD FEEDER	
	(71) Blank, S. (21) 2021900258 (22) 04.02.2021 (54) Beverage Cup with Straw	

Provisional Applications Filed - Name Index cont'd

nominated-Data-Agent, beyond any data functionality / destination that the app (self-)directs.

(71) Cryoclock Pty Ltd  
(21) 2021900226 (22) 02.02.2021  
(54) FREQUENCY STABILIZATION SYSTEM AND METHOD

(71) Cunningham, S.  
(21) 2021900246 (22) 03.02.2021  
(54) Retrofittable CPE Protective Grounding Apparatus

(71) David Feng Pty Ltd  
(21) 2021900285 (22) 07.02.2021  
(54) Use of  $\beta$ -caryophyllene in topical application for cosmetics

(71) EMR 2 ELECTRICAL PTY LTD  
(21) 2021900248 (22) 04.02.2021  
(54) FLYWHEEL POWER SUPPLY MOTOR

(71) FILICHEV, V.; HARJES, E.; JAMESON, G.; HARJES, S.; KVACH, M.; KURUP, H.; BARZAK, F.; SU, Y.  
(21) 2021900164 (22) 26.01.2021  
(54) SINGLE STRANDED DNA ENZYME INHIBITORS

(71) Gough, J.  
(21) 2021900265 (22) 05.02.2021  
(54) Self returning Balls

(71) GR & CC Morgan Pty Limited  
(21) 2021900223 (22) 02.02.2021  
(54) A restoration assembly and method

(71) GREY, N.  
(21) 2021900280 (22) 06.02.2021  
(54) PLAYER INTERACTION AID

(71) Griffith University  
(21) 2021900212 (22) 01.02.2021  
(54) Sars-CoV-2 vaccine antigens

(71) Gunzburg, S.; LCBK Pty Ltd  
(21) 2021900259 (22) 04.02.2021  
(54) Single step process for the extraction of cannabinoids from plant material and formulation of extract into a product for topical application.

HARJES, E. see FILICHEV, V.  
(21) 2021900164

HARJES, S. see FILICHEV, V.  
(21) 2021900164

(71) HITIQ Limited  
(21) 2021900247 (22) 04.02.2021

(54) INSTRUMENTED MOUTHGUARD DEVICES AND ASSOCIATED TECHNOLOGY CONFIGURED TO ENABLE: (i) ANALYSIS OF HEAD IMPACT EVENTS; AND (ii) ANALYSIS OF PHYSICAL PERFORMANCE, INCLUDING FOLLOWING A HEAD IMPACT EVENT

(71) Imtrade Australia Pty Ltd  
(21) 2021900268 (22) 05.02.2021  
(54) Herbicide formulation comprising flumioxazin

(71) Incannex Healthcare Limited  
(21) 2021900241 (22) 03.02.2021  
(54) A method of treatment

JAMESON, G. see FILICHEV, V.  
(21) 2021900164

(71) JORGENSON-WATTS IP PTY LTD  
(21) 2021900222 (22) 02.02.2021  
(54) An Infill Assembly

(71) KINALTEK PTY. LTD.  
(21) 2021900254 (22) 04.02.2021  
(54) Long-term antifouling covering

KURUP, H. see FILICHEV, V.  
(21) 2021900164

KVACH, M. see FILICHEV, V.  
(21) 2021900164

LCBK Pty Ltd see Gunzburg, S.  
(21) 2021900259

(71) Leggett, T.  
(21) 2021900225 (22) 02.02.2021  
(54) SYSTEM AND METHOD FOR GENERATING SPORTING EVENT STATISTICS

(71) Looper Strap Weights Pty Ltd  
(21) 2021900235 (22) 03.02.2021  
(54) Carrier for objects

(71) MANE FENCING PTY LTD  
(21) 2021900257 (22) 04.02.2021  
(54) Temporary Building Edge Safety Screen Support

(71) Mersiades, M.; smith, B.  
(21) 2021900231 (22) 02.02.2021  
(54) Collapsible Spheroid Syringe

(71) Mesoblast International Sarl  
(21) 2021900250 (22) 04.02.2021  
(54) Opioid sparing compositions and methods of using the same

(71) Metrologi Pty Ltd  
(21) 2021900237 (22) 03.02.2021  
(54) Slurry Pipeline and Component Therefor

(71) Miniotas, P.  
(21) 2021900218 (22) 02.02.2021  
(54) Modular Disc Brake Rotor - A rotor with 3 groups of components. Spider, Braking Surface (Rotor) and Fixing Bolts. All components can be exchanged/replaced with no specialist tools required. Braking forces from the Rotor are applied directly to the Spider and the Spider assists in cooling from heat build-up due to friction applied to the Braking surface.

(71) Monash University  
(21) 2021900256 (22) 04.02.2021  
(54) BIOMARKER ASSAY FOR DIABETIC KIDNEY DISEASE

(71) Monash University  
(21) 2021900277 (22) 05.02.2021  
(54) METAL NANOWIRE FOAM

(71) Nilsen, L.  
(21) 2021900264 (22) 05.02.2021  
(54) Global Warming Reversal device and system

(71) O'Connor, B.; Attard, D.  
(21) 2021900286 (22) 07.02.2021  
(54) Hinge-It, Latch-It, Jamb-It. A Hinge, latch and jamb template designed to be locked onto doors and door jambs by the means of double action locking over center cams for the purpose of using guide bit routers to create rebates to accommodate hinge and latch hardware on various doors and door jambs.

(71) OCTAVIAN & DESMOND PTY LTD  
(21) 2021900219 (22) 02.02.2021  
(54) Novel Method of Manufacture for MDMA, Different Intermediates, Enantiomers, Pharmaceutical Preparations, and Their Therapeutic Use

(71) Owens, M.  
(21) 2021900287 (22) 08.02.2021  
(54) Emissions Treatment

Provisional Applications Filed - Name Index cont'd

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**Pearson, L. see Pearson, A.**  
(21) 2021900263

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(71) Pearson, A.; Pearson, L.  
(21) 2021900263 (22) 04.02.2021  
(54) REUSABLE CLING FILM

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(71) PIPA Pty Ltd  
(21) 2021900245 (22) 03.02.2021  
(54) LIFTING DEVICE FOR LARGE PIPES

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(71) Player, B.  
(21) 2021900288 (22) 08.02.2021  
(54) Multiple claims for a surfing leash apparatus with an adjoining cuff component that includes two or more layers that are thermally bonded to each other, in part, or in full.

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(71) Reid, G.  
(21) 2021900269 (22) 05.02.2021  
(54) CHILDREN'S EXERCISE AND ACTIVITY APPARATUS

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(71) ResMed Pty Ltd  
(21) 2021900242 (22) 03.02.2021  
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

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(71) ResMed Pty Ltd  
(21) 2021900243 (22) 03.02.2021  
(54) POSITIONING AND STABILISING STRUCTURE AND SYSTEM INCORPORATING SAME

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(71) ResMed Pty Ltd  
(21) 2021900244 (22) 03.02.2021  
(54) POSITIONING AND STABILISING STRUCTURE AND SYSTEM INCORPORATING SAME

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(71) ResMed Pty Ltd  
(21) 2021900272 (22) 05.02.2021  
(54) Positioning and stabilising structure and the system incorporating same

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(71) Rondo Building Services Pty Limited  
(21) 2021900239 (22) 03.02.2021  
(54) Access panel

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(71) Sandler, I.  
(21) 2021900211 (22) 01.02.2021  
(54) A TOY CONFIGURED TO ENABLE COMICAL WEAPONIZATION OF FLATULENCE

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(71) SCOTT, I.; URRUTIA CONUS, F.  
(21) 2021900236 (22) 03.02.2021  
(54) Pole support

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**smith, B. see Mersiades, M.**  
(21) 2021900231

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(71) So, D.  
(21) 2021900260 (22) 04.02.2021  
(54) Sound Data Code

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(71) SOLIDpower (Australia) Pty Ltd  
(21) 2021900273 (22) 05.02.2021  
(54) Glass composition for fuel cell stack sealing

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(71) Stenning Seaforth Pty Ltd  
(21) 2021900221 (22) 02.02.2021  
(54) System for Tidal Generation of Pressurised Water

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(71) Strumendo, D.  
(21) 2021900267 (22) 05.02.2021  
(54) IMPROVED DENTAL MIRROR

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**SU, Y. see FILICHEV, V.**  
(21) 2021900164

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(71) Sweet Baby Sleep  
(21) 2021900283 (22) 07.02.2021  
(54) Weighted arms for an easy transition out of a traditional baby swaddle

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(71) The Australian National University  
(21) 2021900252 (22) 04.02.2021  
(54) Modulation of Voltage-Gated Calcium Channel Activity and Connection with the Cell Cytoskeleton

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(71) The Council of the Queensland Institute of Medical Research  
(21) 2021900279 (22) 05.02.2021  
(54) METHOD OF TREATING INFLAMMATION-INDUCED DISEASE

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(71) The Insides Company Limited  
(21) 2021900266 (22) 05.02.2021  
(54) A MEDICAL PUMP DEVICE

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(71) Thesinger, P.  
(21) 2021900274 (22) 05.02.2021  
(54) Tick Off!

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(71) Torres, A.  
(21) 2021900227 (22) 02.02.2021  
(54) A Cannabichromene wetttable powder or WP for use as an agricultural fungicide

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(71) Torres, A.  
(21) 2021900228 (22) 02.02.2021  
(54) A Cannabigerol wetttable powder or WP for use as an agricultural fungicide

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(71) Torres, A.  
(21) 2021900229 (22) 02.02.2021  
(54) A Cannabidiol wetttable powder or WP for use as an agricultural fungicide

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(71) Trend Laboratories Pty Ltd  
(21) 2021900232 (22) 03.02.2021  
(54) Refill Assembly

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**URRUTIA CONUS, F. see SCOTT, I.**  
(21) 2021900236

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(71) Vanquish Technologies Ltd  
(21) 2021900253 (22) 04.02.2021  
(54) AIR PURIFICATION DEVICE

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(71) Vitruvian Investments Pty Ltd  
(21) 2021900255 (22) 04.02.2021  
(54) FITNESS TRAINING APPARATUS, AND COMPUTER-IMPLEMENTED METHOD AND SYSTEM OF FITNESS TRAINING

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<b>2021900235</b>	Looper Strap Weights Pty Ltd		
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<b>2021900243</b>	ResMed Pty Ltd		
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**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 2 Feb 2021 .

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

<hr/> <p>(71) Abiomed, Inc.                      (21) 2021200363 (22) 20.01.2021                      (54) Hemostatic valve for medical device in-                      troducer                      (62) 2016311280</p> <hr/> <p>(71) Academia Sinica                      (21) 2021200283 (22) 18.01.2021                      (54) Novel glycan conjugates and methods                      of use thereof                      (62) 2015378564</p> <hr/> <p>(71) Acceleron Pharma, Inc.                      (21) 2021200301 (22) 19.01.2021                      (54) Methods for increasing red blood cell                      levels and treating ineffective eryth-                      ropoiesis by inhibiting activin B and/or                      GDF11                      (62) 2015231022</p> <hr/> <p>(71) Accenture Global Solutions Limited                      (21) 2021200299 (22) 19.01.2021                      (54) INFORMATION PLATFORM FOR A                      VIRTUAL ASSISTANT                      (62) 2019219756</p> <hr/> <p>(71) Action Products Marketing, LLC                      (21) 2021200340 (22) 20.01.2021                      (54) Dry pipe rehabilitation spincaster                      (31) 62/963,400 (32) 20.01.20 (33) US</p> <hr/> <p>(71) Advanced New Technologies Co., Ltd.                      (21) 2021200387 (22) 21.01.2021                      (54) Operation object processing method                      and apparatus                      (62) 2017329937</p> <hr/> <p>(71) Advanced New Technologies Co., Ltd.                      (21) 2021200420 (22) 22.01.2021                      (54) Method and apparatus for processing                      transaction requests                      (62) 2018243625</p> <hr/> <p>(71) AGENUS INC.; LUDWIG INSTITUTE                      FOR CANCER RESEARCH LTD; ME-                      MORIAL SLOAN KETTERING CAN-                      CER CENTER                      (21) 2021200281 (22) 18.01.2021                      (54) ANTI-PD-1 ANTIBODIES AND METH-                      ODS OF USE THEREOF                      (62) 2016317915</p>	<hr/> <p>(71) Apex Neuro Holdings, Inc.                      (21) 2021200308 (22) 19.01.2021                      (54) Devices and methods for using mech-                      anical affective touch therapy to reduce                      stress, anxiety and depression                      (31) 17/026,268 (32) 20.09.20 (33) US</p> <hr/> <p>(71) Apple Inc.                      (21) 2021200403 (22) 21.01.2021                      (54) Synchronization and verification groups                      among related devices                      (62) 2020203360</p> <hr/> <p>(71) Apple Inc.                      (21) 2021200415 (22) 22.01.2021                      (54) Embedded authentication systems in                      an electronic device                      (62) 2019204387</p> <hr/> <p>(71) Apple Inc.                      (21) 2021200431 (22) 22.01.2021                      (54) Techniques for high efficiency entropy                      coding of video data                      (62) 2019201683</p> <hr/> <p>(71) Apple Inc.                      (21) 2021200451 (22) 22.01.2021                      (54) Modifying security state with secured                      range detection                      (62) 2017286140</p> <hr/> <p>(71) Ariagen, Inc.                      (21) 2021200452 (22) 22.01.2021                      (54) Aryl hydrocarbon receptor modulator                      (62) 2017389794</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty                      Limited                      (21) 2021200289 (22) 18.01.2021                      (54) A GAMING SYSTEM AND A METHOD                      OF GAMING                      (62) 2018264153</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty                      Limited                      (21) 2021200457 (22) 22.01.2021                      (54) A METHOD OF PLAYER TRACKING                      (62) 2018282394</p>	<hr/> <p>(71) Astellas Institute for Regenerative                      Medicine                      (21) 2021200383 (22) 21.01.2021                      (54) Improved modalities for the treatment of                      degenerative diseases of the retina                      (62) 2018282333</p> <hr/> <p>(71) Atrium Medical Corporation                      (21) 2021200380 (22) 21.01.2021                      (54) CHEST DRAINAGE SYSTEMS AND                      METHODS                      (62) 2019203962</p> <hr/> <p>(71) Aurigene Discovery Technologies Lim-                      ited                      (21) 2021200330 (22) 19.01.2021                      (54) Substituted Tetrahydroquinolinone                      Compounds as ROR Gamma Modulat-                      ors                      (62) 2016262969</p> <hr/> <p>(71) Autochair Limited                      (21) 2021200333 (22) 19.01.2021                      (54) Lifting system                      (31) 2000907.2 (32) 22.01.20 (33) GB</p> <hr/> <p>(71) Ball Corporation                      (21) 2021200442 (22) 22.01.2021                      (54) TAPERED METAL CUP AND METHOD                      OF FORMING THE SAME                      (62) 2017398102</p> <hr/> <p>(71) Baxter, K.                      (21) 2021200466 (22) 25.01.2021                      (54) Oil filter adapter                      (62) 2016250414</p> <hr/> <p>(71) BIOM'UP France SAS                      (21) 2021200468 (22) 25.01.2021                      (54) HEMOSTATIC COMPOSITIONS                      (62) 2018274924</p> <hr/> <p>(71) Blackline Safety Corp.                      (21) 2021200284 (22) 18.01.2021                      (54) Portable Personal Monitor Device and                      Associated Methods                      (62) 2017341734</p> <hr/> <p>(71) Boston Scientific Scimed, Inc.                      (21) 2021200393 (22) 21.01.2021                      (54) Stent                      (62) 2019253575</p>
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<p>(71) Bui, T. (21) 2021200259 (22) 16.01.2021 (54) Weight reduction device (31) 2020900121 (32) 16.01.20 (33) AU</p>	<p>(54) A publicly accessible urban beach entertainment complex including a surf feature with a centerpiece man-made tropical-style lagoon and method for providing efficient utilization of limited use land (62) 2018405540</p>	<p>(71) Esdec B.V. (21) 2021200427 (22) 22.01.2021 (54) SYSTEM AND METHOD FOR MOUNTING A SOLAR PANEL ONTO A SUBSTANTIALLY FLAT MOUNTING SURFACE (31) 20157504.0 (32) 14.02.20 (33) EP</p>
<p>(71) C.R. Bard, Inc. (21) 2021200294 (22) 18.01.2021 (54) Inflatable perfusion balloon with outer mesh and related methods (62) 2016246531</p>	<p>(71) Daifuku Co., Ltd. (21) 2021200384 (22) 21.01.2021 (54) CONVEYOR (31) 2020-025745 (32) 19.02.20 (33) JP</p>	<p>(71) F. Hoffmann-La Roche AG (21) 2021200352 (22) 20.01.2021 (54) Tetrahydro-pyrido[3,4-b]indole estrogen receptor modulators and uses thereof (62) 2020200407</p>
<p>(71) Capnia, Inc. (21) 2021200454 (22) 22.01.2021 (54) Neonatal carbon dioxide measurement system (62) 2019204455</p>	<p>(71) David, L. (21) 2021200460 (22) 24.01.2021 (54) Self-Weighing Expandable Bag (31) 16/552,247 (32) 27.08.19 (33) US</p>	<p><b>F. Hoffmann-La Roche AG see Genentech, Inc.</b> (21) 2021200465</p>
<p>(71) Capral Limited (21) 2021200425 (22) 22.01.2021 (54) Frame Assembly for Retaining a Screen (62) 2018282314</p>	<p>(71) Deere &amp; Company (21) 2021200338 (22) 20.01.2021 (54) Machine control using a predictive map (31) 17/066,444 (32) 08.10.20 (33) US 16/783,475 06.02.20 US 16/783,511 06.02.20 US</p>	<p>(71) Fabric Genomics, Inc.; University of Utah (21) 2021200411 (22) 22.01.2021 (54) METHODS AND SYSTEMS FOR GENOME ANALYSIS (62) 2015206538</p>
<p>(71) Cartiva, Inc. (21) 2021200319 (22) 19.01.2021 (54) Carpometacarpal (CMC) implants and methods (62) 2016243660</p>	<p>(71) Dejero Labs Inc. (21) 2021200428 (22) 22.01.2021 (54) System and method for automatic encoder adjustment based on transport data (62) 2019201095</p>	<p>(71) Fasteners For Retail, Inc. (21) 2021200458 (22) 24.01.2021 (54) SHELVING SYSTEM AND METHODS (31) 62/965,656 (32) 24.01.20 (33) US 17/150,345 15.01.21 US</p>
<p>(71) CATS TONOMETER, LLC (21) 2021200334 (22) 20.01.2021 (54) REDUCING ERRORS OF OPTICAL MEASUREMENTS OF INTERNAL PRESSURE OF A BODY PERFORMED WITH AN OPTICAL MEMBER IN CONTACT WITH THE BODY (62) 2018385598</p>	<p>(71) DesignereX Group Pty Ltd (21) 2021200296 (22) 18.01.2021 (54) AN IMPROVED DESIGNER CLOTHING DISTRIBUTION SYSTEM (62) 2015321407</p>	<p>(71) Fisher &amp; Paykel Healthcare Limited (21) 2021200359 (22) 20.01.2021 (54) PATIENT INTERFACE AND HEADGEAR (62) 2019203162</p>
<p>(71) City of Hope (21) 2021200399 (22) 21.01.2021 (54) CHEMICALLY ENCODED SPATIALLY ADDRESSED LIBRARY SCREENING PLATFORMS (62) 2016222755</p>	<p>(71) Diamond (WA) Pty Ltd (21) 2021200456 (22) 22.01.2021 (54) Conveyor Cover (31) 2020900202 (32) 24.01.20 (33) AU</p>	<p>(71) FSP Holdings Pty Ltd (21) 2021200413 (22) 22.01.2021 (54) Improvements in trellis posts (62) PCT/AU2019/050766</p>
<p>(71) Colgate-Palmolive Company (21) 2021200350 (22) 20.01.2021 (54) Oral care system and method (62) 2017356208</p>	<p>(71) Dolby Laboratories Licensing Corporation (21) 2021200437 (22) 22.01.2021 (54) System and tools for enhanced 3D audio authoring and rendering (62) 2019257459</p>	<p>(71) Fuvi Cognitive Network Corporation (21) 2021200339 (22) 20.01.2021 (54) APPARATUS, METHOD, AND SYSTEM OF INSIGHT-BASED COGNITIVE ASSISTANT FOR ENHANCING USER'S EXPERTISE IN LEARNING, REVIEW, REHEARSAL, AND MEMORIZATION (62) 2018283906</p>
<p>(71) COURTIN, K. (21) 2021200361 (22) 20.01.2021 (54) End piece for dispensing fluid having bactericidal and/or bacteriostatic properties (62) 2015357116</p>	<p>(71) Dyax Corp. (21) 2021200309 (22) 19.01.2021 (54) Compositions and methods for treatment of diabetic macular edema (62) 2015235967</p>	<p>(71) GASBOT PTY LTD (21) 2021200379 (22) 20.01.2021 (54) METHOD AND APPARATUS</p>
<p>(71) Crystal Lagoons (Curacao) B.V. (21) 2021200282 (22) 18.01.2021</p>	<p>(71) Equifax, Inc. (21) 2021200434 (22) 22.01.2021 (54) Optimizing Neural Networks For Risk Assessment (62) 2016243106</p>	<p>(71) Geberit International AG (21) 2021200342 (22) 20.01.2021 (54) A mounting device for the detachable mounting of a fitting part on a toilet body (31) 20152653.0 (32) 20.01.20 (33) EP</p>

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<p>(71) Genentech, Inc. (21) 2021200422 (22) 22.01.2021 (54) Use of biomarkers for assessing treatment of gastrointestinal inflammatory disorders with beta7 integrin antagonists (62) 2018206728</p>	<p>(54) Method and system for online transactions (62) 2015244501</p>	<p>(71) Illumina, Inc. (21) 2021200408 (22) 21.01.2021 (54) Integrated Optoelectronic Read Head And Fluidic Cartridge Useful For Nucleic Acid Sequencing (62) 2019200400</p>
<p>(71) Genentech, Inc.; F. Hoffmann-La Roche AG (21) 2021200465 (22) 25.01.2021 (54) Apparatus and method for direct drug infusion (31) 62/966,495 (32) 27.01.20 (33) US</p>	<p>(71) Heat Biologics, Inc. (21) 2021200367 (22) 20.01.2021 (54) Compositions and methods for adjoining type i and type ii extracellular domains as heterologous chimeric proteins (62) 2016331076</p>	<p>(71) Impossible Foods Inc. (21) 2021200365 (22) 20.01.2021 (54) Methods and compositions for consumables (62) 2018256629</p>
<p>(71) General Electric Company (21) 2021200369 (22) 20.01.2021 (54) EXHAUST PLUME CONTROL STRUCTURE AND POWER GENERATING PLANT INCLUDING SAME (31) 16/798,506 (32) 24.02.20 (33) US</p>	<p>(71) Heraeus Medical GmbH (21) 2021200285 (22) 18.01.2021 (54) Intramedullary nail for the application of pharmaceutical fluids (31) 20167055.1 (32) 31.03.20 (33) EP</p>	<p>(71) Inovio Pharmaceuticals, Inc. (21) 2021200414 (22) 22.01.2021 (54) A minimally invasive dermal electroporation device (62) 2019203517</p>
<p>(71) Geomoby Pty Ltd (21) 2021200455 (22) 22.01.2021 (54) A location determination method and system (62) 2018206737</p>	<p>(71) HONEYWELL INTERNATIONAL INC. (21) 2021200291 (22) 18.01.2021 (54) APPARATUSES, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IMPROVED MONITORED BUILDING ENVIRONMENT MONITORING AND SCORING (31) 16/747,479 (32) 20.01.20 (33) US 17/068,624 12.10.20 US 17/121,528 14.12.20 US</p>	<p>(71) Institute of Oceanographic Instrumentation, Shandong Academy of Sciences (21) 2021200324 (22) 19.01.2021 (54) Underwater self-organizing network layered cooperative routing method and a system achieving the same (31) 202010064491.1 (32) 20.01.20 (33) CN</p>
<p>(71) Grail, Inc. (21) 2021200391 (22) 21.01.2021 (54) Differential tagging of RNA for preparation of a cell-free DNA/RNA sequencing library (62) 2017290237</p>	<p>(71) Horizon Orphan LLC (21) 2021200321 (22) 19.01.2021 (54) ADO-Resistant Cysteamine Analogs And Uses Thereof (62) 2016288230</p>	<p>(71) Intelligent Sciences, Ltd. (21) 2021200307 (22) 19.01.2021 (54) AIRCRAFT ACOUSTIC POSITION AND ORIENTATION DETECTION METHOD AND APPARATUS (62) 2016420400</p>
<p>(71) Gruppo Cimbali S.p.A. (21) 2021200406 (22) 21.01.2021 (54) METHOD OF CONTROLLING THE OUTFLOW OF THE AMOUNT OF WATER REQUIRED TO FORM A GIVEN DOSE OF A BEVERAGE OBTAINED FROM GROUND COFFEE AS IT IS BEING DISPENSED INTO A CUP AND APPARATUS FOR CARRYING OUT SUCH A METHOD (31) 102020000001159 (32) 22.01.20 (33) IT</p>	<p>(71) HOWMEDICA OSTEONICS CORP. (21) 2021200320 (22) 19.01.2021 (54) FEMORAL IMPLANT (31) 62/964,330 (32) 22.01.20 (33) US</p>	<p>(71) inTraffic (21) 2021200203 (22) 14.01.2021 (54) Interstate Vehicle Registration Service</p>
<p>(71) Hannay Douglas Pty Ltd (21) 2021200351 (22) 20.01.2021 (54) APPARATUS AND METHOD FOR VAPOUR HEAT TREATMENT (31) 2020900151 (32) 20.01.20 (33) AU 2020900595 28.02.20 AU 2020900824 18.03.20 AU</p>	<p>(71) Hunan Yuanpin Cell Technology Co. Ltd (21) 2021200357 (22) 20.01.2021 (54) Use of mesenchymal stem cells in the treatment of viral infections and/or complications caused by viral infections (31) 202010979148.X (32) 17.09.20 (33) CN 202010979140.3 17.09.20 CN 202010979138.6 17.09.20 CN</p>	<p>(71) J.C. Bamford Excavators Ltd (21) 2021200377 (22) 20.01.2021 (54) AN UNDERCARRIAGE (31) 2000796.9 (32) 20.01.20 (33) GB</p>
<p>HAYWARD, C.Q. see HAYWARD, K.M. (21) 2021200335</p>	<p>(71) Ibenetrus, Inc. (21) 2021200412 (22) 22.01.2021 (54) Bispecific proteins and methods for preparing same (62) 2017298535</p>	<p>(71) J.C. Bamford Excavators Ltd (21) 2021200378 (22) 20.01.2021 (54) AN AXLE ASSEMBLY (31) 2000801.7 (32) 20.01.20 (33) GB</p>
<p>(71) HAYWARD, K.M.; HAYWARD, C.Q. (21) 2021200335 (22) 20.01.2021</p>	<p>(71) IGM BIOSCIENCES, INC. (21) 2021200348 (22) 20.01.2021 (54) Binding molecules with modified J-chain (62) 2016329197</p>	<p>(71) Janssen Biotech, Inc. (21) 2021200400 (22) 21.01.2021 (54) Protoxin-II variants and methods of use (62) 2016226443</p>
		<p>(71) Janssen Pharmaceutica NV (21) 2021200345 (22) 20.01.2021 (54) Novel 6-6 bicyclic aromatic ring substituted nucleoside analogues for use as PRMT5 inhibitors (62) 2016311295</p>

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(71) Jusand Nominees Pty Ltd  
 (21) 2021200376 (22) 20.01.2021  
 (54) SAFETY SYSTEM AND METHOD FOR PROTECTING AGAINST A HAZARD OF DRILL ROD FAILURE IN A DRILLED ROCK BORE  
 (62) 2015255248

(71) Komatsu Ltd.  
 (21) 2021200371 (22) 20.01.2021  
 (54) Work system, work machine, and control method  
 (62) 2018345470

(71) LAGUNA POOLS AND SPAS (VIC) PTY LTD  
 (21) 2021200313 (22) 19.01.2021  
 (54) Laguna Skimmer 01

(71) LEGEND BIOTECH IRELAND LIMITED  
 (21) 2021200453 (22) 22.01.2021  
 (54) Chimeric antigen receptors targeting BCMA and methods of use thereof  
 (62) 2017311089

(71) Lensar, Inc.  
 (21) 2021200326 (22) 19.01.2021  
 (54) Laser methods and systems for addressing conditions of the lens  
 (62) 2019216685

(71) LIAU, S.  
 (21) 2021200362 (22) 20.01.2021  
 (54) System and method for directing content to users of a social networking engine  
 (62) 2018256595

(71) Life Technologies Corporation  
 (21) 2021200418 (22) 22.01.2021  
 (54) Cell culture medium comprising small peptides  
 (62) 2018202612

(71) Lifetime Products, Inc.  
 (21) 2021200305 (22) 19.01.2021  
 (54) Dual color blow molding process  
 (62) 2017322239

(71) Lifetime Products, Inc.  
 (21) 2021200306 (22) 19.01.2021  
 (54) Blow molded part including compression molded element  
 (62) 2017351057

(71) Lincoln Global, Inc.  
 (21) 2021200311 (22) 19.01.2021  
 (54) Dual wire welding or additive manufacturing system and method  
 (31) 16/773,074 (32) 27.01.20 (33) US

(71) Lincoln Global, Inc.  
 (21) 2021200318 (22) 19.01.2021  
 (54) Welding or additive manufacturing dual wire drive system  
 (31) 16786,077 (32) 10.02.20 (33) US

(71) Liporegena GmbH  
 (21) 2021200344 (22) 20.01.2021  
 (54) Non-enzymatic method and milling device  
 (62) 2017255912

**LUDWIG INSTITUTE FOR CANCER RESEARCH LTD see AGENUS INC.**  
 (21) 2021200281

(71) MASTERCARD INTERNATIONAL INCORPORATED  
 (21) 2021200292 (22) 18.01.2021  
 (54) System and method for routing ACH payments initiated within vendor-defined ACH payment schemes  
 (62) 2017336906

(71) Mayerle, D.  
 (21) 2021200395 (22) 21.01.2021  
 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM  
 (62) 2019275558

(71) MedImmune, LLC  
 (21) 2021200423 (22) 22.01.2021  
 (54) METHOD OF PURIFYING ALBUMIN-FUSION PROTEINS  
 (62) 2016228806

(71) Melton, S.  
 (21) 2021200364 (22) 20.01.2021  
 (54) COVER WITH ADAPTABLE APERTURES  
 (31) 2020903669 (32) 09.10.20 (33) AU

(71) Memorial Sloan Kettering Cancer Center; The Trustees of Princeton University  
 (21) 2021200360 (22) 20.01.2021  
 (54) Lipid scavenging in Ras cancers  
 (62) 2018201800

**MEMORIAL SLOAN KETTERING CANCER CENTER see AGENUS INC.**  
 (21) 2021200281

(71) Meng, C.  
 (21) 2021200298 (22) 18.01.2021  
 (54) Electric ARC Lighter. Windproof, Rechargeable, Environment Friendly ARC Electric lighter for kitchen, gas, BBQ, candle, outdoor use, etc..

(71) Millennium Pharmaceuticals, Inc.  
 (21) 2021200370 (22) 20.01.2021  
 (54) Boron-containing proteasome inhibitors for use after primary cancer therapy  
 (62) 2015264272

(71) Minerva Biotechnologies Corporation  
 (21) 2021200429 (22) 22.01.2021  
 (54) Method for enhancing tumor growth  
 (62) 2014306778

(71) MJN U.S. Holdings LLC  
 (21) 2021200368 (22) 20.01.2021  
 (54) PEDIATRIC NUTRITIONAL COMPOSITION WITH HUMAN MILK OLIGOSACCHARIDES, PREBIOTICS AND PROBIOTICS  
 (62) 2015250268

(71) Modaviti Emarketing Pvt Ltd  
 (21) 2021200417 (22) 22.01.2021  
 (54) Artificial Intelligence Based Perceptual Video Quality Assessment System  
 (31) 202021003088 (32) 23.01.20 (33) IN

(71) Molecular Templates, Inc.  
 (21) 2021200390 (22) 21.01.2021  
 (54) MHC class I epitope delivering polypeptides  
 (62) 2019210656

(71) MX Technologies, Inc.  
 (21) 2021200435 (22) 22.01.2021  
 (54) Data protection query interface  
 (31) 63/059,877 (32) 31.07.20 (33) US  
 17/145,272 08.01.21 US

(71) NAN Global, LLC  
 (21) 2021200355 (22) 20.01.2021  
 (54) Methods and compositions for treating obesity, preventing weight gain, promoting weight loss, promoting slimming, or treating or preventing the development of diabetes  
 (62) 2015283905

**National Chiao Tung University see National Taiwan University**  
 (21) 2021200290

**National Health Research Institutes see National Taiwan University**  
 (21) 2021200290

(71) National Taiwan University; National Chiao Tung University; National Health Research Institutes; Tseng, Y.J.  
 (21) 2021200290 (22) 18.01.2021  
 (54) Novel substituted benzimidazole derivatives as D-amino acid oxidase (DAAO) inhibitors  
 (62) 2017326359

Complete Applications Filed - Name Index cont'd

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(71) National University of Ireland Galway  
 (21) 2021200322 (22) 19.01.2021  
 (54) Devices for therapeutic nasal neuro-modulation and associated methods and systems  
 (62) 2016262085

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(71) Neozyme International, Inc.  
 (21) 2021200398 (22) 21.01.2021  
 (54) Non-toxic plant agent compositions and methods and uses thereof  
 (62) 2016311182

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(71) Neste Oyj  
 (21) 2021200426 (22) 22.01.2021  
 (54) Fuel compositions with enhanced cold properties and methods of making the same  
 (62) 2018213062

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(71) Neupharma, Inc.  
 (21) 2021200372 (22) 20.01.2021  
 (54) CERTAIN CHEMICAL ENTITIES, COMPOSITIONS, AND METHODS  
 (62) 2019201461

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(71) NeuSpera Medical Inc.  
 (21) 2021200373 (22) 20.01.2021  
 (54) Devices, systems, and methods for stimulation therapy  
 (62) 2016342197

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(71) NewSouth Innovations Pty Limited  
 (21) 2021200354 (22) 20.01.2021  
 (54) FUSION DEVICE  
 (62) 2015309678

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(71) Noble House Group Pty. Ltd.  
 (21) 2021200386 (22) 21.01.2021  
 (54) Improved sterile sampling methods and apparatus  
 (62) 2019202755

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(71) Northrop Grumman Systems Corporation  
 (21) 2021200464 (22) 25.01.2021  
 (54) Superconducting bi-directional current driver  
 (62) 2018307322

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(71) Norton (Waterford) Limited  
 (21) 2021200443 (22) 22.01.2021  
 (54) Inhalation monitoring system and method  
 (62) 2015357560

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(71) Nuvera Fuel Cells, LLC  
 (21) 2021200459 (22) 24.01.2021

(54) METHOD OF FABRICATING CON-CENTRIC-TUBE CATALYTIC REACT-OR ASSEMBLY  
 (62) 2016297801

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(71) Oatly AB  
 (21) 2021200409 (22) 21.01.2021  
 (54) Vegetable Health Drink  
 (62) 2016298354

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(71) Oncopeptides AB  
 (21) 2021200436 (22) 22.01.2021  
 (54) Melflufen dosage regimens for cancer  
 (62) 2016363591

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(71) Otsuka America Pharmaceutical, Inc.  
 (21) 2021200314 (22) 19.01.2021  
 (54) Crystalline compounds  
 (62) 2016279075

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(71) Peeke, S.  
 (21) 2021200341 (22) 20.01.2021  
 (54) Housing for Water Treatment System  
 (31) 2020900157 (32) 21.01.20 (33) AU

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(71) Precision Planting LLC  
 (21) 2021200389 (22) 21.01.2021  
 (54) Agricultural toolbar apparatus, systems, and methods  
 (62) 2019213407

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(71) President and Fellows of Harvard College  
 (21) 2021200288 (22) 18.01.2021  
 (54) Multiplex RNA-guided genome engineering  
 (62) 2014287393

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(71) President and Fellows of Harvard College  
 (21) 2021200375 (22) 20.01.2021  
 (54) Cas variants for gene editing  
 (62) 2014362208

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(71) Pulse Biosciences, Inc.  
 (21) 2021200286 (22) 18.01.2021  
 (54) High-voltage analog circuit pulser and pulse generator discharge circuit  
 (62) 2017225296

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(71) Qualcomm Incorporated  
 (21) 2021200349 (22) 20.01.2021  
 (54) REDIRECTION IN A NEUTRAL-HOST NETWORK  
 (62) 2016285708

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(71) RAKMAN INTERNATIONAL PTY LTD  
 (21) 2021200430 (22) 22.01.2021

(54) AN ACCESS PANEL AND AN ASSOCIATED METHOD  
 (31) 2020901653 (32) 22.05.20 (33) AU  
 2020901813 02.06.20 AU

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(71) RCM Enterprise, LLC  
 (21) 2021200316 (22) 19.01.2021  
 (54) Bidirectional biomechanical prosthetic full finger configured for abduction and adduction with MCP pivot  
 (62) 2016265834

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(71) RCM Enterprise, LLC  
 (21) 2021200317 (22) 19.01.2021  
 (54) Bidirectional biomechanical prosthetic full finger configured for abduction and adduction with MCP pivot  
 (62) 2016265834

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(71) Regeneron Pharmaceuticals, Inc.  
 (21) 2021200438 (22) 22.01.2021  
 (54) Genetically Modified Major Histocompatibility Complex Mice  
 (62) 2018201402

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(71) Relevant Medsystems, Inc.  
 (21) 2021200382 (22) 21.01.2021  
 (54) Systems and methods for creating curved paths through bone and modulating nerves within the bone  
 (62) 2019206037

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(71) Road Widener LLC  
 (21) 2021200440 (22) 22.01.2021  
 (54) Articulating rolling compactor attachment  
 (62) 2019216720

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(71) Rowland, H.  
 (21) 2021200329 (22) 19.01.2021  
 (54) Improved roller skate trucks

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(71) Seres Therapeutics, Inc.  
 (21) 2021200287 (22) 18.01.2021  
 (54) SYNERGISTIC BACTERIAL COMPOSITIONS AND METHODS OF PRODUCTION AND USE THEREOF  
 (62) 2014352643

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(71) ServiceNow, Inc.  
 (21) 2021200444 (22) 22.01.2021  
 (54) Defining and enforcing operational associations between configuration item classes in managed networks  
 (62) 2019201387

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(71) Silixa Limited  
 (21) 2021200315 (22) 19.01.2021  
 (54) Method and apparatus for optical sensing  
 (62) 2019202951

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Complete Applications Filed - Name Index cont'd

(71) Singh Molecular Medicine, LLC  
(21) 2021200416 (22) 22.01.2021  
(54) Single domain antibodies directed against intracellular antigens  
(62) 2019204614

(71) Sirna Therapeutics, Inc.  
(21) 2021200392 (22) 21.01.2021  
(54) Systemic delivery of myostatin short interfering nucleic acids (siNA) conjugated to a lipophilic moiety  
(62) 2014346457

(71) Solarvest Bioenergy Inc.  
(21) 2021200394 (22) 21.01.2021  
(54) Methods of producing algal cell cultures and biomass, lipid compounds and compositions, and related products  
(62) 2014279815

(71) Sumitomo Dainippon Pharma Oncology, Inc.  
(21) 2021200343 (22) 20.01.2021  
(54) Alvocidib prodrugs having increased bioavailability  
(62) 2016264212

