



**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**

*Amazon Technologies, Inc. [2021] APO 7*

Patent Application: 2018204629

Title: ROLLING RESOURCE CREDITS FOR SCHEDULING OF VIRTUAL  
COMPUTER RESOURCES

Patent Applicant: Amazon Technologies, Inc.

Delegate: Mr Kevin Restrick

Decision Date: 16 February 2021

Hearing Date: Written submissions filed on 11 September 2020

Catchwords: **PATENTS** - standard patent – examiner objection – manner of manufacture  
– substance of the invention resides in the rules for a scheme where in  
exchange for resource credits work requests are scheduled on computing  
resources based on business rules that define a baseline guaranteed level of  
computing service and a burst level of performance – all claims lack a  
manner of manufacture – no patentable subject matter in application –  
application refused

Representation: Phillips Ormonde Fitzpatrick

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 9 Feb 2021 .

(71) 3 Bright Minz Pty Ltd (21) 2021900358 (22) 12.02.2021 (54) Recovery of Metals	(71) BAILEY, J. (21) 2021900339 (22) 11.02.2021 (54) Continuous Flow Steam Boiler Utilising Seawater as Feedstock	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021900328 (22) 10.02.2021 (54) METHODS FOR PRODUCING TREATED MONOGASTRIC MANURE
(71) Adgile Technologies Pte. Ltd (21) 2021900316 (22) 10.02.2021 (54) SYSTEMS AND METHODS FOR PASSIVELY IDENTIFYING AND TRACKING ADVERTISEMENTS	(71) Barrington Transport Solutions Pty Ltd (21) 2021900315 (22) 10.02.2021 (54) STEP DEVICE FOR USE IN A PLAT-FORM GAP	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021900331 (22) 11.02.2021 (54) Mobile Internal Heat Accelerated Concrete Curing Using Water
(71) Advance NanoTek Ltd.; Astivita Limited (21) 2021900357 (22) 12.02.2021 (54) Sunscreen	(71) Bliis Innovations Pty Ltd (21) 2021900346 (22) 12.02.2021 (54) Camera Mount	(71) CWEK PTY LTD (21) 2021900337 (22) 11.02.2021 (54) Switchable eutectic solvent for the extraction and purification of cannabinoids from cannabis plant material.
(71) Alatrash, M. (21) 2021900298 (22) 09.02.2021 (54) Future Mouths Training & Technology	(71) Boyle, S. (21) 2021900300 (22) 09.02.2021 (54) Wearable and/or Attachable Personal Shark Deterrent Device/Tag	(71) DELPORT, P.; Dominic Delpont (21) 2021900329 (22) 10.02.2021 (54) Convective Heat Engine
(71) Ali Deeb (21) 2021900308 (22) 09.02.2021 (54) Sports Guard	(71) BROLOCK PTY LTD (21) 2021900297 (22) 09.02.2021 (54) A HINGE AND METHOD OF ATTACHMENT	(71) Dilkes, R. (21) 2021900330 (22) 11.02.2021 (54) BATTERY MANAGEMENT SYSTEM INCORPORATING A ONE-WIRE LINK WITH SEPARATELY DETECTABLE HIGH AND LOW CELL VOLTAGE SIGNALING
(71) AMA Empire Pty Ltd (21) 2021900294 (22) 08.02.2021 (54) A METHOD AND SYSTEM FOR REAL ESTATE MANAGEMENT	(71) Building Assurance Technologies Pty Ltd (21) 2021900295 (22) 08.02.2021 (54) A COMPUTER IMPLEMENTED SYSTEM FOR MANAGING BUILDING ASSURANCE AND COMPLIANCE ON AN ASSET	(71) Dobson, S. (21) 2021900234 (22) 03.02.2021 (54) Personal Hand-held Flying Insect Deterrent Device. A low cost, light weight hand-held device designed to maintain personal comfort, used in a swishing or back and forth motion to deter or otherwise incapacitate flying insects, including though not limited to household flies, horse and stable flies and mosquitoes. The device comprises one handle, one rod and a number of tassels/ strips or braidings. Typical construction of its
(71) ANNALISE-AI PTY LTD (21) 2021900349 (22) 12.02.2021 (54) Automated Analysis of Radiology Images	(71) Clever Power Pty Ltd (21) 2021900351 (22) 12.02.2021 (54) Gasification process	
(71) Aristocrat Technologies Australia Pty Limited (21) 2021900305 (22) 09.02.2021 (54) GAMING DEVICE WITH FUNCTIONAL WIN CELEBRATION ANIMATION	(71) Coeus Research and Development Pty Ltd (21) 2021900347 (22) 12.02.2021 (54) Systems and methods for monitoring activities in an aviation environment	
Astivita Limited see Advance NanoTek Ltd. (21) 2021900357		

Provisional Applications Filed - Name Index cont'd

main components are its Rod with fiber-glass, wood, plastic or cane and its Tas-sels with swede, leather or animal hair.

**Dominic Delport see DELPORT, P.**

(21) 2021900329

(71) Dunbar, J.; McErvale, G.  
(21) 2021900362 (22) 14.02.2021  
(54) Tab-Sleeve

(71) E-Access Pty Ltd  
(21) 2021900307 (22) 09.02.2021  
(54) Remotely Actuating System

(71) EnCeres Asia Pte Ltd  
(21) 2021900317 (22) 10.02.2021  
(54) A SYSTEM FOR GENERATING ELEC-TRICITY

(71) EYE CO PTY LTD  
(21) 2021900356 (22) 12.02.2021  
(54) TREATMENT OF ANTI-VEGF RE-FRACTORY OPHTHALMIC RETINAL EYE CONDITIONS

(71) Fletcher, P.  
(21) 2021900350 (22) 12.02.2021  
(54) WILDFIRE INTERVENTION SYSTEM AND IMPLEMENTATION METHOD

(71) Gay, N.  
(21) 2021900314 (22) 10.02.2021  
(54) A non-slip tacky liquid formulation for eyeglass nose pads

(71) Good Water Energy Ltd  
(21) 2021900321 (22) 10.02.2021  
(54) A GEOTHERMAL PUMPING STATION

(71) Good Water Energy Ltd  
(21) 2021900322 (22) 10.02.2021  
(54) A GEOTHERMAL DESALINATION AND PUMPING SYSTEM

(71) Hamiltonian Holdings Pty Ltd  
(21) 2021900333 (22) 11.02.2021  
(54) IMPROVED TACTILE GROUND SUR-FACE INDICATOR

(71) Imitex Pty Ltd  
(21) 2021900325 (22) 10.02.2021  
(54) Compounds for improved health

(71) Imtrade Australia Pty Ltd  
(21) 2021900289 (22) 08.02.2021  
(54) Pesticide formulation comprising bifenazate

(71) Incannex Healthcare Limited  
(21) 2021900324 (22) 10.02.2021  
(54) A method of treatment

(71) International Consolidated Business Group Pty Ltd  
(21) 2021900335 (22) 11.02.2021  
(54) RECLOSABLE BAGS WITH MULTIPLE CLOSURES

(71) James Cook University  
(21) 2021900320 (22) 10.02.2021  
(54) Recombinant strains of Mycobacterium bovis BCG

(71) James Hardie Technology Limited  
(21) 2021900291 (22) 08.02.2021  
(54) An improved joint in a building section

(71) Justoy Pty Limited  
(21) 2021900304 (22) 09.02.2021  
(54) METHOD AND APPARATUS FOR HANDLING COMPONENTS OF A VEHICLE WHEEL ASSEMBLY

(71) kambouris, a.  
(21) 2021900360 (22) 14.02.2021  
(54) Resealable metal beverage container

(71) KEYLEAD PTY LTD  
(21) 2021900334 (22) 11.02.2021  
(54) Detecting motor imagery (MI) tasks from brain biosignals

(71) Keyzell Holding S.L.  
(21) 2021900290 (22) 08.02.2021  
(54) Compositions for the treatment and prevention of cancer

(71) Lygon 1B Pty Ltd  
(21) 2021900306 (22) 09.02.2021  
(54) Distributed ledger technology and bank guarantees

**McErvale, G. see Dunbar, J.**  
(21) 2021900362

(71) Monash University  
(21) 2021900302 (22) 09.02.2021  
(54) Methods for fault location in electrical power line systems

(71) Monash University  
(21) 2021900342 (22) 11.02.2021  
(54) Formulations for improved bioavailability of fenretinide

(71) Monash University  
(21) 2021900354 (22) 12.02.2021  
(54) Antibodies for binding CCR6

(71) Monroe, J.  
(21) 2021900309 (22) 09.02.2021  
(54) Method for Boat Stabilizer System

(71) Navbit Holdings Pty Limited  
(21) 2021900293 (22) 08.02.2021  
(54) Intraoperative stereotaxic navigation systems

(71) Norton, D.  
(21) 2021900327 (22) 10.02.2021  
(54) Ridball

(71) Paradigm Fuels Pty Ltd  
(21) 2021900323 (22) 10.02.2021  
(54) Generating CO2 and Use of Generated CO2

(71) PENTA PTY. LTD.  
(21) 2021900343 (22) 11.02.2021  
(54) The process for producing meat-based, chip-like products

(71) Plush Dust Pty LTD  
(21) 2021900338 (22) 11.02.2021  
(54) Securing Device

(71) Potter, S.  
(21) 2021900313 (22) 10.02.2021  
(54) A strap winding rotor and method of utilisation thereof

(71) QMR (IP) PTY LTD  
(21) 2021900336 (22) 11.02.2021  
(54) REACTIVE GROUND TESTING

(71) Redenbach Legal  
(21) 2021900332 (22) 11.02.2021  
(54) Neurotechnological And Practice AI Learning Management (NAPALM) System

(71) ResMed Pty Ltd  
(21) 2021900353 (22) 12.02.2021  
(54) A Patient Interface

(71) Rewards4Earth Pty Ltd  
(21) 2021900352 (22) 12.02.2021  
(54) An Automated Loyalty Point Generation System

Provisional Applications Filed - Name Index cont'd

(71) Roberts, N.; Winichayakul, S.  
 (21) 2021900299 (22) 09.02.2021  
 (54) Modified acyltransferase polynucleotides, polypeptides, and methods of use

(71) Royal Melbourne Institute of Technology  
 (21) 2021900348 (22) 12.02.2021  
 (54) Oral therapeutic delivery

(71) Saluda Medical Pty Ltd  
 (21) 2021900311 (22) 09.02.2021  
 (54) Intra-stimulus recruitment control