(71) Tableau Software, LLC  
(21) 2021200402 (22) 21.01.2021  
(54) Systems and methods for ranking data visualizations  
(62) 2020204576

(71) Techtronic Cordless GP  
(21) 2021200353 (22) 20.01.2021  
(54) Control assembly coupled to handle of an implement  
(31) 16/786,459 (32) 10.02.20 (33) US

(71) Telefonaktiebolaget LM Ericsson (PUBL)  
(21) 2021200397 (22) 21.01.2021  
(54) Resource segmentation to improve delivery performance  
(62) 2017358996

(71) The Boeing Company  
(21) 2021200356 (22) 20.01.2021  
(54) Fuselage structure splice  
(31) 16/798,187 (32) 21.02.20 (33) US

(71) The Boeing Company  
(21) 2021200424 (22) 22.01.2021  
(54) Joint assembly having shimmed bosses and associated method of making the joint assembly  
(31) 16/783,725 (32) 06.02.20 (33) US

(71) The Boeing Company  
(21) 2021200433 (22) 22.01.2021

(54) Composite plank support for stringer panel  
(31) 16/793,971 (32) 18.02.20 (33) US

(71) The Children's Hospital of Philadelphia  
(21) 2021200310 (22) 19.01.2021  
(54) VARIANT AAV AND COMPOSITIONS, METHODS AND USES FOR GENE TRANSFER TO CELLS, ORGANS AND TISSUES  
(62) 2019201182

(71) The Johns Hopkins University  
(21) 2021200325 (22) 19.01.2021  
(54) Methods and compositions for improving cognitive function  
(62) 2019268069

(71) The National Institute for Biotechnology in the Negev Ltd.  
(21) 2021200421 (22) 22.01.2021  
(54) Novel piperazine and piperidine derivatives, their synthesis and use thereof in inhibiting VDAC oligomerization, apoptosis and mitochondria dysfunction  
(62) 2016325108

**The Trustees of Princeton University see Memorial Sloan Kettering Cancer Center**  
(21) 2021200360

(71) Toyota Jidosha Kabushiki Kaisha  
(21) 2021200303 (22) 19.01.2021  
(54) Method for manufacturing fiber reinforced resin molded article, and manufacturing device thereof  
(31) 2020-007382 (32) 21.01.20 (33) JP

(71) Transocean Innovation Labs, Ltd  
(21) 2021200401 (22) 21.01.2021  
(54) Manifolds for providing hydraulic fluid to a subsea blowout preventer and related methods  
(62) 2019200190

(71) True Manufacturing Co., Inc.  
(21) 2021200275 (22) 18.01.2021  
(54) Refrigeration appliance with detachable electronics module  
(31) 16/746,834 (32) 18.01.20 (33) US

(71) True Manufacturing Co., Inc.  
(21) 2021200276 (22) 18.01.2021  
(54) Ice maker  
(31) 16/746,833 (32) 18.01.20 (33) US

(71) True Manufacturing Co., Inc.  
(21) 2021200277 (22) 18.01.2021  
(54) Ice maker  
(31) 16/746,836 (32) 18.01.20 (33) US

(71) True Manufacturing Co., Inc.  
(21) 2021200278 (22) 18.01.2021  
(54) Ice maker  
(31) 16/746,838 (32) 18.01.20 (33) US

(71) True Manufacturing Co., Inc.  
(21) 2021200279 (22) 18.01.2021  
(54) Ice maker  
(31) 16/746,839 (32) 18.01.20 (33) US

(71) True Manufacturing Co., Inc.  
(21) 2021200280 (22) 18.01.2021  
(54) Ice maker, ice dispensing assembly, and method of deploying ice maker  
(31) 16/746,835 (32) 18.01.20 (33) US

(71) True Manufacturing Co., Inc.  
(21) 2021200441 (22) 22.01.2021  
(54) Ice machine with a dual-circuit evaporator for hydrocarbon refrigerant  
(62) 2016378569

**Tseng, Y.J. see National Taiwan University**  
(21) 2021200290

**Unigen, Inc. see Unigen, Inc.**  
(21) 2021200432

(71) Unigen, Inc.; Unigen, Inc.  
(21) 2021200432 (22) 22.01.2021  
(54) Compositions and methods for joint health  
(62) 2019201188

(71) United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer  
(21) 2021200388 (22) 21.01.2021  
(54) Methods of isolating T cell receptors having antigenic specificity for a cancer specific mutation  
(62) 2014407539

**University of Utah see Fabric Genomics, Inc.**  
(21) 2021200411

(71) University of Virginia Patent Foundation  
(21) 2021200374 (22) 20.01.2021  
(54) Improved accuracy continuous glucose monitoring method, system, and device  
(62) 2018236794

(71) VALO EARLY DISCOVERY, INC.  
(21) 2021200346 (22) 20.01.2021  
(54) Pyrrolo and pyrazolopyrimidines as ubiquitin-specific protease 7 inhibitors  
(62) 2015374170

Complete Applications Filed - Name Index cont'd

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(71) Vanadis Diagnostics  
 (21) 2021200461 (22) 25.01.2021  
 (54) Nucleic acid probe and method of detecting genomic fragments  
 (62) 2014358861

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(71) Verton IP Pty Ltd  
 (21) 2021200439 (22) 22.01.2021  
 (54) Materials management systems and methods  
 (62) 2019200830

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(71) ViaCyte, Inc.  
 (21) 2021200419 (22) 22.01.2021  
 (54) ENCAPSULATION OF PANCREATIC CELLS DERIVED FROM HUMAN PLURIPOTENT STEM CELLS  
 (62) 2018202307

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(71) W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH  
 (21) 2021200410 (22) 21.01.2021  
 (54) Cell encapsulation devices containing structural spacers  
 (62) 2020202578

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**W. L. Gore & Associates GmbH see W. L. Gore & Associates, Inc.**  
 (21) 2021200410

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(71) Waymo LLC  
 (21) 2021200407 (22) 21.01.2021  
 (54) VEHICLE WITH MULTIPLE LIGHT DETECTION AND RANGING DEVICES (LIDARS)  
 (62) 2019204204

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(71) Weber-Stephen Products LLC  
 (21) 2021200660 (22) 02.02.2021  
 (54) Digital power supply  
 (62) 2020260545

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(71) X-Body, Inc.  
 (21) 2021200347 (22) 20.01.2021  
 (54) Bi-specific antigen-binding polypeptides  
 (62) 2015231155

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(71) Xero Limited  
 (21) 2021200331 (22) 19.01.2021  
 (54) Multiple server automation for secure cloud reconciliation  
 (62) 2019204672

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(71) Xero Limited  
 (21) 2021200332 (22) 19.01.2021  
 (54) Multiple server automation for secure cloud reconciliation  
 (62) 2019204672

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(71) XIDIAN UNIVERSITY  
 (21) 2021200302 (22) 19.01.2021  
 (54) METHOD FOR SHARING MODELS AMONG AUTONOMOUS VEHICLES BASED ON BLOCKCHAIN  
 (31) 202010074874.7 (32) 22.01.20 (33) CN

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(71) Xoc Pharmaceuticals, Inc.  
 (21) 2021200381 (22) 21.01.2021  
 (54) ERGOLINE COMPOUNDS AND USES THEREOF  
 (62) 2016209492

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(71) Zambon S.p.A.  
 (21) 2021200396 (22) 21.01.2021  
 (54) Pharmaceutical composition containing budesonide and formoterol  
 (62) 2015330012

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(71) ZHEJIANG DINGLI MACHINERY CO., LTD [CN/CN]  
 (21) 2021200336 (22) 20.01.2021  
 (54) ELECTRIC LIFTING TYPE CARGO WORK PLATFORM  
 (31) 2020112284546 (32) 06.11.20 (33) CN

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(71) ZHEJIANG DINGLI MACHINERY CO., LTD [CN/CN]  
 (21) 2021200337 (22) 20.01.2021  
 (54) ELECTRIC LIFTING TYPE AERIAL WORK PLATFORM  
 (31) 2020112293066 (32) 06.11.20 (33) CN

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(71) Zhejiang Jinbest Energy Technology Co., Ltd  
 (21) 2021200300 (22) 19.01.2021  
 (54) Structural system support for civil building-integrated rooftop power generation system  
 (31) 202011488698.8 (32) 16.12.20 (33) CN



Numerical Index

<b>2021200203</b>	inTraffic	<b>2021200345</b>	Janssen Pharmaceutica NV
<b>2021200259</b>	Bui, T.	<b>2021200346</b>	VALO EARLY DISCOVERY, INC.
<b>2021200275</b>	True Manufacturing Co., Inc.	<b>2021200347</b>	X-Body, Inc.
<b>2021200276</b>	True Manufacturing Co., Inc.	<b>2021200348</b>	IGM BIOSCIENCES, INC.
<b>2021200277</b>	True Manufacturing Co., Inc.	<b>2021200349</b>	Qualcomm Incorporated
<b>2021200278</b>	True Manufacturing Co., Inc.	<b>2021200350</b>	Colgate-Palmolive Company
<b>2021200279</b>	True Manufacturing Co., Inc.	<b>2021200351</b>	Hannay Douglas Pty Ltd
<b>2021200280</b>	True Manufacturing Co., Inc.	<b>2021200352</b>	F. Hoffmann-La Roche AG
<b>2021200281</b>	AGENUS INC.; LUDWIG INSTITUTE FOR CANCER RESEARCH LTD; MEMORIAL SLOAN KETTERING CANCER CENTER	<b>2021200353</b>	Techtronic Cordless GP
<b>2021200282</b>	Crystal Lagoons (Curacao) B.V.	<b>2021200354</b>	NewSouth Innovations Pty Limited
<b>2021200283</b>	Academia Sinica	<b>2021200355</b>	NAN Global, LLC
<b>2021200284</b>	Blackline Safety Corp.	<b>2021200356</b>	The Boeing Company
<b>2021200285</b>	Heraeus Medical GmbH	<b>2021200357</b>	Hunan Yuanpin Cell Technology Co. Ltd
<b>2021200286</b>	Pulse Biosciences, Inc.	<b>2021200359</b>	Fisher & Paykel Healthcare Limited
<b>2021200287</b>	Seres Therapeutics, Inc.	<b>2021200360</b>	Memorial Sloan Kettering Cancer Center; The Trustees of Princeton University
<b>2021200288</b>	President and Fellows of Harvard College	<b>2021200361</b>	COURTIN, K.
<b>2021200289</b>	Aristocrat Technologies Australia Pty Limited	<b>2021200362</b>	LIAU, S.
<b>2021200290</b>	National Taiwan University; National Chiao Tung University; National Health Research Institutes; Tseng, Y.J.	<b>2021200363</b>	Abiomed, Inc.
<b>2021200291</b>	HONEYWELL INTERNATIONAL INC.	<b>2021200364</b>	Melton, S.
<b>2021200292</b>	MASTERCARD INTERNATIONAL INCORPORATED	<b>2021200365</b>	Impossible Foods Inc.
<b>2021200294</b>	C.R. Bard, Inc.	<b>2021200367</b>	Heat Biologics, Inc.
<b>2021200296</b>	Designrex Group Pty Ltd	<b>2021200368</b>	MJN U.S. Holdings LLC
<b>2021200298</b>	Meng, C.	<b>2021200369</b>	General Electric Company
<b>2021200299</b>	Accenture Global Solutions Limited	<b>2021200370</b>	Millennium Pharmaceuticals, Inc.
<b>2021200300</b>	Zhejiang Jinbest Energy Technology Co., Ltd	<b>2021200371</b>	Komatsu Ltd.
<b>2021200301</b>	Acceleron Pharma, Inc.	<b>2021200372</b>	Neupharma, Inc.
<b>2021200302</b>	XIDIAN UNIVERSITY	<b>2021200373</b>	NeuSpera Medical Inc.
<b>2021200303</b>	Toyota Jidosha Kabushiki Kaisha	<b>2021200374</b>	University of Virginia Patent Foundation
<b>2021200305</b>	Lifetime Products, Inc.	<b>2021200375</b>	President and Fellows of Harvard College
<b>2021200306</b>	Lifetime Products, Inc.	<b>2021200376</b>	Jusand Nominees Pty Ltd
<b>2021200307</b>	Intelligent Sciences, Ltd.	<b>2021200377</b>	J.C. Bamford Excavators Ltd
<b>2021200308</b>	Apex Neuro Holdings, Inc.	<b>2021200378</b>	J.C. Bamford Excavators Ltd
<b>2021200309</b>	Dyax Corp.	<b>2021200379</b>	GASBOT PTY LTD
<b>2021200310</b>	The Children's Hospital of Philadelphia	<b>2021200380</b>	Atrium Medical Corporation
<b>2021200311</b>	Lincoln Global, Inc.	<b>2021200381</b>	Xoc Pharmaceuticals, Inc.
<b>2021200313</b>	LAGUNA POOLS AND SPAS (VIC) PTY LTD	<b>2021200382</b>	Relievent Medsystems, Inc.
<b>2021200314</b>	Otsuka America Pharmaceutical, Inc.	<b>2021200383</b>	Astellas Institute for Regenerative Medicine
<b>2021200315</b>	Silixa Limited	<b>2021200384</b>	Daifuku Co., Ltd.
<b>2021200316</b>	RCM Enterprise, LLC	<b>2021200386</b>	Noble House Group Pty. Ltd.
<b>2021200317</b>	RCM Enterprise, LLC	<b>2021200387</b>	Advanced New Technologies Co., Ltd.
<b>2021200318</b>	Lincoln Global, Inc.	<b>2021200388</b>	United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer
<b>2021200319</b>	Cartiva, Inc.	<b>2021200389</b>	Precision Planting LLC
<b>2021200320</b>	HOWMEDICA OSTEONICS CORP.	<b>2021200390</b>	Molecular Templates, Inc.
<b>2021200321</b>	Horizon Orphan LLC	<b>2021200391</b>	Grail, Inc.
<b>2021200322</b>	National University of Ireland Galway	<b>2021200392</b>	Sirma Therapeutics, Inc.
<b>2021200324</b>	Institute of Oceanographic Instrumentation, Shandong Academy of Sciences	<b>2021200393</b>	Boston Scientific Scimed, Inc.
<b>2021200325</b>	The Johns Hopkins University	<b>2021200394</b>	Solarvest Bioenergy Inc.
<b>2021200326</b>	Lensar, Inc.	<b>2021200395</b>	Mayerle, D.
<b>2021200329</b>	Rowland, H.	<b>2021200396</b>	Zambon S.p.A.
<b>2021200330</b>	Aurigene Discovery Technologies Limited	<b>2021200397</b>	Telefonaktiebolaget LM Ericsson (PUBL)
<b>2021200331</b>	Xero Limited	<b>2021200398</b>	Neozyme International, Inc.
<b>2021200332</b>	Xero Limited	<b>2021200399</b>	City of Hope
<b>2021200333</b>	Autochair Limited	<b>2021200400</b>	Janssen Biotech, Inc.
<b>2021200334</b>	CATS TONOMETER, LLC	<b>2021200401</b>	Transocean Innovation Labs, Ltd
<b>2021200335</b>	HAYWARD, K.M.; HAYWARD, C.Q.	<b>2021200402</b>	Tableau Software, LLC
<b>2021200336</b>	ZHEJIANG DINGLI MACHINERY CO., LTD [CN/CN]	<b>2021200403</b>	Apple Inc.
<b>2021200337</b>	ZHEJIANG DINGLI MACHINERY CO., LTD [CN/CN]	<b>2021200406</b>	Gruppo Cimbali S.p.A.
<b>2021200338</b>	Deere & Company	<b>2021200407</b>	Waymo LLC
<b>2021200339</b>	Fuvi Cognitive Network Corporation	<b>2021200408</b>	Illumina, Inc.
<b>2021200340</b>	Action Products Marketing, LLC	<b>2021200409</b>	Oatly AB
<b>2021200341</b>	Peeke, S.	<b>2021200410</b>	W. L. Gore & Associates, Inc.; W. L. Gore & Associates GmbH
<b>2021200342</b>	Geberit International AG	<b>2021200411</b>	Fabric Genomics, Inc.; University of Utah
<b>2021200343</b>	Sumitomo Dainippon Pharma Oncology, Inc.	<b>2021200412</b>	Ibentrus, Inc.
<b>2021200344</b>	Liporegena GmbH		

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2021200413 FSP Holdings Pty Ltd  
2021200414 Inovio Pharmaceuticals, Inc.  
2021200415 Apple Inc.  
2021200416 Singh Molecular Medicine, LLC  
2021200417 Modaviti Emarketing Pvt Ltd  
2021200418 Life Technologies Corporation  
2021200419 ViaCyte, Inc.  
2021200420 Advanced New Technologies Co., Ltd.  
2021200421 The National Institute for Biotechnology in the Negev Ltd.  
2021200422 Genentech, Inc.  
2021200423 MedImmune, LLC  
2021200424 The Boeing Company  
2021200425 Capral Limited  
2021200426 Neste Oyj  
2021200427 Esdec B.V.  
2021200428 Dejero Labs Inc.  
2021200429 Minerva Biotechnologies Corporation  
2021200430 RAKMAN INTERNATIONAL PTY LTD  
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2021200436 Oncopeptides AB  
2021200437 Dolby Laboratories Licensing Corporation  
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2021200443 Norton (Waterford) Limited  
2021200444 ServiceNow, Inc.  
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2021200452 Ariagen, Inc.  
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2021200454 Capnia, Inc.  
2021200455 Geomoby Pty Ltd  
2021200456 Diamond (WA) Pty Ltd  
2021200457 Aristocrat Technologies Australia Pty Limited  
2021200458 Fasteners For Retail, Inc.  
2021200459 Nuvera Fuel Cells, LLC  
2021200460 David, L.  
2021200461 Vanadis Diagnostics  
2021200464 Northrop Grumman Systems Corporation  
2021200465 Genentech, Inc.; F. Hoffmann-La Roche AG  
2021200466 Baxter, K.  
2021200468 BIOM'UP France SAS  
2021200660 Weber-Stephen Products LLC

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Applications listed below were processed through the Patent Office Canberra during the period ending 2 Feb 2021 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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<b>A, A. see Mallick, P.</b> (21) 2021100300	(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2021100415 (22) 22.01.2021 (54) A novel multifunctional orthopedic rehabilitation bed	(71) Anitha, A.; P, S.; S, P.; G, M.; Anbarasi, M.; S, R.; S, R.; Prabakaran, N.; V, B.; Sendhil Kumar, K.S.; Babu S., Y.; Chat-topadhyay, A.; Dewanje, A. (21) 2021100440 (22) 23.01.2021 (54) SMART GOGGLES FOR VISUALLY IMPAIRED PERSON
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<b>A. Khan, N. see Mozaffari, N.</b> (21) 2021100274	<b>Ahmad, T. see Singh, S.</b> (21) 2021100345	<b>B, E.A. see Devaneyan, S.</b> (21) 2021100287
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<b>Abu Hamatta, H.S. see Alam, S.</b> (21) 2021100435	<b>Ahuja, R. see M, R.</b> (21) 2021100358	<b>Babu, T.S. see Sunar Mahammad, F.</b> (21) 2021100433
(71) Affiliated Hospital of Youjiang Medical College for Nationalities (21) 2021100266 (22) 16.01.2021 (54) ASSAY SPECIMEN TREATMENT DEVICE FOR HEPATOBILIARY SURGERY	(71) Ajay -; Jangir, A.; Satti, T.; Kumar, B.; Varma, R.; Shrivastava, V.K.; Subramanian, T.S.S.; Sayiram, G.; Sarita -; Parveen - (21) 2021100325 (22) 19.01.2021 (54) IN-BED EXERCISING AND MONITORING DEVICE	<b>Babu S., Y. see Anitha, A.</b> (21) 2021100440
(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2021100356 (22) 20.01.2021 (54) The invention is described in the following statement:-A Novel wheelchair safety transfer device	<b>Alam, T. see Alam, S.</b> (21) 2021100435	<b>Baddruddin Magami, I.A. see Tirth, V.</b> (21) 2021100362
(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2021100371 (22) 20.01.2021 (54) A new convenient type of fixing device for post-tracheostomy endotracheal tube	(71) Alam, S.; Bokhari, M.U.; Khubrani, M.M.; Abu Hamatta, H.S.; Shuaib, M.; Qamar, S.; Alam, T. (21) 2021100435 (22) 23.01.2021 (54) BSF-128: A NEW SYNCHRONOUS STREAM CIPHER DESIGN	<b>Bagga, J. see Srivastava, S.</b> (21) 2021100438
(71) Affiliated Hospital of YouJiang Medical University for Nationalities (21) 2021100372 (22) 20.01.2021 (54) A multifunctional joint device for post-tracheotomy oxygen uptake and moisturizing	<b>Algahtani, A. see Tirth, V.</b> (21) 2021100362	<b>Bagjadab, A.B. see Panda, S.</b>
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(21) 2021100432

(71) Beijing University of Civil Engineering and Architecture  
(21) 2021100379 (22) 21.01.2021  
(54) METHOD FOR JUDGING FAILURE OF COLLABORATIVE WORK BETWEEN CONCRETE AND REINFORCING BARS OF SHEAR WALL

(71) Bhattacharyya, N.; Biswas, S.K.; Sharma, R.; Basnet, P.  
(21) 2021100320 (22) 19.01.2021  
(54) Development of solar driven photocatalyst and its application in degradation of organic pollutants

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(71) Bozhou University  
(21) 2021100352 (22) 20.01.2021  
(54) Method for extracting paeoniflorin and albiflorin in herbaceous peony

**C., S.R.P. see B., S.**  
(21) 2021100323

(71) Center of Civil Engineering Testing , Huazhong University of Science and Technology; Wuhan Univ,Zhongnan Hosp of Wuhan University; Huazhong University of science and technology; Nanyang Technological University, Singapore; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Municipal Engineering Quality Supervision Station; Wuhan Hanyang Municipal Construction Group CO.LTD; China Construction Ready Mixed Concrete Co.Ltd.; Wuhan Institute of landscape Architectural Design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.  
(21) 2021100448 (22) 24.01.2021  
(54) Fuzzy Bayesian Network-based Method for Dynamic Evaluation and Control of Concrete Durability

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(21) 2021100300

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(71) Chandra Panda, R.; Raja, R.; B. Thigale, S.; Kumar, D.; Kumar, B.; Mohan Agarwal, K.; Sinha, A.; Parashar, A.; Pattanayak, M.; Srivastava, S.C.; Sharaff, A.; Saritha, S.K.; Kishan, D.; Sharma, S.  
(21) 2021100285 (22) 17.01.2021  
(54) NOVEL 3D PRINTED BIONIC PROSTHETIC LEG

(71) Chandra Panda, R.; Nagpal, N.; Rakshit, P.; D., L.; PANDIAN, P.P.; Nagrath, P.; Mishra, A.; P. Gandhi, P.; Snehi, J.; Khurana, J.; Pal, S.; Sankar, S.; Venkat Reddy, R.; Bhavyasri, K.  
(21) 2021100286 (22) 17.01.2021  
(54) AQUA LIFE: A COMPACT DEVICE EXTRACTING DRINKABLE WATER FROM SEA WATER

**Chandra Srivastava, S. see Srivastava, S.**  
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(71) Chandra Srivastava, S.; Srivastava, S.; Sharaff, A.; Sharma, S.; Shrivastava, A.K.; Saritha, S.K.; Tandan, S.R.; Jain, S.; Sinha, U.; Nayyar, A.; Sharma, A.  
(21) 2021100439 (22) 23.01.2021  
(54) HOME AUTOMATION BASED ON USER DETECTION USING INTERNET OF THINGS

(71) Changjiang River Scientific Research Institute  
(21) 2021100389 (22) 21.01.2021  
(54) An underwater self-compacting concrete for repairing canal lining panels

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(21) 2021100384

(71) Chavc (HongKong) Health Products Co., Limited; Foshan Aierbao E-Commerce Co., Ltd  
(21) 2021100330 (22) 19.01.2021  
(54) A Kind Of Gamma-Aminobutyric Acid Composition Rich In Botanical Herbs And Its Preparation Method

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(21) 2021100301

**China Construction Ready Mixed Concrete Co.Ltd. see Center of Civil Engineering Testing , Huazhong University of Science and Technology**  
(21) 2021100448

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(21) 2021100448

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(21) 2021100317

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- (71) Chongqing Academy of Chinese Materia Medica  
(21) 2021100340 (22) 19.01.2021  
(54) HIRUDIN-ENCODING GENE AND HOST SYSTEM CONTAINING SAME
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- (71) Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.  
(21) 2021100316 (22) 19.01.2021  
(54) Equivalent Lighting Based Highway Tunnel Portal Dimming System
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- (71) Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.  
(21) 2021100317 (22) 19.01.2021  
(54) Energy-saving Type Equivalent Lighting Control System For Highway Tunnel
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- (71) Chongqing Technology And Business University  
(21) 2021100334 (22) 19.01.2021  
(54) A Method For Accelerating The Coalescence Of Droplets Of Emulsified Oil Based On Changing The Relative Dielectric Constant Of Oil
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- Chordiya, S.B. see Singh, S.**  
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- (71) Collar & Ruff  
(21) 2021100335 (22) 19.01.2021  
(54) Reversible Dog Collar Sets comprising of a removable buckle section and a collar length section to allow either side to be displayed.
- 
- (71) College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur; Gupta, T.  
(21) 2021100390 (22) 21.01.2021
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- (54) A Method and mix proportion of concrete for rigid pavement containing single used polythene bags
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- Datta, S. see Selvarajan, E.**  
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- (71) Devaneyan, S.; Sahoo, S.K.; Dadheech, P.; Vijayalakshmi, A.; B, E.A.; M, L.; V, N.M.; M, P.; W, R.S.; kumar, C.L.; Pravallika, S.; Sasikala, K.; Sekar, V.; Monisha, M.; P, V.; Joshi, H.; Manoharan, H.; Kshirsagar, P.R.; Peroumal, V.  
(21) 2021100287 (22) 17.01.2021  
(54) AN IOT BASED TYRE PRESSURE AND TEMPERATURE MONITORING SYSTEM
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- Devi, V. see Arya, S.**  
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- Dewanje, A. see Anitha, A.**  
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- Dhal, S.K. see Mallick, P.**  
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- (71) Dongguan University of Technology  
(21) 2021100393 (22) 22.01.2021  
(54) A Method and System for Detecting Conformational Transition Temperature of Polymer Films
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- Dutton-Smith, G. see Phin, C.**  
(21) 2021100299
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- (71) East China Jiaotong University  
(21) 2021100338 (22) 19.01.2021  
(54) SPEED TRACKING CONTROL METHOD AND SYSTEM FOR HEAVY-HAUL TRAIN  
(31) 202011398310.5 (32) 04.12.20 (33) CN
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- (71) Elayaperumal, M.; Satpathy, G.; Gnana-sekaran, K.  
(21) 2021100312 (22) 19.01.2021  
(54) A METHOD FOR PATHOGENIC ESCHERICHIA COLI (E.COLI) BACTERIA DETECTION THROUGH TUNED NANOPARTICLE ENHANCEMENT
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- (71) FLEXI CASH AS  
(21) 2021100297 (22) 18.01.2021  
(54) A commodity trade value transaction system, and a commodity trade value transaction method  
(62) PCT/NO2019/050153
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- Foshan Aierbao E-Commerce Co., Ltd see Chavc (HongKong) Health Products Co., Limited**  
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(71) GUANGDONG OCEAN UNIVERSITY; SHENZHEN INSTITUTE OF GUANGDONG OCEAN UNIVERSITY

(21) 2021100407 (22) 22.01.2021

(54) MOLLUSC HEPARIN WITH A MILD ANTICOAGULANT EFFECT AND PREPARATION METHOD AND USE THEREOF

(71) Guo, P.

(21) 2021100326 (22) 19.01.2021

(54) Outlier detection method based on spectral clustering under non-independent and identical distribution

(31) 202010469091.9 (32) 28.05.20 (33) CN

**Gupta, T. see College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur**

(21) 2021100390

(71) Hangzhou Yidian Information Technology Co., Ltd.

(21) 2021100351 (22) 20.01.2021

(54) A method for inputting medical record information of tumor patient

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(21) 2021100345

(71) Harbin Engineering University; Weihai Ocean Vocational College

(21) 2021100354 (22) 20.01.2021

(54) METHOD AND SYSTEM FOR DETERMINING FAILURE MODE RISK OF MARINE ELECTRIC PROPULSION SYSTEM

(31) 202010151653.5 (32) 06.03.20 (33) CN

**Harbin Engineering University see Weihai Ocean Vocational College**

(21) 2021100355

(71) Harbin Weixing Power Source Technology Development Co., LTD

(21) 2021100337 (22) 19.01.2021

(54) An Equalizing Charging System For Power Battery Packs And Its Method

(71) Harvok Pty Ltd

(21) 2021100401 (22) 22.01.2021

(54) Power System for a Vehicle

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(21) 2021100301

(71) Heilongjiang Bayi Agricultural University

(21) 2021100385 (22) 21.01.2021

(54) A method for identifying grain nutrition based on neural network

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(21) 2021100323

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(21) 2021100448

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences

(21) 2021100397 (22) 22.01.2021

(54) Magnetotelluric generator

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences

(21) 2021100455 (22) 25.01.2021

(54) An exploration method of equivalent phenomenon based on electrical source transient electromagnetic method

(71) Institute of Oceanology, Chinese Academy of Sciences

(21) 2021100420 (22) 22.01.2021

(54) TIANTONG/BEIDOU MULTI-BEAM SIGNAL DETECTOR

(71) Institute of Oceanology, Chinese Academy of Sciences

(21) 2021100422 (22) 22.01.2021

(54) WIRELESS REAL-TIME DEEP-SEA SUBSURFACE MOORING SYSTEM

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(21) 2021100439

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(21) 2021100325

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(71) Jhansi Rani, T.; Om Sharan, H.; Udaya Kumar, N.; Pant, U.; Semwal, A.; Chordiya, S.B.; Kumar Bharti, P.; Purushottam Pawar, V.; Raj, B.; Sarkar, B.K.

(21) 2021100347 (22) 20.01.2021

(54) Pattern Recognition Management: Adaptive Pattern Recognition Management using Machine Learning System

(71) Jiangsu Institute of Parasitic Diseases

(21) 2021100382 (22) 21.01.2021

(54) USE OF CARPROPAMID IN MEDICATION FOR KILLING BIOMPHALARIA ALEXANDRINA

(71) Jiangsu University

(21) 2021100329 (22) 19.01.2021

(54) Intelligent Solid-State Fermentation Method For Fermented Tea

(71) Jiangsu University

(21) 2021100332 (22) 19.01.2021

(54) Intelligent Preparation Method Of Instant Fermented Tea Powder

(71) Jiang Su University

(21) 2021100373 (22) 20.01.2021

(54) A Battery Pack SOH Estimation Method Based on LSTM Neural Network

(71) Jiangxi Agricultural University

(21) 2021100400 (22) 22.01.2021

(54) A measuring instrument for decomposition degree of coarse woody debris of trees

(71) Jiangxi Longzheng Technology Development Co., Ltd

(21) 2021100269 (22) 16.01.2021

(54) NOVEL UNDERGROUND ULTRA-HIGH-STRENGTH UHPC SEGMENT

(71) Jiangxi Longzheng Technology Development Co., Ltd

(21) 2021100270 (22) 16.01.2021

(54) ULTRA-HIGH-STRENGTH UHPC PREFABRICATED STAIRS

(71) Jiangxi Longzheng Technology Development Co., Ltd

(21) 2021100273 (22) 16.01.2021

(54) NOVEL ULTRA-HIGH STRENGTH RPC TUNNEL CABLE TRENCH COVER PLATE

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(71) Lu, M.  
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(71) M, R.; Ahuja, R.; Selvi, K.K.; Kumar Bharti, P.; Chordiya, S.B.; Purushottam Pawar, V.; Raj, B.; Sarkar, B.K.; Kumar Singh, P.; Nidhi Singh, P.  
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(71) Micheli, J.K.  
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(71) Mozaffari, N.; Vambol, V.; Vambol, S.; A. Khan, N.; Ahmed, S.  
 (21) 2021100274 (22) 16.01.2021  
 (54) CARBON MONOXIDE NANOADSORBENT AND PREPARATION METHOD THEREOF

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(71) Mozaffari, N.; Vambol, V.; Mozaffari, N.; Vambol, S.; A. Khan, N.; Vinod, A.; Joy Mathavan, J.

(21) 2021100364 (22) 20.01.2021  
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(71) MP Hydro Pty Limited  
 (21) 2021100380 (22) 21.01.2021  
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(71) North China University of Technology  
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(54) A high-throughput method for preparing high volume fraction aluminum matrix composite by pressureless infiltration

(71) Northwest A&F University  
(21) 2021100375 (22) 21.01.2021  
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(71) Panda, S.; Jena, S.; RATH, P.S.; SETHI, N.; MAJHI, S.K.; SENAPATY, M.K.; Bagjadab, A.B.; BATHRE, M.; SONI, S.; GIRI, S.K.  
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(71) Patro, P.; Pati, D.P.; Sarangi, S.K.; Dash, A.K.; Chowdhury, M.R.; Verma, S.B.; Sama, H.R.; Rout, T.; Mishra, U.; Sahu, A.K.  
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(71) Phin, C.; Dutton-Smith, G.; Beekwilder, A.  
(21) 2021100299 (22) 18.01.2021  
(54) "Gerry's" Can Lifting Aid.

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(71) Pittala, S.K.; Premkumar, M.; Chembian, W.; Chakrabarti, T.; Swamy, B.L.; Banerjee, M.; Hati, A.S.; Junejo, N.U.R.; Jumani, A.K.; Jaglan, V.; Fathimareddy, F.D.T.; Chakrabarti, P.  
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(54) INTELLIGENT WASTE MANAGEMENT FOR AYURVEDA HOSPITALS USING IOT AND ADVANCED BEAGLEBONE KIT

(71) Prakash Shukla, A.; Sharma, S.; Kumar Yadav, P.; Patrik, A.; Rastogi, K.V.; Singh, S.; Singh, A.; Kumar, D.; Singh, T.; Kumar, A.; Sarkar, B.K.  
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(71) Research Insitute of Industrial Technology of AHUT at XuanCheng Co., Ltd.  
(21) 2021100339 (22) 19.01.2021  
(54) A Method For Preparing Organic-Inorganic Compound Fertilizer By Utilizing Kitchen Waste

(71) Research Scholar, P.B.; KHAN, M.R.; RATHORE, S.; SHARMA, N.K.  
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(71) Rigdom Trading Pty Ltd  
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(71) Roseline, S.A.; Geetha, S.; Vicky Pham-ila, Y.A.; Rajadurai, P.; Sasikala, S.  
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(71) Shanghai University  
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(71) Sharma, K.  
(21) 2021100294 (22) 18.01.2021  
(54) Zero Carbon Pod - a device to cap-  
ture ambient carbon dioxide and a pro-  
cess of issuing carbon credits based  
on captured carbon dioxide captured  
The current invention describes a pro-  
cess of capturing ambient carbon di-  
oxide via the device Zero Carbon Pod  
and providing carbon credits to users  
based on the amount of carbon dioxide  
captured via the Zero Carbon app and  
website. Accumulated carbon credits  
can be used in the market place or on  
social media networks to redeem offers  
and discounts (See Figure 1).

Sharma, A. see Mallick, P.  
(21) 2021100300

Sharma, R. see Bhattacharyya, N.  
(21) 2021100320

Sharma, S. see Prakash Shukla, A.  
(21) 2021100430

Sharma, S. see Srivastava, S.  
(21) 2021100438

Sharma, A. see Srivastava, S.  
(21) 2021100438

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(21) 2021100439

Sharma, A. see Chandra Srivastava, S.  
(21) 2021100439

SHARMA, N.K. see Research Scholar, P.B.  
(21) 2021100315

(71) SHENSTONE DESIGN PTY LTD  
(21) 2021100377 (22) 21.01.2021

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(54) Improvement in Hinges  
(62) 2017276260

SHENZHEN INSTITUTE OF GUANGDONG  
OCEAN UNIVERSITY see GUANGDONG  
OCEAN UNIVERSITY  
(21) 2021100407

Shenzhen Xinyi Technology Co., Ltd see  
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(21) 2021100391

(71) Shihezi University  
(21) 2021100449 (22) 24.01.2021  
(54) A fusion expression of Staphylococcus  
aureus and Streptococcus agalactiae  
immunogen and its application

(71) Shihezi University  
(21) 2021100453 (22) 25.01.2021  
(54) Primers for Rapid Detection of Rifampi-  
cin-resistant Mycobacterium Tubercu-  
losis and A Kit Thereof

(71) Shihezi University  
(21) 2021100454 (22) 25.01.2021  
(54) Expression Vector of Goat Poxvirus  
Vaccine Strain

Shrivas, A.K. see Chandra Srivastava, S.  
(21) 2021100439

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(21) 2021100325

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(21) 2021100435

(71) Sichuan Agricultural University  
(21) 2021100403 (22) 22.01.2021  
(54) BACILLUS METHYLOTROPHICUS  
AND APPLICATIONS THEREOF  
(31) 202011482541.4 (32) 16.12.20 (33) CN

(71) Sichuan Agricultural University  
(21) 2021100424 (22) 22.01.2021  
(54) Maize Genic Male Sterility Gene ms40  
and Molecular Marker and Application  
Thereof

(71) Sichuan University  
(21) 2021100387 (22) 21.01.2021  
(54) A Method for Tracing Harmonic  
Sources of Power Systems

(71) Singh, S.; Reddy, L.V.; Satish Kumar, I.;  
Kumar Nath, R.; Ahmad, T.; Hans, K.;

Chordiya, S.B.; Kumar Bharti, P.; Raj,  
B.; Sarkar, B.