(71) Search and Rescue Systems (Australia) Pty Ltd  
 (21) 2021900319 (22) 10.02.2021  
 (54) MARINE SEARCH AND RESCUE DEVICE AND METHOD

(71) Seeing Machines Limited  
 (21) 2021900340 (22) 11.02.2021  
 (54) EYE TRACKING SYSTEM WITH GLASSES REFLECTION MITIGATION

(71) Semcom Visual Communication Pty Ltd  
 (21) 2021900303 (22) 09.02.2021  
 (54) STACKABLE RETAIL DISPLAY UNIT

(71) Skinner, P.  
 (21) 2021900341 (22) 11.02.2021  
 (54) VOICE AMPLIFICATION DEVICE

(71) Soapii Pty Ltd  
 (21) 2021900361 (22) 14.02.2021  
 (54) A DISPENSER UNIT CONFIGURED TO MONITOR AND REPORT ON ASSOCIATED ACTIVITIES

(71) Spray Nozzle Engineering Pty Ltd  
 (21) 2021900292 (22) 08.02.2021  
 (54) An Aspirating Spray Nozzle Assembly

**Stringer, M.P. see Stringer, G.W.**  
 (21) 2021900326

(71) Stringer, G.W.; Stringer, M.P.  
 (21) 2021900326 (22) 10.02.2021  
 (54) A pillow for supporting the neck of a user

(71) Sweatman, A.  
 (21) 2021900310 (22) 09.02.2021  
 (54) Cable protector dispenser

(71) TECHNOBAKE PTY LTD  
 (21) 2021900301 (22) 09.02.2021  
 (54) Method of Terminating and Sealing Teflon tube

(71) Thai Union Group Public Company Limited  
 (21) 2021900296 (22) 08.02.2021  
 (54) Minimal Packaging Can Multipack System

(71) The University of Newcastle  
 (21) 2021900344 (22) 12.02.2021  
 (54) Moisture reducing roller conveyor system and method

(71) Van Dyke, L.  
 (21) 2021900312 (22) 09.02.2021  
 (54) Saddle Sweet Spot pad

(71) ViraLok Therapeutics Pty Ltd  
 (21) 2021900345 (22) 12.02.2021  
 (54) Agents and methods for therapy and prophylaxis

**Winichayakul, S. see Roberts, N.**  
 (21) 2021900299

(71) Xirtam Interactive  
 (21) 2021900282 (22) 07.02.2021  
 (54) The room air will pass through the 1st curing air cycle where the air will be filtered by the Carbon Filter then process by Ozone UV-C incubation room. The 2nd incubation curing air cycle is Hydro-Air Filtration when liquid molecules and particles will be purified by trapping dead particles and allergens from the air, and then it will pass through the neutralization area for humidity control. Then, for the 3rd curing cycle, the filtered air will go through inside the UV-C incubation room for final curation to be filtered by HEPA Filter Panel to produce high-quality air as CURED AIR.

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2021900234	Dobson, S.	2021900354	Monash University
2021900282	Xirtam Interactive	2021900356	EYE CO PTY LTD
2021900289	Imtrade Australia Pty Ltd	2021900357	Advance NanoTek Ltd.; Astivita Limited
2021900290	Keyzell Holding S.L.	2021900358	3 Bright Minz Pty Ltd
2021900291	James Hardie Technology Limited	2021900360	kambouris, a.
2021900292	Spray Nozzle Engineering Pty Ltd	2021900361	Soapii Pty Ltd
2021900293	Navbit Holdings Pty Limited	2021900362	Dunbar, J.; McErvale, G.
2021900294	AMA Empire Pty Ltd		
2021900295	Building Assurance Technologies Pty Ltd		
2021900296	Thai Union Group Public Company Limited		
2021900297	BROLOCK PTY LTD		
2021900298	Alatrash, M.		
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2021900300	Boyle, S.		
2021900301	TECHNOBAKE PTY LTD		
2021900302	Monash University		
2021900303	Semcom Visual Communication Pty Ltd		
2021900304	Justoy Pty Limited		
2021900305	Aristocrat Technologies Australia Pty Limited		
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2021900317	EnCeres Asia Pte Ltd		
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2021900321	Good Water Energy Ltd		
2021900322	Good Water Energy Ltd		
2021900323	Paradigm Fuels Pty Ltd		
2021900324	Incannex Healthcare Limited		
2021900325	Imitex Pty Ltd		
2021900326	Stringer, G.W.; Stringer, M.P.		
2021900327	Norton, D.		
2021900328	Commonwealth Scientific and Industrial Research Organisation		
2021900329	DELPOR, P.; Dominic Delpor		
2021900330	Dilkes, R.		
2021900331	Commonwealth Scientific and Industrial Research Organisation		
2021900332	Redenbach Legal		
2021900333	Hamiltonian Holdings Pty Ltd		
2021900334	KEYLEAD PTY LTD		
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2021900336	QMR (IP) PTY LTD		
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2021900338	Plush Dust Pty LTD		
2021900339	BAILEY, J.		
2021900340	Seeing Machines Limited		
2021900341	Skinner, P.		
2021900342	Monash University		
2021900343	PEMTA PTY. LTD.		
2021900344	The University of Newcastle		
2021900345	ViraLok Therapeutics Pty Ltd		
2021900346	Bliis Innovations Pty Ltd		
2021900347	Coeus Research and Development Pty Ltd		
2021900348	Royal Melbourne Institute of Technology		
2021900349	ANNALISE-AI PTY LTD		
2021900350	Fletcher, P.		
2021900351	Clever Power Pty Ltd		
2021900352	Rewards4Earth Pty Ltd		
2021900353	ResMed Pty Ltd		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Feb 2021 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) 4D Pharma Research Limited (21) 2021200769 (22) 05.02.2021 (54) Compositions comprising bacterial strains (62) 2019204809</p> <hr/> <p>(71) 8 Rivers Capital, LLC (21) 2021200548 (22) 29.01.2021 (54) Control systems and methods suitable for use with power production systems and methods (62) 2019203032</p> <hr/> <p>(71) AbbVie Deutschland GmbH &amp; Co. KG (21) 2021200575 (22) 29.01.2021 (54) Immunogenic products based on mitein amyloid <math>\beta</math> (A<math>\beta</math>) amino acid sequences and uses thereof (62) 2015286824</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2021200669 (22) 02.02.2021 (54) WORKLOAD AUTOMATION AND DATA LINEAGE ANALYSIS (62) 2019283853</p> <hr/> <p>(71) ABS Global, Inc. (21) 2021200818 (22) 09.02.2021 (54) Microfluidic system and method with focused energy apparatus (62) 2019202882</p> <hr/> <p>(71) Academia Sinica (21) 2021200644 (22) 02.02.2021 (54) Compositions and methods relating to universal glycoforms for enhanced antibody efficacy (62) 2015267052</p> <hr/> <p>(71) Academia Sinica (21) 2021200784 (22) 08.02.2021 (54) Anti-CD20 glycoantibodies and uses thereof (62) 2015267047</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2021200492 (22) 27.01.2021 (54) TGF-beta superfamily type I and type II receptor heteromultimers and uses thereof (62) 2016244750</p>	<hr/> <p>(71) Accenture Global Solutions Limited (21) 2021200678 (22) 03.02.2021 (54) LOCATION-BASED RISK ALERTS (31) 62/978,575 (32) 19.02.20 (33) US 62/988,119 11.03.20 US 17/147,106 12.01.21 US</p> <hr/> <p>(71) Acer Incorporated (21) 2021200712 (22) 04.02.2021 (54) Device and Method for Handling Physical Uplink Control Channel Collision (31) 62/976,357 (32) 14.02.20 (33) US 17/153,886 21.01.21 US</p> <hr/> <p>(71) Adobe Inc. (21) 2021200645 (22) 02.02.2021 (54) INTEGRATED INTERACTIVE IMAGE SEGMENTATION (31) 16/839,209 (32) 03.04.20 (33) US</p> <hr/> <p>(71) Advanced Bariatric Technology, LLC (21) 2021200778 (22) 08.02.2021 (54) Polymer overmolded bariatric clamp and method of installing (62) 2019264560</p> <hr/> <p>(71) Advanced Engineering Solutions (21) 2021200703 (22) 04.02.2021 (54) Apparatus and method for the detection and monitoring of the condition of pipeline components (62) 2016240282</p> <hr/> <p>(71) Advance International Inc. (21) 2021200547 (22) 28.01.2021 (54) IMPROVED METHODS AND SYSTEMS FOR RECOVERING PROTEIN POWDER AND NATURAL OMEGA-3 OIL FROM ANIMAL TISSUE (62) 2016270467</p> <hr/> <p>(71) AEGIS SPINE, INC. (21) 2021200633 (22) 01.02.2021 (54) Spinal plate (31) 16/821,321 (32) 17.03.20 (33) US</p> <hr/> <p>(71) AFT Pharmaceuticals Ltd (21) 2021200502 (22) 27.01.2021 (54) A Disinfectant</p>	<hr/> <p>(71) AFT Pharmaceuticals Ltd (21) 2021200634 (22) 01.02.2021 (54) PHARMACEUTICAL COMPOSITION CONTAINING ACETOMINOPHEN AND IBUPROFEN (62) 2019268077</p> <hr/> <p>(71) Agenus Inc.; Memorial Sloan-Kettering Cancer Center; Ludwig Institute for Cancer Research Ltd. (21) 2021200582 (22) 29.01.2021 (54) Anti-GITR antibodies and methods of use thereof (62) 2015266958</p> <hr/> <p>(71) Agios Pharmaceuticals, Inc. (21) 2021200494 (22) 27.01.2021 (54) Methods of preparing 6-(aryl or heteroaryl)-1,3,5-triazine-2,4-diols and 6-(aryl or heteroaryl)-1,3,5-triazine-2,4-diamines (62) 2016303614</p> <hr/> <p><b>Air Products and Chemicals, Inc. see Air Products and Chemicals, Inc.</b> (21) 2021200706</p> <hr/> <p>(71) Air Products and Chemicals, Inc.; Air Products and Chemicals, Inc. (21) 2021200706 (22) 04.02.2021 (54) FUEL GAS DISTRIBUTION METHOD (62) 2019200340</p> <hr/> <p>(71) AKTINA CORP. (21) 2021200801 (22) 09.02.2021 (54) SYSTEM, PROCESS AND APPARATUS TO DETERMINE LINAC ISOCENTER (31) 62/986,957 (32) 09.03.20 (33) US 63/033,328 02.06.20 US 16/934,586 21.07.20 US</p> <hr/> <p>(71) AKTINA CORP. (21) 2021200804 (22) 09.02.2021 (54) SYSTEM, PROCESS AND APPARATUS TO DETERMINE LINAC ISOCENTER (31) 62/986,957 (32) 09.03.20 (33) US 63/033,328 02.06.20 US 16/934,586 21.07.20 US 16/999,693 21.08.20 US</p> <hr/> <p>(71) Allergan Industrie, SAS (21) 2021200516 (22) 28.01.2021</p>
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(54) Dermal filler compositions for fine line treatment  
(62) 2019203660

(71) Alnylam Pharmaceuticals, Inc.; TAKE-DA PHARMACEUTICAL COMPANY LIMITED  
(21) 2021200742 (22) 05.02.2021  
(54) DI-ALIPHATIC SUBSTITUTED PEGYLATED LIPIDS  
(62) 2019206027

(71) Altria Client Services LLC  
(21) 2021200615 (22) 29.01.2021  
(54) Vaporizer For Vaporizing An Active Ingredient  
(62) 2016231790

(71) American Greetings Corporation  
(21) 2021200538 (22) 28.01.2021  
(54) Greeting card displayer  
(31) 17/158,378 (32) 26.01.21 (33) US  
62/966,692 28.01.20 US

(71) Amgen Inc.  
(21) 2021200517 (22) 28.01.2021  
(54) Drive mechanisms for drug delivery pumps  
(62) 2016229138

Amir, S. see LivePerson, Inc.  
(21) 2021200710

(71) AMVAC Hong Kong Limited  
(21) 2021200622 (22) 01.02.2021  
(54) Apparatus and method for minimizing the volume of a liquid carrier used for delivering agricultural products into a furrow during planting  
(62) 2016290736

(71) Angel Playing Cards Co., Ltd.  
(21) 2021200797 (22) 09.02.2021  
(54) Game token and method for manufacturing the same  
(31) 2020-023346 (32) 14.02.20 (33) JP

(71) Angel Playing Cards Co., Ltd.  
(21) 2021200820 (22) 10.02.2021  
(54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS  
(62) 2018247231

(71) Angus Robertson Mechanical Limited  
(21) 2021200552 (22) 29.01.2021  
(54) APPARATUS FOR MODIFYING A COATING  
(31) 761276 (32) 30.01.20 (33) NZ

(71) Anheuser-Busch InBev S.A.  
(21) 2021200557 (22) 29.01.2021  
(54) METHODS, APPLIANCES, AND SYSTEMS FOR PREPARING A BEVERAGE FROM A BASE LIQUID AND AN INGREDIENT  
(62) 2016210826

(71) ANTWORKS ENGINEERING PTY. LTD.  
(21) 2021200666 (22) 02.02.2021  
(54) Software Application : AntWorks2do Capture Tasks & Set Reminders QR Code Recognition for site time record start/finish and issuing of instructions for work activity

(71) Apple Inc.  
(21) 2021200565 (22) 29.01.2021  
(54) Inductive power transmitter  
(62) 2020202550

(71) Apple Inc.  
(21) 2021200577 (22) 29.01.2021  
(54) Dynamic function row customization  
(62) 2020202749

(71) Apple Inc.  
(21) 2021200655 (22) 02.02.2021  
(54) Devices, methods, and graphical user interfaces for manipulating user interface objects with visual and/or haptic feedback  
(62) 2018282409

(71) Apple Inc.  
(21) 2021200787 (22) 08.02.2021  
(54) Displaying a scrollable list of affordances associated with physical activities  
(62) 2018268972

(71) Apple Inc.  
(21) 2021200789 (22) 08.02.2021  
(54) Multi-participant live communication user interface  
(62) 2019266225

(71) Aqua Group Limited  
(21) 2021200478 (22) 26.01.2021  
(54) AQUA EXERCISE EQUIPMENT  
(62) 2015352033

(71) Arbitron Inc.  
(21) 2021200467 (22) 25.01.2021  
(54) Gathering research data  
(62) 2019201945

Arcellx, Inc see Subdomain, LLC  
(21) 2021200810

(71) Arcturus Therapeutics, Inc.  
(21) 2021200663 (22) 02.02.2021  
(54) IONIZABLE CATIONIC LIPID FOR RNA DELIVERY  
(62) 2017379059

(71) Ariosa Diagnostics, Inc.  
(21) 2021200510 (22) 28.01.2021  
(54) Statistical analysis for non-invasive sex chromosome aneuploidy determination  
(62) 2014278730

(71) Aristocrat Technologies, Inc.  
(21) 2021200687 (22) 03.02.2021  
(54) System and Method of Providing a Hold and Spin Feature Game with Iterative Awards  
(31) 16/780,839 (32) 03.02.20 (33) US

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2021200788 (22) 08.02.2021  
(54) GAMING MACHINE WITH FIXED WILD SYMBOLS AND MULTIPLIER  
(62) 2018279019

(71) ASSIA SPE, LLC  
(21) 2021200809 (22) 09.02.2021  
(54) Method and system for latency measurement in communication systems  
(62) 2018267677

(71) Assure Tech. (Hangzhou) Co., Ltd  
(21) 2021200665 (22) 02.02.2021  
(54) Device and method for collecting and detecting samples  
(31) 201910478664.1 (32) 03.06.19 (33) CN

(71) Astellas Institute for Regenerative Medicine  
(21) 2021200601 (22) 29.01.2021  
(54) Improved modalities for the treatment of degenerative diseases of the retina  
(62) 2019200513

(71) Atrium Medical Corporation  
(21) 2021200642 (22) 02.02.2021  
(54) CHEST DRAINAGE SYSTEM  
(62) 2016261628

(71) Australian Engineered Solutions Pty Ltd  
(21) 2021200695 (22) 03.02.2021  
(54) Composite Timber Components  
(62) 2019200815

(71) B. Braun Medical Inc.  
(21) 2021200544 (22) 28.01.2021  
(54) Compounding device, system, kit, software, and method  
(62) 2016250585

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(71) Baiera, V.J.  
 (21) 2021200718 (22) 04.02.2021  
 (54) STEP STOOL AND METHOD OF USE  
 (31) 16/782,410 (32) 05.02.20 (33) US  
 17/067,448 02.11.20 US

(71) Balamurugan, M.  
 (21) 2021200476 (22) 26.01.2021  
 (54) AN APPARATUS FOR PERFORMING  
 ARITHMETIC OPERATIONS  
 (31) 202041031100 (32) 21.07.20 (33) IN

(71) BASF Agro B.V.  
 (21) 2021200728 (22) 04.02.2021  
 (54) Herbicidal composition comprising cin-  
 methylin and pendimethalin  
 (62) 2016292546

(71) BASF Agro B.V.  
 (21) 2021200737 (22) 04.02.2021  
 (54) Method for controlling herbicide resist-  
 ant or tolerant weeds  
 (62) 2016292643

**Baxalta GmbH see Baxalta Incorporated**  
 (21) 2021200572

(71) Baxalta GmbH; Baxalta Incorporated  
 (21) 2021200815 (22) 09.02.2021  
 (54) METHOD FOR PURIFYING RECOM-  
 BINANT ADAMTS13 AND OTHER  
 PROTEINS AND COMPOSITIONS  
 THEREOF  
 (62) 2018201646

(71) Baxalta Incorporated; Baxalta GmbH  
 (21) 2021200572 (22) 29.01.2021  
 (54) Use of ADAMTS13 for treating, amelior-  
 ating and/or preventing vaso-occlusive  
 crisis in sickle cell disease, acute lung  
 injury and/or acute respiratory distress  
 syndrome  
 (62) 2017307582

**Baxalta Incorporated see Baxalta GmbH**  
 (21) 2021200815

(71) beaumont, a.  
 (21) 2021200698 (22) 03.02.2021  
 (54) Topical  
 NociniolTM(1%hydrocortisone/0.005%epinephrine/5%lignocaine)ointment  
 is effective for treatment of mus-  
 culoskeletal injury in humans and  
 animals.Topical steroids reduce inflam-  
 mation in the skin.Epinephrine controls  
 bleeding.Lignocaine produces local  
 temporary numbness.Combined with  
 epinephrine to prolong anaesthesia and  
 reduce bleeding.Lignocaine causes  
 dilatation of the blood vessels.No com-  
 bination of hydrocortisone and epi-  
 nephine exists.Combinations of hydro-  
 cortisone and lignocaine for anal aller-

gic reactions.There is NO combination  
 of ALL 3:hydrocortisone epinephrine  
 lignocaine  
 (31) 2020904189 (32) 14.11.20 (33) AU

(71) Becton, Dickinson and Company  
 (21) 2021200609 (22) 29.01.2021  
 (54) Tube crimping arrangement for drug de-  
 livery device  
 (62) 2018352205

(71) BigTinCan Holdings Limited  
 (21) 2021200811 (22) 09.02.2021  
 (54) Method and system for providing con-  
 textual electronic content  
 (62) 2015291770

(71) BISSELL Inc.  
 (21) 2021200506 (22) 28.01.2021  
 (54) Docking station for autonomous floor  
 cleaner  
 (31) 62/967,074 (32) 29.01.20 (33) US

(71) BISSELL Inc.  
 (21) 2021200690 (22) 03.02.2021  
 (54) Surface cleaning apparatus  
 (62) 2018278858

(71) BISSELL Inc.  
 (21) 2021200691 (22) 03.02.2021  
 (54) Surface cleaning apparatus  
 (62) 2018278858

(71) BISSELL Inc.  
 (21) 2021200692 (22) 03.02.2021  
 (54) Surface cleaning apparatus  
 (62) 2018278858

(71) Black & Decker Inc.  
 (21) 2021200782 (22) 08.02.2021  
 (54) System for enhancing operation of  
 power tools  
 (62) 2016244330

(71) Blackhawk Network, Inc.  
 (21) 2021200523 (22) 28.01.2021  
 (54) Systems and methods for dynamically  
 detecting and preventing consumer  
 fraud  
 (62) 2015284044

(71) BLOCKAID PTY LTD  
 (21) 2021200539 (22) 28.01.2021  
 (54) A BRACKET

(71) Blue Prism Limited  
 (21) 2021200764 (22) 05.02.2021  
 (54) SYSTEM FOR OPTIMISING DISTRI-  
 BUTION OF PROCESSING AN AUTO-  
 MATED PROCESS  
 (62) 2018201052