(21) 2021100345 (22) 20.01.2021  
(54) Recommender System: Items Selecting  
Recommender System Using AI- Based  
And Deep Learning Programming

(71) Singh, H.; Kumar, V.; Saxena, K.  
(21) 2021100429 (22) 22.01.2021  
(54) PRINTED DOCUMENT AUTHENTICA-  
TION

Singh, S. see Prakash Shukla, A.  
(21) 2021100430

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(21) 2021100431

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(21) 2021100344

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(21) 2021100285

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(21) 2021100439

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(21) 2021100286

Sohane, A. see Sonar, S.  
(21) 2021100313

(71) Sonar, S.; Ganguli, S.; Karelia, N.; So-  
hane, A.; Chandra Pal, V.; Mli Gaur, A.  
(21) 2021100313 (22) 19.01.2021  
(54) FIXED OFF TIME-BASED SWITCH  
MODE POWER SUPPLY DEVICE

SONI, S. see Panda, S.  
(21) 2021100341

(71) South China University of Technology;  
South China University of Techno-  
logy-Zhuhai Institute of Modern Indus-  
trial Innovation; GRG Banking Equip-  
ment Co.,Ltd; Shenzhen Xinyi Techno-  
logy Co., Ltd

(21) 2021100391 (22) 22.01.2021  
(54) Natural Scene Text Recognition Meth-  
od Based on Sequence Transformation  
Correction and Attention Mechanism

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logy-Zhuhai Institute of Modern Industrial  
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(21) 2021100285

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(21) 2021100431

(71) Srivastava, R.; Srivastava, S.; Singh,  
V.P.; Pratap Singh, N.; Yadav, R.B.;  
Mishra, R.K.  
(21) 2021100431 (22) 23.01.2021  
(54) Strongest Women Security Using IOT  
Based Intelligent Electronic Jewelry

(71) Srivastava, S.; Chandra Srivastava, S.;  
Pinjarkar, L.; Sharaff, A.; Sharma, S.;  
Saritha, S.K.; Mohiddin, M.K.; Miri, R.;  
Bagga, J.; Sharma, A.; Mishra, D.; Nay-  
yar, A.  
(21) 2021100438 (22) 23.01.2021  
(54) IOT BASED GAS LEAKAGE PREVEN-  
TION SYSTEM

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(21) 2021100439

(71) State Grid Economic and Technologic-  
al Research Institute of Shanxi; North  
China Electric Power University  
(21) 2021100369 (22) 20.01.2021  
(54) BIG DATA ANALYSIS AND CON-  
TROL METHOD FOR INTEGRATED  
ENERGY SYSTEM BASED ON MI-  
CRO-GRID  
(31) 2020109708675 (32) 16.09.20 (33) CN

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(21) 2021100325

(71) Sugarcane Research Institute, Yunnan  
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technology and Germplasm Resources  
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tural Sciences  
(21) 2021100408 (22) 22.01.2021  
(54) A PRECISE IDENTIFICATION METH-  
OD OF RESISTANCE TO SUGAR-  
CANE WHITE LEAF DISEASE OF  
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(71) Sunar Mahammad, F.; Viswanatham,  
V.M.; Gowthami, V.; Basha, M.M.; May-  
uri, A.V.R.; Babu, T.S.  
(21) 2021100433 (22) 23.01.2021

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(54) A PROCESS FOR REDUCING EXECUTION TIME FOR COMPRESSION TECHNIQUES

(71) Swain, A.  
(21) 2021100370 (22) 20.01.2021

(54) A METHOD FOR TREATMENT OF WASTEWATER FROM BEVERAGE/SOFT DRINK INDUSTRY BY MICROWAVE PHOTOLYTIC PROCESS

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(21) 2021100301

(71) Taiyuan University of Science and Technology  
(21) 2021100336 (22) 19.01.2021  
(54) Device For Automatically Placing Base Plate of Gear-Type Flattening Machine

(71) Talmor, E.  
(21) 2021100353 (22) 20.01.2021  
(54) Counter top, front of house devise to clean and sterilise reusable hospitality dishes and utensils including, but not limited to, reusable cups and lids, plates and cutlery that creates a disease, germ and virus barrier between customers and staff

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(21) 2021100346

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(21) 2021100439

(71) Techtronic Cordless GP  
(21) 2021100366 (22) 20.01.2021  
(54) Toolbox storage system  
(31) 62/963,234 (32) 20.01.20 (33) US

(71) The First Affiliated Hospital of Xinjiang Medical University  
(21) 2021100443 (22) 24.01.2021  
(54) A Marker for Detecting Aortic Dissection and A Corresponding Marker Evaluation Method

(71) The First Affiliated Hospital of Xinjiang Medical University  
(21) 2021100444 (22) 24.01.2021  
(54) A compound anesthetic and its preparation method and application in animal model of myocardial infarction

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(21) 2021100323

(71) THOMAS, A.  
(21) 2021100357 (22) 20.01.2021

(54) PROTECTO ANTIMICROBIAL MOLDED PALSTIC PRAM-STROLLER-BASSINET HANDLE

(71) Three Gorges University  
(21) 2021100365 (22) 20.01.2021

(54) A multi-sensor-based intelligent monitoring and early warning system and method for dam safety

(71) Tirth, V.; Baddruddin Magami, I.A.; Khan Tatagar, M.Y.; Algahtani, A.; Kamangar, S.; C Veetil, A.S.  
(21) 2021100362 (22) 20.01.2021  
(54) Textile Mill Waste Water and Solid Waste Convent into Biodiesel and Bio Composites and other required things

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(21) 2021100432

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(21) 2021100347

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(21) 2021100287

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(21) 2021100384

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(21) 2021100325

(71) Venkateswarlu, Y.; Aggarwal, M.; Yadav, N.; Praveenkumar, S.; Naved, M.; Kumar, D.V.; Gandhi, P.P.; Kumar, N.; Kapil, G.; Kshirsagar, P.R.  
(21) 2021100342 (22) 19.01.2021  
(54) AN ARTIFICIAL INTELLIGENCE BASED TRADING SYSTEM

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(21) 2021100286

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(21) 2021100314

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(21) 2021100392

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(21) 2021100287

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(21) 2021100364

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(21) 2021100433

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(21) 2021100287

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(21) 2021100354

(71) Weihai Ocean Vocational College; Harbin Engineering University  
(21) 2021100355 (22) 20.01.2021  
(54) Fault-Tolerant Control Method And System For Phase Failures In Stator Windings Of Six-Phase Permanent Magnet Synchronous Motor  
(31) 202010205774.3 (32) 23.03.20 (33) CN

(71) West China Hospital of Sichuan University  
(21) 2021100404 (22) 22.01.2021  
(54) Mechanical Stimulation Kit and Adaptive Capsule for Treatment of Sarcopenia

(71) West China Hospital of Sichuan University  
(21) 2021100414 (22) 22.01.2021  
(54) Local Vibrating Device for Prevention and Treatment of Sarcopenia

(71) West China Hospital of Sichuan University  
(21) 2021100418 (22) 22.01.2021  
(54) External Counterpulsation Device for Prevention and Treatment of Sarcopenia

(71) West China Hospital Sichuan University  
(21) 2021100452 (22) 25.01.2021  
(54) A Pseudo Anal Pouch Irrigating Balloon

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**Wuhan Hanyang Municipal Construction Group CO.LTD see Center of Civil Engineering Testing , Huazhong University of Science and Technology**  
(21) 2021100448

**Wuhan Institute of landscape Architectural Design CO. LTD see Center of Civil Engineering Testing , Huazhong University of Science and Technology**  
(21) 2021100448

**Wuhan Municipal Engineering Quality Supervision Station see Center of Civil Engineering Testing , Huazhong University of Science and Technology**  
(21) 2021100448

**Wuhan Univ,Zhongnan Hosp of Wuhan University see Center of Civil Engineering Testing , Huazhong University of Science and Technology**  
(21) 2021100448

(71) Wuhan University  
(21) 2021100350 (22) 20.01.2021  
(54) Method for Predicting Reclamation Potential of Homestead

**Wuhan Zhongcheng Industrial Development CO.,LTD. see Center of Civil Engineering Testing , Huazhong University of Science and Technology**  
(21) 2021100448

(71) Xi'an University of Science and Technology; Longmenxia South Coal Mine of Sichuan Huayingshan Coal Industry Co.  
(21) 2021100423 (22) 22.01.2021  
(54) A Roof Fall Prevention Device of Coal Mine Roadway for Preventing Dangerous Rocks from Falling

(71) Xi'an University of Science and Technology; Longmenxia South Coal Mine of Sichuan Huayingshan Coal Industry Co.  
(21) 2021100425 (22) 22.01.2021  
(54) Method for Quantitatively Designing Roadway Support Based on Size of Plastic Zone of Surrounding Rock

(71) Xi'an Technological University  
(21) 2021100388 (22) 21.01.2021  
(54) A GENERAL STRUCTURE CONSTRUCTION METHOD OF THREE-DIMENSIONAL ASSEMBLY MODEL BASED ON CONJUGATE SUBGRAPH

(71) Xuzhou University of Technology  
(21) 2021100381 (22) 21.01.2021

(54) Load platform for rock mechanics testing  
(31) 202023322913.5 (32) 31.12.20 (33) CN

(71) XUZHOU UNIVERSITY OF TECHNOLOGY  
(21) 2021100413 (22) 22.01.2021  
(54) HIGH POLYMER INJECTION DEVICE SUITABLE FOR VARIOUS WORKING CONDITIONS  
(31) 202010212307.3 (32) 24.03.20 (33) CN

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(21) 2021100342

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(21) 2021100431

(71) Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences  
(21) 2021100324 (22) 19.01.2021  
(54) A Prawn Recirculating Aquaculture Method Combined with Nitrification and Assimilation

(71) Yiwu ThousandShores E-Commerce Co., Ltd.  
(21) 2021100348 (22) 20.01.2021  
(54) FLYWHEEL ASSEMBLY AND STATIONARY BIKE  
(31) 202022997892.0 (32) 14.12.20 (33) CN

(71) Yiwu ThousandShores E-Commerce Co., Ltd.  
(21) 2021100349 (22) 20.01.2021  
(54) LAWN AERATOR SHOES  
(31) 202023005716.0 (32) 14.12.20 (33) CN

(71) Yiwu ThousandShores E-Commerce Co., Ltd.  
(21) 2021100360 (22) 20.01.2021  
(54) PARKING RACK  
(31) 202023055675.6 (32) 17.12.20 (33) CN

(71) Yiwu ThousandShores E-Commerce Co., Ltd.  
(21) 2021100361 (22) 20.01.2021  
(54) HAND GRIPPER  
(31) 202023100175.X (32) 21.12.20 (33) CN

(71) Zhejiang Jinbest Energy Technology Co., Ltd  
(21) 2021100374 (22) 21.01.2021  
(54) Waterproof sealing structure for rooftop power generation system  
(31) 202022970342.X (32) 13.12.20 (33) CN

(71) Zhejiang Jinbest Energy Technology Co., Ltd  
(21) 2021100376 (22) 21.01.2021

(54) Double-glazed assembly installation structure for rooftop power generation system  
(31) 202022970349.1 (32) 13.12.20 (33) CN

(71) Zhejiang University of Technology  
(21) 2021100280 (22) 16.01.2021  
(54) Evaluation Method of Trusted Third Party in the Digital Economy Environment

(71) Zhejiang University of Technology  
(21) 2021100304 (22) 18.01.2021  
(54) An Integrated Multi-Service Evaluation Framework for Supply Chain in Digital Economy

(71) Zunyi Normal College  
(21) 2021100327 (22) 19.01.2021  
(54) A method for picking vespiary located in low places by using non-destructive picking and transferring equipment

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<b>2021100266</b>	Affiliated Hospital of Youjiang Medical College for Nationalities	<b>2021100332</b>	Jiangsu University
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<b>2021100270</b>	Jiangxi Longzheng Technology Development Co., Ltd		
<b>2021100273</b>	Jiangxi Longzheng Technology Development Co., Ltd	<b>2021100334</b>	Chongqing Technology And Business University
<b>2021100274</b>	Mozaffari, N.; Vambol, V.; Vambol, S.; A. Khan, N.; Ahmed, S.	<b>2021100335</b>	Collar & Ruff
		<b>2021100336</b>	Taiyuan University of Science and Technology
<b>2021100275</b>	Jiangxi Longzheng Technology Development Co., Ltd	<b>2021100337</b>	Harbin Weixing Power Source Technology Development Co., LTD
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<b>2021100285</b>	Chandra Panda, R.; Raja, R.; B. Thigale, S.; Kumar, D.; Kumar, B.; Mohan Agarwal, K.; Sinha, A.; Parashar, A.; Pattanayak, M.; Srivastava, S.C.; Sharaff, A.; Saritha, S.K.; Kishan, D.; Sharma, S.	<b>2021100339</b>	Research Institute of Industrial Technology of AHUT at XuanCheng Co., Ltd.
		<b>2021100340</b>	Chongqing Academy of Chinese Materia Medica
<b>2021100286</b>	Chandra Panda, R.; Nagpal, N.; Rakshit, P.; D., L.; PANDIAN, P.P.; Nagrath, P.; Mishra, A.; P. Gandhi, P.; Snehi, J.; Khurana, J.; Pal, S.; Sankar, S.; Venkat Reddy, R.; Bhavyasri, K.	<b>2021100341</b>	Panda, S.; Jena, S.; RATH, P.S.; SETHI, N.; MAJHI, S.K.; SENAPATY, M.K.; Bagjadab, A.B.; BATHRE, M.; SONI, S.; GIRI, S.K.
		<b>2021100342</b>	Venkateswarlu, Y.; Aggarwal, M.; Yadav, N.; Praveenkumar, S.; Naved, M.; Kumar, D.V.; Gandhi, P.P.; Kumar, N.; Kapil, G.; Kshirsagar, P.R.
<b>2021100287</b>	Devaneyan, S.; Sahoo, S.K.; Dadheech, P.; Vijayalakshmi, A.; B, E.A.; M, L.; V, N.M.; M, P.; W, R.S.; kumar, C.L.; Pravallika, S.; Sasikala, K.; Sekar, V.; Monisha, M.; P, V.; Joshi, H.; Manoharan, H.; Kshirsagar, P.R.; Peroumal, V.	<b>2021100343</b>	Anhui Agricultural University
		<b>2021100344</b>	KUMAR BHARTI, P.; KUMAR RAI, P.; RAI, V.; SHARAN, B.; Kumar Singh, D.; KUMAR RAI, A.; BHUSHAN, S.; SINGH BISHT, S.; KUMAR YADAV, R.
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<b>2021100297</b>	FLEXI CASH AS		
<b>2021100299</b>	Phin, C.; Dutton-Smith, G.; Beekwilder, A.	<b>2021100346</b>	Arya, S.; Gowri, P.N.; Nandagopal, V.; E, R.; Tamizhselvan, C.; Krishnaraokharat, P.; Sahu, P.; Rao, B.; R, R.; Ahmed, M.I.; Pandey, R.R.; Murali, J.; Ganesh, E.N.; G., P.; Manjunath, T.; Ravikumar, D.; Devi, V.; Manoharan, H.; Peroumal, V.; Kshirsagar, P.R.
<b>2021100300</b>	Mallick, P.; Sharma, A.; Dhal, S.K.; Mishra, S.K.; Chae, G.S.; A, A.; S, S.K.; R, A.; Basa, S.S.; Govindharaj, A.; MUTHYALA, R.; G, B.	<b>2021100347</b>	Jhansi Rani, T.; Om Sharan, H.; Udaya Kumar, N.; Pant, U.; Semwal, A.; Chordiya, S.B.; Kumar Bharti, P.; Purushottam Pawar, V.; Raj, B.; Sarkar, B.K.
<b>2021100301</b>	Pittala, S.K.; Premkumar, M.; Chembian, W.; Chakrabarti, T.; Swamy, B.L.; Banerjee, M.; Hati, A.S.; Junejo, N.U.R.; Jumani, A.K.; Jaglan, V.; Fathimareddy, F.D.T.; Chakrabarti, P.	<b>2021100348</b>	Yiwu ThousandShores E-Commerce Co., Ltd.
		<b>2021100349</b>	Yiwu ThousandShores E-Commerce Co., Ltd.
<b>2021100304</b>	Zhejiang University of Technology	<b>2021100350</b>	Wuhan University
<b>2021100312</b>	Elayaperumal, M.; Satpathy, G.; Gnanasekaran, K.	<b>2021100351</b>	Hangzhou Yidian Information Technology Co., Ltd.
<b>2021100313</b>	Sonar, S.; Ganguli, S.; Karelia, N.; Sohane, A.; Chandra Pal, V.; Mli Gaur, A.	<b>2021100352</b>	Bozhou University
<b>2021100314</b>	Patro, P.; Pati, D.P.; Sarangi, S.K.; Dash, A.K.; Chowdhury, M.R.; Verma, S.B.; Sama, H.R.; Rout, T.; Mishra, U.; Sahu, A.K.	<b>2021100353</b>	Talmor, E.
<b>2021100315</b>	Research Scholar, P.B.; KHAN, M.R.; RATHORE, S.; SHARMA, N.K.	<b>2021100354</b>	Harbin Engineering University; Weihai Ocean Vocational College
<b>2021100316</b>	Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.	<b>2021100355</b>	Weihai Ocean Vocational College; Harbin Engineering University
<b>2021100317</b>	Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.	<b>2021100356</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
		<b>2021100357</b>	THOMAS, A.
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<b>2021100319</b>	Qingdao Agricultural University	<b>2021100359</b>	Kunming University of Science and Technology
<b>2021100320</b>	Bhattacharyya, N.; Biswas, S.K.; Sharma, R.; Basnet, P.	<b>2021100360</b>	Yiwu ThousandShores E-Commerce Co., Ltd.
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<b>2021100328</b>	Selvarajan, E.; S. Samuel, M.; Datta, S.	<b>2021100368</b>	Shanghai University
<b>2021100329</b>	Jiangsu University	<b>2021100369</b>	State Grid Economic and Technological Research Institute of Shanxi; North China Electric Power University
<b>2021100330</b>	Chavc (HongKong) Health Products Co., Limited; Foshan Aierbao E-Commerce Co., Ltd		
<b>2021100331</b>	Shandong Institute of Agricultural Sustainable Development	<b>2021100370</b>	Swain, A.
		<b>2021100371</b>	Affiliated Hospital of YouJiang Medical University for Nationalities
		<b>2021100372</b>	Affiliated Hospital of YouJiang Medical University for Nationalities

Innovation Patent Applications Filed - Numerical Index cont'd

<b>2021100373</b>	Jiang Su University	<b>2021100423</b>	Xi'an University of Science and Technology; Longmenxia South Coal Mine of Sichuan Huayingshan Coal Industry Co.
<b>2021100374</b>	Zhejiang Jinbest Energy Technology Co., Ltd	<b>2021100424</b>	Sichuan Agricultural University
<b>2021100375</b>	Northwest A&F University	<b>2021100425</b>	Xi'an University of Science and Technology; Longmenxia South Coal Mine of Sichuan Huayingshan Coal Industry Co.
<b>2021100376</b>	Zhejiang Jinbest Energy Technology Co., Ltd	<b>2021100428</b>	Micheli, J.K.
<b>2021100377</b>	SHENSTONE DESIGN PTY LTD	<b>2021100429</b>	Singh, H.; Kumar, V.; Saxena, K.
<b>2021100378</b>	Shandong Institute of Pomology	<b>2021100430</b>	Prakash Shukla, A.; Sharma, S.; Kumar Yadav, P.; Pat- rik, A.; Rastogi, K.V.; Singh, S.; Singh, A.; Kumar, D.; Singh, T.; Kumar, A.; Sarkar, B.K.
<b>2021100379</b>	Beijing University of Civil Engineering and Architecture	<b>2021100431</b>	Srivastava, R.; Srivastava, S.; Singh, V.P.; Pratap Singh, N.; Yadav, R.B.; Mishra, R.K.
<b>2021100380</b>	MP Hydro Pty Limited	<b>2021100432</b>	Pradhan, D.; Behera, B.; Samantaray, A.; Tiwari, M.; Chordiya, S.B.; Purushottam Pawar, V.; Raj, B.; Kumar Singh, P.; Nidhi Singh, P.; Sarkar, B.
<b>2021100381</b>	Xuzhou University of Technology	<b>2021100433</b>	Sunar Mahammad, F.; Viswanatham, V.M.; Gowthami, V.; Basha, M.M.; Mayuri, A.V.R.; Babu, T.S.
<b>2021100382</b>	Jiangsu Institute of Parasitic Diseases	<b>2021100434</b>	S, K.; M, S.; R, S.; A, A.
<b>2021100383</b>	Rigdom Trading Pty Ltd	<b>2021100435</b>	Alam, S.; Bokhari, M.U.; Khubrani, M.M.; Abu Hamatta, H.S.; Shuaib, M.; Qamar, S.; Alam, T.
<b>2021100384</b>	RUDRAPATI, R.; VANGETI, M.; CHAVAN, S.; PYDI, H.P.; GANJI, V.; CHOWDARY, V.L.; S D, M.; KUMAR, A.; RUDRAPATI, S.; NANDAKISHORE, N.; KUMAR, Y.P.	<b>2021100436</b>	Qingdao Agricultural University
<b>2021100385</b>	Heilongjiang Bayi Agricultural University	<b>2021100438</b>	Srivastava, S.; Chandra Srivastava, S.; Pinjarkar, L.; Sharaff, A.; Sharma, S.; Saritha, S.K.; Mohiddin, M.K.; Miri, R.; Bagga, J.; Sharma, A.; Mishra, D.; Nayyar, A.
<b>2021100386</b>	Jiangxi Longzheng Technology Development Co., Ltd	<b>2021100439</b>	Chandra Srivastava, S.; Srivastava, S.; Sharaff, A.; Sharma, S.; Shrivasa, A.K.; Saritha, S.K.; Tandan, S.R.; Jain, S.; Sinha, U.; Nayyar, A.; Sharma, A.
<b>2021100387</b>	Sichuan University	<b>2021100440</b>	Anitha, A.; P, S.; S, P.; G, M.; Anbarasi, M.; S, R.; S, R.; Prabakaran, N.; V, B.; Sendhil Kumar, K.S.; Babu S., Y.; Chattopadhyay, A.; Dewanje, A.
<b>2021100388</b>	Xi'an Technological University	<b>2021100443</b>	The First Affiliated Hospital of Xinjiang Medical Uni- versity
<b>2021100389</b>	Changjiang River Scientific Research Institute	<b>2021100444</b>	The First Affiliated Hospital of Xinjiang Medical Uni- versity
<b>2021100390</b>	College of Technology and Engineering, Maharana Pra- tap University of Agriculture and Technology (MPUAT), Udaipur; Gupta, T.	<b>2021100445</b>	North China University of Technology
<b>2021100391</b>	South China University of Technology; South China University of Technology-Zhuhai Institute of Modern In- dustrial Innovation; GRG Banking Equipment Co.,Ltd; Shenzhen Xinyi Technology Co., Ltd	<b>2021100448</b>	Center of Civil Engineering Testing , Huazhong University of Science and Technology; Wuhan Univ,Zhongnan Hosp of Wuhan University; Huazhong University of science and technology; Nanyang Techno- logical University, Singapore; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Municipal Engin- eering Quality Supervision Station; Wuhan Hanyang Municipal Construction Group CO.LTD; China Con- struction Ready Mixed Concrete Co.Ltd.; Wuhan Insti- tute of landscape Architectural Design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.
<b>2021100392</b>	Roseline, S.A.; Geetha, S.; Vicky Phamila, Y.A.; Ra- jadurai, P.; Sasikala, S.	<b>2021100449</b>	Shihezi University
<b>2021100393</b>	Dongguan University of Technology	<b>2021100451</b>	Lu, M.
<b>2021100397</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences	<b>2021100452</b>	West China Hospital Sichuan University
<b>2021100399</b>	Shandong Institute of Pomology	<b>2021100453</b>	Shihezi University
<b>2021100400</b>	Jiangxi Agricultural University	<b>2021100454</b>	Shihezi University
<b>2021100401</b>	Harvok Pty Ltd	<b>2021100455</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences
<b>2021100403</b>	Sichuan Agricultural University		
<b>2021100404</b>	West China Hospital of Sichuan University		
<b>2021100407</b>	GUANGDONG OCEAN UNIVERSITY; SHENZHEN IN- STITUTE OF GUANGDONG OCEAN UNIVERSITY		
<b>2021100408</b>	Sugarcane Research Institute, Yunnan Academy of Ag- ricultural Sciences; Biotechnology and Germplasm Re- sources Institute, Yunnan Academy of Agricultural Sci- ences		
<b>2021100409</b>	Shanghai Ocean University		
<b>2021100410</b>	Shanghai Ocean University		
<b>2021100411</b>	Pugazhenth, P.N.; Selvaperumal, S.		
<b>2021100412</b>	Affiliated Hospital of YouJiang Medical University for Nationalities		
<b>2021100413</b>	XUZHOU UNIVERSITY OF TECHNOLOGY		
<b>2021100414</b>	West China Hospital of Sichuan University		
<b>2021100415</b>	Affiliated Hospital of YouJiang Medical University for Nationalities		
<b>2021100418</b>	West China Hospital of Sichuan University		
<b>2021100420</b>	Institute of Oceanology, Chinese Academy of Sciences		
<b>2021100422</b>	Institute of Oceanology, Chinese Academy of Sciences		



**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

**1996**

1996050406 ( 14 )

**2001**

2001016678 ( 14 )    2001016691 ( 14 )    2001016696 ( 14 )  
 2001016760 ( 14 )    2001016763 ( 14 )    2001016772 ( 14 )  
 2001018245 ( 14 )    2001018246 ( 14 )    2001018260 ( 14 )  
 2001018272 ( 14 )    2001018279 ( 14 )    2001018299 ( 14 )  
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 2001241428 ( 14 )    2001276029 ( 14 )    2001277103 ( 14 )  
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**2002**

2002229143 ( 14 )    2002317047 ( 14 )    2002317653 ( 14 )  
 2002318607 ( 14 )    2002319665 ( 14 )    2002320635 ( 14 )  
 2002322636 ( 14 )    2002325908 ( 14 )    2002355205 ( 14 )

**2003**

2003220712 ( 14 )    2003220755 ( 14 )    2003245801 ( 14 )  
 2003248517 ( 14 )    2003252088 ( 14 )    2003254127 ( 14 )  
 2003254195 ( 14 )    2003254423 ( 14 )    2003254495 ( 14 )  
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**2004**

2004203326 ( 14 )    2004203347 ( 14 )    2004258943 ( 14 )  
 2004258992 ( 14 )    2004259011 ( 14 )    2004260156 ( 14 )  
 2004261459 ( 14 )    2004261573 ( 14 )    2004261582 ( 14 )  
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 2004279166 ( 14 )    2004279170 ( 14 )

**2005**

2005201694 ( 14 )    2005203134 ( 14 )    2005203176 ( 14 )  
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**2006**

2006203102 ( 14 )    2006203113 ( 14 )    2006203549 ( 14 )  
 2006207882 ( 14 )    2006218278 ( 14 )    2006235960 ( 14 )  
 2006270592 ( 14 )    2006270593 ( 14 )    2006270594 ( 14 )  
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 2006272555 ( 14 )    2006272759 ( 14 )    2006272970 ( 14 )  
 2006274083 ( 14 )    2006276004 ( 14 )    2006279036 ( 14 )  
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**2007**

2007201161 ( 14 )    2007203470 ( 14 )    2007216766 ( 14 )  
 2007274846 ( 14 )    2007275227 ( 14 )    2007276715 ( 14 )  
 2007276768 ( 14 )    2007277194 ( 14 )    2007277798 ( 14 )  
 2007278245 ( 14 )    2007278255 ( 14 )    2007281598 ( 14 )  
 2007283150 ( 14 )    2007285409 ( 14 )    2007332978 ( 14 )  
 2007338587 ( 14 )

**2008**

2008203255 ( 14 )    2008278975 ( 14 )    2008279065 ( 14 )  
 2008279248 ( 14 )    2008279653 ( 14 )    2008280929 ( 14 )  
 2008282473 ( 14 )    2008282494 ( 14 )    2008282500 ( 14 )  
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 2008287217 ( 14 )    2008288565 ( 14 )    2008294060 ( 14 )  
 2008300769 ( 14 )    2008359845 ( 14 )

**2009**

2009200580 ( 14 )    2009202941 ( 14 )    2009203003 ( 14 )  
 2009238347 ( 14 )    2009270702 ( 14 )    2009271543 ( 14 )  
 2009273251 ( 14 )    2009273297 ( 14 )    2009274006 ( 14 )  
 2009274016 ( 14 )    2009274229 ( 14 )    2009278319 ( 14 )  
 2009279913 ( 14 )    2009286442 ( 14 )    2009340120 ( 14 )  
 2009350223 ( 14 )

**2010**

2010202058 ( 14 )    2010203051 ( 14 )    2010203291 ( 14 )  
 2010203305 ( 14 )    2010236079 ( 14 )    2010236080 ( 14 )



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 2020203080 ( 4B ) 2020239741 ( 12C ) 2020267155 ( 1B )  
 2020900822 ( 12AN ) 2020901826 ( 12AN ) 2020904321 ( 17AN )

**2021**

2021200660 ( 12AN ) 2021900210 ( 12AN )

**Assignments before Grant, Section 113**

**2015**

2015231163 Los Alamos National Security, LLC; Duke University  
 The application has been assigned to **Triad National Security, LLC; Duke University**

2015335909 Human Powered Fitness, Inc. The application has been assigned to **Athey Investments, Inc.**

**2016**

2016211186 Orsenix, LLC The application has been assigned to **Syros Pharmaceuticals, Inc.**

2016291641 Board of Trustees of The University of Arkansas acting for and on behalf of The University of Arkansas System, Division of Agriculture, University of Arkansas; Novozymes A/S The application has been assigned to **Board of Trustees of The University of Arkansas acting for and on behalf of The University of Arkansas System, Division of Agriculture, University of Arkansas**

2016304060 CARsgen Therapeutics Ltd The application has been assigned to **CAFA Therapeutics Limited**

2016312015 Carsgen Therapeutics, Ltd The application has been assigned to **CAFA Therapeutics Limited**

2016348615 INTREPIDA BIO, INC. The application has been assigned to **Biouniversa S.r.l.**

2016378989 Monash University; Riken; The University of Bristol; Mogrify Limited The application has been assigned to **Mogrify Limited**

**2017**

2017213614 Inventisbio Inc. The application has been assigned to **InventisBio LLC**

2017261189 Cellular Research, Inc. The application has been assigned to **Becton, Dickinson and Company**

2017264912 Tyco Fire & Security, GmbH The application has been assigned to **Johnson Controls Fire Protection LP**

2017306706 Eaton Intelligent Power Limited The application has been assigned to **Signify Holding B.V.**

2017325886 Advanced New Technologies Co., Ltd. The application has been assigned to **Ant Financial (Hang Zhou) Network Technology Co., Ltd.**

2017352553 INTREPIDA BIO, INC. The application has been assigned to **Biouniversa S.r.l.**

**Assignments before Grant, Section 113**

2017359047 Cellular Research, Inc. The application has been assigned to **Becton, Dickinson and Company**

2017359048 Cellular Research, Inc. The application has been assigned to **Becton, Dickinson and Company**

2017374015 Holmgren, Arne The application has been assigned to **Thioredoxin Systems AB**

**2018**

2018221172 Mapp Biopharmaceutical, Inc.; Adimab, LLC; Albert Einstein College of Medicine, Inc. The application has been assigned to **Albert Einstein College of Medicine; Mapp Biopharmaceutical, Inc.; Adimab, LLC**

2018243774 PRESZ JR., Walter; DIONNE, Jason; ROSS-JOHNSTON, Benjamin; CHITALE, Kedar; LIPKENS, Bart The application has been assigned to **FloDesign Sonics, Inc.**

2018278830 Extreme Fire Solutions, LLC The application has been assigned to **APEX Fire Technologies, LLC**

2018337955 Atopic Medical, LLC The application has been assigned to **Atopic Medical, Inc.**

2018361590 Mitsubishi Chemical Corporation The application has been assigned to **GC Corporation**

2018361591 Mitsubishi Chemical Corporation The application has been assigned to **GC Corporation**

2018372564 The University of Sydney The application has been assigned to **Agerris Pty Ltd**

**2019**

2019101774 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019204795 McDonald, Natlan The application has been assigned to **The Stik & Go Holdings Pty Ltd**

2019220720 DataCloud International, Inc. The application has been assigned to **Orica International Pte Ltd**

2019251767 The University of Melbourne The application has been assigned to **Clarity Pharmaceuticals Ltd**

2019257538 Skycasters LLC The application has been assigned to **E^NAT Technologies LLC**

2019257630 VON DRAKK, Viktor The application has been assigned to **The Von Drakk Corporation**

2019281007 HRADNANSKY, John; WOOD, Stephen R. The application has been assigned to **Touch UV, Inc.**

2019282318 Baker Hughes Pressure Control Lp The application has been assigned to **VAULT PRESSURE CONTROL LLC**

**Assignments before Grant, Section 113**

2019297425 Boundy, Tim The application has been assigned to **Moshun, LLC**

2019299519 KHOSRAVI, Farhad; MARTIN, Ken; SAWHNEY, Amarpreet S.; REN, Yong; BRIGHT, Corinne The application has been assigned to **Tulavi Therapeutics, Inc.; INCEPT LLC**

2019327392 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019327393 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019329706 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019331419 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019333255 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019343966 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

2019388543 TTI (Macao Commercial Offshore) Limited The application has been assigned to **Techtronic Floor Care Technology Limited**

**2020**

2020244476 EPC Engineering & Technologies GmbH The application has been assigned to **CyPlus GmbH**

2020900326 Brown, Maclean The application has been assigned to **Aqua Pleasure Enterprises Pty Ltd**

2020902889 THE UNIVERSITY OF MELBOURNE The application has been assigned to **Clarity Pharmaceuticals Ltd**

2020902901 The University of Melbourne The application has been assigned to **Clarity Pharmaceuticals Ltd**

2020903574 Scimita Operations Pty Ltd The application has been assigned to **A.C.N. 639 439 544 Pty Limited**

2020904739 Vijayanayagam, Arjuna The application has been assigned to **SquareBear Technology Pty Ltd**

2020904833 Third Zeton Pty Ltd The application has been assigned to **Third Zeton IP 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.

**2009**

2009202259 **HSEM Management Pty Ltd** An application to extend the time from 05 Jun 2020 to 05 Feb 2021 in which to pay the renewal fee has been filed . Address for service - McMahon & Gordon SE 306 Fayworth House 379 - 383 Pitt ST Sydney NSW 2000 AU

2009264496 **Wang, G.** An application to extend the time from 04 Jun 2020 to 04 Jan 2021 in which to pay the renewal fee has been filed . Address for service - McMahon & Gordon Suite 306 Fayworth House 379 - 383 Pitt Street Sydney NSW 2000 AU

**2012**

2012250489 **Cocky Smart 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 - Wrays L7 863 Hay St Perth WA 6000 AU

2012250490 **Cocky Smart 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 - Wrays L7 863 Hay St Perth WA 6000 AU

**2016**

2016274851 **Tsuda, M.** An application to extend the time from 03 Jun 2020 to 03 Jan 2021 in which to pay the renewal fee has been filed . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2017**

2017315687 **Kittrich Corporation; Iowa State University Research Foundation, Inc.** An application to extend the time from 23 Mar 2019 to 23 Nov 2020 in which to enter the national phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019101092 **EGAN, M.** An application to extend the time from 19 Feb 2020 to 19 Sep 2020 in which to pay the renewal fee has been filed . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU

**2020**

2020200073 **Intuit, Inc.** An application to extend the time from 30 Apr 2020 to 30 Nov 2020 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Applications Allowed - Section 223(2)****2015**

2015237772 **Franklin Aharon, A.** The time in which to pay the acceptance fee has been extended to 28 Nov 2020 . Address for service - Amitai Aharon Franklin 4 Banool Cct Ocean Shores NSW 2483 AU

**Extensions of Time, Section 223**

**2016**

2016210624 **WEBB, C.** The time in which to gain acceptance has been extended to 27 Aug 2021 . Address for service - George Griziotis Patent Attorney PO Box 1210 Cronulla NSW 2230 AU

2016247569 **Gas Capture Technologies; The University of Western Australia** The time in which to pay the continuation fee has been extended to 15 Nov 2020 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016279913 **RR Medsciences Pty Ltd** The time in which to gain acceptance has been extended to 30 Apr 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2016281420 **Koninklijke Douwe Egberts B.V.** The time in which to gain acceptance has been extended to 24 Jun 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2016295142 **Lubrizol Advanced Materials, Inc.** The time in which to gain acceptance has been extended to 06 May 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

**2018**

2018100254 **McRobert, C.** The time in which to pay the renewal fee has been extended to 27 Sep 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018267588 **Solar Analytics Pty Ltd** The time in which to gain acceptance has been extended to 17 Apr 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2018355217 **EVONIK CORPORATION** The time in which to enter the national phase has been extended to 23 Oct 2020 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2019**

2019202633 **Alkermes Pharma Ireland Limited** The time in which to pay the continuation fee has been extended to 19 Oct 2020 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019203306 **ARRIS Enterprises LLC** The time in which to gain acceptance has been extended to 05 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019272065 **illumina, Inc.** The time in which to gain acceptance has been extended to 20 May 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2019312556 **IB Operations Pty Ltd** The time in which to gain acceptance has been extended to 14 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2019312557 **IB Operations Pty Ltd** The time in which to gain acceptance has been extended to 12 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

**Extensions of Time, Section 223**

**2020**

2020100276 **VANADIA PTY LTD** The time in which to gain certification has been extended to 30 Apr 2021 . Address for service - VANADIA PTY LTD 37 TOURIST ROAD EAST TOOWOOMBA QLD 4350 AU

2020250215 **Lo, H.; Lee, C.** The time in which to claim the convention priority date has been extended to 25 Oct 2020 . Address for service - COOPER IP PTY. LTD. 181 Bay Street Brighton VIC 3186 AU

**Section 223(1) Allowances**

**2018**

2018207501 **Denflex Co., Ltd.** The time in which to gain acceptance has been extended to 17 May 2021

**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.

**2013**

2013222021 **STAPLE TOOL Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2014**

2014368449 **Canine antibodies with modified CH2-CH3 sequences Intervet International B.V.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2015**

2015207351 **Materials and methods for modulation of tendon healing The University Court of The University of Glasgow** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2015299055 **Prodrugs comprising an aminoalkyl glycine linker Ascendis Pharma A/S** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2016**

2016250576 **Methods of polynucleotide preparation using multivalent cation salt compositions Geron Corporation** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016283500 **Dry-cast lightweight veneer block, system, and method Oldcastle Architectural, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Jan 2021 . Address for service - Dav-

**Amendments**

ies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

**2017**

2017227962 PTH prodrugs **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017279797 GENETICALLY MODIFIED MAJOR HISTOCOMPATIBILITY COMPLEX MICE **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017307582 Use of adamts13 for treating, ameliorating and/or preventing vaso-occlusive crisis in sickle cell disease, acute lung injury and/or acute respiratory distress syndrome **Baxalta Incorporated ; Baxalta GmbH** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017354086 SynP198, a promoter for the specific expression of genes in direction selective retinal ganglion cells **Friedrich Miescher Institute for Biomedical Research** The nature of the amendment is as shown in the statement(s) filed 27 Jan 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017430443 Flexible wiring for low temperature applications **Google LLC** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2018**

2018201402 Genetically Modified Major Histocompatibility Complex Mice **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Jan 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018212438 Bicyclic bis-heteroaryl derivatives as modulators of protein aggregation **UCB Biopharma SRL** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018212935 A container **Fortinbras Results Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018280272 Multivalent conjugate vaccines with bivalent or multivalent conjugate polysaccharides that provide improved immunogenicity and avidity **Inventprise, LLC** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2021 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2018323458 Key data processing method and apparatus, and server **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2021 . Address for

**Amendments**

service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

**2019**

2019272053 Blood Testing System and Method **CA Casyso GmbH** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2020**

2020230237 Systems and methods for proactively identifying and surfacing relevant content on a touch-sensitive device **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

**Amendments Made**

**2014**

2014331686 **Gilbarco Inc.** The nature of the amendment is as shown in the statement filed 27 Oct 2020

**2015**

2015230787 **Fisher & Paykel Healthcare Limited** The nature of the amendment is: Amend the priority details to read 62/140,727 31 Mar 2015 US and 62/140,598 31 Mar 2015 US

2015317867 **IPG Photonics Corporation** The nature of the amendment is: Amend the name of the inventor to read Leonardo, Manuel; Samartsev, Igor; Avdokhin, Alexey; Keaton, Gregory and Vaupel, Andreas

**2016**

2016216782 **Oxford Drug Design Limited** The nature of the amendment is as shown in the statement filed 03 Nov 2020

2016228955 **Concave Global Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2016102456

2016319785 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 04 Nov 2020

2016344149 **CONTEGO MEDICAL, INC.** The nature of the amendment is: Amend the name of the inventor to read Sachar, Ravish; Serina, Eugene and Patel, Udayan

2016368532 **Droche, E.** The nature of the amendment is as shown in the statement filed 23 Oct 2020

**2017**

2017202174 **Clarke, R.** The nature of the amendment is: Amend the invention title to read Modular Cantilever Masonry Block System

**2018**

2018203219 **Apple Inc.** The nature of the amendment is as shown in the statement filed 28 Sep 2020

2018311843 **XCath, Inc.; The Board of Regents of the University of Texas** The nature of the amendment is: Amend the name of the

**Amendments**

inventor to read KIM, Daniel H.; SHIN, Dong Suk; PALMRE, Viljar and SHIM, Younghee

2018433740 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Soundproof part and outdoor unit of air-conditioning apparatus

2018440914 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Indoor unit of air-conditioning apparatus

2018441289 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Air-conditioning system

**2019**

2019202599 **Kop-Coat, Inc.** The nature of the amendment is: Amend the invention title to read SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS

2019207254 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read DUPLICATION MODE COMMUNICATION PROCESSING METHOD IN CU-DU ARCHITECTURE, AND DEVICE

2019262283 **Sun Yat-Sen University** The nature of the amendment is: Application is to proceed under the number 2019101780

2019262283 **Sun Yat-Sen University** The nature of the amendment is as shown in the statement filed 16 Dec 2020

2019272028 **L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude** The nature of the amendment is: Amend the invention title to read PROCESS AND APPARATUS FOR SEPARATING A FEED STREAM COMPRISING AT LEAST CO<sub>2</sub> AND ALSO AT LEAST ONE LIGHT COMPONENT

2019287776 **Nextivity, Inc.** The nature of the amendment is: Amend the name of the inventor to read Lotter, Michiel Petrus

2019293047 **Gensun Biopharma Inc.** The nature of the amendment is: Amend the name of the inventor to read SHENG, Jackie Z.; LIU, Bo; KAROW, Margaret and ZHANG, Wei

2019297020 **Global Bioenergies** The nature of the amendment is: Amend the name of the inventor to read STRICHER, François and VILLIERS, Benoît

2019297516 **Maranon, Inc.; THOMAS, N.; ESTRERA, J.; THOMAS, J.** The nature of the amendment is: Amend the name of the inventor to read THOMAS, Nils; ESTRERA, Joseph and THOMAS, James

2019308008 **Umitron Pte. Ltd.** The nature of the amendment is: Amend the invention title to read Asset Value Output Apparatus, Insurance Information Output Apparatus, Finance Related Information Output Apparatus, Damage Amount Output Apparatus, Information Processing Method, And Program

2019308205 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read MURPHY, An-

**Amendments**

drew J.; MUJICA, Alexander O.; LAI, Ka-Man Venus; HAXHINASTO, Sokol and ZARUHI, Hovhannisyán

2019312823 **Vogelsang GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Separator for Wastewater Treatment with Movable Strainer Element

2019320032 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Air-conditioner communication system, method of confirming connection of air-conditioner communication system, wireless LAN adapter, and connection confirmation program of air-conditioner communication system

2019359149 **Institute of Geology and Geophysics, Chinese Academy of Sciences** The nature of the amendment is: Amend the invention title to read Method for dynamic cyclic direct shear test of rock mass discontinuities

**2020**

2020223752 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read ALONSO RUIZ, Marcos; LEMAY, Stephen O.; MAGAHERN, James; PATERSON, Toby C. and COFFMAN, Patrick L.