(71) Bluescope Steel Limited  
 (21) 2021200579 (22) 29.01.2021  
 (54) Corrosion protection with AL/ZN-based  
 coatings  
 (62) 2019204599

(71) Boston Scientific Neuromodulation Cor-  
 poration  
 (21) 2021200785 (22) 08.02.2021  
 (54) System and method for determination  
 of connected neurostimulation leads  
 (62) 2018334541

(71) Boston Scientific Scimed, Inc.  
 (21) 2021200652 (22) 02.02.2021  
 (54) Implants, tools, and methods for treat-  
 ments of pelvic conditions  
 (62) 2019201111

(71) BP Corporation North America Inc.  
 (21) 2021200580 (22) 29.01.2021  
 (54) Seismic acquisition methods  
 (62) 2015355148

(71) Burcon Nutrascience (MB) Corp.  
 (21) 2021200549 (22) 29.01.2021  
 (54) PREPARATION OF PULSE PROTEIN  
 PRODUCTS ("YP810")  
 (62) 2019204601

(71) CA Casysy GmbH  
 (21) 2021200600 (22) 29.01.2021  
 (54) Blood testing system and method  
 (62) 2019272053

(71) Caisson Interventional, LLC  
 (21) 2021200528 (22) 28.01.2021  
 (54) SYSTEMS AND METHODS FOR  
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 (62) 2016308017

(71) Canon Kabushiki Kaisha  
 (21) 2021200529 (22) 28.01.2021  
 (54) Toner cartridge, toner supplying mechan-  
 ism and shutter  
 (62) 2019200837

(71) Canon Kabushiki Kaisha  
 (21) 2021200543 (22) 28.01.2021  
 (54) Drum unit, cartridge and coupling mem-  
 ber  
 (62) 2019200238

(71) Cantor Index LLC  
 (21) 2021200790 (22) 08.02.2021  
 (54) SYSTEM FOR MANAGING BETS  
 SELECTING EVENTS AND PARTI-  
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 (62) 2020200648

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<p>(71) Canva Pty Ltd (21) 2021200649 (22) 02.02.2021 (54) Systems and methods for automatically grouping design elements</p>	<p>(54) Subsurface strain estimation using fiber optic measurement</p>	<p>(54) Enclosure for cable distribution assembly (62) 2016233370</p>
<p>(71) Captozyme, LLC (21) 2021200688 (22) 03.02.2021 (54) HIGH EFFICIENCY OXALATE-DEGRADING ENZYMES FOR DEGRADATION OF INSOLUBLE AND SOLUBLE OXALATE (62) 2016244121</p>	<p>(71) CHIEN, C. (21) 2021200681 (22) 03.02.2021 (54) OIL TANK CLEANING BALL</p>	<p>(71) Concave Global Pty Ltd (21) 2021200540 (22) 28.01.2021 (54) Adaptable footwear for playing football (62) 2016228955</p>
<p>(71) Carbontrack Pty Ltd (21) 2021200677 (22) 03.02.2021 (54) Mesh-networked power control devices, system and methods (62) 2016324353</p>	<p>(71) Children's Medical Center Corporation (21) 2021200638 (22) 01.02.2021 (54) Pro-inflammatory and adjuvant functions of toll-like receptor 4 antagonists (62) 2016206965</p>	<p>(71) Contract Resources Pty Ltd (21) 2021200504 (22) 28.01.2021 (54) Apparatus, System and Method for use within a Tank (62) 2019297797</p>
<p>(71) CASE WESTERN RESERVE UNIVERSITY (21) 2021200610 (22) 29.01.2021 (54) INHIBITORS OF SHORT-CHAIN DEHYDROGENASE ACTIVITY FOR TREATING FIBROSIS (62) 2016229918</p>	<p>(71) Chomley Consulting Pty. Ltd (21) 2021200772 (22) 05.02.2021 (54) Methods, Controllers and Devices for Assembling a Word (62) 2019201023</p>	<p>(71) Cosmetic Warriors Limited (21) 2021200581 (22) 29.01.2021 (54) Composition (62) 2016251407</p>
<p>(71) CATERPILLAR GLOBAL MINING LLC (21) 2021200595 (22) 29.01.2021 (54) SYSTEM AND METHOD FOR DETECTING TRACKING PROBLEMS (31) 16/789,103 (32) 12.02.20 (33) US</p>	<p>(71) Citrix Systems, Inc. (21) 2021200602 (22) 29.01.2021 (54) Virtual private networking based on peer-to-peer communication (62) 2018230893</p>	<p>(71) Covidien LP (21) 2021200761 (22) 05.02.2021 (54) Robotic surgical instrument including instrument rotation based on translation position (62) 2018375307</p>
<p>(71) Caterpillar Inc. (21) 2021200448 (22) 22.01.2021 (54) METHOD AND SYSTEM FOR DETECTING AN OBSTACLE (31) 16/782,980 (32) 05.02.20 (33) US</p>	<p>(71) Citrix Systems, Inc. (21) 2021200753 (22) 05.02.2021 (54) INTELLIGENT FEATURE DELIVERY IN A COMPUTING ENVIRONMENT (31) 202041015246 (32) 07.04.20 (33) IN 16/884,355 27.05.20 US</p>	<p>(71) Cryovac, LLC; Furukawa MFG. Co., Ltd. (21) 2021200658 (22) 02.02.2021 (54) Apparatus and method for vacuumizing and sealing a package (62) 2019203107</p>
<p>(71) Caterpillar Inc. (21) 2021200594 (22) 29.01.2021 (54) CONFIGURATION OF A LIDAR SENSOR SCAN AREA ACCORDING TO A CYCLE SEGMENT OF AN OPERATION OF A MACHINE (31) 16/781,759 (32) 04.02.20 (33) US</p>	<p>(71) ClearStream Technologies Limited (21) 2021200515 (22) 28.01.2021 (54) Catheter structures for reducing fluoroscopy usage during endovascular procedures (62) 2020200172</p>	<p>(71) DATAPOS TECHNOLOGIES PTY LTD (21) 2021200768 (22) 05.02.2021 (54) System of Real-Time Multi Factor Queue Management (62) 2015218171</p>
<p>(71) Caterpillar Inc. (21) 2021200717 (22) 04.02.2021 (54) POWER CABLE ROUTING FOR A MOTOR CASE (31) 16/797,168 (32) 21.02.20 (33) US</p>	<p>(71) Clene Nanomedicine, Inc. (21) 2021200463 (22) 25.01.2021 (54) Novel gold-based nanocrystals (62) 2019204420</p>	<p>(71) Day, L. (21) 2021200497 (22) 27.01.2021 (54) Bump Stopper.</p>
<p>(71) CFPH, LLC (21) 2021200791 (22) 08.02.2021 (54) GAME WITH INTERIM BETTING (62) 2018282425</p>	<p>(71) CleverNet Inc. (21) 2021200475 (22) 26.01.2021 (54) Intelligent adaptive transport layer to enhance performance using multiple channels (62) 2017286803</p>	<p>(71) Day, J.R.F. (21) 2021200617 (22) 29.01.2021 (54) SPORTS TRAINING DEVICE (31) 2020900256 (32) 30.01.20 (33) AU</p>
<p>(71) Chevron U.S.A. Inc (21) 2021200537 (22) 28.01.2021</p>	<p>(71) Coe, W. (21) 2021200821 (22) 10.02.2021 (54) Process for regenerating a monolithic, macro-structural, inter-penetrating elastomer network morphology from ground tire rubber particles (62) 2020250289</p>	<p>(71) Deep Coal Technologies Pty Ltd (21) 2021200590 (22) 29.01.2021 (54) A METHOD FOR THE EXTRACTION OF HYDROCARBON (31) 2020900274 (32) 31.01.20 (33) AU</p>
	<p>(71) CommScope Technologies LLC (21) 2021200449 (22) 22.01.2021</p>	<p>(71) Deere &amp; Company (21) 2021200755 (22) 05.02.2021</p>

Complete Applications Filed - Name Index cont'd

(54) Method and system for estimating surface roughness of ground for an off-road vehicle to control an implement  
 (31) 62/986,012 (32) 06.03.20 (33) US  
 16/946,812 07.07.20 US

(71) Deere & Company  
 (21) 2021200757 (22) 05.02.2021  
 (54) Method and system for estimating surface roughness of ground for an off-road vehicle to control an implement  
 (31) 62/986,012 (32) 06.03.20 (33) US  
 16/946,813 07.07.20 US

(71) Deere & Company  
 (21) 2021200777 (22) 08.02.2021  
 (54) Method and system for detection of roll sensor bias  
 (31) 62/987,100 (32) 09.03.20 (33) US  
 16/946,803 07.07.20 US

(71) Digilog Technologies Pty Ltd  
 (21) 2021200822 (22) 10.02.2021  
 (54) SOLAR CELL OR SOLAR PANEL ENERGY EXTRACTION SYSTEM  
 (62) 2019385153

(71) Dolby International AB  
 (21) 2021200726 (22) 04.02.2021  
 (54) Efficient combined harmonic transposition  
 (62) 2019201296

(71) Dongguan HJ Reform LED Ltd.  
 (21) 2021200711 (22) 04.02.2021  
 (54) Balloon Lamp  
 (31) 202011587061.4 (32) 29.12.20 (33) CN

(71) Donmark Holdings Inc.  
 (21) 2021200620 (22) 01.02.2021  
 (54) Suspension and control head apparatus for aerial firefighting bucket  
 (31) 62/970,120 (32) 04.02.20 (33) US

(71) Dow AgroSciences LLC  
 (21) 2021200664 (22) 02.02.2021  
 (54) Picolinamide compounds with fungicidal activity  
 (62) 2019201931

Dowding, D.K. see Steffen, S.  
 (21) 2021200619

(71) Downhole Products Limited  
 (21) 2021200659 (22) 02.02.2021  
 (54) Slimline Stop Collar With Solid Cam Ring  
 (31) 62/987,923 (32) 11.03.20 (33) US

(71) Dynacore Pty Ltd  
 (21) 2021200473 (22) 25.01.2021

(54) WRIST BRACE  
 (31) 2020900198 (32) 24.01.20 (33) AU  
 2020903539 30.09.20 AU

(71) Dynamics Inc.  
 (21) 2021200605 (22) 29.01.2021  
 (54) Payment cards, devices, systems, and methods for providing game actions with payment data, social networking mechanisms and information exchange mechanisms  
 (62) 2019200568

(71) Eaton Intelligent Power Limited  
 (21) 2021200625 (22) 01.02.2021  
 (54) ELECTRICALLY INSULATED TETHERS FOR TRANSMISSION LINE ARRESTERS  
 (62) 2015270827

(71) Eddy Current Limited Partnership  
 (21) 2021200520 (22) 28.01.2021  
 (54) Latch Activation Between Elements  
 (62) 2015355671

(71) Ela Pharma Ltd  
 (21) 2021200570 (22) 29.01.2021  
 (54) Compositions for treating and/or preventing cell or tissue necrosis specifically targeting Cathepsin C and/or CELA1 and/or CELA3A and/or structurally related enzymes thereto  
 (62) 2016245434

(71) Elbex Video Ltd.  
 (21) 2021200754 (22) 05.02.2021  
 (54) Communication infrastructure devices and support tools for intelligent residences or businesses and communicating method with and operating intelligent electrical devices  
 (62) 2019200927

(71) Emerging Compounds Treatment Technologies, Inc.  
 (21) 2021200661 (22) 02.02.2021  
 (54) A SYSTEM AND METHOD FOR ENHANCING ADSORPTION OF CONTAMINATED VAPORS TO INCREASE TREATMENT CAPACITY OF ADSORPTIVE MEDIA  
 (62) 2018208574

(71) eMoMo Technology Co., Ltd.  
 (21) 2021200495 (22) 27.01.2021  
 (54) SUPPORTING AUDIO ELEMENT WITH VOICE RECOGNITION FOR A FURNITURE ITEM  
 (31) 16/812,178 (32) 06.03.20 (33) US

(71) ENDACE TECHNOLOGY LIMITED  
 (21) 2021200568 (22) 29.01.2021

(54) METHOD AND SYSTEM FOR DISTRIBUTING CLOCK SIGNALS  
 (62) 2018253560

(71) Evogene Ltd.  
 (21) 2021200746 (22) 05.02.2021  
 (54) Isolated polynucleotides and polypeptides and methods of using same for increasing plant yield, biomass, growth rate, vigor, oil content, abiotic stress tolerance of plants and nitrogen use efficiency  
 (62) 2018214089

(71) Fasteners for Retail, Inc.  
 (21) 2021200780 (22) 08.02.2021  
 (54) ANTI-THEFT DEVICE WITH CABLE ATTACHMENT  
 (31) 16/838,900 (32) 02.04.20 (33) US

(71) Fenzl, M.E.  
 (21) 2021200775 (22) 07.02.2021  
 (54) MULTIPLE CONCENTRATE FORMULATION FOR MEDICAL PRODUCTS  
 (31) 63/103,771 (32) 22.08.20 (33) US  
 63/204,576 13.10.20 US  
 17/120,407 14.12.20 US

FF Seeley Nominees Pty Ltd see Seeley International Pty Ltd  
 (21) 2021200733

(71) FiberLean Technologies Limited  
 (21) 2021200487 (22) 27.01.2021  
 (54) Compositions and methods for providing increased strength in ceiling, flooring, and building products  
 (62) 2017247688

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021200628 (22) 01.02.2021  
 (54) Patient interface  
 (62) 2016233997

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021200629 (22) 01.02.2021  
 (54) Exhalation port  
 (62) 2016295945

(71) FMC Corporation  
 (21) 2021200694 (22) 03.02.2021  
 (54) 2-(PHENYLOXY OR PHENYLTHIO)PYRIMIDINE DERIVATIVES AS HERBICIDES  
 (62) 2016270751

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.  
 (21) 2021200589 (22) 29.01.2021

Complete Applications Filed - Name Index cont'd

- (54) Speech reproduction device configured for masking reproduced speech in a masked speech zone  
(62) 2019201415
- 
- (71) FTC Solar, Inc.  
(21) 2021200709 (22) 04.02.2021  
(54) Methods and systems for designing photovoltaic systems  
(62) 2015350087
- 
- Furukawa MFG. Co., Ltd. see Cryovac, LLC**  
(21) 2021200658
- 
- (71) GC Corporation  
(21) 2021200806 (22) 09.02.2021  
(54) Dental restoration composite resin  
(31) 2020-021713 (32) 12.02.20 (33) JP
- 
- (71) Genentech, Inc.  
(21) 2021200518 (22) 28.01.2021  
(54) Methods for diagnosing and treating inflammatory bowel disease  
(62) 2015235986
- 
- (71) GenieUs Genomics Pty Ltd  
(21) 2021200530 (22) 28.01.2021  
(54) Biomarkers for neurodegenerative diseases  
(62) 2020233625
- 
- (71) Genzyme Corporation  
(21) 2021200474 (22) 25.01.2021  
(54) Continuous purification of therapeutic proteins  
(62) 2019203128
- 
- (71) Gilead Sciences, Inc.  
(21) 2021200639 (22) 01.02.2021  
(54) PD-1/PD-L1 inhibitors  
(62) 2018256423
- 
- (71) Glide Talk Ltd.  
(21) 2021200559 (22) 29.01.2021  
(54) REDUCED LATENCY SERVER-MEDIATED AUDIO-VIDEO COMMUNICATION  
(62) 2019240571
- 
- (71) Global Blood Therapeutics, Inc.  
(21) 2021200802 (22) 09.02.2021  
(54) Process for synthesizing 2-hydroxy-6-((2-(1-isopropyl-1H-pyrazol-5-yl)-pyridin-3-yl)methoxy)benzaldehyde  
(62) 2017261730
- 
- (71) Global Payment Technologies Australia  
(21) 2021200623 (22) 01.02.2021  
(54) Remote management of a bill validator for a gaming machine  
(62) 2019200686
- 
- (71) Global Stress Index Pty Ltd  
(21) 2021200812 (22) 09.02.2021  
(54) A system and method for generating a profile of stress levels and stress resilience levels in a population  
(62) 2015346000
- 
- (71) Google LLC  
(21) 2021200696 (22) 03.02.2021  
(54) IN-SITU QUANTUM ERROR CORRECTION  
(62) 2019275671
- 
- (71) Graco Minnesota Inc.  
(21) 2021200527 (22) 28.01.2021  
(54) Multi-well chemical injection manifold and system  
(31) 62/967,255 (32) 29.01.20 (33) US
- 
- (71) GREENTECH INTERNATIONAL PTY LTD  
(21) 2021200662 (22) 02.02.2021  
(54) RECYCLE AND DRIFT REDUCTION SPRAY SYSTEM FOR VINEYARDS AND TREE CROPS  
(62) 2016203616
- 
- (71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
(21) 2021200786 (22) 08.02.2021  
(54) Method and apparatus for regulating communication parameters  
(62) 2015409334
- 
- (71) H3 Dynamics Holdings Pte. Ltd.  
(21) 2021200446 (22) 22.01.2021  
(54) Drone box  
(62) 2016308793
- 
- (71) HADWAY PTY LTD  
(21) 2021200751 (22) 05.02.2021  
(54) IMPROVED EXERCISE OR TRAINING APPARATUS
- 
- (71) Hangzhou DAC Biotech Co., Ltd  
(21) 2021200562 (22) 29.01.2021  
(54) Conjugation Linkers, Cell Binding Molecule-Drug Conjugates Containing the linkers, methods of making and uses such conjugates with the linkers  
(62) 2016429272
- 
- (71) Haynes, A.L.  
(21) 2021200578 (22) 29.01.2021  
(54) A plumbing fitting  
(31) 62/968,381 (32) 31.01.20 (33) US
- 
- (71) HEE Solar, L.L.C.  
(21) 2021200670 (22) 03.02.2021
- 
- (54) TITANATE INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES  
(62) 2018282426
- 
- (71) Heraeus Medical GmbH  
(21) 2021200566 (22) 29.01.2021  
(54) Device and method for producing spacers  
(31) 20164534.8 (32) 20.03.20 (33) EP  
20171303.9 24.04.20 EP
- 
- (71) Heraeus Medical GmbH  
(21) 2021200567 (22) 29.01.2021  
(54) Device and method for producing knee spacer components  
(31) 20164541.3 (32) 20.03.20 (33) EP
- 
- (71) HGCI, Inc.  
(21) 2021200657 (22) 02.02.2021  
(54) Air cooled horticulture lighting fixture for a double ended high pressure sodium lamp  
(62) 2020200917
- 
- (71) Hidrate, Inc.  
(21) 2021200519 (22) 28.01.2021  
(54) WIRELESS DRINK CONTAINER FOR MONITORING HYDRATION  
(62) 2016229807
- 
- (71) Hill-Rom Services, Inc.  
(21) 2021200631 (22) 01.02.2021  
(54) Patient risk assessment based on data from multiple sources in a healthcare facility  
(62) 2019202495
- 
- (71) Hunter Douglas Inc.  
(21) 2021200626 (22) 01.02.2021  
(54) Operating system for a covering for an architectural opening  
(62) 2019201067
- 
- (71) iBio, Inc.; NOVICI BIOTECH LLC; MUSC Foundation for Research Development  
(21) 2021200765 (22) 05.02.2021  
(54) Endostatin fragments and variants for use in treating fibrosis  
(62) 2016270428
- 
- (71) IGT  
(21) 2021200469 (22) 25.01.2021  
(54) SYSTEM AND METHOD FOR TRANSFERRING FUNDS TO AND FROM A GAMING ESTABLISHMENT DEVICE  
(31) 16/749,450 (32) 22.01.20 (33) US
- 
- (71) IGT  
(21) 2021200673 (22) 03.02.2021

Complete Applications Filed - Name Index cont'd

(54) MOBILE DEVICE FACILITATED RE-DEMPTION OF GAMING ESTABLISHMENT TICKET VOUCHERS  
(31) 16/782,905 (32) 05.02.20 (33) US

(71) Ikaika Therapeutics, LLC  
(21) 2021200783 (22) 08.02.2021  
(54) Mitigating tissue damage and fibrosis via latent transforming growth factor beta binding protein (LTBP4)  
(62) 2019222850

(71) Immatix Biotechnologies GmbH  
(21) 2021200599 (22) 29.01.2021  
(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST OVARIAN CANCER AND OTHER CANCERS  
(62) 2016286274