2020294285 **Kop-Coat, Inc.** The nature of the amendment is: Amend the invention title to read SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS

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

**2003**

2003273168 Schmid Rhyner AG The name of the patentee has been altered to **ACTEGA Schmid Rhyner AG**

**2013**

2013329457 Wing Enterprises, Incorporated The name of the patentee has been altered to **LITTLE GIANT LADDER SYSTEMS, LLC**

2013389838 China International Marine Containers (Group) Ltd.; Nantong CIMC Tank Equipment Co., Ltd.; CIMC Enric Investment Holdings (Shenzhen) Co., Ltd. The name of the patentee has been altered to **China International Marine Containers (Group) Ltd.; CIMC Safeway Technologies Co., Ltd.; CIMC Enric Investment Holdings (Shenzhen) Co., Ltd.**

**2014**

2014350279 Schmid Rhyner AG The name of the patentee has been altered to **ACTEGA Schmid Rhyner AG**

2014397223 CIMC Enric Investment Holdings (Shenzhen) Co., Ltd.; China International Marine Containers (Group) Ltd.; Nantong CIMC Tank Equipment Co., Ltd. The name of the patentee has been altered to **CIMC Enric Investment Holdings (Shenzhen) Co., Ltd.; China International Marine Containers (Group) Ltd.; CIMC Safeway Technologies Co., Ltd.**

**2015**

2015265900 UCB Biopharma SPRL The name of the applicant has been altered to **UCB Biopharma SRL**

**Amendments****2016**

2016242172 Shinshu University; Kotobuki Tsushou Co., Ltd. The name of the patentee has been altered to **Shinshu University; Kotobuki Holdings Co., Ltd.**

2016249859 Fromageries Bel The name of the patentee has been altered to **BEL**

**2017**

2017295817 Bayer CropScience LP; Covestro LLC, et al. The name of the applicant has been altered to **Covestro LLC; Bayer CropScience LP**

2017345244 Orthofix Inc. The name of the applicant has been altered to **Orthofix US LLC**

**2018**

2018200896 Wing Enterprises, Incorporated The name of the patentee has been altered to **LITTLE GIANT LADDER SYSTEMS, LLC**

2018207572 Orthofix Inc. The name of the applicant has been altered to **Orthofix US LLC**

2018278359 Wing Enterprises, Incorporated The name of the applicant has been altered to **LITTLE GIANT LADDER SYSTEMS, LLC**

2018282365 Belle-Aire Fragrances, Inc. The name of the applicant has been altered to **Belle-Aire Fragrances, LLC**

2018441838 Shaanxi Synthetic Pharmaceutical Co., Ltd. The name of the applicant has been altered to **HC Synthetic Pharmaceutical Co., Ltd.**

**2019**

2019228202 Mertik Maxitrol GmbH & Co. KG The name of the applicant has been altered to **Maxitrol GmbH & Co. KG**

2019282832 Wing Enterprises, Incorporated The name of the applicant has been altered to **LITTLE GIANT LADDER SYSTEMS, LLC**

2019297516 Maranon, Inc.; THOMAS, Nils; ESTRERA, Joseph; THOMAS, James The name of the applicant has been altered to **Maranon, Inc.; THOMAS, N.; ESTRERA, J.; THOMAS, J.**

**2020**

2020267321 Unilever PLC of Unilever House The name of the applicant has been altered to **Unilever PLC**

2020294209 Striker Corporation The name of the applicant has been altered to **Stryker Corporation**

**2021**

2021100230 Yunnan Tobacco Quality Supervision and Testing Station The name of the applicant has been altered to **Yunnan Tobacco Quality Supervision and Testing Station**

2021100248 Institute of Wolfberry Science, Ningxia Academy of Agricultural and Forestry Sciences; Agricultural Biotechnology Research Center, Ningxia Academy of Agricultural and Forestry Sciences The

**Amendments**

name of the applicant has been altered to **Institute of Wolfberry Science, Ningxia Academy of Agricultural and Forestry Sciences; Agricultural Biotechnology Research Center, Ningxia Academy of Agricultural and Forestry Sciences (Ningxia Key Laboratory of Agricultural Biotechnology)**

2021900186 Azimi, Fred; Mehdi, Azimi The name of the applicant has been altered to **Azimi, F.; Azimi, M.**



Applications Open to Public Inspection

Name Index

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

<p>(71) Accenture Global Solutions Limited (11) AU-A-2020207818 (21) 2020207818 (22) 22.07.2020 (54) EXTRACTING ACTIONABLE ITEMS FROM DOCUMENTS AND ASSIGNING THE ACTIONABLE ITEMS TO RESPONSIBLE PARTIES (51) Int. Cl. G06F 40/20 ( 2020.01 ) G06F 16/35 ( 2019.01 ) G06Q 10/10 ( 2012.01 ) (31) 16/525,172 (32) 29.07.19 (33) US (43) 18.02.2021 (72) WASON, Prashant; KAPA, Sridhar; JANA, Saikat; SANJEEV, Sagar (74) Murray Trento &amp; Associates Pty Ltd</p>	<p>(43) 18.02.2021 (62) 2019279965 (72) AMOURIS, KONSTANTINOS (74) KONSTANTINOS AMOURIS</p>	<p>(54) Fly Meal designed to attract and breed up fly numbers in crops/greenhouses for pollination. AKA FlyGro (51) Int. Cl. A23K 50/90 ( 2016.01 ) (43) 18.02.2021 (72) Wheildon, James (74) B.N WHEILDON &amp; J.L WHEILDON</p>
<p>(71) Adams, W. (11) AU-A-2019250210 (21) 2019250210 (22) 17.10.2019 (54) Balustrade mounting (51) Int. Cl. E04F 11/18 ( 2006.01 ) F16B 2/14 ( 2006.01 ) (31) 2019902769 (32) 02.08.19 (33) AU (43) 18.02.2021 (72) Adams, Wayne Laurence (74) Cotters Patent &amp; Trade Mark Attorneys</p>	<p>(71) ARB Corporation Ltd (11) AU-A-2020213270 (21) 2020213270 (22) 03.08.2020 (54) Receptacle assembly (51) Int. Cl. A47B 88/497 ( 2017.01 ) (31) 2019902744 (32) 01.08.19 (33) AU (43) 18.02.2021 (72) Stickney, Simon John William; Luke, James Kenneth Robert; Clark, John Desmond; Brown, Andrew Harry (74) FB Rice Pty Ltd</p>	<p>(71) Bachmann Innovations Pty Limited (11) AU-A-2019210616 (21) 2019210616 (22) 01.08.2019 (54) A Cabinet, An Adaptor Kit and an Associated Method (51) Int. Cl. A47B 47/02 ( 2006.01 ) A47B 47/03 ( 2006.01 ) (43) 18.02.2021 (72) Bachmann, Walter (74) Adams Pluck</p>
<p>(71) Akebia Therapeutics, Inc (11) AU-A-2020294308 (21) 2020294308 (22) 24.12.2020 (54) Solid forms of {[5-(3-chlorophenyl)-3-hydroxypyridine-2-carbonyl]amino}acetic acid, compositions, and uses thereof (51) Int. Cl. C07D 495/14 ( 2006.01 ) A61P 7/06 ( 2006.01 ) C07D 213/65 ( 2006.01 ) C07D 401/04 ( 2006.01 ) C07D 401/14 ( 2006.01 ) (43) 18.02.2021 (62) 2019202144 (72) COPP, James Densmore; NEWMAN, Ann W.; LUONG, Anne (74) FB Rice Pty Ltd</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2019210589 (21) 2019210589 (22) 31.07.2019 (54) A GAMING SYSTEM (51) Int. Cl. A63F 13/50 ( 2014.01 ) A63F 13/00 ( 2014.01 ) A63F 13/45 ( 2014.01 ) (43) 18.02.2021 (72) LOADER, James; MURPHY, Zachary (74) Griffith Hack</p>	<p>(71) Bionime Corporation (11) AU-A-2020213271 (21) 2020213271 (22) 03.08.2020 (54) Physiological signal monitoring device (51) Int. Cl. A61B 5/1473 ( 2006.01 ) (31) 62/882,140 (32) 02.08.19 (33) US 109109242 19.03.20 TW 109100968 10.01.20 TW 109100852 10.01.20 TW (43) 18.02.2021 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing (74) AJ PARK</p>
<p>(71) ATP Institute Pty Ltd (11) AU-A-2020204219 (21) 2020204219 (22) 25.06.2020 (54) A gummy composition (51) Int. Cl. A23G 3/44 ( 2006.01 ) (31) 2019902715 (32) 30.07.19 (33) AU (43) 18.02.2021 (72) LEGGE, Matthew; KAPELERIS, John; DOIDGE, Jeff; DOIDGE, Toni (74) Spruson &amp; Ferguson</p>	<p>(71) Austainless Pty Ltd (11) AU-A-2020210177 (21) 2020210177 (22) 28.07.2020 (54) Apparatus and method for installing a kerb rail on an access ramp (51) Int. Cl. E04F 11/18 ( 2006.01 ) (31) 2019902695 (32) 29.07.19 (33) AU (43) 18.02.2021 (72) Lunn, Stephen (74) FB Rice Pty Ltd</p>	<p>(71) Bionime Corporation (11) AU-A-2020213272 (21) 2020213272 (22) 03.08.2020 (54) Insertion device for a biosensor and insertion method thereof (51) Int. Cl. A61B 17/34 ( 2006.01 ) (31) 62/882,140 (32) 02.08.19 (33) US 109100967 10.01.20 TW (43) 18.02.2021 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing; LEE, Chen-Hao; CHANG, Kuan-Lin (74) AJ PARK</p>
<p>(71) AMOURIS, K. (11) AU-A-2020294355 (21) 2020294355 (22) 31.12.2020 (54) SYSTEM AND METHOD FOR CONSUMER-BASED STORING, RETRIEVING AND TRANSMITTING OF PROMOTIONAL CONTENT TO OTHER CONSUMERS (51) Int. Cl. G06Q 30/02 ( 2012.01 )</p>	<p>(71) B.N WHEILDON &amp; J.L WHEILDON (11) AU-A-2019210540 (21) 2019210540 (22) 30.07.2019</p>	<p>(71) Bionime Corporation (11) AU-A-2020213273 (21) 2020213273 (22) 03.08.2020 (54) Physiological signal monitoring device (51) Int. Cl. A61B 5/1473 ( 2006.01 ) (31) 109109245 (32) 19.03.20 (33) TW 109100968 10.01.20 TW 109100852 10.01.20 TW 62/882,140 02.08.19 US</p>

Applications Open to Public Inspection - Name Index cont'd

(43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing  
 (74) AJ PARK

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(71) Bionime Corporation  
 (11) AU-A-2020213274  
 (21) 2020213274 (22) 03.08.2020  
 (54) Physiological signal monitoring device with an electrostatic-discharge protective mechanism  
 (51) Int. Cl.  
**A61B 5/1473** ( 2006.01 )  
 (31) 109110966 (32) 31.03.20 (33) TW  
 62/882,140 02.08.19 US  
 (43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing  
 (74) AJ PARK

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(71) Bionime Corporation; Bionime USA Corporation  
 (11) AU-A-2020289832  
 (21) 2020289832 (22) 03.08.2020  
 (54) Physiological signal monitoring device and sensor holder thereof  
 (51) Int. Cl.  
**A61B 5/1473** ( 2006.01 )  
 (31) 62/882,140 (32) 02.08.19 (33) US  
 (43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(71) Bionime Corporation; Bionime USA Corporation  
 (11) AU-A-2020294356  
 (21) 2020294356 (22) 31.07.2020  
 (54) Physiological signal monitoring device  
 (51) Int. Cl.  
**A61B 5/1473** ( 2006.01 )  
 (31) 62/882,140 (32) 02.08.19 (33) US  
 109100961 10.01.20 TW  
 (43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing; LEE, Chen-Hao  
 (74) Phillips Ormonde Fitzpatrick

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(71) Bionime Corporation; Bionime USA Corporation  
 (11) AU-A-2020294357  
 (21) 2020294357 (22) 31.07.2020  
 (54) Physiological signal monitoring device  
 (51) Int. Cl.  
**A61B 5/1473** ( 2006.01 )  
 (31) 62/882,140 (32) 02.08.19 (33) US  
 109100959 10.01.20 TW  
 (43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing; LEE, Chen-Hao  
 (74) Phillips Ormonde Fitzpatrick

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(71) Bionime Corporation; Bionime USA Corporation  
 (11) AU-A-2020294358  
 (21) 2020294358 (22) 31.07.2020  
 (54) Implantable micro-biosensor and method for operating the same

(51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
 (31) 62/882,162 (32) 02.08.19 (33) US  
 62/988,549 12.03.20 US  
 (43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing  
 (74) Phillips Ormonde Fitzpatrick

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(71) BIONIME CORPORATION  
 (11) AU-A-2020210301  
 (21) 2020210301 (22) 31.07.2020  
 (54) Micro Biosensor and Method for Reducing Measurement Interference Using the Same  
 (51) Int. Cl.  
**G01N 27/327** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
 (31) 62/882,162 (32) 02.08.19 (33) US  
 62/988,549 12.03.20 US  
 (43) 18.02.2021  
 (72) HUANG, Chun-Mu; CHEN, Chieh-Hsing; CHANG, Heng-Chia; CHEN, Chi-Hao; CHEN, Pi-Hsuan  
 (74) Golja Haines & Friend

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**Bionime USA Corporation see Bionime Corporation**  
 (21) 2020289832

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**Bionime USA Corporation see Bionime Corporation**  
 (21) 2020294356

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**Bionime USA Corporation see Bionime Corporation**  
 (21) 2020294357

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**Bionime USA Corporation see Bionime Corporation**  
 (21) 2020294358

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(71) Board of Regents, The University of Texas System  
 (11) AU-A-2021200029  
 (21) 2021200029 (22) 05.01.2021  
 (54) HUMAN APPLICATION OF ENGINEERED CHIMERIC ANTIGEN RECEPTOR (CAR) T-CELLS  
 (51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61K 35/14** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
 (43) 18.02.2021  
 (62) 2014265487  
 (72) Cooper, Laurence J.N.; Wang-Johanning, Feng; Torikai, Horoki; Huls, Helen; Hurton, Lenka; Krishnamurthy, Janani; Olivares, Simon; Zhang, Ling  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Board of Regents, The University of Texas System  
 (11) AU-A-2021200029  
 (21) 2021200029 (22) 05.01.2021  
 (54) HUMAN APPLICATION OF ENGINEERED CHIMERIC ANTIGEN RECEPTOR (CAR) T-CELLS  
 (51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61K 35/14** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
 (43) 18.02.2021  
 (62) 2014265487  
 (72) Cooper, Laurence J.N.; Wang-Johanning, Feng; Torikai, Horoki; Huls, Helen; Hurton, Lenka; Krishnamurthy, Janani; Olivares, Simon; Zhang, Ling  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.  
 (11) AU-A-2019279939  
 (21) 2019279939 (22) 31.07.2019  
 (54) Display substrate and display device  
 (51) Int. Cl.  
**G09F 9/30** ( 2006.01 )  
 (43) 18.02.2021  
 (72) Shi, Ling; Shi, Shiming; Huang, Chien Pang; Zhang, Hao  
 (74) Griffith Hack

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(71) BOE Technology Group Co., Ltd.  
 (11) AU-A-2019279968  
 (21) 2019279968 (22) 31.07.2019  
 (54) Display substrate and preparation method thereof, display panel, and display device  
 (51) Int. Cl.  
**G09F 9/30** ( 2006.01 )  
 (43) 18.02.2021  
 (72) Liu, Libin; Li, Mei; Wang, Hongli  
 (74) Griffith Hack

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(71) BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.  
 (11) AU-A-2019279972  
 (21) 2019279972 (22) 31.07.2019  
 (54) Electroluminescent display panel and display device  
 (51) Int. Cl.  
**H01L 27/32** ( 2006.01 )  
 (43) 18.02.2021  
 (72) Huang, Yao; Huang, Weiyun; Long, Yue; Zeng, Chao; Li, Meng  
 (74) Griffith Hack

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(71) Bolton, L.  
 (11) AU-A-2019210536  
 (21) 2019210536 (22) 30.07.2019  
 (54) IMPROVED PLUMBING FITTING AND ATTACHMENT  
 (51) Int. Cl.  
**E03C 1/02** ( 2006.01 )  
 (43) 18.02.2021  
 (72) Bolton, Luke  
 (74) Jones Tulloch

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(71) Bradken Resources Pty Limited  
 (11) AU-A-2020207890  
 (21) 2020207890 (22) 24.07.2020  
 (54) Rotary coupling arrangement  
 (51) Int. Cl.  
**B61G 7/06** ( 2006.01 )  
**B61G 9/24** ( 2006.01 )  
 (31) 2019902621 (32) 24.07.19 (33) AU  
 (43) 18.02.2021  
 (72) Simson, Scott  
 (74) Griffith Hack

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(71) CamelBak Products, LLC  
 (11) AU-A-2020294346  
 (21) 2020294346 (22) 30.12.2020

Applications Open to Public Inspection - Name Index cont'd

(54) Cap assemblies with magnetic closure retention mechanisms and drink containers including the same

(51) Int. Cl.  
*B65D 55/16* ( 2006.01 )  
*B65D 47/08* ( 2006.01 )  
*A45F 3/16* ( 2006.01 )  
*B65D 51/24* ( 2006.01 )

(43) 18.02.2021  
 (62) 2018283972  
 (72) DAVIES, Jeff  
 (74) Spruson & Ferguson

(71) Canva Pty Ltd  
 (11) AU-A-2020294310  
 (21) 2020294310 (22) 24.12.2020  
 (54) A multi-user system for creating brand collateral

(51) Int. Cl.  
*G06Q 10/10* ( 2012.01 )  
*G06F 3/00* ( 2006.01 )  
*G06F 3/01* ( 2006.01 )  
*G06F 3/0484* ( 2013.01 )  
*G06F 15/16* ( 2006.01 )  
*G06F 21/62* ( 2013.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06T 11/60* ( 2006.01 )

(43) 18.02.2021  
 (62) 2016265852  
 (72) PERKINS, Melanie; OBRECHT, Cliff  
 (74) FPA Patent Attorneys Pty Ltd

(71) Celgene Corporation  
 (11) AU-A-2020294311  
 (21) 2020294311 (22) 24.12.2020  
 (54) Modified T lymphocytes having improved specificity

(51) Int. Cl.  
*C12N 5/0783* ( 2010.01 )  
*A01N 63/00* ( 2006.01 )  
*A61K 35/17* ( 2015.01 )  
*C07K 14/71* ( 2006.01 )  
*C07K 14/725* ( 2006.01 )  
*C07K 16/22* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
*C07K 16/32* ( 2006.01 )  
*C12N 5/02* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
*C12N 5/16* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )

(43) 18.02.2021  
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 (72) Liang, Bitao; Abbot, Stewart; Liu, Wei  
 (74) FB Rice Pty Ltd

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 (21) 2019279939

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(21) 2019210684

(71) CHONG, T.C.; CHONG, H.  
 (11) AU-A-2019210684  
 (21) 2019210684 (22) 03.08.2019  
 (54) B-Straw  
 (51) Int. Cl.  
*A47G 21/18* ( 2006.01 )  
 (43) 18.02.2021  
 (72) CHONG, TECK CHOY; CHONG, HUI JANE  
 (74) TECK CHOY CHONG

(71) Colt Canada IP Holding Partnership  
 (11) AU-A-2021200196  
 (21) 2021200196 (22) 07.01.2021  
 (54) A networked battle system with heads up display

(51) Int. Cl.  
*H04W 4/00* ( 2018.01 )  
*F41A 35/00* ( 2006.01 )  
*F41G 3/00* ( 2006.01 )  
*F41G 3/14* ( 2006.01 )  
*F41H 13/00* ( 2006.01 )  
*G06Q 50/26* ( 2012.01 )  
*H04W 84/12* ( 2009.01 )

(43) 18.02.2021  
 (62) 2016268788  
 (72) Downing, Warren  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2020203891  
 (21) 2020203891 (22) 12.06.2020  
 (54) Seal assemblies for surgical access assemblies

(51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
 (31) 16/529,886 (32) 02.08.19 (33) US  
 (43) 18.02.2021  
 (72) DININO, Matthew; PILLETTERE, Roy; LAPIERRE, Nicolette; EBER-SOLE, Garrett; BARIL, Jacob; MATTA, George; BROWN, Eric; DESJARDIN, Kevin  
 (74) Spruson & Ferguson

(71) Covidien LP  
 (11) AU-A-2020203998  
 (21) 2020203998 (22) 16.06.2020  
 (54) Linear stapling device with vertically movable knife

(51) Int. Cl.  
*A61B 17/115* ( 2006.01 )  
 (31) 16/529,974 (32) 02.08.19 (33) US  
 (43) 18.02.2021  
 (72) SEILS, Drew  
 (74) Spruson & Ferguson

(71) Darktrace Limited  
 (11) AU-A-2020210203  
 (21) 2020210203 (22) 29.07.2020  
 (54) A CYBER THREAT DEFENSE SYSTEM, COMPONENTS, AND A METHOD FOR USING ARTIFICIAL INTELLIGENCE MODELS TRAINED ON A

NORMAL PATTERN OF LIFE FOR SYSTEMS WITH UNUSUAL DATA SOURCES

(51) Int. Cl.  
*G06F 21/60* ( 2013.01 )  
*G06F 21/00* ( 2013.01 )  
*G06N 3/00* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
 (31) 62/880,450 (32) 30.07.19 (33) US  
 (43) 18.02.2021  
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 (74) Arcadia Intellectual Property

(71) Deere & Company  
 (11) AU-A-2020204262  
 (21) 2020204262 (22) 26.06.2020  
 (54) Propulsion assembly for an agricultural implement  
 (51) Int. Cl.  
*A01B 51/02* ( 2006.01 )  
 (31) 16/526,548 (32) 30.07.19 (33) US  
 (43) 18.02.2021  
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 (74) Davies Collison Cave Pty Ltd

(71) dragicevic, A.  
 (11) AU-A-2019208185  
 (21) 2019208185 (22) 23.07.2019  
 (54) mobile phone massage feature  
 (51) Int. Cl.  
*H04W 4/12* ( 2009.01 )  
 (43) 18.02.2021  
 (72) dragicevic, Alekander  
 (74) Alekander dragicevic

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 (21) 2020220143 (22) 20.08.2020  
 (54) Biosolid Treatment Process and System  
 (51) Int. Cl.  
*C02F 11/10* ( 2006.01 )  
 (31) 62/879,929 (32) 29.07.19 (33) US  
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 (43) 18.02.2021  
 (72) Mooney, David E.  
 (74) Eagar & Associates Pty Ltd

(71) Ecostargreen S.r.l.  
 (11) AU-A-2020210169  
 (21) 2020210169 (22) 28.07.2020  
 (54) Disc Screen for Separating Solid Materials  
 (51) Int. Cl.  
*B07B 1/06* ( 2006.01 )  
*B07B 1/08* ( 2006.01 )  
*B07B 13/04* ( 2006.01 )  
 (31) 10201900013791 (32) 02.08.19 (33) IT

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(43) 18.02.2021  
 (72) CAPPOZZO, Domenico  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Environmental Services Pty Ltd  
 (11) AU-A-2020210226  
 (21) 2020210226 (22) 29.07.2020  
 (54) Organic Antimicrobial Agent  
 (51) Int. Cl.

*A01N 65/00* ( 2009.01 )  
*A01N 25/02* ( 2006.01 )  
*A01N 25/30* ( 2006.01 )  
*A61L 2/22* ( 2006.01 )

(31) 2019902768 (32) 02.08.19 (33) AU  
 (43) 18.02.2021  
 (72) Watson, Robert; Joyce, Kevin  
 (74) mdp Patent and Trade Mark Attorneys

(71) Evogene Ltd.  
 (11) AU-A-2021200054  
 (21) 2021200054 (22) 06.01.2021

(54) Isolated polynucleotides and polypeptides, and methods of using same for increasing yield of plants

(51) Int. Cl.  
*C12N 15/82* ( 2006.01 )  
*A01H 5/00* ( 2006.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 15/29* ( 2006.01 )

(43) 18.02.2021  
 (62) 2018205122  
 (72) ADATO, Avital; KARCHI, Hagai  
 (74) Spruson & Ferguson

(71) Femto Engineering S.r.l.  
 (11) AU-A-2020210290  
 (21) 2020210290 (22) 31.07.2020  
 (54) Lock  
 (51) Int. Cl.

*E05B 83/44* ( 2014.01 )

(31) 102019000013797 (32) 02.08.19 (33) IT  
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 (72) AMATO, Giuseppe  
 (74) Spruson & Ferguson

(71) Fuzhou Autran Industrial Co.,Ltd.  
 (11) AU-A-2020277205  
 (21) 2020277205 (22) 25.05.2020  
 (54) Damping hinge  
 (51) Int. Cl.

*E05D 11/10* ( 2006.01 )  
*E05D 3/02* ( 2006.01 )

(31) 2019106877912 (32) 29.07.19 (33) CN  
 (43) 18.02.2021  
 (72) XU, Liang; CHEN, Fan  
 (74) WRAYS PTY LTD

(71) Gruppo Cimbali S.p.A.  
 (11) AU-A-2020210167  
 (21) 2020210167 (22) 28.07.2020  
 (54) ANTI-STATIC GRINDER DEVICE FOR GRINDING ROASTED COFFEE BEANS FOR BEVERAGE PREPARATION  
 (51) Int. Cl.

*A47J 42/38* ( 2006.01 )  
*A47J 42/06* ( 2006.01 )  
*A47J 42/16* ( 2006.01 )  
*A47J 42/36* ( 2006.01 )

(31) 102019000013392 (32) 31.07.19 (33) IT  
 (43) 18.02.2021  
 (72) Abbiati, Giacomo  
 (74) Phillips Ormonde Fitzpatrick

(71) Guo, Z.  
 (11) AU-A-2020210213  
 (21) 2020210213 (22) 29.07.2020  
 (54) Two ways fishing line release for drone and uav

(51) Int. Cl.  
*B64C 39/02* ( 2006.01 )  
*A01K 97/00* ( 2006.01 )  
*A01K 99/00* ( 2006.01 )  
 (31) 755853 (32) 29.07.19 (33) NZ  
 (43) 18.02.2021  
 (72) Guo, Zhonghai  
 (74) AJ PARK

(71) Hohnbaum, J.  
 (11) AU-A-2020223766  
 (21) 2020223766 (22) 28.08.2020  
 (54) System and apparatus for controlling fluid flow in drainage systems

(51) Int. Cl.  
*E03F 7/06* ( 2006.01 )  
*E02B 7/40* ( 2006.01 )  
*E02B 8/04* ( 2006.01 )  
*E03F 7/02* ( 2006.01 )  
*F16L 55/07* ( 2006.01 )  
 (31) 16/528,284 (32) 31.07.19 (33) US  
 (43) 18.02.2021  
 (72) Hohnbaum, Jeremy  
 (74) Davies Collison Cave Pty Ltd

(71) Howmedica Osteonics Corp.  
 (11) AU-A-2020207869  
 (21) 2020207869 (22) 24.07.2020  
 (54) Hybrid metal-backed glenoid component

(51) Int. Cl.  
*A61F 2/40* ( 2006.01 )  
 (31) 62/881,527 (32) 01.08.19 (33) US  
 (43) 18.02.2021  
 (72) TERRILL, Lance N.  
 (74) FB Rice Pty Ltd

(71) Howmedica Osteonics Corp.  
 (11) AU-A-2020210189  
 (21) 2020210189 (22) 28.07.2020  
 (54) Keeled glenoid implant

(51) Int. Cl.  
*A61F 2/40* ( 2006.01 )  
 (31) 62/880,147 (32) 30.07.19 (33) US  
 (43) 18.02.2021  
 (72) TERRILL, Lance N.  
 (74) FB Rice Pty Ltd

(71) Howmedica Osteonics Corp.  
 (11) AU-A-2020210308  
 (21) 2020210308 (22) 31.07.2020

(54) MULTI-STAGE ADDITIVE MANUFACTURING PROCESS WITH INSERTS  
 (51) Int. Cl.  
*A61F 2/28* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
*B33Y 80/00* ( 2015.01 )  
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 (72) Walsh, Gearoid; Lehane, Mark  
 (74) Phillips Ormonde Fitzpatrick

(71) Hunter Mining Methods Pty Ltd  
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 (21) 2020201434 (22) 27.02.2020  
 (54) IMPROVED COMPONENTS AND METHODS FOR LONG WALL MINING  
 (51) Int. Cl.  
*E21D 19/02* ( 2006.01 )  
*E21D 23/03* ( 2006.01 )  
 (31) 2019902704 (32) 30.07.19 (33) AU  
 (43) 18.02.2021  
 (72) HUNTER, David  
 (74) Halfords IP

(71) Incyte Holdings Corporation  
 (11) AU-A-2020294336  
 (21) 2020294336 (22) 29.12.2020  
 (54) Heteroaryl substituted pyrrolo[2,3-b]pyridines and pyrrolo[2,3-b]pyrimidines as Janus kinase inhibitors  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/395* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61K 31/573* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )

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 (74) FB Rice Pty Ltd

(71) Janssen Biotech, Inc.  
 (11) AU-A-2021200025  
 (21) 2021200025 (22) 05.01.2021  
 (54) Human anti-IL-23 antibodies, compositions, methods and uses  
 (51) Int. Cl.  
*C07K 16/24* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
*G01N 33/563* ( 2006.01 )  
*G01N 33/564* ( 2006.01 )  
*G01N 33/567* ( 2006.01 )  
*G01N 33/577* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )

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- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
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 (21) 2020203471 (22) 27.05.2020  
 (54) Carbon dioxide capture system and method of operating carbon dioxide capture system  
 (51) Int. Cl.  
 B01D 53/14 ( 2006.01 )  
 B01D 53/18 ( 2006.01 )  
 B01D 53/73 ( 2006.01 )  
 B01D 53/74 ( 2006.01 )  
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 C01B 32/50 ( 2017.01 )  
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 (72) Fujita, Koshito; Udatsu, Mitsuru  
 (74) Davies Collison Cave Pty Ltd
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 (21) 2020204603 (22) 09.07.2020  
 (54) Field winding interlayer short-circuit detection apparatus and field winding interlayer short-circuit detection method  
 (51) Int. Cl.  
 H02P 29/024 ( 2016.01 )  
 G01R 31/34 ( 2020.01 )  
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 (74) Griffith Hack
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- (71) LG Electronics Inc.  
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 (21) 2020210192 (22) 28.07.2020  
 (54) Clothes treatment apparatus  
 (51) Int. Cl.  
 D06F 73/02 ( 2006.01 )  
 D06F 58/10 ( 2006.01 )  
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 (21) 2020210293 (22) 31.07.2020  
 (54) ROBOT CLEANER AND ROBOT SYSTEM HAVING THE SAME  
 (51) Int. Cl.  
 A47L 9/28 ( 2006.01 )  
 A47L 11/24 ( 2006.01 )
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 G05D 1/00 ( 2006.01 )  
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 (72) KANG, Jungwook  
 (74) Dentons Patent Attorneys Australasia Limited
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 (54) Component Parts for Supporting and Forming a Raised Hob Formwork Assembly, and a Method of Assembly  
 (51) Int. Cl.  
 E04B 5/36 ( 2006.01 )  
 (31) 2019902751 (32) 01.08.19 (33) AU  
 (43) 18.02.2021  
 (72) Pantano, Filip  
 (74) Pipers Intellectual Property
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- (71) Modla Pty Ltd  
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 (54) A SYSTEM FOR USE IN ASSET ANALYSIS  
 (51) Int. Cl.  
 G06Q 10/06 ( 2012.01 )  
 G06Q 50/04 ( 2012.01 )  
 (31) 2019902746 (32) 01.08.19 (33) AU  
 (43) 18.02.2021  
 (72) Boers, Dane  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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 (11) AU-A-2020210222  
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 (54) Patient support suitable for X-ray  
 (51) Int. Cl.  
 A61B 6/04 ( 2006.01 )  
 A61G 1/04 ( 2006.01 )  
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 (43) 18.02.2021  
 (72) Rowland, Darren  
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 (51) Int. Cl.  
 G01N 33/76 ( 2006.01 )  
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- (54) ENHANCING LEFT VENTRICULAR RELAXATION THROUGH NEUROMODULATION  
 (51) Int. Cl.  
 A61N 1/36 ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) A FUNNEL  
 (51) Int. Cl.  
 B65B 39/00 ( 2006.01 )  
 B67C 11/02 ( 2006.01 )  
 (43) 18.02.2021  
 (72) Newton, Manvell  
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) New York University; PureTech Health, LLC  
 (11) AU-A-2020294364  
 (21) 2020294364 (22) 31.12.2020  
 (54) Anti-Galectin-9 antibodies and uses thereof  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61K 39/395 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 A61P 37/00 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 (43) 18.02.2021  
 (62) 2018355588  
 (72) KOIDE, Shohei; MILLER, George; KOIDE, Akiko; CHEN, Linxiao; FILIPOVIC, Aleksandra; ELENKO, Eric; BOLEN, Joseph  
 (74) Spruson & Ferguson
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- (71) Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.  
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 (21) 2020210219 (22) 10.04.2020  
 (54) Solar reflecting film and preparation method thereof  
 (51) Int. Cl.  
 B32B 37/00 ( 2006.01 )  
 B32B 15/00 ( 2006.01 )  
 (31) 201910701748.7 (32) 31.07.19 (33) CN  
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 (43) 18.02.2021  
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 (74) Madderns Pty Ltd
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 (21) 2020210219

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 (11) AU-A-2020294315  
 (21) 2020294315 (22) 24.12.2020  
 (54) Method and apparatus for motion compensation prediction  
 (51) Int. Cl.  
*H04N 19/523* (2014.01)  
*H04N 11/02* (2006.01)  
*H04N 19/132* (2014.01)  
*H04N 19/59* (2014.01)  
*H04N 19/82* (2014.01)  
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 (72) BOSSEN, Frank Jan  
 (74) Spruson & Ferguson

(71) NTT DOCOMO, INC.  
 (11) AU-A-2020294318  
 (21) 2020294318 (22) 24.12.2020  
 (54) Predictive encoding method, predictive encoding device, and predictive encoding program of motion vector, and, predictive decoding method, predictive decoding device, and predictive decoding program of motion vector  
 (51) Int. Cl.  
*H04N 19/52* (2014.01)  
*H04N 7/12* (2006.01)  
*H04N 19/61* (2014.01)  
 (43) 18.02.2021  
 (62) 2019210523  
 (72) FUJIBAYASHI, Akira; SUZUKI, Yoshinori; BOON, Choong Seng  
 (74) Spruson & Ferguson

(71) NTT DOCOMO, INC.  
 (11) AU-A-2020294321  
 (21) 2020294321 (22) 24.12.2020  
 (54) Video prediction encoding device, video prediction encoding method, video prediction decoding device, video prediction decoding method, and video prediction decoding program  
 (51) Int. Cl.  
*H04N 19/573* (2014.01)  
*H04N 19/52* (2014.01)  
*H04N 19/577* (2014.01)  
 (43) 18.02.2021  
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 (72) SUZUKI, Yoshinori; BOON, Choong Seng  
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(71) Ocean University of China  
 (11) AU-A-2020210250  
 (21) 2020210250 (22) 30.07.2020  
 (54) LASER-INDUCED BREAKDOWN SPECTROSCOPY EQUIPMENT IN DEEP-SEA IN-SITU DETECTION  
 (51) Int. Cl.  
*G01J 3/02* (2006.01)  
 (31) 201910695694.8 (32) 30.07.19 (33) CN  
 (43) 18.02.2021  
 (72) Guo, Jinjia; Lu, Yuan; Cheng, Kai; Zheng, Ronger  
 (74) Madderns Pty Ltd