(71) Immatix Biotechnologies GmbH  
(21) 2021200800 (22) 09.02.2021  
(54) Novel peptides and combination of peptides for use in immunotherapy against esophageal cancer and other cancers  
(62) 2016289754

(71) Implantica Patent Ltd  
(21) 2021200756 (22) 05.02.2021  
(54) Blood Clot Removal Device, System, And Method  
(62) 2019203586

(71) INCYTE CORPORATION  
(21) 2021200450 (22) 22.01.2021  
(54) 1H-PYRROLO[2,3-C]PYRIDIN-7(6H)-ONES AND PYRAZOLO[3,4-C]PYRIDIN-7(6H)-ONES AS INHIBITORS OF BET PROTEINS  
(62) 2019205984

(71) INGU Solutions Inc.  
(21) 2021200656 (22) 02.02.2021  
(54) System, method and device for fluid conduit inspection  
(31) 62/969,330 (32) 03.02.20 (33) US  
62/979,831 21.02.20 US

(71) Institute of Biotechnology, Xinjiang Academy of Animal Science (China-Australia Sheep Research Centre, Xinjiang Academy of Animal Science)  
(21) 2021200542 (22) 28.01.2021  
(54) SGRNA FOR EDITING SHEEP FGF5 TO REALIZE ALTERNATIVE SPLICING, COMPLETE SET OF NUCLEIC ACIDS AND USE  
(31) 202010533989.8 (32) 12.06.20 (33) CN

(71) Integrated Drilling Solutions Pty Ltd  
(21) 2021200747 (22) 05.02.2021

(54) A PNEUMATIC HAMMER WITH AN IMPROVED BIT RETENTION SYSTEM  
(31) 2020900325 (32) 06.02.20 (33) AU

(71) Interscope, Inc.  
(21) 2021200653 (22) 02.02.2021  
(54) IMPROVED MECHANISM FOR CONTROLLING ROTATION OF OUTER CANNULA FOR USE IN ENDOSCOPIC TOOL  
(62) 2018215070

(71) ioGenetics, LLC  
(21) 2021200558 (22) 29.01.2021  
(54) Immune motifs in products from domestic animals  
(62) 2019200707

(71) IPG PHOTONICS CORPORATION  
(21) 2021200488 (22) 27.01.2021  
(54) MULTIBEAM FIBER LASER SYSTEM  
(62) 2015301630

(71) Janssen Pharmaceutica NV  
(21) 2021200512 (22) 28.01.2021  
(54) Combinations comprising positive allosteric modulators or orthosteric agonists of metabotropic glutamatergic receptor subtype 2 and their use  
(62) 2019208178

(71) Jayaram, N.  
(21) 2021200749 (22) 05.02.2021  
(54) FLOATING CARBON DIOXIDE ABSORBER, SEQUESTERING AND OFF-LOADING VESSEL

(71) Johnson & Johnson Consumer Inc.  
(21) 2021200514 (22) 28.01.2021  
(54) Ophthalmic composition  
(62) 2015339242

(71) Joint Purification Systems, Inc.  
(21) 2021200774 (22) 07.02.2021  
(54) TOTAL JOINT REPLACEMENT INFECTION CONTROL DEVICES AND METHODS  
(62) 2016280624

(71) Joy Global Longview Operations LLC  
(21) 2021200592 (22) 29.01.2021  
(54) Systems, methods, and apparatuses for storing energy in a mining machine  
(62) 2016268856

(71) KABUSHIKI KAISHA TOSHIBA  
(21) 2021200773 (22) 06.02.2021  
(54) DECODING DEVICE AND DECODING METHOD  
(62) 2019232774

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
(21) 2021200546 (22) 28.01.2021  
(54) Controller for controlling compression self-ignition internal combustion engine  
(31) 2020-012280 (32) 29.01.20 (33) JP

(71) Karius, Inc.  
(21) 2021200637 (22) 01.02.2021  
(54) Synthetic nucleic acid spike-ins  
(62) 2017237199

Konky, G. see LivePerson, Inc.  
(21) 2021200710

(71) La Vit Technology LLC  
(21) 2021200699 (22) 03.02.2021  
(54) Capsule Based System for Preparing and Dispensing a Beverage  
(62) 2019201438

(71) Leash Bar Pty Ltd  
(21) 2021200635 (22) 01.02.2021  
(54) Leash plug

(71) Legend Brands, Inc.  
(21) 2021200498 (22) 27.01.2021  
(54) SYSTEMS AND METHODS FOR DRYING ROOFS  
(62) 2016201073

(71) LG ELECTRONICS INC.  
(21) 2021200720 (22) 04.02.2021  
(54) CLEANER  
(31) 10-2020-0013375 (32) 04.02.20 (33) KR

(71) LifeCell Corporation  
(21) 2021200593 (22) 29.01.2021  
(54) Adipose tissue matrices  
(62) 2019210597

(71) LightLab Imaging, Inc.  
(21) 2021200485 (22) 27.01.2021  
(54) INTRAVASCULAR IMAGING SYSTEM INTERFACES AND STENT DETECTION METHODS  
(62) 2016264099

(71) LivePerson, Inc.; Ofer, R.; Vanounou, E.; Konky, G.; Amir, S.  
(21) 2021200710 (22) 04.02.2021  
(54) Dynamic response prediction for improved bot task processing  
(62) 2018261870

(71) LJCA Healthcare Pty Ltd  
(21) 2021200613 (22) 29.01.2021  
(54) Pressure Injury Prevention System  
(31) 2020900244 (32) 30.01.20 (33) AU

Complete Applications Filed - Name Index cont'd

- (71) LTI Flexible Products, Inc.  
(21) 2021200480 (22) 26.01.2021  
(54) CUTTABLY REPLACEABLE BULB SEAL  
(31) 16/774,363 (32) 28.01.20 (33) US
- 
- Ludwig Institute for Cancer Research Ltd. see Agenus Inc.**  
(21) 2021200582
- 
- (71) MACK RIDES GMBH & CO. KG  
(21) 2021200624 (22) 01.02.2021  
(54) AMUSEMENT RIDE, PARTICULARLY A ROLLER COASTER  
(62) 2017357411
- 
- (71) Madad Pty Ltd  
(21) 2021200793 (22) 08.02.2021  
(54) Method and apparatus for testing rolling resistance  
(62) 2017344753
- 
- (71) MAKO Surgical Corp.  
(21) 2021200554 (22) 29.01.2021  
(54) System and method for manipulating an anatomy  
(62) 2016264199
- 
- (71) Malta Inc.  
(21) 2021200470 (22) 25.01.2021  
(54) Storage of excess heat in cold side of heat engine  
(62) 2017386233
- 
- (71) Massachusetts Eye and Ear Infirmary  
(21) 2021200707 (22) 04.02.2021  
(54) Methods of delivering an agent to the eye  
(62) 2016256894
- 
- (71) Mauri Technology B.V.  
(21) 2021200722 (22) 04.02.2021  
(54) Method for Preparing a Flour Tortilla  
(62) 2020256357
- 
- (71) Mayne Pharma International Pty Ltd  
(21) 2021200491 (22) 27.01.2021  
(54) DIPHOSPHONATE SOLUTIONS  
(62) 2020202008
- 
- (71) Mayo Foundation for Medical Education and Research  
(21) 2021200489 (22) 27.01.2021  
(54) Treating lymphomas  
(62) 2015274408
- 
- (71) Mayo Foundation for Medical Education and Research  
(21) 2021200513 (22) 28.01.2021  
(54) Treating myelomas  
(62) 2015277494
- 
- Medair Limited see QIMR Berghofer Medical Research Institute**  
(21) 2021200545
- 
- (71) Medtronic Navigation, Inc.  
(21) 2021200686 (22) 03.02.2021  
(54) Apparatus and method for mechanically providing power to a generator on a continuous rotatable rotor of an X-ray scanner  
(62) 2016244059
- 
- (71) Meilleur, R.  
(21) 2021200752 (22) 05.02.2021  
(54) WATER CRAFT PADDLE
- 
- (71) Melcare Medical Pty Ltd  
(21) 2021200611 (22) 29.01.2021  
(54) Compositions and methods of use  
(62) 2015292258
- 
- Memorial Sloan-Kettering Cancer Center see Agenus Inc.**  
(21) 2021200582
- 
- Menhennitt, L. see Steffen, S.**  
(21) 2021200619
- 
- (71) Meridian Medical Technologies, Inc.  
(21) 2021200760 (22) 05.02.2021  
(54) AUTOMATIC INJECTOR  
(62) 2019200966
- 
- (71) Metal Testing Pty Ltd  
(21) 2021200541 (22) 28.01.2021  
(54) A TRACK GUIDE ASSEMBLY  
(62) PCT/AU2020/050991
- 
- (71) Mettler Packaging Pty. Ltd.  
(21) 2021200743 (22) 05.02.2021  
(54) Plastic film bottom bag and use thereof as well as blank for a plastic film bottom bag  
(31) 20161169.6 (32) 05.03.20 (33) US
- 
- (71) Middleton Mixology LLC  
(21) 2021200576 (22) 29.01.2021  
(54) Smoker  
(31) 62/967,081 (32) 29.01.20 (33) US
- 
- (71) miDiagnostics NV  
(21) 2021200614 (22) 29.01.2021  
(54) Device for Collecting Fluorescent Light Emitted by Particles in a Medium  
(62) 2017384022
- 
- (71) Miles, S.  
(21) 2021200654 (22) 02.02.2021
- 
- (54) STORAGE BAGS  
(31) 2020904669 (32) 15.12.20 (33) AU
- 
- (71) Minelab Electronics Pty. Limited  
(21) 2021200526 (22) 28.01.2021  
(54) AN IMPROVED METAL DETECTOR  
(31) 2020900234 (32) 29.01.20 (33) AU
- 
- (71) Mitac Information Technology Corp.  
(21) 2021200531 (22) 28.01.2021  
(54) Application System for Open Geospatial Consortium Data Conversion Standardization and Method Thereof
- 
- (71) Mitac Information Technology Corp.  
(21) 2021200532 (22) 28.01.2021  
(54) Visualization System Based on Artificial Intelligence Inference and Method Thereof
- 
- (71) Mitac Information Technology Corp.  
(21) 2021200533 (22) 28.01.2021  
(54) Streaming System for Artificial Internet of Things and Method Thereof
- 
- (71) MockV Solutions  
(21) 2021200484 (22) 27.01.2021  
(54) Methods and kits for quantifying the removal of Mock Virus Particles from a purified solution  
(62) 2014320015
- 
- (71) Moderna Therapeutics, Inc.  
(21) 2021200486 (22) 27.01.2021  
(54) Compositions comprising synthetic polynucleotides encoding CRISPR related proteins and synthetic sgRNAs and methods of use  
(62) 2014287009
- 
- (71) ModernaTX, Inc.  
(21) 2021200507 (22) 28.01.2021  
(54) MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF BIOLOGICS AND PROTEINS ASSOCIATED WITH HUMAN DISEASE  
(62) 2018200374
- 
- (71) Monsanto Technology LLC  
(21) 2021200816 (22) 09.02.2021  
(54) Composition and methods for reducing corn-on-corn yield penalty  
(62) 2016355677
- 
- (71) MTD Products Inc.  
(21) 2021200640 (22) 01.02.2021  
(54) HIGH-EFFICIENCY LAWN MAINTENANCE TOOL  
(62) 2016271523
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Complete Applications Filed - Name Index cont'd

**MUSC Foundation for Research Development see iBio, Inc.**  
(21) 2021200765

(71) Nagaki Seiki Co., Ltd.  
(21) 2021200632 (22) 01.02.2021  
(54) Elongated tool support device and elongated tool support method  
(62) 2018254076

**Nagy, E. see Nagy, T.**  
(21) 2021200683

(71) Nagy, T.; Nagy, E.  
(21) 2021200683 (22) 03.02.2021  
(54) CLIP FOR A BIB, AND AN ASSEMBLY COMPRISING THE BIB WITH THE CLIP  
(31) 2020900306 (32) 04.02.20 (33) AU

(71) Nanjing Tech University  
(21) 2021200524 (22) 28.01.2021  
(54) Flame-retarded vegetable oil-based waterborne polyurethane coating and preparation method thereof  
(31) 202011238146.1 (32) 09.11.20 (33) CN

(71) NAVICO HOLDING AS  
(21) 2021200630 (22) 01.02.2021  
(54) SYSTEMS AND METHODS FOR CONTROLLING OPERATIONS OF MARINE VESSELS  
(31) 16/791,335 (32) 14.02.20 (33) US

(71) NEC Corporation  
(21) 2021200701 (22) 03.02.2021  
(54) RADIO ACCESS NETWORK NODE, RADIO TERMINAL, AND METHODS THEREFOR  
(62) 2018284449

(71) Netflix, Inc.  
(21) 2021200723 (22) 04.02.2021  
(54) Techniques for generating snapshots of datasets  
(62) 2017340759

(71) NeuroVasc Technologies, Inc.  
(21) 2021200553 (22) 29.01.2021  
(54) Embolus removal device with blood flow restriction and related methods  
(62) 2016344440

(71) NeuSpera Medical Inc.  
(21) 2021200714 (22) 04.02.2021  
(54) Midfield coupler  
(62) 2018220109

(71) Nextremity Solutions, Inc.  
(21) 2021200479 (22) 26.01.2021

(54) Fracture Fixation System And Method  
(62) 2020204191

**Nikolic, M. see Steffen, S.**  
(21) 2021200619

(71) Noleus Technologies Inc.  
(21) 2021200482 (22) 27.01.2021  
(54) APPARATUSES AND METHODS FOR IMPROVING POST-OPERATIVE RECOVERY FROM SURGERY  
(62) 2016298953

(71) Novalith Technologies Pty Ltd  
(21) 2021200745 (22) 05.02.2021  
(54) Lithium extraction method  
(62) 2018228271

(71) Novartis AG  
(21) 2021200647 (22) 02.02.2021  
(54) PAEDIATRIC COMPOSITIONS FOR TREATING MULTIPLE SCLEROSIS  
(62) 2019201291

**NOVICI BIOTECH LLC see iBio, Inc.**  
(21) 2021200765

(71) NTT DOCOMO, INC.  
(21) 2021200603 (22) 29.01.2021  
(54) Audio decoding device, audio encoding device, audio decoding method, audio encoding method, audio decoding program, and audio encoding program  
(62) 2019257495

(71) NTT DOCOMO, INC.  
(21) 2021200604 (22) 29.01.2021  
(54) Audio decoding device, audio encoding device, audio decoding method, audio encoding method, audio decoding program, and audio encoding program  
(62) 2019257495

(71) NTT DOCOMO, INC.  
(21) 2021200607 (22) 29.01.2021  
(54) Audio decoding device, audio encoding device, audio decoding method, audio encoding method, audio decoding program, and audio encoding program  
(62) 2019257495

(71) NTT DOCOMO, INC.  
(21) 2021200759 (22) 05.02.2021  
(54) Moving image prediction encoding device, moving image prediction encoding method, moving image prediction decoding device, moving image prediction decoding method, and moving image prediction decoding program  
(62) 2019280003

(71) Ocera Therapeutics, Inc.  
(21) 2021200740 (22) 05.02.2021  
(54) Formulations of L-ornithine phenylacetate  
(62) 2016252382

**Ofer, R. see LivePerson, Inc.**  
(21) 2021200710

(71) Ohio State Innovation Foundation  
(21) 2021200715 (22) 04.02.2021  
(54) METHODS AND COMPOSITIONS RELATED TO ANTIBODY FRAGMENTS THAT BIND TO TUMOR-ASSOCIATED GLYCOPROTEIN 72 (TAG-72)  
(62) 2015292498

(71) OILQUICK DEUTSCHLAND KG  
(21) 2021200771 (22) 05.02.2021  
(54) QUICK-CHANGE DEVICE  
(31) 10 2020 105 460.2 (32) 02.03.20 (33) DE

(71) Oisin Biotechnologies  
(21) 2021200496 (22) 27.01.2021  
(54) SYSTEMS AND METHODS FOR THE TARGETED PRODUCTION OF A THERAPEUTIC PROTEIN WITHIN A TARGET CELL  
(62) 2018220160

(71) Opex Corporation  
(21) 2021200477 (22) 26.01.2021  
(54) Method and apparatus for storing or retrieving items  
(62) 2016250517

(71) Opex Corporation  
(21) 2021200584 (22) 29.01.2021  
(54) AUTOMATED STORAGE AND RETRIEVAL SYSTEM WITH DETECTOR FOR DETECTING ITEMS EXTENDING BEYOND DIMENSIONAL THRESHOLD  
(62) 2017306566

(71) Orange Maker LLC  
(21) 2021200490 (22) 27.01.2021  
(54) 3D printing using spiral buildup  
(62) 2019201593

(71) Oregon Precision Industries, Inc. DBA PakTech  
(21) 2021200685 (22) 03.02.2021  
(54) TAMPER-RESISTANT SECURE CONTAINER COVER  
(31) 62/975,145 (32) 11.02.20 (33) US

(71) Original Biological Technology Co., Ltd.  
(21) 2021200676 (22) 03.02.2021  
(54) NUTRITION FORMULA MILK POWDER FOR INFANTS AFTER CONGENITAL HEART DISEASE SUR-



Complete Applications Filed - Name Index cont'd

- GERY OR NON-CARDIAC SURGERY AND OTHER CRITICALLY ILLINFANTS IN INTENSIVE CARE, AND METHOD OF USING THE SAME  
(62) 2018417113
- 
- (71) Origin Point Brands, LLC  
(21) 2021200571 (22) 29.01.2021  
(54) Prefabricated modular fencing with advantageously-shaped connectors  
(31) 63/035,999 (32) 08.06.20 (33) US
- 
- (71) Oticon Medical A/S  
(21) 2021200591 (22) 29.01.2021  
(54) Charging and Updating of an Implantable Hearing Aid  
(31) 16/778,980 (32) 31.01.20 (33) US
- 
- (71) Parkview Green Dairy Group Limited  
(21) 2021200493 (22) 27.01.2021  
(54) System and method for processing milk  
(62) 2019203182
- 
- (71) PetroChina Company Limited  
(21) 2021200767 (22) 05.02.2021  
(54) Method and system for operation and maintenance of progressive cavity pump in the vertical well  
(31) 202010080337.3 (32) 05.02.20 (33) CN
- 
- (71) PGS Geophysical AS  
(21) 2021200763 (22) 05.02.2021  
(54) Wide-tow source surveying with subline infill  
(31) 62/971,736 (32) 07.02.20 (33) US  
17/153,259 20.01.21 US
- 
- (71) Phytogen Seed Company, LLC  
(21) 2021200585 (22) 29.01.2021  
(54) Cotton variety 11PSGN85  
(31) 62/967,819 (32) 30.01.20 (33) US
- 
- (71) Phytogen Seed Company, LLC  
(21) 2021200586 (22) 29.01.2021  
(54) Cotton variety 11PYKG43  
(31) 62/967,829 (32) 30.01.20 (33) US
- 
- (71) Phytogen Seed Company, LLC  
(21) 2021200587 (22) 29.01.2021  
(54) Cotton variety 11PWAQ90  
(31) 62/967,812 (32) 30.01.20 (33) US
- 
- (71) Phytogen Seed Company, LLC  
(21) 2021200596 (22) 29.01.2021  
(54) Cotton variety 11PNFS45  
(31) 62/967,885 (32) 30.01.20 (33) US
- 
- (71) Phytogen Seed Company, LLC  
(21) 2021200598 (22) 29.01.2021  
(54) Cotton variety 11PPYY71  
(31) 62/967,834 (32) 30.01.20 (33) US
- 
- (71) Precision Planting LLC  
(21) 2021200560 (22) 29.01.2021  
(54) Apparatus, systems and methods for row unit downforce control  
(62) 2019284076
- 
- (71) Pressalit A/S  
(21) 2021200505 (22) 28.01.2021  
(54) CHANGING PLACES  
(31) PA 2020 70058 (32) 30.01.20 (33) DK
- 
- (71) Prilenia Neurotherapeutics Ltd  
(21) 2021200697 (22) 03.02.2021  
(54) Use of pridopidine for the treatment of anxiety and depression  
(62) 2017326436
- 
- (71) ProSlide Technology Inc.  
(21) 2021200555 (22) 29.01.2021  
(54) Water ride  
(62) 2015274195
- 
- (71) Prysmian S.p.A.  
(21) 2021200803 (22) 09.02.2021  
(54) Flexible ribbon fiber separation tool  
(31) 16/810,278 (32) 05.03.20 (33) US
- 
- (71) PyroGenesis Canada Inc.  
(21) 2021200689 (22) 03.02.2021  
(54) ENERGY EFFICIENT HIGH POWER PLASMA TORCH  
(62) 2015258742
- 
- (71) Q'Apel Medical, LLC  
(21) 2021200675 (22) 03.02.2021  
(54) Tubular Structures with Variable Support  
(62) 2016209354
- 
- (71) QIMR Berghofer Medical Research Institute; Medair Limited  
(21) 2021200545 (22) 28.01.2021  
(54) SYSTEM AND METHOD FOR AIR STERILISATION  
(31) 2020904854 (32) 24.12.20 (33) AU
- 
- (71) Qualcomm Incorporated  
(21) 2021200608 (22) 29.01.2021  
(54) COMMON SEARCH SPACE FOR MACHINE TYPE COMMUNICATIONS  
(62) 2016292667
- 
- (71) Qualcomm Incorporated  
(21) 2021200612 (22) 29.01.2021  
(54) COMMON SEARCH SPACE FOR MACHINE TYPE COMMUNICATIONS  
(62) 2016292667
- 
- (71) Rail-Veyor Technologies Global Inc.  
(21) 2021200651 (22) 02.02.2021  
(54) Control system for an improved rail transport system for conveying bulk materials  
(62) 2015286189
- 
- (71) Revance Therapeutics, Inc.  
(21) 2021200561 (22) 29.01.2021  
(54) Injectable botulinum toxin formulations  
(62) 2018253620
- 
- (71) Ripclear LLC  
(21) 2021200736 (22) 04.02.2021  
(54) Lens Protector Systems  
(62) 2016308063
- 
- (71) Rothamsted Research Limited  
(21) 2021200713 (22) 04.02.2021  
(54) Treating water stress in plants  
(62) 2016290139
- 
- (71) Sage Therapeutics, Inc.  
(21) 2021200721 (22) 04.02.2021  
(54) Neuroactive compounds and methods of use thereof  
(62) 2015330906
- 
- (71) Sanofi Pasteur Inc.  
(21) 2021200727 (22) 04.02.2021  
(54) Engineered influenza antigenic polypeptides and immunogenic compositions thereof  
(62) 2016270979
- 
- (71) Scancam Industries Pty Ltd  
(21) 2021200700 (22) 03.02.2021  
(54) Vehicle fuel theft mitigation system and method  
(62) 2016228963
- 
- (71) Seeley International Pty Ltd; FF Seeley Nominees Pty Ltd  
(21) 2021200733 (22) 04.02.2021  
(54) Support for Roof Top Utility  
(62) 2019202014
- 
- (71) SEMINIS VEGETABLE SEEDS, INC.  
(21) 2021200744 (22) 05.02.2021  
(54) SPINACH LINE MSA-S017-1271F  
(31) 16/836,595 (32) 31.03.20 (33) US
- 
- (71) ServiceNow, Inc.  
(21) 2021200472 (22) 25.01.2021  
(54) Performance monitoring of system version releases  
(62) 2019204765
- 
- (71) ServiceNow, Inc.  
(21) 2021200509 (22) 28.01.2021