(71) Oystershell NV  
 (11) AU-A-2020294306  
 (21) 2020294306 (22) 24.12.2020  
 (54) Pen for the treatment of dermatological disorders and method for use thereof  
 (51) Int. Cl.  
*A61B 18/02* (2006.01)  
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*C21B 3/02* (2006.01)  
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*C03C 3/062* (2006.01)  
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*C07K 16/18* ( 2006.01 )  
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A01M 29/34 ( 2011.01 )  
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<b>2019210536</b>	Bolton, L.	<b>2020213272</b>	Bionime Corporation
<b>2019210540</b>	B.N WHEILDON & J.L WHEILDON	<b>2020213273</b>	Bionime Corporation
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<b>2019210589</b>	Aristocrat Technologies Australia Pty Limited	<b>2020213287</b>	Nantong Egens Biotechnology Co., Ltd
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<b>2019210616</b>	Bachmann Innovations Pty Limited	<b>2020223766</b>	Hohnbaum, J.
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<b>2019210685</b>	Pheiffer, W.	<b>2020294306</b>	Oystershell NV
<b>2019250210</b>	Adams, W.	<b>2020294307</b>	Vifor Pharma Technology Ltd.
<b>2019279939</b>	BOE Technology Group Co., Ltd.; Chengdu BOE Opto-electronics Technology Co., Ltd.	<b>2020294308</b>	Akebia Therapeutics, Inc
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<b>2019316537</b>	Toshiba Mitsubishi-Electric Industrial Systems Corporation	<b>2020294318</b>	NTT DOCOMO, INC.
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<b>2020210219</b>	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.		
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<b><u>A01K 99 /-</u></b> 2020210213	<b><u>A61P 7 /-</u></b> 2020294308	<b><u>A61P 37 /-</u></b> 2020294336 2020294337 2020294364 2021200025 2021200029 2021200051	<b><u>B64D 33 /-</u></b> 2020204020	<b><u>C21D 1 /-</u></b> 2020207808	<b><u>E21D 19 /-</u></b> 2020201434
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<b><u>A01M 29 /-</u></b> 2020213266	<b><u>A61F 2 /-</u></b> 2020207869 2020210189 2020210308	<b><u>A61P 7 /-</u></b> 2020294308	<b><u>B65C 3 /-</u></b> 2020203842	<b><u>C21D 6 /-</u></b> 2020207808	<b><u>F04D 29 /-</u></b> 2020205211
<b><u>A01N 25 /-</u></b> 2020210226	<b><u>A61G 6 /-</u></b> 2020207869 2020210189 2020210308	<b><u>A61P 7 /-</u></b> 2020294308	<b><u>B65D 47 /-</u></b> 2020294346	<b><u>D06F 58 /-</u></b> 2020210192	<b><u>F16B 2 /-</u></b> 2019250210
<b><u>A01N 63 /-</u></b> 2020294311	<b><u>A61G 1 /-</u></b> 2020210222	<b><u>A63F 13 /-</u></b> 2019210589	<b><u>B65D 51 /-</u></b> 2020294346	<b><u>D06F 71 /-</u></b> 2020210192	<b><u>F16L 55 /-</u></b> 2020223766
<b><u>A01N 65 /-</u></b> 2020210226	<b><u>A61K 31 /-</u></b> 2020294307 2020294336 2020294337 2021200051	<b><u>B01D 53 /-</u></b> 2020203471	<b><u>B65D 55 /-</u></b> 2020294346	<b><u>D06F 73 /-</u></b> 2020210192	<b><u>F41A 35 /-</u></b> 2021200196
<b><u>A23G 3 /-</u></b> 2020204219	<b><u>A61K 35 /-</u></b> 2020294311 2020294337 2021200029	<b><u>B02C 23 /-</u></b> 2019299863	<b><u>B67C 11 /-</u></b> 2019210680	<b><u>E02B 7 /-</u></b> 2020223766	<b><u>F41G 3 /-</u></b> 2021200196
<b><u>A23K 50 /-</u></b> 2019210540	<b><u>A61K 35 /-</u></b> 2020294311 2020294337 2021200029	<b><u>B07B 1 /-</u></b> 2020210169	<b><u>C01B 32 /-</u></b> 2020203471	<b><u>E02B 8 /-</u></b> 2020223766	<b><u>F41H 13 /-</u></b> 2021200196
<b><u>A41D 19 /-</u></b> 2020205307	<b><u>A61K 38 /-</u></b> 2020294337	<b><u>B07B 13 /-</u></b> 2020210169	<b><u>C02F 11 /-</u></b> 2020220143	<b><u>E03C 1 /-</u></b> 2019210536	<b><u>G01J 3 /-</u></b> 2020210250
<b><u>A41F 9 /-</u></b> 2020210267	<b><u>A61K 39 /-</u></b> 2020294311 2020294337 2020294364 2021200025 2021200029	<b><u>B21B 3 /-</u></b> 2020207808	<b><u>C03C 12 /-</u></b> 2020207845	<b><u>E03F 7 /-</u></b> 2020223766	<b><u>G01N 24 /-</u></b> 2020210196
<b><u>A45F 3 /-</u></b> 2020294346	<b><u>B23K 103 /-</u></b> 2020207808	<b><u>B23K 11 /-</u></b> 2020207808	<b><u>C03C 3 /-</u></b> 2020207845	<b><u>E04B 5 /-</u></b> 2020205300	<b><u>G01N 27 /-</u></b> 2020210301
<b><u>A47B 47 /-</u></b> 2019210616	<b><u>B23K 11 /-</u></b> 2020207808	<b><u>C03C 4 /-</u></b> 2020207845	<b><u>C03C 4 /-</u></b> 2020207845	<b><u>E04F 11 /-</u></b> 2019250210 2020210177	<b><u>G01N 33 /-</u></b> 2020210196

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**H04N 7 /-**  
 2020294318

**G01R 31 /-**  
 2020204603

**H04W 4 /-**  
 2019208185  
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**G01S 17 /-**  
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**H04W 84 /-**  
 2021200196

**G02B 26 /-**  
 2020205280

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**G05D 1 /-**  
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**G06F 15 /-**  
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**G06F 16 /-**  
 2020207818

**G06F 21 /-**  
 2020210203  
 2020294310

**G06F 3 /-**  
 2020294310

**G06F 40 /-**  
 2020207818

**G06N 20 /-**  
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**G06N 3 /-**  
 2020210203

**G06Q 10 /-**  
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 2020294310

**G06Q 30 /-**  
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**G06Q 50 /-**  
 2020210200  
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**G06T 11 /-**  
 2020294310

**G09F 9 /-**  
 2019279939  
 2019279968

**H01L 27 /-**  
 2019279972

**H02J 3 /-**  
 2019316537

**H02P 29 /-**  
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**H04N 11 /-**  
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 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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**(54)** MOBILE AUGMENTED REALITY SERVICE APPARATUS AND METHOD USING DEEP LEARNING BASED POSITIONING TECHNOLOGY

**(51)** Int. Cl.

**G06T 7/73** ( 2017.01 )

**G01C 11/00** ( 2006.01 )

**G06F 3/01** ( 2006.01 )

**G06N 3/08** ( 2006.01 )

**G06T 19/00** ( 2011.01 )

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**(21)** 2020103979 **(22)** 09.12.2020

**(54)** MULTI-SENSOR COOPERATIVE TARGET TRACKING SYSTEM

**(51)** Int. Cl.

**G01S 13/86** ( 2006.01 )

**G01S 13/66** ( 2006.01 )

**G01S 13/87** ( 2006.01 )

**(45)** 18.02.2021

**(72)** LEI, Zhen; SUN, Yan; CUI, Peizhi

**(74)** Caska Intellectual Property Pty Ltd

**(71)** Arrow Plastics Pty Limited

**(11)** AU-A-2020103968

**(21)** 2020103968 **(22)** 08.12.2020

**(54)** Container

**(51)** Int. Cl.

**B01L 3/00** ( 2006.01 )

**A61B 5/1477** ( 2006.01 )

**A61B 10/00** ( 2006.01 )

**A61F 5/44** ( 2006.01 )

**A61M 1/00** ( 2006.01 )

**G01N 1/18** ( 2006.01 )

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**(62)** 2020100739

**(72)** Stafford, James Ernest

**(74)** Spruson & Ferguson

**(71)** Beijing Society of Surveying and Mapping

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**(51)** Int. Cl.

**G01B 11/00** ( 2006.01 )

**G01S 19/14** ( 2010.01 )

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**(45)** 18.02.2021

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**(71)** Bevworx Pty Ltd

**(11)** AU-A-2020104009

**(21)** 2020104009 **(22)** 10.12.2020

**(54)** A Vessel and Keg Assembly for Storing and Dispensing Beverages

**(51)** Int. Cl.

**B67D 1/04** ( 2006.01 )

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**(72)** Mallam, Luke; Mallam, Nicholas; Catliffe, Brett

**(74)** Chrysiliou IP

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**(54)** Method for improving efficiency of solar cell by using layer-by-layer self-assembly core-shell structure ZnSe/ZnS colloidal quantum dots

**(51)** Int. Cl.

**C01B 19/00** ( 2006.01 )

**B82Y 40/00** ( 2011.01 )

**H01L 31/0352** ( 2006.01 )

**H01L 31/055** ( 2014.01 )

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**(72)** Liu, Ni

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**(71)** Ch. Pradyutha, A.; Rao, V.U.

**(11)** AU-A-2020103945

**(21)** 2020103945 **(22)** 08.12.2020

**(54)** EPBP- Euphorbia Milii: Evaluation of Phytoconstituents and Bioactivity Potential of Euphorbia Milii des Moul Aerial Parts

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**A01N 65/18** ( 2009.01 )

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**A61K 36/47** ( 2006.01 )

**A61K 47/02** ( 2006.01 )

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**(21)** 2020103995 **(22)** 10.12.2020

**(54)** A SERIES OF RATIO-METRIC PH PROBES TARGETING ORGANELLE OR PROTEIN AND THE APPLICATION THEREOF

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**C07F 5/02** ( 2006.01 )

**C09K 11/06** ( 2006.01 )

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 (51) Int. Cl.  
*H01J 49/04* ( 2006.01 )  
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*G06Q 50/06* ( 2012.01 )  
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*A23K 20/147* ( 2016.01 )  
*A23K 20/20* ( 2016.01 )  
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*C02F 3/30* ( 2006.01 )  
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**(45)** 18.02.2021  
**(72)** ZHANG, Chunhui; JIA, Wei; LI, Xia  
**(74)** Origin Patent and Trade Mark Attorneys

**Jhanjhi, N.Z. see Nayyar, A.**  
**(21)** 2020103713

**(71)** Jiangsu Cancer Hospital  
**(11)** AU-A-2020104004  
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**(51)** Int. Cl.  
**A61M 25/06** ( 2006.01 )  
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**(72)** Zhang, Yufeng; Feng, Yong; Qiao, Wei; Yin, Li; He, Xia  
**(74)** Madderns Pty Ltd

**(71)** Jiangsu Cancer Hospital  
**(11)** AU-A-2020104005  
**(21)** 2020104005 **(22)** 10.12.2020  
**(54)** SHIELDING RADIATION PROTECTIVE DEVICE  
**(51)** Int. Cl.  
**A61B 6/10** ( 2006.01 )  
**G21F 3/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(72)** Ji, Mingchuan  
**(74)** Remarkable IP

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**E04H 12/22** ( 2006.01 )  
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**(72)** LAWRENCE, PAUL JOSEPH  
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<b>2020103713</b>	Nayyar, A.; Kumar, A.; Sahoo, K.S.; Jhanjhi, N.Z.; Krishnamurthi, R.; Devi, V.	<b>2020104014</b>	Inner Mongolia Agricultural University
<b>2020103774</b>	Linyi University; Linyi Hengyuan Intelligent Technology Co., LTD	<b>2020104015</b>	Guizhou Institute of Animal Husbandry and Veterinary Medicine
<b>2020103858</b>	Institute of Biology, Gansu Academy of Sciences,, China	<b>2020104016</b>	Ningxia University
<b>2020103861</b>	Sichuan Agricultural University	<b>2020104018</b>	Shenzhen Polytechnic
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<b>2020103972</b>	O'Shea, J.		
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<b>2020103977</b>	M & K Ashby Pty Ltd		
<b>2020103978</b>	Zhongshiduoqing (Shandong) Biotech Co., Ltd.		
<b>2020103979</b>	Army Academy of Armored forces		
<b>2020103980</b>	Xuzhou University of Technology		
<b>2020103981</b>	TMP Group Pty Ltd		
<b>2020103982</b>	Ningxia University		
<b>2020103983</b>	Sichuan Agricultural University		
<b>2020103984</b>	SYSTEM STORMSEAL PTY LTD		
<b>2020103985</b>	Zhejiang University		
<b>2020103986</b>	Yantai University		
<b>2020103987</b>	Sichuan Animal Science Academy		
<b>2020103988</b>	Zhejiang Academy of Agricultural Sciences		
<b>2020103991</b>	Institute of Animal Science, Guangdong Academy of Agricultural Sciences		
<b>2020103993</b>	AGGARWAL, A.; GABA, S.; ., S.; GARG, P.; RANI, S.; KUMAR, R.		
<b>2020103994</b>	Institute of Food Science and Technology , Chinese Academy of Agricultural Sciences		
<b>2020103995</b>	Dalian University of Technology		
<b>2020103996</b>	Binzhou University		
<b>2020103997</b>	Shanghai Ocean University		
<b>2020103998</b>	Hebei University of Engineering		
<b>2020104000</b>	Guangxi University		
<b>2020104001</b>	Ningxia University		
<b>2020104002</b>	Huazhong Agricultural University		
<b>2020104003</b>	Ocean University of China		
<b>2020104004</b>	Jiangsu Cancer Hospital		
<b>2020104005</b>	Jiangsu Cancer Hospital		
<b>2020104006</b>	NAVAL AVIATION UNIVERSITY		
<b>2020104007</b>	Foshan University; Technology Center of Wuhan Customs; Heilongjiang River Fisheries Research Institute, Chinese Academy of Fishery Sciences		
<b>2020104008</b>	Gannan Medical University		
<b>2020104009</b>	Bevworx Pty Ltd		
<b>2020104010</b>	LAWRENCE, P.		
<b>2020104011</b>	Sichuan University		
<b>2020104012</b>	Fujian Agriculture and Forestry University		

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2020103858	2020103988	2020103970	2020103994	2020103858	2020103344
<b><u>A01K 1 /-</u></b>	<b><u>A23K 10 /-</u></b>	2020103976	<b><u>B09C 1 /-</u></b>	<b><u>C04B 14 /-</u></b>	<b><u>C08K 5 /-</u></b>
2020103987	2020103991	2020103978	2020104016	2020103969	2020103986
<b><u>A01K 63 /-</u></b>	2020104013	<b><u>A61K 47 /-</u></b>	<b><u>B26D 1 /-</u></b>	<b><u>C04B 16 /-</u></b>	<b><u>C09D 133 /-</u></b>
2020104019	2020104015	2020103945	2020103980	2020103969	2020103986
<b><u>A01K 73 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>B26D 3 /-</u></b>	<b><u>C04B 18 /-</u></b>	<b><u>C09D 143 /-</u></b>
2020103997	2020104015	2020103945	2020103980	2020103969	2020103986
<b><u>A01M 1 /-</u></b>	<b><u>A23K 40 /-</u></b>	<b><u>A61M 1 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>C09D 175 /-</u></b>
2020103971	2020104015	2020103968	2020103984	2020103969	2020103986
2020103973	<b><u>A23K 50 /-</u></b>	<b><u>A61M 25 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C09D 5 /-</u></b>
2020103974	2020103991	2020104004	2020103986	2020103969	2020103986
2020104002	2020104013	<b><u>A61M 35 /-</u></b>	<b><u>B62M 6 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>C09D 7 /-</u></b>
<b><u>A01M 29 /-</u></b>	2020104015	2020104004	2020103972	2020104014	2020103986
2020103967	<b><u>A23L 13 /-</u></b>	2020104004	<b><u>B63B 1 /-</u></b>	<b><u>C04B 41 /-</u></b>	<b><u>C09K 11 /-</u></b>
<b><u>A01N 1 /-</u></b>	2020103988	<b><u>A61P 19 /-</u></b>	2020103997	2020104014	2020103861
2020103963	<b><u>A23L 27 /-</u></b>	2020103970	<b><u>B65D 81 /-</u></b>	2020104001	2020103995
<b><u>A01N 25 /-</u></b>	2020103988	<b><u>A61P 3 /-</u></b>	2020104019	<b><u>C05B 7 /-</u></b>	<b><u>C10L 3 /-</u></b>
2020103966	<b><u>A23N 15 /-</u></b>	2020104012	<b><u>B65D 85 /-</u></b>	2020103982	2020103774
<b><u>A01N 33 /-</u></b>	2020103980	<b><u>A61P 31 /-</u></b>	2020104019	<b><u>C05C 9 /-</u></b>	<b><u>C12J 1 /-</u></b>
2020104001	<b><u>A23P 20 /-</u></b>	2020103945	<b><u>B67D 1 /-</u></b>	2020103982	2020103955
<b><u>A01N 37 /-</u></b>	2020103988	<b><u>A61P 35 /-</u></b>	2020104009	<b><u>C05D 9 /-</u></b>	<b><u>C12M 1 /-</u></b>
2020104001	<b><u>A47K 10 /-</u></b>	2020103978	<b><u>B82Y 15 /-</u></b>	2020103982	2020103774
<b><u>A01N 43 /-</u></b>	2020103977	<b><u>A61P 9 /-</u></b>	2020103344	2020104001	<b><u>C12Q 1 /-</u></b>
2020103966	<b><u>A61B 10 /-</u></b>	2020103998	<b><u>B82Y 40 /-</u></b>	<b><u>C05F 17 /-</u></b>	2020104007
2020104001	2020103968	<b><u>B01D 61 /-</u></b>	2020103996	<b><u>C05F 3 /-</u></b>	2020104011
<b><u>A01N 59 /-</u></b>	<b><u>A61B 17 /-</u></b>	2020104003	<b><u>C01B 19 /-</u></b>	2020103965	<b><u>C14C 11 /-</u></b>
2020103945	2020104004	<b><u>B01D 67 /-</u></b>	2020103996	<b><u>C05G 3 /-</u></b>	2020103986
<b><u>A01N 63 /-</u></b>	<b><u>A61B 5 /-</u></b>	2020104003	<b><u>C01G 11 /-</u></b>	2020103982	<b><u>E01F 9 /-</u></b>
2020103971	2020103968	<b><u>B01D 69 /-</u></b>	2020103344	2020104001	2020104010
2020103973	<b><u>A61B 6 /-</u></b>	2020104003	<b><u>C02F 1 /-</u></b>	2020104016	<b><u>E04B 1 /-</u></b>
2020103974	2020104005	<b><u>B01D 71 /-</u></b>	2020104003	<b><u>C07F 5 /-</u></b>	2020104010
<b><u>A01N 65 /-</u></b>	<b><u>A61D 19 /-</u></b>	2020104003	<b><u>B01J 20 /-</u></b>	2020103995	<b><u>E04C 1 /-</u></b>
2020103945	2020103983	2020104003	2020104003	<b><u>C07K 7 /-</u></b>	2020103969
2020103971	<b><u>A61F 5 /-</u></b>	<b><u>B01L 3 /-</u></b>	2020103774	2020103978	<b><u>E04D 5 /-</u></b>
<b><u>A01P 7 /-</u></b>	2020103968	2020103968	2020103858	<b><u>C08K 13 /-</u></b>	2020103984
2020103966	<b><u>A61K 36 /-</u></b>	2020103994	<b><u>C02F 3 /-</u></b>	2020103986	
<b><u>A22C 17 /-</u></b>	2020103945	2020103998	2020103774		
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2020103975	2020104020	2020104010
<b><u>E04F 13 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>H02J 3 /-</u></b>
2020103981	2020104000	2020104000
<b><u>E04F 19 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>H04L 9 /-</u></b>
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2020104010	2020103993	
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2020103987	2020104020	
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2020103987	2020104000	
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2020103959	2020103985	

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<p>(71) 1441413 Alberta Inc. DBA EPT                      (11) AU-A-2019321074                      (21) 2019321074 (22) 13.08.2019                      (54) Highly porous lubricant conditioning and remediation media                      (51) Int. Cl.  <i>B01J 20/26</i> ( 2006.01 )  <i>B01D 15/00</i> ( 2006.01 )  <i>C10M 175/00</i> ( 2006.01 )  <i>F16N 39/06</i> ( 2006.01 )                      (87) WO2020/035731                      (31) 62/718,638 (32) 14.08.18 (33) US                      (43) 20.02.2020                      (72) HOBBS, Matthew; DUFRESNE Jr., Peter T.                      (74) Phillips Ormonde Fitzpatrick</p>	<p>(54) System and method for automatically delivering criterion-driven messaging                      (51) Int. Cl.  <i>H04L 12/58</i> ( 2006.01 )  <i>G06Q 30/02</i> ( 2012.01 )  <i>H04L 9/32</i> ( 2006.01 )                      (87) WO2020/024037                      (43) 06.02.2020                      (72) LEBLANC, Nola; GAUDREAU, Yves; MILLETTE Jr., Ivan                      (74) Armour IP Pty Ltd</p>	<p>(43) 09.01.2020                      (72) YEO, Hyoungmin; RYU, Byung Ju; IM, Jihwan; LEE, Myungeun; CHOI, Chul-cuy                      (74) Griffith Hack</p>
<p>(71) 3M Innovative Properties Company                      (11) AU-A-2019309736                      (21) 2019309736 (22) 25.07.2019                      (54) Aqueous oral care iodide-containing compositions, methods, and kits                      (51) Int. Cl.  <i>A61K 8/19</i> ( 2006.01 )  <i>A61K 8/21</i> ( 2006.01 )  <i>A61Q 11/00</i> ( 2006.01 )                      (87) WO2020/021494                      (31) 62/703,976 (32) 27.07.18 (33) US                      (43) 30.01.2020                      (72) WANG, Yizhong; YU, Ta-Hua; OXMAN, Joel D.; RUSIN, Richard P.                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AbbVie Inc.                      (11) AU-A-2019315522                      (21) 2019315522 (22) 01.08.2019                      (54) Dosing regimens for elagolix                      (51) Int. Cl.  <i>A61K 31/513</i> ( 2006.01 )  <i>A61P 5/02</i> ( 2006.01 )  <i>A61P 15/00</i> ( 2006.01 )  <i>C07D 239/54</i> ( 2006.01 )                      (87) WO2020/028630                      (31) 62/713,243 (32) 01.08.18 (33) US                      62/719,459 17.08.18 US                      (43) 06.02.2020                      (72) SHEBLEY, Mohamad                      (74) Spruson &amp; Ferguson</p>	<p>(71) Abu Dhabi Polymers Company Ltd. (Borouge) L.L.C.; Borealis AG                      (11) AU-A-2019338649                      (21) 2019338649 (22) 10.09.2019                      (54) Polypropylene composition with excellent stiffness and impact strength                      (51) Int. Cl.  <i>C08L 23/14</i> ( 2006.01 )  <i>C08F 2/00</i> ( 2006.01 )  <i>C08F 4/649</i> ( 2006.01 )  <i>C08F 4/654</i> ( 2006.01 )  <i>C08F 210/06</i> ( 2006.01 )  <i>C08L 23/08</i> ( 2006.01 )  <i>C08L 23/16</i> ( 2006.01 )                      (87) WO2020/053164                      (31) 18193940.6 (32) 12.09.18 (33) EP                      (43) 19.03.2020                      (72) KLIMKE, Katja; VAN CAUWENBERGHE, Hans Jozef Francois                      (74) Golja Haines &amp; Friend</p>
<p>(71) 410 Medical, Inc.                      (11) AU-A-2019321418                      (21) 2019321418 (22) 13.08.2019                      (54) Systems, apparatus, and methods for reducing fluid pressure in a fluid line                      (51) Int. Cl.  <i>A61M 5/145</i> ( 2006.01 )  <i>A61M 5/00</i> ( 2006.01 )  <i>A61M 5/172</i> ( 2006.01 )  <i>A61M 5/48</i> ( 2006.01 )  <i>A61M 39/24</i> ( 2006.01 )                      (87) WO2020/036964                      (31) 62/718,139 (32) 13.08.18 (33) US                      (43) 20.02.2020                      (72) LANE, Andrew W.; CARLSEN, Savannah; ROBERTSON, Galen C.; PIEHL, Mark D.; LATHAM, Stephen; RODENKIRCH, Douglas; DARLEY, Jesse; IRWIN, Curtis; CHOURASIA, Amrish                      (74) RnB IP Pty Ltd</p>	<p>(71) ABEC, INC.                      (11) AU-A-2019311160                      (21) 2019311160 (22) 26.07.2019                      (54) Disposable containers and reaction systems                      (51) Int. Cl.  <i>C12M 1/00</i> ( 2006.01 )  <i>C12M 1/34</i> ( 2006.01 )                      (87) WO2020/023834                      (31) 62/711,264 (32) 27.07.18 (33) US                      62/722,626 24.08.18 US                      62/749,809 24.10.18 US                      (43) 30.01.2020                      (72) RUDOLPH, Eric; SILVERBERG, Pete                      (74) Dark IP</p>	<p>(71) Abyssal S.A.                      (11) AU-A-2018435825                      (21) 2018435825 (22) 08.08.2018                      (54) System and method of operation for remotely operated vehicles leveraging synthetic data to train machine learning models                      (51) Int. Cl.  <i>G09B 9/06</i> ( 2006.01 )  <i>G05D 1/06</i> ( 2006.01 )  <i>G06T 19/00</i> ( 2011.01 )                      (87) WO2020/030950                      (43) 13.02.2020                      (72) PARENTE DA SILVA, Manuel Alberto; VENDAS DA COSTA, Pedro Miguel                      (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) 9378-7570 Québec Inc D.B.A. Wink.Love                      (11) AU-A-2018435241                      (21) 2018435241 (22) 01.08.2018</p>	<p>(71) ABL Co.,Ltd                      (11) AU-A-2019298797                      (21) 2019298797 (22) 02.07.2019                      (54) Method for preparing chlorophyll-containing extract                      (51) Int. Cl.  <i>A61K 36/899</i> ( 2006.01 )  <i>A23L 33/105</i> ( 2016.01 )  <i>A61K 31/409</i> ( 2006.01 )  <i>A61K 35/748</i> ( 2015.01 )  <i>A61K 36/02</i> ( 2006.01 )                      (87) WO2020/009422                      (31) 10-2018-0078919 (32) 06.07.18 (33) KR</p>	<p>(71) Abyssal S.A.                      (11) AU-A-2018436278                      (21) 2018436278 (22) 08.08.2018                      (54) System and method of operation for remotely operated vehicles with improved position estimation                      (51) Int. Cl.  <i>G06T 15/00</i> ( 2011.01 )                      (87) WO2020/030948                      (43) 13.02.2020                      (72) VENDAS DA COSTA, Pedro Miguel; PARENTE DA SILVA, Manuel Alberto                      (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>

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*B62D 15/02* (2006.01)  
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A61P 1/14 ( 2006.01 )
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A23J 1/00 ( 2006.01 )  
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C11B 9/00 ( 2006.01 )
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C07K 16/00 ( 2006.01 )  
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A61L 24/10 ( 2006.01 )  
C07K 14/78 ( 2006.01 )  
C08G 65/02 ( 2006.01 )  
C08G 77/20 ( 2006.01 )  
C08G 77/46 ( 2006.01 )  
C08J 3/075 ( 2006.01 )  
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(54) Resilin material footwear and fabrication methods  
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C09J 101/02 ( 2006.01 )  
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A01G 7/00 ( 2006.01 )  
A01G 9/20 ( 2006.01 )  
F24S 20/20 ( 2018.01 )  
H02S 10/20 ( 2014.01 )  
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**(74)** Acacia Law

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**(11)** AU-A-2019297327  
**(21)** 2019297327 **(22)** 02.07.2019  
**(54)** FGF21 formulations  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/26** ( 2006.01 )  
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**(72)** PALM, Thomas; KHOSSRAVI, Mehrnaz; PATKE, Sanket  
**(74)** AJ PARK

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**(11)** AU-A-2019299358  
**(21)** 2019299358 **(22)** 02.07.2019  
**(54)** Methods of producing recombinant proteins  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**(87)** WO2020/010080  
**(31)** 62/693,606 **(32)** 03.07.18 **(33)** US  
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**(72)** XU, Jianlin; YONGKY, Andrew; TIAN, Jun; BORYS, Michael C.; LI, Zhengjian  
**(74)** AJ PARK

**(71)** BWAY Corporation  
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**(54)** Container with nestable structure  
**(51)** Int. Cl.  
**B65D 21/02** ( 2006.01 )  
**B65D 21/04** ( 2006.01 )  
**B65D 90/02** ( 2019.01 )  
**B65G 1/00** ( 2006.01 )  
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**(31)** 62/694,262 **(32)** 05.07.18 **(33)** US  
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**(72)** LUBURIC, Frano  
**(74)** FB Rice Pty Ltd

**(71)** C.S. Gent & Sons Ltd  
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**(21)** 2019322411 **(22)** 24.07.2019  
**(54)** Apparatus for clearing trash from a soil surface  
**(51)** Int. Cl.  
**A01B 35/16** ( 2006.01 )  
**A01B 49/06** ( 2006.01 )  
**A01C 5/06** ( 2006.01 )  
**A01C 19/04** ( 2006.01 )  
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**(31)** 1813428.8 **(32)** 17.08.18 **(33)** GB

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**(72)** GENT, Anthony  
**(74)** James & Wells Intellectual Property

**(71)** Cardomon International Limited  
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**(21)** 2019309335 **(22)** 18.07.2019  
**(54)** A liquid dispenser for dispensing water and a flavored beverage  
**(51)** Int. Cl.  
**B67D 1/00** ( 2006.01 )  
**A47J 31/40** ( 2006.01 )  
**B67D 1/07** ( 2006.01 )  
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**(43)** 30.01.2020  
**(72)** WALTON, Philip A.; RIVARD, Dennis Laurier; SMITH, Andrew  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Carl Zeiss AG  
**(11)** AU-A-2019309552  
**(21)** 2019309552 **(22)** 29.07.2019  
**(54)** Method and data-processing system for synthesizing images  
**(51)** Int. Cl.  
**G06T 15/20** ( 2011.01 )  
**G06T 15/50** ( 2011.01 )  
**H04N 5/272** ( 2006.01 )  
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**(43)** 30.01.2020  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Caterpillar Inc.  
**(11)** AU-A-2019310312  
**(21)** 2019310312 **(22)** 24.06.2019  
**(54)** 3D printed staged filtration media packs  
**(51)** Int. Cl.  
**B01D 29/46** ( 2006.01 )  
**B01D 39/16** ( 2006.01 )  
**B01D 46/00** ( 2006.01 )  
**B01D 46/40** ( 2006.01 )  
**B29C 64/10** ( 2017.01 )  
**B33Y 80/00** ( 2015.01 )  
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**(31)** 16/042,176 **(32)** 23.07.18 **(33)** US  
**(43)** 30.01.2020  
**(72)** RODRIGUEZ, Javier A.; MOREHOUSE III, Darrell L.; SPENGLER, Philip C.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** CDx Medical IP, Inc.  
**(11)** AU-A-2019312657  
**(21)** 2019312657 **(22)** 01.08.2019  
**(54)** Enhanced extended depth of focusing on biological samples  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**(87)** WO2020/028648  
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**(72)** RUTENBERG, Mark; SCOTT, Richard; TJON, Robert; SELTZER, Paul  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** Cellix Bio Private Limited  
**(11)** AU-A-2019313484  
**(21)** 2019313484 **(22)** 09.07.2019  
**(54)** Compositions and methods for the treatment of cancer  
**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**C07D 239/47** ( 2006.01 )  
**C07D 407/04** ( 2006.01 )  
**C07H 19/06** ( 2006.01 )  
**(87)** WO2020/026054  
**(31)** 201841029367 **(32)** 03.08.18 **(33)** IN  
**(43)** 06.02.2020  
**(72)** KANDULA, Mahesh  
**(74)** Griffith Hack

**(71)** Cellphire, Inc.  
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**(21)** 2019310587 **(22)** 26.07.2019  
**(54)** Cryopreserved platelet compositions and methods for making  
**(51)** Int. Cl.  
**A61K 35/14** ( 2015.01 )  
**A61K 35/16** ( 2015.01 )  
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**(31)** 62/711,193 **(32)** 27.07.18 **(33)** US  
**(43)** 30.01.2020  
**(72)** KUHN, Benjamin J.; AMOS, Stephen Edward; JORDA, Rafael  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(21)** 2019305653 **(22)** 19.07.2019  
**(54)** A method of generating sterile progeny  
**(51)** Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**A01K 67/033** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
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**(43)** 23.01.2020  
**(72)** LAUTH, Xavier Christophe; BUCHANAN, John Terrell  
**(74)** FPA Patent Attorneys Pty Ltd

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**(11)** AU-A-2019319245  
**(21)** 2019319245 **(22)** 12.08.2019  
**(54)** A method of generating sterile and monosex progeny  
**(51)** Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**A01K 67/033** ( 2006.01 )  
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 ive and antibody  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
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**C07D 215/233** ( 2006.01 )  
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 Baiyong; WANG, Zhongmin Maxwell;  
 HAN, Baohui; CHU, Tianqing; ZHONG,  
 Hua; LI, Rong  
 (74) Madderns Pty Ltd
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 (21) 2019321847 (22) 23.07.2019  
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 vegetable juice with pichia kluyveri  
 yeast  
 (51) Int. Cl.  
**A23L 2/70** ( 2006.01 )  
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**C12R 1/84** ( 2006.01 )  
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 (21) 2019293777 (22) 28.06.2019  
 (54) Pharmaceutical composition containing  
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 (51) Int. Cl.  
**A61K 31/5377** ( 2006.01 )  
**A61K 9/20** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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**A61P 35/04** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
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 device for directing communications to  
 another device  
 (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )  
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 (72) CAO, Lei  
 (74) FB Rice Pty Ltd
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 (54) Systems and methods for unified end  
 point management for vehicles  
 (51) Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06Q 50/30** ( 2012.01 )  
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 (74) AJ PARK
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 (21) 2019291790 (22) 25.06.2019  
 (54) Expandable panniers  
 (51) Int. Cl.  
**B62J 9/00** ( 2020.01 )  
**A45C 7/00** ( 2006.01 )  
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 (74) CreatelP
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 or feed production  
 (51) Int. Cl.  
**C12N 9/16** ( 2006.01 )  
**A23K 10/00** ( 2016.01 )  
**A23K 20/189** ( 2016.01 )  
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 Werner; CLAREN, Jörg; O'CONNELL,  
 Timothy; SCHATTE, Martin; REISING-  
 ER, Christoph  
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 (51) Int. Cl.  
**H02S 20/22** ( 2014.01 )  
**E06B 3/24** ( 2006.01 )  
**E06B 3/64** ( 2006.01 )  
**E06B 3/66** ( 2006.01 )  
**H01L 31/04** ( 2014.01 )  
**H02S 30/10** ( 2014.01 )  
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 HARMER, Kim  
 (74) Griffith Hack
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 (21) 2019307236 (22) 27.06.2019  
 (54) A device for generating electricity  
 (51) Int. Cl.  
**H02S 40/36** ( 2014.01 )  
**H01R 12/72** ( 2011.01 )  
**H01R 35/04** ( 2006.01 )  
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 HARMER, Kim  
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 GmbH  
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 blast furnace slag and solid alkali metal  
 silicate  
 (51) Int. Cl.  
**C04B 28/26** ( 2006.01 )  
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 or fluid from a living mammal  
 (51) Int. Cl.  
**A61F 7/00** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd
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**A61P 29/00** ( 2006.01 )  
**A61K 31/336** ( 2006.01 )  
**C07C 15/04** ( 2006.01 )  
**C07D 207/46** ( 2006.01 )  
**C07D 303/32** ( 2006.01 )  
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 (54) Electrosurgical instrument  
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**A61B 18/18** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick
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 (51) Int. Cl.  
**B66F 9/075** ( 2006.01 )  
**B60L 3/08** ( 2006.01 )  
**B60P 1/02** ( 2006.01 )  
**B60W 40/13** ( 2012.01 )  
**B66F 17/00** ( 2006.01 )  
**G01G 19/08** ( 2006.01 )  
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**C12Q 1/6834** ( 2018.01 )  
**G01N 33/50** ( 2006.01 )  
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 (74) FB Rice Pty Ltd
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 (21) 2019314353 (22) 30.07.2019  
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 (51) Int. Cl.  
**C02F 9/00** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
**C02F 1/42** ( 2006.01 )  
**C02F 1/44** ( 2006.01 )  
**C02F 1/68** ( 2006.01 )  
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**A61K 6/00** ( 2020.01 )  
**A61K 6/17** ( 2020.01 )  
**A61K 6/54** ( 2020.01 )  
**A61K 6/838** ( 2020.01 )  
**A61K 6/864** ( 2020.01 )  
**A61K 8/00** ( 2006.01 )  
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**C07D 401/12** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2019318910
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 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12P 21/02** ( 2006.01 )  
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 (51) Int. Cl.  
**H04M 11/00** ( 2006.01 )  
**H04W 76/10** ( 2018.01 )  
**H04W 84/12** ( 2009.01 )  
**H04W 92/08** ( 2009.01 )  
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 (21) 2019346595 (22) 26.09.2019  
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 (51) Int. Cl.  
**C07D 491/18** ( 2006.01 )  
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 (21) 2019348006 (22) 26.09.2019  
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 (51) Int. Cl.  
**A61K 31/519** ( 2006.01 )  
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(54) Compositions for the treatment of graft versus host disease  
(51) Int. Cl.  
A61K 31/01 ( 2006.01 )  
A61K 45/00 ( 2006.01 )  
A61P 1/00 ( 2006.01 )  
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(31) 18187409.0 (32) 05.08.18 (33) EP  
(43) 13.02.2020  
(72) DE GUNZBURG, Jean  
(74) Davies Collison Cave Pty Ltd
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(21) 2019321669 (22) 16.08.2019  
(54) Medical pump  
(51) Int. Cl.  
A61M 5/142 ( 2006.01 )  
A61M 5/145 ( 2006.01 )  
A61M 39/28 ( 2006.01 )  
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(31) 62/765,100 (32) 16.08.18 (33) US  
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(74) HENRY HUGHES IP LTD
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(11) AU-A-2019308882  
(21) 2019308882 (22) 22.07.2019  
(54) Device and method for upending a tubular element with a longitudinal direction from a support surface at an outer end  
(51) Int. Cl.  
E04H 12/34 ( 2006.01 )  
B66C 1/66 ( 2006.01 )  
B66F 9/18 ( 2006.01 )  
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(31) 2018/5541 (32) 26.07.18 (33) BE  
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2019311225  
(21) 2019311225 (22) 18.07.2019  
(54) Hoisting block for a crane  
(51) Int. Cl.  
B66C 1/34 ( 2006.01 )  
B66C 23/52 ( 2006.01 )  
B66D 3/04 ( 2006.01 )  
(87) WO2020/020744  
(31) 2018/5544 (32) 27.07.18 (33) BE  
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B66C 1/56 ( 2006.01 )  
B66F 9/18 ( 2006.01 )  
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A61C 17/22 ( 2006.01 )  
A46B 9/04 ( 2006.01 )  
A46D 3/00 ( 2006.01 )  
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**B65D 81/34** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**H01J 49/04** ( 2006.01 )  
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**B65D 77/32** ( 2006.01 )  
**B65D 77/36** ( 2006.01 )  
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**B65D 77/40** ( 2006.01 )  
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**B01D 53/14** ( 2006.01 )  
**B01D 53/52** ( 2006.01 )  
**C10G 29/20** ( 2006.01 )  
**C10G 29/24** ( 2006.01 )  
**C10L 1/14** ( 2006.01 )  
**C10L 3/10** ( 2006.01 )  
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C40B 40/06 ( 2006.01 )  
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 B29C 44/12 (2006.01)  
 B29C 44/34 (2006.01)  
 B29D 99/00 (2010.01)  
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 B29K 25/00 (2006.01)
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 B29C 44/12 (2006.01)  
 B29C 44/34 (2006.01)  
 B29D 99/00 (2010.01)  
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 B29K 25/00 (2006.01)  
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**G10L 21/00** ( 2013.01 )  
**H04R 3/00** ( 2006.01 )  
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**A61K 31/167** ( 2006.01 )  
**A61L 27/52** ( 2006.01 )  
**C08B 37/08** ( 2006.01 )  
**C08L 5/08** ( 2006.01 )  
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**C07K 16/46** ( 2006.01 )  
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 A61M 11/00 ( 2006.01 )  
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 A61K 31/192 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 C07C 59/64 ( 2006.01 )  
 C07C 311/14 ( 2006.01 )  
 C07D 209/08 ( 2006.01 )  
 C07D 209/44 ( 2006.01 )  
 C07D 213/71 ( 2006.01 )  
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 C07D 217/08 ( 2006.01 )  
 C07D 277/24 ( 2006.01 )  
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 A61L 2/02 ( 2006.01 )  
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 D04H 1/64 ( 2012.01 )  
 D04H 1/68 ( 2012.01 )  
 D21F 11/00 ( 2006.01 )  
 D21H 11/12 ( 2006.01 )  
 D21H 13/08 ( 2006.01 )  
 D21H 13/10 ( 2006.01 )  
 D21H 17/24 ( 2006.01 )  
 D21H 17/35 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 C08G 18/08 ( 2006.01 )  
 C08G 18/12 ( 2006.01 )  
 C08G 18/18 ( 2006.01 )  
 C08G 18/28 ( 2006.01 )  
 C08G 18/32 ( 2006.01 )  
 C08G 18/34 ( 2006.01 )  
 C08G 18/42 ( 2006.01 )  
 C08G 18/48 ( 2006.01 )  
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 C08L 75/14 ( 2006.01 )  
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**(11)** AU-A-2019305122  
**(21)** 2019305122      **(22)** 17.06.2019  
**(54)** Systems and methods of working a field  
 and determining a location of imple-  
 ments within a field  
**(51)** Int. Cl.  
**A01B 69/00** ( 2006.01 )  
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**(54)** Geolocation system  
**(51)** Int. Cl.  
**H04W 4/02** ( 2018.01 )  
**G01S 5/02** ( 2010.01 )  
**H04L 29/08** ( 2006.01 )  
**H04W 4/33** ( 2018.01 )  
**H04W 88/08** ( 2009.01 )  
**H04W 64/00** ( 2009.01 )  
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**(54)** Novel autophagy-targeting chimera  
 (AUTOTAC) compound, and composi-  
 tion for preventing, alleviating, or treat-  
 ing diseases through target protein de-  
 gradation comprising same  
**(51)** Int. Cl.  
**C07C 237/20** ( 2006.01 )  
**A61K 31/165** ( 2006.01 )  
**A61K 31/336** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**C07D 263/44** ( 2006.01 )  
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 in metallic pipe  
**(51)** Int. Cl.  
**G01N 27/83** ( 2006.01 )  
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 KONG, Xiangjie  
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**(11)** AU-A-2019320557  
**(21)** 2019320557      **(22)** 06.08.2019  
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 visual signals relating to a plurality of  
 laboratory sample carriers  
**(51)** Int. Cl.  
**B01L 9/00** ( 2006.01 )  
**G01N 35/04** ( 2006.01 )  
**G06K 17/00** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
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 processing  
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**H04N 19/117** ( 2014.01 )  
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**(54)** Method and system for sample identity  
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**(51)** Int. Cl.  
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**G16B 20/40** ( 2019.01 )  
**G16B 20/50** ( 2019.01 )  
**G16B 25/00** ( 2019.01 )  
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**(54)** Agricultural control and interface sys-  
 tem  
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**A01B 69/00** ( 2006.01 )  
**A01B 69/04** ( 2006.01 )  
**A01D 41/127** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
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 THOMPSON, Bruce; TIBOUT, Marc Ro-  
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 Joshua James; WELBIG, Paul  
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**(21)** 2019308290      **(22)** 18.07.2019  
**(54)** Chimeric antigen receptors with BCMA  
 specificity and uses thereof  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 35/02** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
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(51) Int. Cl.  
C12Q 1/37 ( 2006.01 )  
G01N 33/68 ( 2006.01 )  
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G01N 33/68 ( 2006.01 )  
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(51) Int. Cl.  
G01N 33/543 ( 2006.01 )  
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(54) Platform for developing soil-borne plant pathogen inhibiting microbial consortia  
(51) Int. Cl.  
A01N 63/00 ( 2020.01 )  
C12N 15/10 ( 2006.01 )  
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**C07D 305/14** ( 2006.01 )  
**A61K 47/60** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C08G 69/10** ( 2006.01 )  
**C08G 83/00** ( 2006.01 )  
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**A23G 3/34** ( 2006.01 )  
**A23G 3/26** ( 2006.01 )  
**B01J 2/00** ( 2006.01 )  
**B01J 2/12** ( 2006.01 )  
**B05B 13/02** ( 2006.01 )  
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 G06Q 10/06 (2012.01)  
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 A61K 8/49 (2006.01)  
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 A01H 1/06 (2006.01)  
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 A01H 5/10 (2018.01)  
 A01H 5/12 (2018.01)  
 A01H 6/14 (2018.01)  
 A23L 27/00 (2016.01)  
 A61K 47/26 (2006.01)  
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 H01R 4/2408 (2018.01)  
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 H02G 15/00 (2006.01)  
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**A61B 5/00** (2006.01)  
**G01J 3/00** (2006.01)  
**G01J 3/28** (2006.01)  
**G01N 21/00** (2006.01)  
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**A61L 24/02** (2006.01)  
**A61L 27/12** (2006.01)  
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**C08J 9/28** (2006.01)  
**C08G 65/32** (2006.01)  
**C08L 71/02** (2006.01)  
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**A01G 23/08** (2006.01)  
**B66C 13/12** (2006.01)  
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**B42D 25/41** (2014.01)  
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**G06F 21/34** (2013.01)  
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**C12N 1/21** (2006.01)  
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**C12P 21/02** (2006.01)  
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C07C 2/74 ( 2006.01 )  
C07C 2/00 ( 2006.01 )  
C07C 7/09 ( 2006.01 )  
C07C 7/11 ( 2006.01 )  
C07C 7/144 ( 2006.01 )  
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A61B 5/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C12Q 1/68 ( 2018.01 )  
G01N 33/50 ( 2006.01 )  
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A01K 61/90 ( 2017.01 )  
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B65G 41/00 ( 2006.01 )  
B60D 1/42 ( 2006.01 )  
B65G 21/10 ( 2006.01 )  
E02F 7/00 ( 2006.01 )  
E04G 21/04 ( 2006.01 )  
E21F 13/08 ( 2006.01 )  
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B65G 15/24 ( 2006.01 )  
E21F 13/02 ( 2006.01 )  
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F21V 17/10 ( 2006.01 )  
F21W 131/103 ( 2006.01 )  
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C07K 14/47 ( 2006.01 )  
A61K 48/00 ( 2006.01 )  
C12N 15/113 ( 2010.01 )  
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A61B 5/08 ( 2006.01 )  
A61B 5/087 ( 2006.01 )  
A61B 5/097 ( 2006.01 )  
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C07K 14/47 ( 2006.01 )  
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2018429655	Tigercat Industries Inc.	2019296521	VILLIS, M.; BALNAVES, P.
2018429762	Citrix Systems, Inc.	2019297321	Ayuviz Research, Inc.
2018429997	Arla Foods Amba	2019297327	Bristol-Myers Squibb Company
2018430758	Hangzhou DAC Biotech Co., Ltd	2019297367	Saab dynamics AB
2018431320	Telefonaktiebolaget LM Ericsson (Publ)	2019297427	Schneider Electric USA, Inc.
2018431394	Telefonaktiebolaget LM Ericsson (publ)	2019297499	Borregaard AS
2018434700	Prysmian S.p.A.	2019297538	BWAY Corporation
2018434907	Power Gripps USA, Inc	2019297839	The Yokohama Rubber Co., Ltd.
2018435241	9378-7570 Québec Inc D.B.A. Wink.Love	2019297889	Daiichi Sankyo Company, Limited
2018435480	Fivecast Pty Ltd	2019298750	Imperial College of Science, Technology and Medicine
2018435607	Sorin Group Italia S.r.l.	2019298797	ABL Co.,Ltd
2018435825	Abyssal S.A.	2019299358	Bristol-Myers Squibb Company
2018436002	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019299552	Schneider Electric USA, Inc.
2018436195	Shanghai Benemae Pharmaceutical Corporation	2019299662	Eh Group Engineering Ag
2018436278	Abyssal S.A.	2019299863	Vale S.A.
2018436279	Abyssal S.A.	2019299935	Momenta Pharmaceuticals, Inc.
2018436322	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.	2019299973	Momenta Pharmaceuticals, Inc.
2018436495	Abyssal S.A.	2019299980	Raven Industries, Inc.
2018437560	KREČA, I.	2019300020	Momenta Pharmaceuticals, Inc.
2018439389	Novo Nordisk A/S	2019300306	International Plant Propagation Technology Limited
2018440927	Latvian Institute of Organic Synthesis	2019300406	Paptic Oy
2018453343	Halliburton Energy Services, Inc.	2019300566	Plaqless Ltd
2019279939	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.	2019300853	Norwood Architecture, Inc.
2019279968	BOE Technology Group Co., Ltd.	2019300933	Clearvue Technologies Ltd
2019279972	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.	2019301128	Dignify Therapeutics, LLC
2019288674	Moffett AI, Inc.	2019301316	Kahr Medical Ltd.
2019288752	Medtronic, Inc.	2019301318	Plaqless Ltd
2019291054	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2019301672	Boudeman, J.; Boudeman, J.
2019291074	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.; Friedrich-Alexander-Universität Erlangen-Nuernberg	2019301684	Momenta Pharmaceuticals, Inc.
2019291790	Civilized Cycles Incorporated	2019301698	Momenta Pharmaceuticals, Inc.
2019291837	SunFly Brands, Inc.	2019301699	Actym Therapeutics, Inc.
2019291869	Niantic, Inc.	2019301719	Flat Planet Limited
2019291907	Grail, Inc.	2019301755	A-Dec, Inc.
2019291926	Rady Children's Hospital Research Center	2019301819	Berkeley Lights, Inc.
2019291955	Platelet Biogenesis, Inc.	2019301845	Suez Groupe
2019292029	Halo Smart Solutions, Inc.	2019302278	SUZOHAPP Canada ULC; Scan Coin AB
2019292191	Niantic, Inc.	2019302676	Treace Medical Concepts, Inc.
2019292207	Oscotec Inc.	2019302740	Momenta Pharmaceuticals, Inc.
2019292271	LG Electronics Inc.	2019302997	AZAD Pharma AG
2019292315	Omega Life Science Ltd.	2019303830	Stanley Black & Decker MEA FZE
2019292333	Global Designs Co	2019304066	Neste Oyj
2019292378	LG Electronics Inc.	2019305086	The Board Of Trustees Of The Leland Stanford Junior University
2019292668	Light Bio, Inc.	2019305122	Precision Planting LLC
2019292863	Paradise Honey Oy	2019305221	Helixmith Co., Ltd.
2019293144	Wattbike IP Limited	2019305223	Duke University
2019293240	TE Connectivity Corporation	2019305433	Dental Robotics Group B.V.
2019293529	SITA Information Networking Computing USA, Inc.	2019305653	Center for Aquaculture Technologies, Inc.
2019293618	Incyte Corporation	2019305857	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2019293777	Chugai Seiyaku Kabushiki Kaisha	2019306392	LG Electronics Inc.
2019294109	Gen-Probe Incorporated	2019306552	Invista Textiles (U.K) Limited
2019294573	REJUVENATE BIOMED	2019306745	Starpharma Pty Ltd
2019294617	SentiAR, Inc.	2019306752	PolyAnalytik Inc.
2019294819	Cornell University	2019307236	Clearvue Technologies Ltd
2019295064	Arla Foods Amba	2019307629	Hillstream BioPharma Inc.
2019295211	Curasept A.D.S. S.R.L.	2019307792	Ste Tecpharm, S.L.
2019295349	Nextresearch S.R.L.	2019307870	PPG Industries Ohio, Inc.
2019295701	KHANANIA, S.	2019307880	Bolt Threads Inc.
2019295731	Equinox Ophthalmic, Inc.	2019308008	Umitron Pte. Ltd.
2019295776	GE Nutrients, Inc.	2019308282	Bolt Threads, Inc.
2019295781	ILLUMINATE CONSULTING, LLC	2019308290	Regeneron Pharmaceuticals, Inc.
		2019308493	Huawei Technologies Co., Ltd.
		2019308722	Association pour la Recherche et le Developpement des Methodes et Processus Industriels "ARMINES"
		2019308805	Medacta International SA
		2019308882	Deme Offshore Be N.V.
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2019309335	Cardomon International Limited	2019314452	Kite Pharma, Inc
2019309366	MedImmune, LLC; Humabs BioMed SA	2019314453	SIEGENTHALER, M.
2019309381	Orthophor, LLC	2019314475	The Regents of the University of Colorado a Body Corporate
2019309528	Schlumberger Technology B.V.		
2019309552	Carl Zeiss AG	2019314653	Bayer Aktiengesellschaft
2019309587	University of Exeter	2019314762	Membrane Systems Australia Pty Ltd
2019309736	3M Innovative Properties Company	2019314888	polybiocept GmbH
2019309755	Reliance Worldwide Corporation	2019314968	Bayer Aktiengesellschaft
2019309777	Motorola Solutions, Inc.	2019315163	Sharp Kabushiki Kaisha; FG Innovation Company Limited
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2019309858	Adkison, D.	2019315334	Dyze Design Inc
2019309870	Lexent Bio, Inc.	2019315440	University of Southern California
2019309920	Gates Corporation, a Delaware corporation	2019315447	Ocean Cleaner, LLC
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2019309934	ATR THRIVE, LLC	2019315522	AbbVie Inc.
2019309942	Ohio State Innovation Foundation	2019315602	The United States of America, as represented by The Secretary, Department of Health and Human Services; Trustees of Dartmouth College
2019310039	EnClear Therapies, Inc.		
2019310043	HEARD, I.K.; HENDERSON, S.	2019315713	Imophoron Ltd.
2019310103	Southwire Company, LLC	2019315764	BARATAM, P.
2019310312	Caterpillar Inc.	2019315807	Shire-Nps Pharmaceuticals Inc.
2019310451	Glasstech, Inc.	2019315862	Arylessence Inc.
2019310459	Voyager Therapeutics, Inc.	2019315957	TARIS Biomedical LLC
2019310587	Cellphire, Inc.	2019316115	GORDON, D.J.
2019310993	Augmenta, LLC	2019316142	Creo Medical Limited
2019311015	Ripple Biosolutions LLC	2019316258	University of North Texas; InspectIR Systems, LLC
2019311114	Regents of The University of Minnesota	2019316286	Ibrum Technologies
2019311160	ABEC, INC.	2019316475	LG Electronics Inc.
2019311181	Research Development Foundation	2019316496	Axis Innovation Pty Ltd
2019311182	Schlumberger Technology B.V.	2019316515	Ibis Power Holding B.V.
2019311225	Deme Offshore Be N.V.	2019316537	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2019311332	Lightpoint Medical, Ltd		
2019311358	Medacta International SA	2019316556	PML Screening, LLC; Université Paris-Saclay; The Assistance Publique - Hôpitaux De Paris (APHP); The Institut National De La Santé Et De La Recherche Médicale (INSERM)
2019312065	Protech Co., Ltd.		
2019312089	Synhelion SA; ENI S.p.A.	2019316800	Mentor Worldwide LLC
2019312116	MED-EL Elektromedizinische Geraete GmbH	2019316815	SpeeDx Pty Ltd
2019312152	Omniome, Inc.	2019317066	Modalis Therapeutics Corporation
2019312209	Med-El Elektromedizinische Geraete GmbH	2019317229	Eutilex Co.,Ltd
2019312292	CoolTech, LLC	2019317625	Aclaris Therapeutics, Inc.
2019312301	Regenxbio Inc.; The Nemours Foundation	2019317754	Genethon; Institut National de la Sante et de la Recherche Medicale; Sorbonne Université; Universite D'evry
2019312376	Advanced Drainage Systems, Inc.		
2019312592	Microbion Corporation	2019317924	Toppan Printing Co., Ltd.
2019312657	CDx Medical IP, Inc.	2019318070	Regeneron Pharmaceuticals, Inc.
2019312668	SharkNinja Operating LLC	2019318105	Pure Technologies Ltd.
2019312814	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2019318439	Underground Extraction Technologies Pty Ltd
2019312823	Vogelsang GmbH & Co. KG	2019318910	Daiichi Sankyo Company, Limited
2019312831	Imcheck Therapeutics SAS; Institut National de la Sante et de la Recherche Medicale (INSERM); Université Aix Marseille; Institut Jean Paoli & Irene Calmettes; Centre National de la Recherche Scientifique - CNRS -	2019319024	Merz Pharma GmbH & Co. KgaA
		2019319032	F. Hoffmann-La Roche AG
2019312917	Wool Research Organisation of New Zealand Incorporated	2019319045	Metabolic Explorer
		2019319095	Nokia Technologies Oy
2019313082	Ono Pharmaceutical Co., Ltd.	2019319245	Center for Aquaculture Technologies, Inc.
2019313083	Suntory Holdings Limited	2019319298	Southern Methodist University; Retina Foundation of The Southwest
2019313170	LG Electronics Inc.		
2019313283	Citrix Systems, Inc.	2019319670	Illinois Tool Works Inc.
2019313352	The General Hospital Corporation	2019319836	Reva Medical, LLC
2019313410	SEW-EURODRIVE GmbH & Co. KG	2019319901	Life Technologies Corporation
2019313444	Amgen Research; Amgen Inc.	2019319907	Valo Early Discovery, Inc.
2019313456	Bayer Aktiengesellschaft	2019320032	Daikin Industries, Ltd.
2019313484	Cellix Bio Private Limited	2019320175	Watanabe Oyster Laboratory, Co., Ltd.
2019313854	The University of Tokyo	2019320399	Clariant Produkte (Deutschland) GmbH
2019313902	Toray Industries, Inc.	2019320483	Da Volterra
2019314075	LG Electronics Inc.	2019320487	Naturex S.A.
2019314077	LG Electronics Inc.	2019320488	Naturex S.A.
2019314097	FNV IP B.V.	2019320546	European Molecular Biology Laboratory
2019314208	Editas Medicine, Inc.		

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2019320557	Pyramid Innovation Ltd	2019338943	advanceCOR GmbH
2019320723	Exxonmobil Upstream Resarch Company (EMCH-N1.4A.607)	2019339182	Construction Research & Technology GmbH
2019320727	University of Washington	2019339489	AgJunction LLC
2019320734	Gruma S.A.B. de C.V.	2019340354	Hilti Aktiengesellschaft
2019320736	Nordson Corporation	2019340667	Crown Equipment Corporation
2019320814	Regeneron Pharmaceuticals, Inc.	2019340821	Société des Produits Nestlé S.A..
2019320978	Nordiska Truss AB	2019341456	Hilti Aktiengesellschaft
2019321019	Subsea 7 Norway AS	2019342351	Hilti Aktiengesellschaft
2019321074	1441413 Alberta Inc. DBA EPT	2019342421	Société des Produits Nestlé S.A.
2019321186	GlaxoSmithKline Biologicals SA	2019343148	Fresenius Medical Care Holdings, Inc.; Fresenius Medical Care Deutschland, GmbH
2019321208	Longas Technologies Pty Ltd	2019343280	Hilti Aktiengesellschaft
2019321217	Mexichem Fluor S.A. de C.V.	2019343642	Greenfield Global Inc.
2019321258	DSM IP Assets B.V.; Evonik Operations GmbH	2019343762	Morphpackers Limited
2019321282	Regeneron Pharmaceuticals, Inc.	2019344098	DePuy Synthes Products, Inc.
2019321418	410 Medical, Inc.	2019344992	Plasser & Theurer Export Von Bahnbaumaschinen GmbH
2019321459	Halkey-Roberts Corporation	2019345280	Enlightened, Inc.
2019321490	Inhibrx, Inc.	2019346595	Dana-Farber Cancer Institute, Inc.
2019321635	Smith & Nephew, Inc.; Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew Orthopaedics AG	2019347897	WANdisco, Inc.
2019321669	Deka Products Limited Partnership	2019348006	Dana-Farber Cancer Institute, Inc.
2019321847	Chr. Hansen A/S	2019348055	MacDonald, M.
2019322325	Novartis AG	2019348470	Société des Produits Nestlé S.A.
2019322411	C.S. Gent & Sons Ltd	2019348522	Société Des Produits Nestlé SA
2019322484	AgResearch Limited	2019348718	Steve Leigh & Associates Ltd
2019322780	AgResearch Limited	2019349610	Société des Produits Nestlé S.A.
2019323035	Dizal (Jiangsu) Pharmaceutical Co., Ltd.	2019350444	Société Des Produits Nestlé SA
2019323063	Nordiska Truss AB	2019350588	Apple Inc.
2019323435	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2019353367	Mitsubishi Tanabe Pharma Corporation
2019324155	Sierra Oncology, Inc.	2019354418	E. I. Du Pont De Nemours And Company
2019324170	SEAGEN, INC.	2019361191	PricewaterhouseCoopers LLP
2019324316	Ocean Sun AS	2019365382	F. Hoffmann-La Roche AG
2019324447	Nov Subsea Products AS	2019369301	salesforce.com, inc.
2019324554	Innospec Limited	2019370704	Global Life Sciences Solutions USA LLC
2019324588	O&M Halyard, Inc.	2019371362	WANdisco, Inc.
2019324724	Shinshu University; Kotobuki Holdings Co., Ltd.	2019371560	Unilumin Group Co., Ltd.
2019325080	AgResearch Limited	2019372717	Komatsu Ltd.
2019325306	Xeniopro GmbH	2019372743	Dolphin Care ApS
2019325343	Zoetis Services LLC	2019388605	HVRT Corp.
2019325373	Innospec Limited	2019396954	Swiftech Company Ltd.
2019325400	Pfizer Inc.	2019432462	Shenzhen Elemex Technology, Ltd
2019325546	Land O'Lakes, Inc.	2019443820	ZTE Corporation
2019325589	Transform Materials LLC	2019453386	Metabolic Technologies, Inc.
2019325725	Astrogen Co., Ltd.	2020209521	Gharb, S.
2019326405	Trustees of Boston University; Health Research, Inc.	2020210219	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.
2019326407	BioAtla, Inc.	2020213287	Nantong Egens Biotechnology Co., Ltd
2019326535	Zoetis Services LLC	2020254063	Markovits Rojas, A.; Härting Eckman, S.; Härting Glade, T.F.
2019326647	Zhuhai United Laboratories Co., Ltd.	2020258215	Samsung Electronics Co., Ltd.
2019326767	Xeniopro GmbH	2020277205	Fuzhou Autran Industrial Co.,Ltd.
2019326786	Innospec Limited	2020284271	Beyond Architectural Pty Ltd
2019326915	dormakaba Schweiz AG	2020289832	Bionime Corporation; Bionime USA Corporation
2019328475	DSM IP Assets B.V.	2020293551	SAF-Holland GmbH
2019328662	Belyntic GmbH	2020294356	Bionime Corporation; Bionime USA Corporation
2019329731	Bayer Healthcare LLC	2020294357	Bionime Corporation; Bionime USA Corporation
2019331005	Xenon Pharmaceuticals Inc.	2020294358	Bionime Corporation; Bionime USA Corporation
2019332937	Qualcomm Incorporated		
2019332965	Watt Fuel Cell Corp.		
2019333008	The University Of Sheffield		
2019333018	Acergy France SAS		
2019334433	Norsk Hydro ASA		
2019336197	Pfizer Inc.; The Regents of the University of California		
2019336215	Graphic Packaging International, LLC		
2019336269	Underground Extraction Technologies Pty Ltd		
2019336671	Pipeline Therapeutics, Inc.		
2019338387	Hollister Incorporated		
2019338528	AgJunction LLC		
2019338597	Plasser & Theurer Export von Bahnbaumaschinen GmbH		
2019338622	Siemens Gamesa Renewable Energy A/S		
2019338649	Abu Dhabi Polymers Company Ltd. (Borouge) L.L.C.; Borealis AG		





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<b><u>A61K 36 /-</u></b>		2019321669	2019295776	<b><u>A63B 71 /-</u></b>	
2019298797	<b><u>A61K 51 /-</u></b>	2019329731	2019297889	2018434907	<b><u>B02C 19 /-</u></b>
2019320487	2019319836		2019299973		2019432462
		<b><u>A61N 1 /-</u></b>	2019301316	<b><u>A63G 21 /-</u></b>	
<b><u>A61K 38 /-</u></b>	<b><u>A61K 6 /-</u></b>	2019288752	2019301684	2019396954	<b><u>B02C 23 /-</u></b>
2018429997	2019295211	2019301128	2019301699		2019299863
2019297327		2019312116	2019305857	<b><u>A63G 31 /-</u></b>	2019432462
2019301316	<b><u>A61K 8 /-</u></b>	<b><u>A61P 1 /-</u></b>	2019306745	2019396954	<b><u>B05B 13 /-</u></b>
2019305086	2019291837	2018429997	2019307629		2019307792
2019312301	2019295211	2019320483	2019308290	<b><u>B01D 15 /-</u></b>	
2019315807	2019306752	2019342421	2019308941	2019321074	<b><u>B05B 15 /-</u></b>
2019338943	2019309736	<b><u>A61P 13 /-</u></b>	2019313444	<b><u>B01D 21 /-</u></b>	2019307792
	2019312917	2019295349	2019314888	2019306752	
<b><u>A61K 39 /-</u></b>	<b><u>A61K 9 /-</u></b>	2019295776	2019317229	2019310039	<b><u>B07B 1 /-</u></b>
2018436195	2019293618	2019315957	2019319907		2019296521
2019297321	2019293777		2019321490	<b><u>B01D 29 /-</u></b>	2019312823
2019299973	2019295211	<b><u>A61P 15 /-</u></b>	2019322325	2019310312	<b><u>B21C 23 /-</u></b>
2019300020	2019295349	2019315522	2019323435		
2019301684	2019297327		2019325306	<b><u>B01D 33 /-</u></b>	2019315334
2019301698	2019305221	<b><u>A61P 19 /-</u></b>	2019326405	2019312823	<b><u>B22D 11 /-</u></b>
2019302740	2019307629	2019315807	2019326407	<b><u>B01D 39 /-</u></b>	2019310103
2019305086	2019314475	2019326407	2019326767	2019310312	<b><u>B25B 13 /-</u></b>
2019305223	2019320487	2019326647	2019336197		2019303830
2019305857	2019320488	<b><u>A61P 21 /-</u></b>	2019353367	<b><u>B01D 46 /-</u></b>	<b><u>B25J 9 /-</u></b>
2019308290	<b><u>A61L 2 /-</u></b>	2019294573	<b><u>A61P 37 /-</u></b>	2019310312	2019312668
2019309786	2019309381		2019299935	<b><u>B01D 53 /-</u></b>	
2019312831	2019372743	<b><u>A61P 25 /-</u></b>	<b><u>A61P 43 /-</u></b>	2019309528	<b><u>B27M 3 /-</u></b>
2019313444	<b><u>A61L 24 /-</u></b>	2019293777	2019293777	2019311182	2019323063
2019314452	2019308282	2019305221	2019297889	2019324554	<b><u>B28B 1 /-</u></b>
2019314888	2019333008	2019310459	<b><u>A61P 5 /-</u></b>	2019325373	2019300853
2019315602	<b><u>A61L 27 /-</u></b>	2019312065	2019315522	2019326786	<b><u>B29C 44 /-</u></b>
2019315713	2019319024	2019313082	2019342421	<b><u>B01D 59 /-</u></b>	2019313170
2019321186	2019333008	2019325725	<b><u>A61P 7 /-</u></b>	2019324724	2019316475
2019323435	<b><u>A61L 9 /-</u></b>	2019326407	2018436195	<b><u>B01D 61 /-</u></b>	<b><u>B29C 45 /-</u></b>
2019324170	2019315862	2019331005	<b><u>A61P 9 /-</u></b>	2019314762	2019325343
2019325400	2019372743	2019336671	2019305221	<b><u>B01D 65 /-</u></b>	<b><u>B29C 64 /-</u></b>
2019326407	<b><u>A61M 1 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>A61Q 11 /-</u></b>	2019309528	2019338622
2019353367	2019320727	2019294819	2019309736	2019311182	<b><u>B29D 99 /-</u></b>
<b><u>A61K 45 /-</u></b>	<b><u>A61M 11 /-</u></b>	2019320488	<b><u>A61Q 17 /-</u></b>	201931182	
2019294573	2019292315	<b><u>A61P 3 /-</u></b>	2019291837	<b><u>B01J 2 /-</u></b>	2019310312
2019320483	2019295731	2019294573	<b><u>A61Q 19 /-</u></b>	2019307792	2019315334
2019328475	<b><u>A61M 15 /-</u></b>	2019312065	2019312917	<b><u>B01J 20 /-</u></b>	2019325343
	2019319836	2019328475	<b><u>A61Q 5 /-</u></b>	2019321074	2019326535
<b><u>A61K 47 /-</u></b>	<b><u>A61M 36 /-</u></b>	<b><u>A61P 31 /-</u></b>	2019312917	2019324724	<b><u>B29K 25 /-</u></b>
2019293777	2019319836	2019302997	<b><u>A61Q 19 /-</u></b>	<b><u>B01L 3 /-</u></b>	
2019295349	<b><u>A61M 39 /-</u></b>	2019308941	2019312917	2019301819	2019313170
2019297327	2019319836	2019309366	<b><u>A61Q 5 /-</u></b>	2019325343	2019316475
2019299973	<b><u>A61M 5 /-</u></b>	2019313484	<b><u>A63B 21 /-</u></b>	2019326535	
2019301684	2019321418	2019315602	2018434907	<b><u>B01L 9 /-</u></b>	2019313170
2019305221	2019321669	2019320488	<b><u>A63B 37 /-</u></b>	2019320557	2019316475
2019306745	<b><u>A61M 5 /-</u></b>	2019321186			
2019306752	2019321418	2019325400			
2019312065		<b><u>A61P 35 /-</u></b>			
2019312301		2018430758			
2019313083		2018440927			
2019319836		2019293777			
2019320487					
<b><u>A61K 48 /-</u></b>					
2019305221					
2019309587					
<b><u>A61K 49 /-</u></b>					
2019314380					
2019319836					

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2019313170 2019316475	2019291790	2019302278	2019316496	2019305857 2019313082	2019312065 2019319907 2019323035 2019325306 2019326767
<b><u>B30B 9 /-</u></b>	<b><u>B63B 1 /-</u></b>	<b><u>B66C 1 /-</u></b>	<b><u>C07C 15 /-</u></b>	<b><u>C07D 217 /-</u></b>	<b><u>C07D 407 /-</u></b>
2019292863	2019296514	2019308882 2019308883 2019309277 2019311225	2019294819	2019309942 2019313082	
<b><u>B32B 1 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B66C 13 /-</u></b>	<b><u>C07C 2 /-</u></b>	<b><u>C07D 239 /-</u></b>	2019313484 2019326767
2019314278	2019296514 2019333018	2018429655	2019325589	2019297321 2019313484 2019315522	<b><u>C07D 409 /-</u></b>
<b><u>B32B 15 /-</u></b>	<b><u>B63C 9 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>C07C 237 /-</u></b>	<b><u>C07D 263 /-</u></b>	2019323035 2019325306 2019326767 2019331005
2020210219	2019296514 2019321459	2019311225	2019312065	2019312065 2019326767	<b><u>C07D 413 /-</u></b>
<b><u>B32B 27 /-</u></b>	<b><u>B63G 7 /-</u></b>	<b><u>B66D 3 /-</u></b>	<b><u>C07C 239 /-</u></b>	<b><u>C07D 265 /-</u></b>	2019297889 2019325306 2019326767 2019331005
2019314278	2019297367	2019311225	2019328662	2019325306	
<b><u>B32B 37 /-</u></b>	<b><u>B63G 8 /-</u></b>	<b><u>B66F 17 /-</u></b>	<b><u>C07C 271 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07D 417 /-</u></b>
2020210219	2019297367	2019340667	2019319032	2019313082 2019326767	
<b><u>B33Y 30 /-</u></b>	<b><u>B65D 21 /-</u></b>	<b><u>B66F 3 /-</u></b>	<b><u>C07C 311 /-</u></b>	<b><u>C07D 295 /-</u></b>	2019297889 2019322325 2019331005
2019315334	2019297538	2019316115	2019313082	2019313082 2019325306 2019326767	<b><u>C07D 453 /-</u></b>
<b><u>B33Y 40 /-</u></b>	<b><u>B65D 71 /-</u></b>	<b><u>B66F 9 /-</u></b>	<b><u>C07C 323 /-</u></b>	<b><u>C07D 303 /-</u></b>	2019325306 2019326767
2019315334	2019336215	2019308882 2019308883 2019309277 2019340667	2019328662	2019294819	<b><u>C07D 471 /-</u></b>
<b><u>B33Y 80 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>B67D 1 /-</u></b>	<b><u>C07C 43 /-</u></b>	<b><u>C07D 305 /-</u></b>	2019292207 2019308941 2019319907 2019326647 2019331005 2019354418
2019310312	2019314417	2019309335	2019325306	2019313082	
<b><u>B42D 25 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>B81C 1 /-</u></b>	<b><u>C07C 59 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07D 487 /-</u></b>
2019317924	2019295781	2019325343	2019313082	2019313082	
<b><u>B60C 11 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 65 /-</u></b>	<b><u>C07D 309 /-</u></b>	2018430758 2019308941 2019319907 2019326647 2019331005
2019297839	2019314417 2019340821	2019343642	2019453386	2019306745 2019313082 2019326767	<b><u>C07D 491 /-</u></b>
<b><u>B60C 23 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07C 7 /-</u></b>	<b><u>C07D 331 /-</u></b>	<b><u>C07D 495 /-</u></b>
2019314415	2019297538	2019306752 2019314353 2019314762 2019326786 2019343642	2019325589	2019326767	2019319907
<b><u>B60D 1 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07D 205 /-</u></b>	<b><u>C07D 333 /-</u></b>	<b><u>C07D 517 /-</u></b>
2019318439	2019297538	2019312823 2019343642	2019326767	2019313082	
<b><u>B60L 3 /-</u></b>	<b><u>B65G 13 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07D 207 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07D 495 /-</u></b>
2019340667	2019296521	2019313082	2019294819	2019326767	2019319907
<b><u>B60P 1 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>C07D 211 /-</u></b>	<b><u>C07D 209 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07F 3 /-</u></b>
2019340667	2019309926 2019336269	2019325306 2019326767	2019313082	2019317625	
<b><u>B60W 40 /-</u></b>	<b><u>B65G 21 /-</u></b>	<b><u>C07D 213 /-</u></b>	<b><u>C07D 211 /-</u></b>		
2019340667	2019318439	2019343642	2019325306 2019326767		
<b><u>B62D 15 /-</u></b>	<b><u>B65G 41 /-</u></b>	<b><u>C02F 9 /-</u></b>	<b><u>C07D 213 /-</u></b>	2019297889 2019323035 2019325306 2019326767 2019331005	2018440927
2019338528 2019339489	2019318439	2019314353 2019314762	2019313082 2019325306 2019326767 2019328662 2019331005		<b><u>C07D 519 /-</u></b>
<b><u>B62D 53 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C04B 28 /-</u></b>			2019319907
2020293551	2019320978	2019339182			2019325725

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2019365382	<b><u>C07K 4 /-</u></b>	2019313854	2019316496	2019301699	2019343642
	2019292668			2019313902	
<b><u>C07H 19 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C09K 15 /-</u></b>	2019320175	<b><u>C12P 39 /-</u></b>
2019313484	2019319032	2019308282	2019320175	2019320546	2019320546
		2019316496		2019321258	
<b><u>C07H 21 /-</u></b>	<b><u>C08B 37 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C09K 5 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C12P 7 /-</u></b>
2019311015	2019319024	2019310043	2019295781	2018436195	2019319045
2019365382		2019338649	2019321217	2019292668	2019320175
	<b><u>C08F 2 /-</u></b>		<b><u>C09K 8 /-</u></b>	2019294109	2019321258
<b><u>C07J 9 /-</u></b>	2019306752	<b><u>C08L 5 /-</u></b>	2019301699	2019301699	2019343642
2020254063	2019338649	2019319024	2019309587	2019310459	<b><u>C12Q 1 /-</u></b>
			2019311015	2019311015	2018429361
<b><u>C07K 1 /-</u></b>	<b><u>C08F 210 /-</u></b>	<b><u>C08L 71 /-</u></b>	<b><u>C10B 47 /-</u></b>	2019312814	2019294109
2019292668	2019338649	2019313854	2019321258	2019313083	2019309870
2019319032				2019313902	2019310039
	<b><u>C08F 220 /-</u></b>	<b><u>C08L 75 /-</u></b>	<b><u>C10G 2 /-</u></b>	2019314208	2019312152
<b><u>C07K 14 /-</u></b>	2019306752	2019307870	2019309214	2019314475	2019312814
2019301316				2019317066	2019313083
2019301699	<b><u>C08F 290 /-</u></b>	<b><u>C08L 77 /-</u></b>	<b><u>C10G 29 /-</u></b>	2019318910	2019316556
2019305086	2019307870	2019306552	2019324554	2019353367	2019316815
2019305653			2019325373		2019318070
2019308282	<b><u>C08F 4 /-</u></b>	<b><u>C09B 11 /-</u></b>	2019326786	<b><u>C12N 5 /-</u></b>	2019319901
2019308290	2019338649	2019319901		2018439389	2019321208
2019309587			<b><u>C10G 3 /-</u></b>	2019291955	2019326405
2019311181	<b><u>C08G 18 /-</u></b>	<b><u>C09B 69 /-</u></b>	2019304066	2019299358	<b><u>C12R 1 /-</u></b>
2019312814	2019307870	2019319901		2019301819	2019321847
2019313902			<b><u>C10G 65 /-</u></b>	2019314888	
2019314452	<b><u>C08G 59 /-</u></b>	<b><u>C09D 11 /-</u></b>	2019304066	2019317229	<b><u>C25C 3 /-</u></b>
2019314475	2019340354	2019312917		2019318910	2019334433
2019315440	2019341456		<b><u>C10L 1 /-</u></b>	<b><u>C12N 7 /-</u></b>	
2019315713	2019342351	<b><u>C09D 175 /-</u></b>	2019324554	2019315713	<b><u>C40B 40 /-</u></b>
2019315807	2019343280	2019307870			2019309870
2019317229	<b><u>C08G 63 /-</u></b>	<b><u>C09D 189 /-</u></b>	<b><u>C10L 10 /-</u></b>	<b><u>C12N 9 /-</u></b>	
2019319032	2019319836	2019312917	2019325373	2019292668	<b><u>D01F 1 /-</u></b>
2019319045	<b><u>C08G 64 /-</u></b>	2019312917		2019299935	2019306552
2019338943	2019319836	<b><u>C09D 5 /-</u></b>	<b><u>C10L 3 /-</u></b>	2019311015	<b><u>D01F 6 /-</u></b>
		2019316496	2019324554	2019314475	
<b><u>C07K 16 /-</u></b>	<b><u>C08G 65 /-</u></b>	<b><u>C09D 7 /-</u></b>	2019326786	2019316815	2019306552
2018436195	2019308282	2019316496	<b><u>C10M 175 /-</u></b>	2019317754	<b><u>D04H 1 /-</u></b>
2019299358	2019313854		2019321074	2019319045	2019300406
2019299935	2019319836	<b><u>C09J 101 /-</u></b>		2019320399	<b><u>D06F 35 /-</u></b>
2019299973		2019297499	<b><u>C10L 3 /-</u></b>		2019306552
2019301684	<b><u>C08G 69 /-</u></b>	2019297499	2019324554	<b><u>C10M 175 /-</u></b>	<b><u>D04H 1 /-</u></b>
2019301698	2019306745	<b><u>C09J 103 /-</u></b>	2019326786		2019300406
2019305223		2019297499	<b><u>C11B 1 /-</u></b>	<b><u>C12P 1 /-</u></b>	2019300406
2019308290	<b><u>C08G 77 /-</u></b>	2019297499	2019292863	2019343642	<b><u>D06F 35 /-</u></b>
2019309366	2019308282	<b><u>C09J 11 /-</u></b>	<b><u>C11B 13 /-</u></b>	<b><u>C12P 17 /-</u></b>	2019314077
2019309786	2019308282	2019316496	2019304066	2019320546	<b><u>D06F 37 /-</u></b>
2019310039	<b><u>C08G 83 /-</u></b>	2019316496	<b><u>C11B 9 /-</u></b>	<b><u>C12P 19 /-</u></b>	2019292271
2019311181	2019306745		2019315862	2019311015	2019292378
2019312831		<b><u>C09J 163 /-</u></b>	<b><u>C12M 1 /-</u></b>	2019313083	<b><u>D06F 39 /-</u></b>
2019313444	<b><u>C08J 3 /-</u></b>	2019319670	2019301819	<b><u>C12P 21 /-</u></b>	2019292271
2019314452	2019306752	2019341456	2019311160	2019318910	2019292378
2019317229	2019308282		2019343642		2019306392
2019321490				<b><u>C12P 25 /-</u></b>	
2019324170				2019313902	<b><u>D06F 58 /-</u></b>
2019325400				2019318910	2019313170
2019326407					2019314075
2019336197				2019320546	2019314077

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2019316475	<b><u>E04G 21 /-</u></b>	<b><u>F03D 1 /-</u></b>	<b><u>F23G 5 /-</u></b>	<b><u>G01N 21 /-</u></b>	2019347897 2019371362
<b><u>D06F 73 /-</u></b>	2019318439	2019338622	2018437560	2019310451 2019313352 2019325343	<b><u>G06F 21 /-</u></b>
2019314075	<b><u>E04H 12 /-</u></b>	<b><u>F04D 13 /-</u></b>	<b><u>F24S 20 /-</u></b>		2019317924
2019314077				<b><u>G01N 27 /-</u></b>	<b><u>G06F 8 /-</u></b>
2019316475	2019308882	2019306392	2019301672 2019312089	2019318105	2019369301
<b><u>D06P 3 /-</u></b>	<b><u>E05D 11 /-</u></b>	<b><u>F04D 15 /-</u></b>	<b><u>F24S 40 /-</u></b>	<b><u>G01N 30 /-</u></b>	
2019312917	2020277205	2019306392	2019312089	2019298750	<b><u>G06K 17 /-</u></b>
<b><u>D21F 11 /-</u></b>	<b><u>E05D 3 /-</u></b>	<b><u>F15B 15 /-</u></b>	<b><u>F24S 80 /-</u></b>	<b><u>G01N 33 /-</u></b>	2019320557
2019300406	2020277205	2019338597	2019312089	2018429361 2019292029 2019299935 2019301845 2019310039 2019314452 2019318070 2019319901 2019320814 2019321282 2019326405 2019326407 2020213287	<b><u>G06K 9 /-</u></b>
<b><u>D21H 11 /-</u></b>	<b><u>E05D 5 /-</u></b>	<b><u>F16G 1 /-</u></b>	<b><u>F25D 21 /-</u></b>		2018436495 2019312657
2019300406	2020284271	2019309926	2020258215		<b><u>G06N 20 /-</u></b>
<b><u>D21H 13 /-</u></b>	<b><u>E05D 7 /-</u></b>	<b><u>F16G 3 /-</u></b>	<b><u>F25D 23 /-</u></b>		2019319298 2019369301
2019300406	2020284271	2019309926	2020258215		
<b><u>D21H 17 /-</u></b>	<b><u>E05F 1 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>F25J 1 /-</u></b>		<b><u>G06N 3 /-</u></b>
2019300406	2020284271	2019333018	2019320723		2019288674
<b><u>D21H 19 /-</u></b>	<b><u>E05F 3 /-</u></b>	<b><u>F16L 21 /-</u></b>	<b><u>F28D 21 /-</u></b>		<b><u>G06Q 10 /-</u></b>
2019300406	2020284271	2019309755	2019308722	<b><u>G01N 35 /-</u></b>	
<b><u>D21H 21 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>F16L 33 /-</u></b>	<b><u>F41G 1 /-</u></b>	2019320557	2018435480 2019293529 2019301845 2019313283 2019320557 2019370704
2019300406	2019300933	2019309755	2019388605	<b><u>G01N 7 /-</u></b>	
2019306752	<b><u>E21B 17 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>F41G 3 /-</u></b>	2019292029	<b><u>G06Q 20 /-</u></b>
<b><u>E01B 27 /-</u></b>	2018453343	2019309755	2019388605	<b><u>G01R 19 /-</u></b>	
2019338597	<b><u>E21B 19 /-</u></b>	<b><u>F16L 47 /-</u></b>	<b><u>F42D 5 /-</u></b>	2019299552	2019315764
2019344992			2019297367	<b><u>G01R 31 /-</u></b>	<b><u>G06Q 30 /-</u></b>
<b><u>E02B 15 /-</u></b>	2018453343	2019309755	<b><u>G01D 11 /-</u></b>	2019297427 2019299552	2018435241
2019315447	<b><u>E21B 33 /-</u></b>	<b><u>F16L 49 /-</u></b>	2019292029	<b><u>G01S 19 /-</u></b>	<b><u>G06Q 40 /-</u></b>
<b><u>E02F 3 /-</u></b>	2019343762	2019309755	<b><u>G01F 15 /-</u></b>	2019339489	2019308008
2018429655	<b><u>E21B 41 /-</u></b>	<b><u>F16M 11 /-</u></b>	2019348718	<b><u>G01S 5 /-</u></b>	
<b><u>E02F 7 /-</u></b>	2019324447	2019301755	<b><u>G01G 19 /-</u></b>	2019361191	2018435480 2019293529 2019301845 2019313283
2019318439	<b><u>E21B 43 /-</u></b>	<b><u>F16N 39 /-</u></b>	2019340667	<b><u>G02B 23 /-</u></b>	<b><u>G06Q 99 /-</u></b>
<b><u>E02F 9 /-</u></b>	2019321019 2019324447	2019321074	<b><u>G01J 1 /-</u></b>	2019388605	
2018429655	<b><u>E21B 7 /-</u></b>	<b><u>F21V 17 /-</u></b>	2019291837	<b><u>G02B 27 /-</u></b>	2018435480
2019372717			<b><u>G01J 3 /-</u></b>	2019294617 2019388605	<b><u>G06T 15 /-</u></b>
<b><u>E03B 7 /-</u></b>	2019324447	2019371560	2019309246 2019313352	<b><u>G05D 1 /-</u></b>	2018436278 2019309552
2019301845	<b><u>E21C 41 /-</u></b>	<b><u>F21W 131 /-</u></b>	<b><u>G01L 5 /-</u></b>	2018435825 2019299980 2019338528 2019339489	<b><u>G06T 19 /-</u></b>
<b><u>E03F 1 /-</u></b>	2019336269	2019371560	2019309246 2019313352		2018435825 2019291869
2019312376	<b><u>E21F 13 /-</u></b>	<b><u>F23B 80 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06T 7 /-</u></b>
<b><u>E04C 2 /-</u></b>	2019318439 2019336269	2018437560	2019292029 2019298750	2018431320 2019309246	2018436279 2019291869
2019300853	<b><u>F03B 17 /-</u></b>	2019295701			
<b><u>E04C 5 /-</u></b>	2019348718	<b><u>F23D 23 /-</u></b>			
2019300853		2019295701			

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<b><u>G07C 9 /-</u></b>	<b><u>H01B 9 /-</u></b>	<b><u>H02S 30 /-</u></b>	<b><u>H04W 52 /-</u></b>
2019326915 2020209521	2018434700	2019300933	2019309777 2019314097
<b><u>G07D 11 /-</u></b>	<b><u>H01J 49 /-</u></b>	<b><u>H02S 40 /-</u></b>	<b><u>H04W 60 /-</u></b>
2019302278	2019298750	2019307236 2019316515	2019319095
<b><u>G07F 19 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H04B 1 /-</u></b>	<b><u>H04W 64 /-</u></b>
2019302278	2019279972	2019291074 2019309777	2019350588 2019361191
<b><u>G08B 17 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H04B 10 /-</u></b>	<b><u>H04W 72 /-</u></b>
2019292029	2019300933	2019314097	2018431394 2018436322 2019291074 2019315163
<b><u>G08B 21 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 76 /-</u></b>
2019292029	2019299662 2019332965	2018435241	2018431394 2019320032
<b><u>G09B 9 /-</u></b>	<b><u>H01R 12 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H04W 8 /-</u></b>
2018435825	2019307236	2018429762 2019292191 2019361191	2018436322 2019350588
<b><u>G09F 9 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H04W 84 /-</u></b>
2019279939 2019279968	2019293240	2018435241	2019320032
<b><u>G10L 19 /-</u></b>	<b><u>H01R 35 /-</u></b>	<b><u>H04M 11 /-</u></b>	<b><u>H04W 88 /-</u></b>
2019291054	2019307236	2019320032	2019361191
<b><u>G10L 21 /-</u></b>	<b><u>H01R 4 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H04W 92 /-</u></b>
2019312209	2019293240	2019308493 2019332937	2019320032
<b><u>G16B 20 /-</u></b>	<b><u>H02G 15 /-</u></b>	<b><u>H04N 5 /-</u></b>	<b><u>H05B 39 /-</u></b>
2019291907 2019291926	2019293240	2019309552	2019345280
<b><u>G16B 25 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04N 7 /-</u></b>	
2019291926	2019297427 2019316537	2019372717	
<b><u>G16B 30 /-</u></b>	<b><u>H02M 1 /-</u></b>	<b><u>H04R 25 /-</u></b>	
2019291907	2019313410	2019312209	
<b><u>G16B 40 /-</u></b>	<b><u>H02P 29 /-</u></b>	<b><u>H04R 3 /-</u></b>	
2019291907	2019313410	2019312209	
<b><u>G16H 40 /-</u></b>	<b><u>H02P 3 /-</u></b>	<b><u>H04W 12 /-</u></b>	
2019293144 2019343148	2019313410	2018436002 2019319095	
<b><u>G16H 50 /-</u></b>	<b><u>H02P 5 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2019321635	2019313410	2019443820	
<b><u>G21F 1 /-</u></b>	<b><u>H02S 10 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2019320736	2019301672 2019316515	2019361191	
<b><u>G21F 3 /-</u></b>	<b><u>H02S 20 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2019320736	2019300933 2019301672 2019324316	2019319095	
<b><u>H01B 7 /-</u></b>			
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**A61L 27/20** ( 2006.01 )  
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**C08J 3/075** ( 2006.01 )  
**C08L 5/08** ( 2006.01 )  
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 (51) Int. Cl.



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**C07D 209/12** ( 2006.01 )  
**C07D 401/06** ( 2006.01 )  
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**A61P 17/00** ( 2006.01 )  
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**A47L 7/00** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
**B25J 5/00** ( 2006.01 )  
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**G01N 33/50** ( 2006.01 )  
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**A47G 19/22** ( 2006.01 )

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**(21)** 2017350521 **(22)** 28.09.2017  
**(54)** High temperature high extrusion resistant packer  
**(51)** Int. Cl.  
**E21B 33/12** ( 2006.01 )  
**E21B 33/127** ( 2006.01 )  
**(87)** WO2018/080716  
**(31)** 15/337,248 **(32)** 28.10.16 **(33)** US  
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**C07D 205/04** ( 2006.01 )  
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**C08B 31/00** ( 2006.01 )  
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**C08K 5/3412** ( 2006.01 )

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**E02F 3/85** ( 2006.01 )  
**G05D 1/02** ( 2006.01 )  
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**B25F 1/04** ( 2006.01 )  
**B25B 7/22** ( 2006.01 )  
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**H05H 1/24** ( 2006.01 )  
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**F25D 23/02** ( 2006.01 )  
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 image coding system  
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**H04N 19/119** ( 2014.01 )  
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**H04N 19/176** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
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**(54)** Water dispenser  
**(51)** Int. Cl.  
**B01D 35/04** ( 2006.01 )  
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 and apparatuses  
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**A61B 5/00** ( 2006.01 )  
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 tion of immunoresponse  
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**C07K 14/47** ( 2006.01 )  
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 Tsai-Yin  
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 ited  
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**(54)** Systems and method for delivery of  
 therapeutic gas to patients, in need  
 thereof, receiving breathing gas from a  
 ventilator that varies at least pressure  
 and/or flow using enhanced therapeutic  
 gas (NO) flow measurement  
**(51)** Int. Cl.  
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**G01N 33/00** ( 2006.01 )  
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**C12Q 3/00** ( 2006.01 )  
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**C12N 1/00** ( 2006.01 )  
**C12N 1/10** ( 2006.01 )  
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**C12P 7/64** ( 2006.01 )

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**A61G 7/057** ( 2006.01 )  
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*G06F 17/00* ( 2006.01 )  
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*A61P 1/16* ( 2006.01 )  
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*C07D 311/16* ( 2006.01 )  
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*A61P 3/00* ( 2006.01 )  
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*C07K 16/28* ( 2006.01 )  
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 (21) 2020203989

(71) Zoetis Services LLC  
 (11) AU-B-2018374849  
 (21) 2018374849 (22) 28.11.2018  
 (54) Endoparasitic decapeptides  
 (51) Int. Cl.  
     C07D 413/14 ( 2006.01 )  
     A01N 43/72 ( 2006.01 )  
     A61K 38/15 ( 2006.01 )  
     A61P 33/00 ( 2006.01 )  
     C07D 413/10 ( 2006.01 )  
     C07D 417/14 ( 2006.01 )  
     C07D 471/04 ( 2006.01 )  
     C07D 487/04 ( 2006.01 )  
     C07D 491/052 ( 2006.01 )  
     C07D 498/04 ( 2006.01 )  
     C07D 513/04 ( 2006.01 )  
     C07K 11/02 ( 2006.01 )  
 (87) WO2019/108591  
 (31) 62/591,942 (32) 29.11.17 (33) US  
 (43) 06.06.2019  
 (44) 18.02.2021  
 (72) CURTIS, Michael P.; SHEEHAN, Susan M.; KYNE, Graham M.; BEDORE, Matthew W.; EWIN, Richard A.; JOHNSON, Paul D.; MCTIER, Tom L.; KNAUER,

Christopher S.; VAIRAGOUNDAR, Rajendran  
 (74) Davies Collison Cave Pty Ltd

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(71) Zoetis Services LLC  
 (11) AU-B-2019204773  
 (21) 2019204773 (22) 03.07.2019  
 (54) Tick toxin compositions  
 (51) Int. Cl.  
     C07K 14/435 ( 2006.01 )  
     A61K 39/00 ( 2006.01 )  
 (43) 25.07.2019  
 (44) 18.02.2021  
 (62) 2017261603  
 (72) ALLEN, Andrew George; DELIYANNIS, Georgia  
 (74) Davies Collison Cave Pty Ltd

(71) Zogenix International Limited  
 (11) AU-B-2016379346  
 (21) 2016379346 (22) 20.12.2016  
 (54) Fenfluramine compositions and methods of preparing the same  
 (51) Int. Cl.  
     B01J 23/72 ( 2006.01 )  
     B01J 27/055 ( 2006.01 )  
     B01J 27/122 ( 2006.01 )  
     B01J 27/25 ( 2006.01 )  
     C07C 45/54 ( 2006.01 )  
     C07C 49/223 ( 2006.01 )  
 (87) WO2017/112702  
 (31) 62/271,172 (32) 22.12.15 (33) US  
 (43) 29.06.2017  
 (44) 18.02.2021  
 (72) Londesbrough, Derek; Andersen, Marc W.  
 (74) Davies Collison Cave Pty Ltd

(71) Zymeworks Inc.  
 (11) AU-B-2015265457  
 (21) 2015265457 (22) 29.05.2015  
 (54) Modified antigen binding polypeptide constructs and uses thereof  
 (51) Int. Cl.  
     C07K 16/00 ( 2006.01 )  
     A61K 39/395 ( 2006.01 )  
     C07K 16/46 ( 2006.01 )  
     C12N 15/13 ( 2006.01 )  
 (87) WO2015/181805  
 (31) 62/003,663 (32) 28.05.14 (33) US  
                 62/154,055 28.04.15 US  
 (43) 03.12.2015  
 (44) 18.02.2021  
 (72) Sanches, Mario; Spreter Von Kreudenstein, Thomas; Urosev, Dunja; Tom-Yew, Stacey A. L.; Corper, Adam Louis; D'Angelo, Igor Edmondo Paolo; Chou, Yang-Chieh; Dixit, Surjit Bhimarao  
 (74) Spruson & Ferguson

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2013209887	McKenna, E.	2016238177	SonarMed Inc.
2014331926	Proteins Easy Corp.	2016238497	Xylem IP Management S.à r.l.
2014348279	Avellino Lab USA, Inc.	2016239784	Unitec S.p.A.
2014369232	BASF Plant Science Company GmbH	2016242939	Heliae Development, LLC
2014373623	Williams, S.	2016242996	Scarab Genomics, LLC
2014409811	Kimberly-Clark Worldwide, Inc.	2016243629	Dana-Farber Cancer Institute, Inc.; Beth Israel Deaconess Medical Center
2015203557	Tata Consultancy Services Limited	2016244065	Microsoft Technology Licensing, LLC
2015203847	Bio-Rad Laboratories, Inc.	2016244750	Acceleron Pharma Inc.
2015207894	Insurance Australia Limited	2016247936	Caterpillar Inc.
2015212842	DuPont Nutrition Biosciences ApS	2016251625	Marchionni, M.; Giuberchio, C.
2015215536	Japan Tobacco Inc.	2016252001	Bausch & Lomb Incorporated
2015218542	Tussy, K.	2016253435	Avidbots Corp.
2015232352	Mitsubishi Tanabe Pharma Corporation	2016256717	Fluke Corporation
2015238768	Caterpillar Inc.	2016257911	The Board of Trustees of the Leland Stanford Junior University
2015249086	IFP Energies nouvelles	2016260873	Detnet South Africa (Pty) Ltd
2015261561	Ferag AG	2016261275	6 over 6 Vision Ltd.
2015263963	Genzyme Corporation	2016263438	Nanocytomics, LLC; Northwestern University
2015265457	Zymeworks Inc.	2016264321	Corcept Therapeutics, Inc.
2015265624	Teva Pharmaceuticals Australia Pty Ltd	2016264323	TCR2 Therapeutics Inc.
2015270299	accesso Technology Group Plc	2016265049	Lifting Point Pre-Form Pty Limited
2015271685	BioNTech Research and Development, Inc.	2016265834	RCM Enterprise, LLC
2015276153	BerGenBio ASA	2016271136	Hendrickson USA, L.L.C.
2015276235	Janssen Vaccines & Prevention B.V.	2016272089	Triastek, Inc.
2015277261	REG Life Sciences, LLC	2016274175	Mackay Medical Foundation The Presbyterian Church in Taiwan Mackay Memorial Hospital
2015281798	IXUP IP Pty Ltd	2016274527	Becton Dickinson France
2015287227	UNIVERSITÄT ZÜRICH	2016274868	Attwill Medical Solutions Inc.
2015290560	Kawamoto, H.	2016275577	The University of Sydney
2015301630	IPG Photonics Corporation	2016275764	Basilea Pharmaceutica International AG
2015308614	Lipocine Inc.	2016279051	Centurion BioPharma Corporation
2015308717	Retailmenot, Inc.	2016282207	Eikonic R&D Pty Ltd
2015308987	Betanien Hospital	2016282846	Cellis Sp. z o.o. [Ltd.]
2015311623	Axxin Pty Ltd	2016285708	Qualcomm Incorporated
2015312013	PerkinElmer Health Sciences, Inc.	2016289094	Agora Energy Technologies Ltd.
2015320980	BioNTech RNA Pharmaceuticals GmbH	2016289754	Immatics Biotechnologies GmbH
2015321517	Regeneron Pharmaceuticals, Inc.	2016290736	AMVAC Hong Kong Limited
2015325043	Washington University	2016292811	FMC Corporation
2015329934	Leibniz-Institut für Plasmaforschung und Technologie e.V.	2016297087	ImmunoGen, Inc
2015332095	Mara Renewables Corporation	2016297330	Pharmafilter B.V.
2015332207	University College Cardiff Consultants Limited	2016297608	ImmunoGen, Inc.
2015332208	GW Pharma Limited	2016297923	LightLab Imaging, Inc.
2015334634	Visa Europe Limited	2016297930	LightLab Imaging, Inc.
2015338891	Alcon Inc.	2016298317	Caris Science, Inc.
2015343728	Johnson & Johnson Consumer Inc.	2016299258	BASF SE
2015358512	Afimmune Limited	2016303310	ThermoGenesis Corp; DePuy Synthes Products, Inc.
2015362659	Cytec Industries Inc.	2016304686	Hypertherm, Inc.
2015365620	Hall Element Devices (IP Holdings) Limited	2016304791	DRM, Dr. Muller AG
2015367329	Merz Pharma GmbH & Co. KGaA	2016304862	Alzheon, Inc.
2015370942	RV Lizenz AG	2016304871	Biomet 3i, LLC
2015380318	Caterpillar Inc.	2016311335	Dolby International AB; Dolby Laboratories Licensing Corporation
2015384083	Zhang, Z.	2016312305	Merck Patent GmbH
2015399459	Cresilon, Inc.	2016315246	Sika Technology AG
2015400261	Equinor Energy AS	2016315947	Masimo Corporation
2015401500	Statoil Petroleum AS	2016316717	F. Hoffmann-La Roche AG
2016200686	PGS Geophysical AS	2016317031	EnSync, Inc.
2016200911	PGS Geophysical AS	2016317915	Agenus Inc.; Ludwig Institute for Cancer Research Ltd.; Memorial Sloan Kettering Cancer Center
2016201122	FEI Company	2016323535	Janssen Pharmaceuticals, Inc.; Katholieke Universiteit Leuven
2016202783	ALLEN, G.M.	2016330029	Astex Therapeutics Limited; Cancer Research Technology Limited
2016204499	DePuy Synthes Products, Inc.	2016330030	Astex Therapeutics Limited; Cancer Research Technology Limited
2016204988	Electrolux Appliances Aktiebolag	2016331029	Genera Limited
2016208251	The Boeing Company	2016331507	United States Gypsum Company
2016208998	Clear Destination Inc.		
2016210826	Anheuser-Busch InBev S.A.		
2016214148	Medical Innovation Developpement		
2016222755	City of Hope		
2016228208	The Boeing Company		
2016231140	FN Herstal SA		
2016235484	Iversen, J.; Iversen, J.		

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2016331945	Applied Medical Resources Corporation	2017363699	Eisai R&d Management Co., Ltd.
2016333197	Shanghai Sanyou Medical Co., Ltd.	2017369313	LG Electronics Inc.
2016334080	Snap Cpap, LLC	2017384650	Novaliq GmbH
2016338690	Flirtey Holdings, Inc.	2017389794	Ariagen, Inc.
2016341525	Grey Orange Pte. Ltd.	2017404400	OSIM International Pte. Ltd.
2016347472	Knauf Insulation SPRL	2017407344	Siemens Industry, Inc.
2016347636	Universidad Complutense de Madrid	2017407567	Dow Global Technologies LLC; Rohm and Haas Company
2016353976	Mölnlycke Health Care AB	2017413373	South China University of Technology
2016355540	Q30 Sports Science, LLC	2017415761	Estee Lauder International, Inc.
2016358498	Callaghan Innovation	2017424116	Intuit Inc.
2016360831	DoubleGood AB	2017435485	China University of Mining and Technology
2016363006	Board of Regents, The University of Texas System	2018206409	Trustees of Boston University; Beta Bionics, Inc.
2016369256	Honeywell International Inc.	2018211923	Evermore United S.A.; Meller, M.; Meller, E.
2016369520	ArQule, Inc.	2018216390	IHI Corporation
2016371600	Merck Sharp & Dohme Corp.	2018216540	Amtixbio Co., Ltd.
2016372328	Thales	2018219188	Shell Internationale Research Maatschappij B.V.
2016377130	Trioplast AB	2018222745	Allergan, Inc.
2016379346	Zogenix International Limited	2018226955	Boehringer Ingelheim International GmbH
2016380889	Adama Agan Ltd.	2018229753	ACO Severin Ahlmann GmbH & Co Kommanditgesellschaft
2016380892	Adama Agan Ltd.	2018239789	LG Electronics Inc.
2016381152	Fochon Pharmaceuticals, Ltd.; Shanghai Fochon Pharmaceutical Co., Ltd.	2018241132	VERIDEX, LLC
2016381925	Terumo Kabushiki Kaisha	2018246770	Advanced New Technologies Co., Ltd.
2016386405	Visa International Service Association	2018263098	Huawei Technologies Co., Ltd.
2016397941	Guardian Glass, LLC; Guardian Europe S.a.r.l.	2018269320	MJN U.S. Holdings LLC
2016408266	Coramaze Technologies GmbH	2018274373	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016417702	Bharat Serums and Vaccines Ltd	2018278731	Daewoong Pharmaceutical Co., Ltd.
2016428484	Sami Labs Limited	2018278994	Aristocrat Technologies Australia Pty Limited
2016432433	Telefonaktiebolaget LM Ericsson (publ)	2018283423	Interwell Norway AS
2017200789	Covidien LP	2018285898	Turntide Technologies Inc.
2017201616	HOLYOAKE INDUSTRIES LIMITED	2018291850	Motorola Solutions, Inc.
2017202611	Barilla G. e R. Fratelli S.p.A.	2018294550	Universität Bern; Empa, Eidgenössische Materialprüfungs- Und Forschungsanstalt
2017208716	Squaretail Pty Ltd	2018299971	ConMed Corporation
2017213139	Schoeller Textil AG	2018300002	Fresenius Medical Care Holdings, Inc.
2017213166	Belyntic GmbH	2018300280	Uber Technologies, Inc.
2017216616	Bracco Injeneering S.A.	2018304477	Forum US, Inc.
2017217934	Aerin Medical, Inc.	2018318039	Citrix Systems, Inc.
2017227700	Fairlife, LLC	2018337034	Intuit Inc.
2017228870	Merck Sharp & Dohme Corp.	2018341190	LG Electronics Inc.
2017230275	Bayer CropScience Aktiengesellschaft	2018345524	Enlighted, Inc.
2017232921	Tyco Fire Products LP	2018349259	Pfizer Inc.
2017233994	SomaLogic, Inc.	2018352137	Becton, Dickinson and Company
2017234796	Henny Penny Corporation	2018353160	Infrasonix Inc.
2017236669	Fresenius Kabi Ipsium S.r.l.	2018362084	Northrop Grumman Systems Corporation
2017238859	The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Maryland, Baltimore	2018363670	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017239211	Advanced New Technologies Co., Ltd.	2018364955	Northrop Grumman Systems Corporation
2017242225	Merck Patent GmbH	2018369091	AnLin Pharmaceuticals, LLC
2017250624	Stora Enso Oyj	2018374068	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017252608	Bellay, P.	2018374849	Zoetis Services LLC
2017256505	Bayer CropScience Aktiengesellschaft	2018376272	The Yokohama Rubber Co., Ltd.
2017261820	Rebiotix, Inc.	2018381738	Qingdao University of Technology
2017264187	ASKA Pharmaceutical Co., Ltd.	2018384989	Komatsu Ltd.
2017265070	Caverion Deutschland GmbH	2018388449	Wing Aviation LLC
2017267266	Sirona Dental Systems GmbH	2018393126	Nippo Corporation
2017271199	Mattern, C.	2018406532	Google, LLC
2017276698	Deutsches Krebsforschungszentrum	2018410566	Tesla, Inc.
2017277731	CureVac AG	2018412530	Siemens Medical Solutions USA, Inc.
2017281228	Vanderbilt University	2018413679	China University of Mining and Technology; Xuzhou Usure Mining Technology Co., Ltd
2017285917	Jiangsu SMTP Technology Co., Ltd.	2018425105	China University of Mining and Technology
2017290238	The Scripps Research Institute; The Board of Regents of the University of Texas System	2018432186	Mayekawa MFG. Co., Ltd.
2017291507	Baxalta GmbH; Baxalta Incorporated	2019200056	1 Space Pty Ltd
2017301640	Square, Inc.	2019200166	KCI Licensing, Inc.
2017306566	Opex Corporation	2019200220	Ensign Drilling Inc.
2017323139	Hirotsu Bio Science Inc.	2019200231	Abbott Diabetes Care Inc.
2017330513	Molecular Imprints, Inc.	2019200233	Hunter Douglas Industries B.V.
2017336900	Huawei Technologies Co., Ltd.	2019200452	Werner Co.
2017350521	Baker Hughes Holdings, LLC		
2017352444	CareFusion 2200, Inc.		
2017355537	Salesforce.com, Inc.		

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2019200590	Aristocrat Technologies Australia Pty Limited	2020201298	ServiceNow, Inc.
2019200615	Leatherman Tool Group, Inc.	2020201748	CASIO COMPUTER CO., LTD.
2019200646	Spinal Elements, Inc.	2020202580	Mexichem Fluor S.A. de C.V.
2019200727	Spokane Industries	2020202885	NuVasive Specialized Orthopedics, Inc.
2019200803	Translate Bio, Inc.	2020203989	Jinko Green Energy (Shanghai) Management Co., LTD; ZHEJIANG JINKO SOLAR CO., LTD
2019201051	Vaxxas Pty Limited	2020204157	Waymo LLC
2019201305	Manojlovic, A.	2020205214	Lipopharma Therapeutics, S.L
2019201538	Allergan, Inc.	2020205355	Novartis AG
2019201582	KCI Licensing, Inc.	2020220088	Apple Inc.
2019201939	Gilead Pharmasset LLC	2020233660	Seminis Vegetable Seeds, Inc.
2019201945	Arbitron Inc.	2020256342	Thru Tubing Solutions, Inc.
2019202265	Venitas Research Center, Inc.		
2019202439	F. Hoffmann-La Roche AG		
2019202458	President and Fellows of Harvard College		
2019202788	Fugro Chance, Inc		
2019202857	PanOptica, Inc.		
2019202881	Campbell-Lloyd, P.C.		
2019203110	Fuji Xerox Co., Ltd.		
2019203162	Fisher & Paykel Healthcare Limited		
2019203170	BioAtla LLC		
2019203282	Onyx Therapeutics, Inc.		
2019203712	CSL Limited		
2019203955	Bluebird Bio, Inc.		
2019204433	Czech Technical University in Prague		
2019204571	SAMSUNG ELECTRONICS CO., LTD.		
2019204664	Intact Vascular, Inc.		
2019204773	Zoetis Services LLC		
2019204921	Autolus Limited		
2019204925	Autolus Limited		
2019204987	Depuy Ireland Unlimited Company		
2019208146	Accenture Global Solutions Limited		
2019208168	Eavor Technologies Inc		
2019210530	NTT DOCOMO, INC.		
2019210620	Carling Technologies, Inc.		
2019210633	SecureAuth Corporation		
2019213340	Amazon Technologies, Inc.		
2019214898	Becton, Dickinson and Company		
2019216363	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.		
2019216690	LG Electronics Inc.		
2019219865	Artio Medical, Inc.		
2019222801	Genzyme Corporation		
2019232777	Innocorp, Ltd.		
2019232815	Mallinckrodt Hospital Products IP Limited		
2019236727	NEC Corporation		
2019240704	Greeneden U.S. Holdings II, LLC		
2019240724	Caribou Biosciences, Inc.		
2019246769	Steiner AG Weggis		
2019246799	Beijing DIDI Infinity Technology and Development Co., Ltd.		
2019248196	Samsung Electronics Co., Ltd.		
2019255578	Sekura Corporation		
2019257408	B.BOX FOR KIDS DEVELOPMENTS PTY LTD		
2019264657	Medtronic Navigation, Inc.		
2019264658	ViaCyte, Inc.		
2019271890	Mastercard Technologies Canada ULC		
2019271891	Mastercard Technologies Canada ULC		
2019271892	Mastercard Technologies Canada ULC		
2019272063	GIGA-BYTE TECHNOLOGY CO., LTD.		
2019276708	Rapiddeploy, Inc.		
2019276731	Motorola Solutions, Inc.		
2019279902	Inscape Data, Inc.		
2019280037	Caliway Biopharmaceuticals Co., Ltd.		
2019284068	Standard Bariatrics, Inc		
2019308828	Enigmatos Ltd.		
2019317631	Four Flags Pty Ltd		
2019357876	S&C Electric Company		
2019361666	Kang Chien Medical Co., Ltd.		
2020200104	Avaz Surgical, LLC		
2020200359	TNA Australia Pty Limited		
2020200884	Norton (Waterford) Limited		
2020201160	ConocoPhillips Company; University of Kansas		



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2016290736	2019257408		<b><u>A61K 31 /-</u></b>		<b><u>A61L 27 /-</u></b>	
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2015215536	2019255578	<b><u>A61B 7 /-</u></b>	2018353160		2016274868	
<b><u>A01H 5 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61B 8 /-</u></b>	2020200104		<b><u>A61M 1 /-</u></b>	
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<b><u>A01N 37 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>A61C 13 /-</u></b>	2017267266		<b><u>A61M 13 /-</u></b>	
2017230275	2016253435	<b><u>A61C 8 /-</u></b>			2016331945	
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2016292811 2017230275 2017256505 2018374849	2018211923	<b><u>A61F 13 /-</u></b>	2016353976	2015332208 2016243629 2016264321 2019201939	2020200884	
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2014409811	2016253435	<b><u>A61F 5 /-</u></b>	2019361666	2016257911 2016279051 2017277731 2017384650 2018216540 2018222745 2019202857	2016238177 2016334080 2019203162 2019232815 2020200884	
<b><u>A01P 13 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61F 9 /-</u></b>	2015338891 2016252001	2016257911 2016279051 2017277731 2017384650 2018216540 2018222745 2019202857	<b><u>A61M 21 /-</u></b>	
2016292811	2016204499	<b><u>A61G 7 /-</u></b>	2016315947	<b><u>A61K 48 /-</u></b>	2019232777	
<b><u>A01P 7 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61H 1 /-</u></b>	2016358498	<b><u>A61K 49 /-</u></b>	<b><u>A61M 25 /-</u></b>	
2017256505	2016263438	<b><u>A61H 39 /-</u></b>	2016355540 2017404400	2017277731	2017291507 2017352444	
<b><u>A22C 21 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61H 7 /-</u></b>	2017404400	<b><u>A61K 33 /-</u></b>	<b><u>A61M 29 /-</u></b>	
2018432186	2016204499 2016214148 2016331945 2016333197 2016355540 2017200789 2018294550 2019200646 2019201051 2019204664 2019204987 2019264657 2019284068 2020202885	<b><u>A61H 9 /-</u></b>	2015338891 2016252001	2016282207 2016360831	2019204664	
<b><u>A23C 3 /-</u></b>	<b><u>A61B 18 /-</u></b>	<b><u>A61H 39 /-</u></b>	2016355540 2017404400	<b><u>A61K 35 /-</u></b>	<b><u>A61M 31 /-</u></b>	
20172227700	2016204499 2016214148 2016331945 2016333197 2016355540 2017200789 2018294550 2019200646 2019201051 2019204664 2019204987 2019264657 2019284068 2020202885	<b><u>A61H 1 /-</u></b>	2015338891 2016252001	2013209887 2015290560 2016243629 2016282846 2016330029 2018222745 2018269320	2017271199	
<b><u>A23C 9 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61H 7 /-</u></b>	2017404400	<b><u>A61K 36 /-</u></b>	<b><u>A61M 35 /-</u></b>	
20172227700	2016263438	<b><u>A61H 9 /-</u></b>	2017404400	2014409811 2015343728 2016282207	2017384650 2019201051	
<b><u>A23L 33 /-</u></b>	<b><u>A61B 5 /-</u></b>	<b><u>A61J 1 /-</u></b>	2016381925 2017384650	<b><u>A61K 38 /-</u></b>	<b><u>A61M 37 /-</u></b>	
2015384083 2016360831 2018269320	2016261275	2015232352 2015265624 2015308987 2016244750 2016274175 2016282846 2016360831 2016363006	2016355540 2017404400	2014409811 2015332208	2016417702 2019201051	
<b><u>A23L 7 /-</u></b>	<b><u>A61B 18 /-</u></b>		2016355540 2017404400	<b><u>A61K 9 /-</u></b>	<b><u>A61M 39 /-</u></b>	
2017202611	2017217934 2018299971		2016355540 2017404400	2015308614 2015320980 2016272089 2017384650 2018222745 2019201538 2019202857 2019280037 2020202580	2017216616 2019214898	
<b><u>A41D 19 /-</u></b>	<b><u>A61B 3 /-</u></b>		2016355540 2017404400	<b><u>A61L 15 /-</u></b>	<b><u>A61M 5 /-</u></b>	
2016263438	2016261275		2016355540 2017404400		2016251625 2016274527 2016417702 2017216616 2017291507	
<b><u>A45D 33 /-</u></b>	<b><u>A61B 5 /-</u></b>		2016355540 2017404400			
2017415761	2016297923 2016297930 2016315947 2016334080		2016355540 2017404400			
<b><u>A46B 5 /-</u></b>			2016381925 2017384650			
2016263438						

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2018352137	<b>A61P 33 /-</b>	2018278994	<b>B25F 1 /-</b>	<b>B64D 31 /-</b>	<b>C04B 24 /-</b>
<b>A61N 1 /-</b>	2016279051	2019200590			
2018294550	2018374849	<b>B01D 15 /-</b>	2019200615	2018388449	2016331507
<b>A61N 2 /-</b>	<b>A61P 35 /-</b>		<b>B25J 5 /-</b>	<b>B65B 35 /-</b>	<b>C04B 28 /-</b>
2019202265	2015265624	2019202439	2016253435	2020200359	2016331507
<b>A61N 5 /-</b>	2015276153	<b>B01D 29 /-</b>	<b>B26B 11 /-</b>	<b>B65D 1 /-</b>	<b>C04B 38 /-</b>
2015338891	2015290560	2015380318	2019200615	2016381925	2016331507
<b>A61P 1 /-</b>	2016243629	2016304791		2017271199	
2013209887	2016244750	<b>B01D 35 /-</b>	<b>B26B 13 /-</b>	<b>B65D 17 /-</b>	<b>C07B 37 /-</b>
2015384083	2016279051	2019216690	2019200615	2016381925	2018226955
<b>A61P 11 /-</b>	2016330030	<b>B01D 36 /-</b>	<b>B27D 1 /-</b>	<b>B65D 35 /-</b>	<b>C07B 59 /-</b>
2020202580	2016363006	2015380318	2017250624	2017271199	2016330029
<b>A61P 13 /-</b>	2017242225	<b>B01D 53 /-</b>	<b>B29C 64 /-</b>	<b>B65D 47 /-</b>	2016330030
2017264187	2017264187	2015249086	2018412530	2019257408	<b>C07C 215 /-</b>
<b>A61P 17 /-</b>	2017389794	2017208716	<b>B32B 21 /-</b>		2017277731
2017264187	2018349259	2018216390	2017250624	<b>B65D 75 /-</b>	<b>C07C 225 /-</b>
2018222745	2018369091	2019204433	<b>B32B 27 /-</b>	2017271199	2017238859
2019201538	2019222801	<b>B01F 17 /-</b>	<b>B33Y 10 /-</b>	2016331029	<b>C07C 237 /-</b>
<b>A61P 19 /-</b>	<b>A61P 37 /-</b>	2016331507	2018412530	2017306566	2016275764
2016244750	2015232352	<b>B01F 3 /-</b>	<b>B33Y 80 /-</b>	<b>B65G 1 /-</b>	<b>C07C 243 /-</b>
2016381152	2015290560	<b>B01J 23 /-</b>	2018412530	2017306566	2017213166
<b>A61P 21 /-</b>	2016274175	2016379346	<b>B41J 29 /-</b>	<b>B65G 47 /-</b>	<b>C07C 279 /-</b>
2016244750	<b>A61P 43 /-</b>	<b>B01J 27 /-</b>	<b>B60B 35 /-</b>	2016239784	2016304862
<b>A61P 25 /-</b>	2017277731	2016379346	2019203110	<b>B66F 3 /-</b>	<b>C07C 317 /-</b>
2015332208	<b>A61P 5 /-</b>	<b>B06B 1 /-</b>	<b>B60B 35 /-</b>	2019200220	2017213166
2015384083	2016264321	<b>B07C 5 /-</b>	2016271136	<b>B67D 1 /-</b>	<b>C07C 45 /-</b>
2018269320	<b>A61P 9 /-</b>	<b>B08B 9 /-</b>	<b>B60R 99 /-</b>	2016210826	2016379346
2019222801	2016244750	2019200727	2015207894	<b>C01F 7 /-</b>	<b>C07C 49 /-</b>
<b>A61P 27 /-</b>	<b>A61Q 1 /-</b>	<b>B23K 10 /-</b>	<b>B61L 29 /-</b>	<b>C02F 1 /-</b>	<b>C07C 59 /-</b>
2016316717	2015343728	2016304686	2017407344	2015362659	2020205214
<b>A61P 29 /-</b>	<b>A61Q 11 /-</b>	<b>B23K 26 /-</b>	<b>B62D 7 /-</b>	2019204433	<b>C07D 205 /-</b>
2013209887	2016282207	2015301630	2016271136	<b>C02F 101 /-</b>	2016275764
2015308987	<b>A62B 18 /-</b>	2015207894	<b>B62L 3 /-</b>	2017413373	2016371600
2016279051	2019203162	<b>B24B 1 /-</b>	<b>C02F 3 /-</b>		
2018222745	<b>A62B 9 /-</b>	2018381738	2016238497		
<b>A61P 3 /-</b>	2019203162	<b>B24B 55 /-</b>	2017413373	<b>C03C 17 /-</b>	<b>C07D 207 /-</b>
2016360831	<b>A62C 2 /-</b>	2018381738	<b>B64C 19 /-</b>	2016397941	2016275764
2017242225	2017201616	<b>B25B 7 /-</b>	2016338690		2017213166
<b>A61P 31 /-</b>	<b>A62D 1 /-</b>	2019200615	<b>B64C 39 /-</b>	<b>C04B 103 /-</b>	2018278731
2015290560	2017232921	<b>B25F 13 /-</b>	2016338690	2016331507	2016323535
2016275764	<b>A63B 21 /-</b>		<b>B64D 17 /-</b>		2016330030
2016279051	2016358498				2017233994
2016282207	<b>A63B 23 /-</b>				2017389794
2016323535	2016358498				2018226955
2016371600	2016358498				
2019201939	<b>A63F 13 /-</b>				
	2016358498				

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<u><b>C07D 211 /-</b></u>	2016330029	<u><b>C07D 519 /-</b></u>	2019203170	<u><b>C08K 9 /-</b></u>	<u><b>C12N 1 /-</b></u>
2016275764	<u><b>C07D 409 /-</b></u>	2016279051	2019204921	2016299258	2015232352
<u><b>C07D 231 /-</b></u>	2016275764	<u><b>C07F 7 /-</b></u>	2019204925	<u><b>C08L 101 /-</b></u>	2015332095
2016304862	2016316717	2016316717	<u><b>C07K 17 /-</b></u>	2017407567	2016242996
2016316717	2016330029	<u><b>C07F 9 /-</b></u>	2016222755	<u><b>C08L 3 /-</b></u>	<u><b>C12N 15 /-</b></u>
<u><b>C07D 237 /-</b></u>	2017389794	2016330030	<u><b>C07K 19 /-</b></u>	2016347472	2014331926
<u><b>C07D 237 /-</b></u>	2019203282	<u><b>C07H 1 /-</b></u>	2015232352	2018216540	2015215536
2016316717	<u><b>C07D 413 /-</b></u>	2017233994	2015263963	<u><b>C08L 5 /-</b></u>	2015232352
<u><b>C07D 239 /-</b></u>	2016275764	<u><b>C07H 15 /-</b></u>	2015277261	<u><b>C08L 63 /-</b></u>	2015263963
2016292811	2016316717	2016279051	2016244750	2018376272	2015265457
2016369520	2016330029	<u><b>C07H 19 /-</b></u>	2016264323	<u><b>C08L 83 /-</b></u>	2015290560
<u><b>C07D 249 /-</b></u>	2017242225	2016222755	<u><b>C07K 5 /-</b></u>	2017232921	2016242996
2016316717	2017389794	2016279051	2016279051	<u><b>C09D 13 /-</b></u>	2019200803
<u><b>C07D 265 /-</b></u>	2018374849	<u><b>C07H 21 /-</b></u>	<u><b>C07K 7 /-</b></u>	2017407567	2019203170
2016275764	<u><b>C07D 417 /-</b></u>	2016222755	2016222755	<u><b>C09D 163 /-</b></u>	2019240724
<u><b>C07D 275 /-</b></u>	2016316717	2016298317	2016279051	2016315246	<u><b>C12N 5 /-</b></u>
2016380889	2016330029	2017233994	2017213166	<u><b>C09D 175 /-</b></u>	2015215536
2016380892	2017228870	<u><b>C07H 21 /-</b></u>	2019202458	2017213139	2015232352
<u><b>C07D 303 /-</b></u>	2017389794	2016222755	<u><b>C08B 31 /-</b></u>	2017213139	2015290560
2019203282	2018374849	2016298317	2016347472	<u><b>C09J 161 /-</b></u>	2016243629
<u><b>C07D 311 /-</b></u>	2019201939	2017233994	<u><b>C08B 37 /-</b></u>	2017250624	2016282846
2016312305	<u><b>C07D 453 /-</b></u>	<u><b>C07J 73 /-</b></u>	2017236669	<u><b>C09D 175 /-</b></u>	2019203170
<u><b>C07D 335 /-</b></u>	2019222801	2017264187	2018216540	2017213139	2019264658
2016312305	<u><b>C07D 471 /-</b></u>	<u><b>C07K 1 /-</b></u>	<u><b>C08F 220 /-</b></u>	<u><b>C09D 5 /-</b></u>	<u><b>C12N 7 /-</b></u>
<u><b>C07D 401 /-</b></u>	2016316717	2017213166	2017407567	2017213139	2015276235
2016275764	2018369091	2019203712	<u><b>C08F 8 /-</b></u>	<u><b>C09J 161 /-</b></u>	<u><b>C12N 9 /-</b></u>
2016316717	2018374849	<u><b>C07K 11 /-</b></u>	2015362659	2017250624	2014369232
2016330029	2019201939	2016363006	<u><b>C08G 18 /-</b></u>	<u><b>C09J 175 /-</b></u>	2015212842
2016381152	2019222801	2018374849	2016257911	2017250624	2015277261
2017242225	<u><b>C07D 487 /-</b></u>	<u><b>C07K 14 /-</b></u>	<u><b>C08G 59 /-</b></u>	<u><b>C09J 5 /-</b></u>	2019203712
2017256505	2016297087	2015265624	2016315246	2017250624	<u><b>C12P 1 /-</b></u>
2017363699	2016297608	2016222755	<u><b>C08J 3 /-</b></u>	<u><b>C09K 8 /-</b></u>	2015332095
2017389794	2016316717	2016244750	2018216540	2020201160	<u><b>C12P 21 /-</b></u>
<u><b>C07D 403 /-</b></u>	2016330029	2016264323	<u><b>C08J 5 /-</b></u>	<u><b>C11B 1 /-</b></u>	2019203955
2016275764	2016381152	2016274175	2016299258	2015332095	<u><b>C12P 7 /-</b></u>
2016316717	2017242225	2016289754	2016347472	2017213139	2014369232
2016330029	2018374849	2016347636	2018376272	2017232921	2015277261
2016330030	2020205355	2016363006	<u><b>C08J 9 /-</b></u>	<u><b>C12M 1 /-</b></u>	2015332095
2017290238	<u><b>C07D 491 /-</b></u>	2017276698	2017213139	2016242939	<u><b>C12Q 1 /-</b></u>
2017389794	2018374849	2019204773	<u><b>C08K 3 /-</b></u>	2016242996	2017261820
2019201939	2019201939	2019204921	2018376272	2016263438	2018241132
<u><b>C07D 405 /-</b></u>	<u><b>C07D 493 /-</b></u>	2019204925	<u><b>C08K 5 /-</b></u>	<u><b>C12M 3 /-</b></u>	2019203170
2016275764	2017281228	2015232352	2016299258	2016242939	2020233660
2016316717	2019201939	2015265457	2016347472	<u><b>D06F 25 /-</b></u>	<u><b>C12Q 3 /-</b></u>
2016330029	<u><b>C07D 495 /-</b></u>	2015265624	2018376272	2016204988	2015332095
2016330030	2017281228	2015271685	<u><b>C08J 9 /-</b></u>	<u><b>D06F 33 /-</b></u>	2015332207
2016381152	2019201939	2015276153	2017213139	<u><b>D06F 25 /-</b></u>	2017261820
2017242225	<u><b>C07D 498 /-</b></u>	2015287227	2018376272	<u><b>D06F 33 /-</b></u>	2018241132
2017256505	2018349259	2015321517	<u><b>C08K 3 /-</b></u>	<u><b>D06F 25 /-</b></u>	2019203170
2017363699	2018374849	2015367329	<u><b>C08K 5 /-</b></u>	<u><b>D06F 33 /-</b></u>	2020233660
2017389794	<u><b>C07D 513 /-</b></u>	2016222755	2016299258	<u><b>D06F 25 /-</b></u>	<u><b>D06F 33 /-</b></u>
<u><b>C07D 403 /-</b></u>	2017281228	2016317915	2016347472	<u><b>D06F 33 /-</b></u>	<u><b>D06F 33 /-</b></u>
2016275764	2019201939	2019200803			
2016316717	<u><b>C07D 498 /-</b></u>				
2016330029	2018349259				
2016330030	2018374849				
2019201939	<u><b>C07D 513 /-</b></u>				
2019203282	2017281228				
<u><b>C07D 407 /-</b></u>	2019201939				
2016316717					

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2016204988	2019200452 2019201305	2015400261	2018239789	2015311623 2016208251	<b><u>G02B 26 /-</u></b> 2018239789
<b><u>D06F 39 /-</u></b>	<b><u>E04G 9 /-</u></b>	<b><u>F04D 31 /-</u></b>	<b><u>F26B 3 /-</u></b>	<b><u>G01N 23 /-</u></b>	<b><u>G02B 27 /-</u></b>
2016204988	2016265049	2015400261	2017250624	2016228208	2018412530
<b><u>D06F 57 /-</u></b>	<b><u>E04H 1 /-</u></b>	<b><u>F04D 9 /-</u></b>	<b><u>F26B 5 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G02B 5 /-</u></b>
2019255578	2019200056	2018304477	2017250624	2015312013	2019232777
<b><u>D06F 58 /-</u></b>	<b><u>E04H 5 /-</u></b>	<b><u>F15B 15 /-</u></b>	<b><u>F41A 19 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G02B 6 /-</u></b>
2016204988	2015370942	2019200220	2016231140	2019202439	2015301630
<b><u>D06M 11 /-</u></b>	<b><u>E04H 9 /-</u></b>	<b><u>F16B 1 /-</u></b>	<b><u>F41H 1 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G02C 7 /-</u></b>
2017213139	2015370942	2019202881	2016355540	2014373623 2015276153 2015308987	2019232777
<b><u>D06M 15 /-</u></b>	<b><u>E05B 65 /-</u></b>	<b><u>F16B 23 /-</u></b>	<b><u>F42D 1 /-</u></b>	2015311623 2015312013 2015325043 2015367329 2015400261 2016222755 2017323139 2018241132 2019203170 2019232815	<b><u>G02F 1 /-</u></b> 2016275577
2017213139	2019201305	2016247936	2016260873 2018413679 2019317631		<b><u>G03F 1 /-</u></b>
<b><u>E02D 27 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F16B 37 /-</u></b>	<b><u>G01C 11 /-</u></b>		<b><u>G03F 1 /-</u></b>
2016265049	2019200233	2017285917	2015238768		2017330513
<b><u>E02D 5 /-</u></b>	<b><u>E21B 19 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>G01C 21 /-</u></b>		<b><u>G03G 21 /-</u></b>
2018425105	2019200220	2016202783	2018300280 2018345524 2019202788		2019203110
<b><u>E02F 3 /-</u></b>	<b><u>E21B 23 /-</u></b>	<b><u>F16L 3 /-</u></b>		<b><u>G01N 9 /-</u></b>	<b><u>G05B 19 /-</u></b>
2018384989	2020256342	2016202783		2015401500	2016341525
<b><u>E02F 9 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F23K 5 /-</u></b>	<b><u>G01C 22 /-</u></b>	<b><u>G01R 15 /-</u></b>	<b><u>G05D 1 /-</u></b>
2016247936 2018393126	2017350521 2020256342	2018216390	2015238768	2015365620	2018384989
<b><u>E03C 1 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F23L 7 /-</u></b>	<b><u>G01C 3 /-</u></b>	<b><u>G01R 19 /-</u></b>	<b><u>G05D 19 /-</u></b>
2016297330	2018304477	2018216390	2015238768	2015365620	2018388449
<b><u>E03F 1 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F23N 3 /-</u></b>	<b><u>G01D 5 /-</u></b>	<b><u>G01R 21 /-</u></b>	<b><u>G06F 1 /-</u></b>
2018229753	2017435485 2018283423 2019317631	2017201616	2016372328	2015365620	2019272063
<b><u>E03F 5 /-</u></b>	<b><u>E21D 1 /-</u></b>	<b><u>F23R 3 /-</u></b>	<b><u>G01F 17 /-</u></b>	<b><u>G01R 22 /-</u></b>	<b><u>G06F 16 /-</u></b>
2016297330	2018413679	2018216390	2019317631	2015365620	2015281798 2017355537 2017424116 2018246770 2018318039 2019208146
<b><u>E04B 1 /-</u></b>	<b><u>E21F 17 /-</u></b>	<b><u>F24F 11 /-</u></b>	<b><u>G01F 23 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 17 /-</u></b>
2015370942 2019200056 2019202881	2017435485	2017201616	2015401500	2018285898	
<b><u>E04B 5 /-</u></b>	<b><u>F02B 75 /-</u></b>	<b><u>F24F 13 /-</u></b>	<b><u>G01H 9 /-</u></b>	<b><u>G01R 33 /-</u></b>	
2016265049 2019202881	2016338690	2017265070	2016372328	2017407344	2015203557 2015261561 2019271890 2019271891 2019271892
<b><u>E04D 13 /-</u></b>	<b><u>F02C 3 /-</u></b>	<b><u>F24F 7 /-</u></b>	<b><u>G01J 3 /-</u></b>	<b><u>G01S 17 /-</u></b>	
2017252608	2018216390	2017265070	2016201122	2015238768 2019317631	
<b><u>E04G 1 /-</u></b>	<b><u>F02D 35 /-</u></b>	<b><u>F24S 23 /-</u></b>	<b><u>G01M 17 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06F 21 /-</u></b>
2019200452	2016338690	2018211923	2015207894	2016200686 2016200911 2016372328	2015218542 2019210633 2019271890 2019271891 2019271892 2019308828
<b><u>E04G 11 /-</u></b>	<b><u>F03D 7 /-</u></b>	<b><u>F24T 50 /-</u></b>	<b><u>G01M 3 /-</u></b>	<b><u>G01V 3 /-</u></b>	
2016265049	2018374068	2019208168	2015401500		
<b><u>E04G 5 /-</u></b>	<b><u>F04D 13 /-</u></b>	<b><u>F25D 21 /-</u></b>	<b><u>G01N 1 /-</u></b>		
		2018239789	2015203847		
		<b><u>F25D 23 /-</u></b>	<b><u>G01N 21 /-</u></b>		

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<b><u>G06F 3 /-</u></b>	2015203557	<b><u>H02J 7 /-</u></b>	<b><u>H04N 7 /-</u></b>
2019213340	<b><u>G08B 25 /-</u></b>	2016317031	2015218542
2019240704	2016432433	2018211923	<b><u>H04R 1 /-</u></b>
<b><u>G06F 40 /-</u></b>	<b><u>G08G 1 /-</u></b>	<b><u>H02P 7 /-</u></b>	2016372328
2017424116	2020204157	2018388449	<b><u>H04S 1 /-</u></b>
2018337034	<b><u>G09G 5 /-</u></b>	<b><u>H02S 20 /-</u></b>	2016311335
2020201298	2016244065	2018410566	<b><u>H04S 3 /-</u></b>
<b><u>G06F 9 /-</u></b>	<b><u>G10L 15 /-</u></b>	<b><u>H03F 19 /-</u></b>	2016311335
2019201945	2017355537	2018362084	<b><u>H04S 7 /-</u></b>
<b><u>G06K 17 /-</u></b>	2017424116	<b><u>H03F 7 /-</u></b>	2016311335
2015261561	2019208146	2018362084	<b><u>H04W 28 /-</u></b>
<b><u>G06K 9 /-</u></b>	<b><u>G10L 19 /-</u></b>	<b><u>H03K 19 /-</u></b>	2017369313
2015203557	2018363670	2018364955	2018263098
2015218542	2019216363	<b><u>H04B 10 /-</u></b>	2019236727
2019208146	<b><u>G10L 25 /-</u></b>	2016275577	<b><u>H04W 4 /-</u></b>
<b><u>G06N 3 /-</u></b>	2017355537	<b><u>H04B 7 /-</u></b>	2018219188
2017355537	2018363670	2017336900	2018291850
2018406532	<b><u>G21K 1 /-</u></b>	2019276731	2018345524
2020201298	2018412530	<b><u>H04L 12 /-</u></b>	2019246799
<b><u>G06N 99 /-</u></b>	<b><u>H01F 41 /-</u></b>	2016256717	<b><u>H04W 48 /-</u></b>
2018406532	2019264657	2016369256	2016285708
<b><u>G06Q 10 /-</u></b>	<b><u>H01F 5 /-</u></b>	2019276708	<b><u>H04W 76 /-</u></b>
2015270299	2019264657	<b><u>H04L 29 /-</u></b>	2017369313
2016208998	<b><u>H01H 33 /-</u></b>	2016369256	2019276708
2020220088	2019357876	2019246799	<b><u>H05H 1 /-</u></b>
<b><u>G06Q 20 /-</u></b>	<b><u>H01H 9 /-</u></b>	2019276708	2015329934
2015334634	2019357876	<b><u>H04L 9 /-</u></b>	2016304686
2017301640	2019357876	2016386405	
<b><u>G06Q 30 /-</u></b>	<b><u>H01L 31 /-</u></b>	2017239211	
2015308717	2020203989	<b><u>H04M 1 /-</u></b>	
2017301640	<b><u>H01M 8 /-</u></b>	2016256717	
2019240704	2016289094	2018274373	
<b><u>G06Q 40 /-</u></b>	<b><u>H01S 3 /-</u></b>	2019204571	
2018337034	2015301630	<b><u>H04M 3 /-</u></b>	
<b><u>G06Q 50 /-</u></b>	<b><u>H02H 1 /-</u></b>	2019240704	
2020204157	2019210620	2019276708	
<b><u>G06T 1 /-</u></b>	<b><u>H02J 1 /-</u></b>	<b><u>H04N 13 /-</u></b>	
2015238768	2016317031	2015238768	
<b><u>G06T 7 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2015238768	2016317031	2018341190	
2016341525	2016317031	2019210530	
<b><u>G07C 11 /-</u></b>	2016317031	<b><u>H04N 21 /-</u></b>	
2015270299	2018374068	2019279902	
<b><u>G07C 5 /-</u></b>			

**Certified Innovation Patents**

**Name Index**

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

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(71) Apple Inc.  
 (11) AU-B-2020102402  
 (21) 2020102402 (22) 24.09.2020  
 (54) Attention aware virtual assistant dismissal  
 (51) Int. Cl.  
     *G06F 3/16* ( 2006.01 )  
     *G06F 3/048* ( 2013.01 )  
 (31) 16/885027 (32) 27.05.20 (33) US  
 (45) 18.02.2021  
 (62) PCT/US2019/024968  
 (72) HINDI, Musa M.; DASARI, Rohit;  
     TRAN, Trungtin  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Kegspeed, LLC  
 (11) AU-B-2020102298  
 (21) 2020102298 (22) 16.09.2020  
 (54) DISTRIBUTION NETWORK FOR MONITORING, CONTROLLING AND OPTIMIZING FLOW OF LIQUID BEVERAGE PRODUCTS DELIVERED TO CUSTOMERS VIA CONTAINERS  
 (51) Int. Cl.  
     *G06Q 10/00* ( 2006.01 )  
     *B67D 1/08* ( 2006.01 )  
     *G06K 7/08* ( 2006.01 )  
     *G06K 7/10* ( 2006.01 )  
     *G06K 17/00* ( 2006.01 )  
     *G06Q 10/08* ( 2012.01 )  
 (45) 18.02.2021  
 (62) 2019101641  
 (72) JONES, Timothy L.  
 (74) WRAYS PTY LTD

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(71) RFD (Australia) Pty Ltd  
 (11) AU-B-2019101454  
 (21) 2019101454 (22) 26.11.2019  
 (54) Fluid fill systems and methods for self-contained breathing apparatus  
 (51) Int. Cl.  
     *F17C 5/06* ( 2006.01 )  
     *F17C 7/00* ( 2006.01 )  
 (45) 18.02.2021  
 (72) Vitor, Cedo  
 (74) FB Rice Pty Ltd

**Numerical Index**

2019101454 RFD (Australia) Pty Ltd  
2020102298 Kegspeed, LLC  
2020102402 Apple Inc.

**IPC Index**

**B67D 1 /-**

2020102298

**F17C 5 /-**

2019101454

**F17C 7 /-**

2019101454

**G06F 3 /-**

2020102402

**G06K 17 /-**

2020102298

**G06K 7 /-**

2020102298

**G06Q 10 /-**

2020102298



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Withdrawn - Proceed to Grant**

2019202132 **Wyeth LLC** ( Merck Sharp & Dohme Corp. )

**Patents Granted**

**Standard Patents**

2014265487	2014273085	2014277626	2014279815
2014280959	2014280962	2014287393	2014296212
2014314140	2014331776	2014347816	2014361834
2014385799	2014385800	2014403581	2014405884
2014407539	2014414862	2014415242	2015202220
2015213486	2015220777	2015229591	2015233067
2015235020	2015235967	2015238902	2015243537
2015244491	2015250268	2015250760	2015253381
2015254596	2015261586	2015265698	2015268686
2015271655	2015277194	2015283905	2015289387
2015289643	2015292678	2015292882	2015295242
2015301040	2015308381	2015310545	2015313179
2015314895	2015315310	2015317815	2015322112
2015327723	2015334593	2015336930	2015338968
2015340387	2015343332	2015348633	2015349024
2015349614	2015350069	2015357560	2015359030
2015365715	2015369185	2015371726	2015372442
2015394033	2015395724	2015398683	2015401565
2015406993	2015413687	2016200664	2016201090
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2016203095	2016203218	2016203400	2016203943
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2016208248	2016209332	2016209492	2016209626
2016214119	2016214124	2016216355	2016217797
2016220373	2016221488	2016224887	2016224975
2016225781	2016226443	2016226468	2016226699
2016228806	2016229845	2016230828	2016231256
2016231655	2016234222	2016235121	2016235124
2016237412	2016240119	2016240316	2016243411
2016244248	2016244783	2016244872	2016245864
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2016250816	2016251949	2016252869	2016253006
2016253008	2016255430	2016255732	2016255775
2016256436	2016256569	2016259056	2016259279
2016259758	2016261077	2016261122	2016262085
2016262969	2016263179	2016263539	2016264212
2016264218	2016264412	2016265203	2016266432
2016268388	2016269705	2016270539	2016271853
2016273347	2016273409	2016274790	2016275297
2016276134	2016278990	2016279332	2016281466
2016281812	2016282428	2016285820	2016288209
2016289079	2016289265	2016297077	2016297643
2016297823	2016301035	2016302166	2016302869
2016303026	2016304387	2016304445	2016304601
2016305250	2016306707	2016308793	2016309397
2016309784	2016309785	2016309788	2016311295
2016314023	2016316784	2016322351	2016323425
2016323778	2016325108	2016329614	2016330013
2016331028	2016331512	2016331655	2016333725
2016336032	2016337413	2016339066	2016339551
2016342197	2016342205	2016342523	2016342564
2016348404	2016348441	2016354052	2016355058
2016356488	2016359431	2016361461	2016361906
2016364026	2016364722	2016368402	2016368433
2016369652	2016374659	2016380259	2016381713
2016381768	2016382189	2016385256	2016401691
2016405227	2016408376	2016426891	2016429412
2016432617	2016433456	2017214105	2017217804
2017217931	2017225296	2017226499	2017235608
2017238088	2017239900	2017242905	2017243826

**Patents Granted**

**Standard Patents**

2017245125	2017245244	2017247463	2017247966
2017253320	2017266268	2017275820	2017278484
2017285260	2017286140	2017289297	2017290237
2017292582	2017296088	2017313171	2017322746
2017324050	2017326116	2017326754	2017327711
2017330377	2017332137	2017336736	2017338585
2017338736	2017341402	2017342156	2017342863
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2019204130	2019204455	2019204516	2019204614
2019204649	2019204672	2019204909	2019204995
2019205004	2019206037	2019206136	2019207527
2019208251	2019208261	2019210584	2019210603
2019210656	2019212558	2019213407	2019216707
2019217349	2019219710	2019219737	2019219822
2019233963	2019234822	2019240653	2019243660
2019243976	2019246753	2019246765	2019246783
2019247334	2019250194	2019253650	2019257459
2019261738	2019262089	2019264556	2019266400
2019268213	2019272126	2019275632	2019280033
2019283992	2020200350	2020201064	2020202975
2020203049	2020203679	2020203967	2020208364

**Innovation Patents**

2020103344	2020103713	2020103774	2020103858
2020103861	2020103945	2020103955	2020103959

**Patents Granted**

**Innovation Patents**

2020103962	2020103963	2020103965	2020103966
2020103967	2020103968	2020103969	2020103970
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2020104011	2020104012	2020104013	2020104014
2020104015	2020104016	2020104018	2020104019
2020104020	2020104021		

**Revocation**

It is hereby notified that as a consequence of a decision by the Commissioner dated 01.02.2021, Patent 2020102512 in the name of **Gupta, D.; Reddy, B.S.; Thakare, A.; Krishna, P.V.; Kalyampudi, P.L.; Saritha, V.; Nagpure, S.G.; Chordiya, S.B.; Yadav, S.** has been revoked in relation to Revoked by Decision of Delegate under of the Patents Act.

**Assignments Registered**

2001037608	GW Pharma Limited	The patent has been assigned to <b>GW Research Limited</b>
2001055020	Alcon Inc.	The patent has been assigned to <b>Alcon Inc.</b>
2002231970	GW Pharma Limited	The patent has been assigned to <b>GW Research Limited</b>
2002322897	BlackBerry Limited	The patent has been assigned to <b>Huawei Technologies Co., Ltd.</b>
2002339370	Siemens & Co. Heilwasser Und Quellenproducte Des Staatsbades Bad Ems GmbH & Co. KG	The patent has been assigned to <b>Sidroga Gesellschaft für Gesundheitsprodukte mbH</b>
2003226409	GSG Holdings, Inc.	The patent has been assigned to <b>Hayward Industries, Inc.</b>
2003230069	GE Healthcare Bio-Sciences Company	The patent has been assigned to <b>GLOBAL LIFE SCIENCES SOLUTIONS CANADA ULC</b>
2003253005	GW Pharma Limited	The patent has been assigned to <b>GW Research Limited</b>
2004248178	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2004254110	Clasado Inc.	The patent has been assigned to <b>Clasado Research Services Limited</b>
2004284713	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2005231858	Barber, Robert	The patent has been assigned to <b>Ability Construction Materials Pty Ltd</b>
2005244072	AbGenomics Cooperatief U.A.	The patent has been assigned to <b>AltruBio Inc.</b>
2005251505	GW Pharma Limited	The patent has been assigned to <b>GW Research Limited</b>

**Assignments Registered**

2006243000	GlaxoSmithKline Intellectual Property Development Limited	The patent has been assigned to <b>Macrophage Pharma Limited</b>
2007203106	GSG Holdings, Inc.	The patent has been assigned to <b>Hayward Industries, Inc.</b>
2007211356	Clasado Inc.	The patent has been assigned to <b>Clasado Research Services Limited</b>
2007219309	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2007221100	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2007356895	CELONOVA BIOSCIENCES, INC.	The patent has been assigned to <b>Varian Medical Systems, Inc.</b>
2008201277	Alcon, Inc.	The patent has been assigned to <b>Alcon Inc.</b>
2008258826	Fluid Logistics IP UG	The patent has been assigned to <b>FL Technology GmbH</b>
2009202434	GW Pharma Limited	The patent has been assigned to <b>GW Research Limited</b>
2009219926	Glaxosmithkline Intellectual Property Development Limited	The patent has been assigned to <b>Macrophage Pharma Limited</b>
2009225444	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2009225446	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2009225455	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2009225460	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2009241426	Ansell Healthcare Products LLC	The patent has been assigned to <b>LifeStyles Healthcare Pte. Ltd.</b>
2009322081	The University of Melbourne	The patent has been assigned to <b>Clarity Pharmaceuticals Ltd</b>
2009347008	Clasado Inc.	The patent has been assigned to <b>Clasado Research Services Limited</b>
2010240642	Clasado Inc.	The patent has been assigned to <b>Clasado Research Services Limited</b>
2010326600	Intrepida Bio, Inc.	The patent has been assigned to <b>Biouniversa S.r.l.</b>
2011200513	Orthofix Spinal Implants Inc.	The patent has been assigned to <b>Orthofix US LLC</b>
2011203321	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2011242592	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2011254053	Eaton Intelligent Power Limited	The patent has been assigned to <b>Signify Holding B.V.</b>
2011267476	ADA Cosmetic GmbH	The patent has been assigned to <b>ADA Cosmetics International GmbH</b>

**Assignments Registered**

2011308655 Varel International, Ind., L.P. The patent has been assigned to **Sandvik Mining and Construction Tools AB**

2011326572 Primus Green Energy Inc. The patent has been assigned to **Bluescape Clean Fuels, LLC.**

2011328285 SMA Solar Technology AG; Adensis GmbH The patent has been assigned to **SMA Solar Technology AG**

2011348702 SBC Virbac Limited The patent has been assigned to **Virbac H.K. Trading Limited**

2012101691 Coughran, Nathan The patent has been assigned to **Breeze-ins Pty Ltd**

2012203730 Clasado Inc. The patent has been assigned to **Clasado Research Services Limited**

2012223464 Eaton Intelligent Power Limited The patent has been assigned to **Signify Holding B.V.**

2012239873 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2012268832 Eaton Intelligent Power Limited The patent has been assigned to **Signify Holding B.V.**

2012271845 AbGenomics Cooperatief U.A. The patent has been assigned to **AltruBio Inc.**

2012284583 Varel International, Ind., L.P. The patent has been assigned to **Sandvik Mining and Construction Tools AB**

2012286564 Sivacoe, Orlande The patent has been assigned to **SIVACOE, LUISA**

2012350146 The University of Melbourne The patent has been assigned to **Clarity Pharmaceuticals Ltd**

2012350147 The University of Melbourne The patent has been assigned to **Clarity Pharmaceuticals Ltd**

2012362196 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2013201177 EBAY INC. The patent has been assigned to **PayPal, Inc.**

2013215075 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2013240557 Varel International Ind., L.P. The patent has been assigned to **Sandvik Mining and Construction Tools AB**

2013279604 INTREPIDA BIO, INC. The patent has been assigned to **Biouniversa S.r.l.**

2013290010 Primus Green Energy Inc. The patent has been assigned to **Bluescape Clean Fuels, LLC.**

2013341225 Eaton Intelligent Power Limited The patent has been assigned to **Signify Holding B.V.**

2013354226 Bayer Pharma Aktiengesellschaft The patent has been assigned to **Bayer Animal Health GmbH**

2014100093 Coughran, Nathan The patent has been assigned to **Breeze-ins Pty Ltd**

2014216156 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

**Assignments Registered**

2014235370 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2014242798 Clasado Inc The patent has been assigned to **Clasado Research Services Limited**

2014248622 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2014264103 Sichuan Haisco Pharmaceutical Co., Ltd. The patent has been assigned to **Haisco Innovative Pharmaceutical Pte. Ltd.**

2014288913 P.T.I.; Van Beveren, Petrus The patent has been assigned to **Duynie Sustainable Energy B.V.**

2014291181 Hydrogen Engineering Application & Development Company; Clean Planet Inc. The patent has been assigned to **Clean Planet Inc.**

2014304208 INTREPIDA BIO, INC. The patent has been assigned to **Biouniversa S.r.l.**

2014346778 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2014350744 Beijing Dabeinong Technology Group Co., Ltd.; Beijing Dabeinong Biotechnology Co., Ltd. The patent has been assigned to **Beijing Dabeinong Biotechnology Co., Ltd.**

2015202222 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2015290092 Dabney, Paul The patent has been assigned to **EMODs Technology, L.L.C.**

2015291412 Siemens Aktiengesellschaft The patent has been assigned to **Siemens Energy AS**

2015311394 Sichuan Haisco Pharmaceutical Co., Ltd. The patent has been assigned to **Haisco Innovative Pharmaceutical Pte. Ltd.**

2015318018 Synermore Biologics Co., Ltd. The patent has been assigned to **Synermore Biologics (Suzhou) Co. Ltd.**

2015415489 Siemens Ltd. The patent has been assigned to **Siemens Mobility Pty Ltd.**

2016100472 GSG Holdings, Inc. The patent has been assigned to **Hayward Industries, Inc.**

2016100473 GSG Holdings, Inc The patent has been assigned to **Hayward Industries, Inc.**

2016101355 GSG Holdings, Inc. The patent has been assigned to **Hayward Industries, Inc.**

2016102102 GSG Holdings, Inc. The patent has been assigned to **Hayward Industries, Inc.**

2016102142 GSG Holdings, Inc. The patent has been assigned to **Hayward Industries, Inc.**

2016102214 GSG Holdings, Inc. The patent has been assigned to **Hayward Industries, Inc.**

2016204323 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**

2016212706 The University of Sydney The patent has been assigned to **Agerris Pty Ltd**

**Assignments Registered**

- 2016228052 Beijing Dabeinong Biotechnology Co., Ltd.; Beijing Dabeinong Technology Group Co., Ltd. The patent has been assigned to **Beijing Dabeinong Biotechnology Co., Ltd.**
- 2016228053 Beijing Dabeinong Technology Group Co., Ltd.; Beijing Dabeinong Biotechnology Co., Ltd. The patent has been assigned to **Beijing Dabeinong Biotechnology Co., Ltd.**
- 2016276806 Je Il Pharmaceutical Co., Ltd. The patent has been assigned to **Onconic Therapeutics Inc.**
- 2017203111 Primus Green Energy Inc. The patent has been assigned to **Bluescape Clean Fuels, LLC.**
- 2017213442 Varel International Ind., L.P. The patent has been assigned to **Sandvik Mining and Construction Tools AB**
- 2017228540 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**
- 2017282817 Advanced New Technologies Co., Ltd. The patent has been assigned to **Ant Financial (Hang Zhou) Network Technology Co., Ltd.**
- 2017285709 The University of Sydney The patent has been assigned to **Agerris Pty Ltd**
- 2017382555 Fiskars Oyj Abp The patent has been assigned to **Fiskars Finland Oy Ab**
- 2018100752 GSG Holdings, Inc. The patent has been assigned to **Hayward Industries, Inc.**
- 2019101435 Select Water Tanks Pty Ltd The patent has been assigned to **Cooper, Michael**
- 2019101583 Advanced New Technologies Co., Ltd. The patent has been assigned to **Ant Financial (Hang Zhou) Network Technology Co., Ltd.**
- 2019101771 TTI (Macao Commercial Offshore) Limited The patent has been assigned to **Techtronic Floor Care Technology Limited**
- 2019101773 TTI (Macao Commercial Offshore) Limited The patent has been assigned to **Techtronic Floor Care Technology Limited**
- 2019101775 TTI (Macao Commercial Offshore) Limited The patent has been assigned to **Techtronic Floor Care Technology Limited**
- 2019201239 Orthofix Spinal Implants Inc. The patent has been assigned to **Orthofix US LLC**
- 2020102443 Wijesekara, Dassana The patent has been assigned to **WSO2, Inc**

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

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

- 2011201589 Norton, K.; Norton, D. ( D. Norton Enterprises Pty Ltd )
- 2020102918 Polaris IP Pty Ltd ( Glass Hardware Australia Pty Ltd )

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

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

- 2015203937 Lime Instruments LLC ( SouthStar Financial, LLC )
- 2015352545 ADC Therapeutics SA; MedImmune Limited ( Deerfield Partners, L.P. )

**Corrigenda**

In Vol 31 , No 15 , Page(s) 2290 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Société des Produits Nestlé S.A. Application No. 2015373505, Under INID (72) add co-inventor Schmied, Christian

In Vol 32 , No 8 , Page(s) 1118 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Dana-Farber Cancer Institute, Inc., Application No. 2016304856, under INID (72) correct the co-inventor to Bradner, James E.

In Vol 33 , No 23 , Page(s) 3358 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Huei Meng Chang, Application No. 2017374845, Under INID (72) add co-inventor CHANG, Huei Meng

In Vol 34 , No 45 , Page(s) 6445 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Takeda Pharmaceutical Company Limited, Application No. 2019241765, under INID (72) correct the co-inventor to IWANAGA, Kouichi

In Vol 35 , No 3 , Page(s) 457 under the heading **Applications Accepted - Name Index** Under the name Dana-Farber Cancer Institute, Inc., Application No. 2016304856, under INID (72) correct the co-inventor to Bradner, James E.

In Vol 35 , No 6 , Page(s) 858 under the heading **Amendments - Application for Amendments** Under the name Dana-Farber Cancer Institute, Inc., Patent Application No. 2017254713 correct the date of the statements filed to 22 Dec 2020 and 27 Jan 2021

In Vol 35 , No 6 , Page(s) 917 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name of Modernatx, Inc., Application No. 2019293244, under INID (54) correct the title to read Personalized cancer vaccine epitope selection

**Specifications Republished**

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

- |            |                                                               |
|------------|---------------------------------------------------------------|
| 2015243289 | <b>Bio-Rad Europe GmbH</b>                                    |
| 2015243289 | <b>Bio-Rad Europe GmbH</b>                                    |
| 2016257113 | <b>Devrone Unlimited Company</b>                              |
| 2017395102 | <b>Nippon Steel Corporation; Vallourec Oil and Gas France</b> |
| 2018203602 | <b>United States Gypsum Company</b>                           |
| 2018203963 | <b>Depuy Ireland Unlimited Company</b>                        |
| 2018226487 | <b>Dynamics Inc.</b>                                          |
| 2018254004 | <b>Nova Chemicals (International) S.A.</b>                    |
| 2019200201 | <b>Boehringer Ingelheim Animal Health USA Inc.</b>            |