Complete Applications Filed - Name Index cont'd

<p>(54) Persistent word vector input to multiple machine learning models (62) 2019232887</p>	<p>(71) Sofec, Inc. (21) 2021200735 (22) 04.02.2021 (54) Disconnectable tower yoke assembly and method of using same (62) 2016344469</p>	<p>(71) Stramit Corporation Pty Limited (21) 2021200672 (22) 03.02.2021 (54) Fascia Panel (31) 2020900421 (32) 14.02.20 (33) AU</p>
<p>(71) SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD. (21) 2021200508 (22) 28.01.2021 (54) FLUAZINAM WATER DISPERSIBLE GRANULE AND PREPARATION METHOD THEREOF (31) 202011518883.7 (32) 21.12.20 (33) CN</p>	<p>(71) Sol Solution (21) 2021200679 (22) 03.02.2021 (54) Measuring device and system for the geomechanical characterization of a soil, and corresponding measuring method (31) 2001137 (32) 05.02.20 (33) FR</p>	<p>(71) Subdomain, LLC; Arcellx, Inc (21) 2021200810 (22) 09.02.2021 (54) De novo binding domain containing polypeptides and uses thereof (62) 2016246426</p>
<p>(71) SHANGHAI KAIBAO PHARMACEUTICAL CO., LTD. (21) 2021200606 (22) 29.01.2021 (54) APPLICATION OF PHLEGMY-HEATCLEAR IN PREPARATION OF DRUG FOR TREATMENT OF ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (31) 202010647584.7 (32) 07.07.20 (33) CN</p>	<p>(71) Sound Pharmaceuticals Incorporated (21) 2021200583 (22) 29.01.2021 (54) Methods and compositions for treating psychotic disorders (62) 2015317877</p>	<p>(71) Sumitomo Chemical Company, Limited (21) 2021200550 (22) 29.01.2021 (54) Heterocyclic compound and harmful arthropod controlling agent containing same (62) 2017293178</p>
<p>(71) SHIMADZU CORPORATION (21) 2021200667 (22) 02.02.2021 (54) Method for treating volatile liquid and device for treating liquid (62) 2017396218</p>	<p>(71) Spinrite Inc. (21) 2021200511 (22) 28.01.2021 (54) A system, method, and material for encouraging study or mastery of a fibre art skill (62) 2017310269</p>	<p>(71) Suzhou One World Technology Co. Ltd (21) 2021200588 (22) 29.01.2021 (54) DATA PROCESSING METHOD, DEVICE AND SYSTEM (62) 2015263573</p>
<p>(71) Shopify Inc. (21) 2021200682 (22) 03.02.2021 (54) SYSTEMS AND METHODS FOR GENERATING AUGMENTED REALITY SCENES FOR PHYSICAL ITEMS (31) 16/783,322 (32) 06.02.20 (33) US 20215725.1 18.12.20 EP</p>	<p>(71) Spraying Systems Co. (21) 2021200705 (22) 04.02.2021 (54) Apparatus and method for spray drying (62) 2016349382</p>	<p>(71) Swanston, W. (21) 2021200750 (22) 05.02.2021 (54) FLOOR WASTE (31) 2020900310 (32) 05.02.20 (33) AU</p>
<p>(71) Sigma-Aldrich Co. LLC (21) 2021200636 (22) 01.02.2021 (54) USING PROGRAMMABLE DNA BINDING PROTEINS TO ENHANCE TARGETED GENOME MODIFICATION (62) 2020244497</p>	<p>(71) Spraying Systems Co. (21) 2021200708 (22) 04.02.2021 (54) Apparatus and method for spray drying (62) 2016349382</p>	<p>(71) SYNEXIS LLC (21) 2021200781 (22) 08.02.2021 (54) PURIFIED HYDROGEN PEROXIDE GAS GENERATION METHODS AND DEVICES (62) 2019200274</p>
<p>(71) smith, t. (21) 2021200739 (22) 05.02.2021 (54) My website that I Tamara Claudia Smith have created is called Campz or something similar. I am Patenting the concept of the website is for people to be able to search up paid campsite options that are available to camp for particular dates. Property owners have their website set up to online booking system and use my website as a pathway/advertising option to get traffic to their website and allow people to know what is available. The concept is similar to cheapflights.com.au</p>	<p>(71) Square, Inc. (21) 2021200597 (22) 29.01.2021 (54) Processing a mobile payload (62) 2017322412</p>	<p>(71) Syngenta Participations AG (21) 2021200798 (22) 09.02.2021 (54) Animal feed compositions and methods of use (62) 2016245959</p>
<p>(71) Smith, D. (21) 2021200563 (22) 29.01.2021 (54) GUIDE TRACK FOR AN AWNING, ANNEX ROOF OR SHADE SAIL (31) 2020904182 (32) 13.11.20 (33) AU</p>	<p>(71) Square, Inc. (21) 2021200725 (22) 04.02.2021 (54) Verified purchasing by email (62) 2015264085</p>	<p>(71) Tai Shan Illida Gas Appliance Co., Ltd. (21) 2021200499 (22) 27.01.2021 (54) NOVEL LOW-PRESSURE GAS PRESSURE REDUCING VALVE (31) 202011529399.4 (32) 22.12.20 (33) CN</p>
	<p>(71) Starlogik IP LLC (21) 2021200641 (22) 01.02.2021 (54) Networking between VOIP -and PSTN-calls (62) 2019201542</p>	<p><b>TAKEDA PHARMACEUTICAL COMPANY LIMITED see Alnylam Pharmaceuticals, Inc.</b> (21) 2021200742</p>
	<p>(71) Steffen, S.; Dowding, D.K.; Nikolic, M.; Menhennitt, L. (21) 2021200619 (22) 30.01.2021 (54) v.ice Mechanical ice maker appliances with vibrating technology.</p>	<p>(71) Tata Consultancy Services Limited (21) 2021200535 (22) 28.01.2021 (54) Exactly-once transaction semantics for fault tolerant FPGA based transaction systems (62) 2019201592</p>

Complete Applications Filed - Name Index cont'd

(71) Technicka Univerzita V Liberci  
 (21) 2021200824 (22) 10.02.2021  
 (54) Method for the production of a concentrated organic fertilizer from raw sheep wool  
 (31) PV 2020-72 (32) 14.02.20 (33) CZ

(71) Techtronic Cordless GP  
 (21) 2021200551 (22) 29.01.2021  
 (54) Lawnmowers with safety features and methods associate therewith  
 (31) 62/976,070 (32) 13.02.20 (33) US

(71) The Banktech Group Pty Ltd  
 (21) 2021200770 (22) 05.02.2021  
 (54) CASH TRANSACTION SYSTEM AND METHOD

(71) The Board of Trustees of the Leland Stanford Junior University  
 (21) 2021200569 (22) 29.01.2021  
 (54) Noninvasive diagnosis of fetal aneuploidy by sequencing  
 (62) 2018201920

(71) The Boeing Company  
 (21) 2021200445 (22) 22.01.2021  
 (54) High fracture toughness ceramic support nut plate and gang channel  
 (62) 2016204684

(71) The Boeing Company  
 (21) 2021200684 (22) 03.02.2021  
 (54) Composite assembly with integrally formed panels and stiffeners  
 (31) 16/781,513 (32) 04.02.20 (33) US

(71) The Boeing Company  
 (21) 2021200704 (22) 04.02.2021  
 (54) Assembly jig with flexible floor interface  
 (31) 15/930,789 (32) 13.05.20 (33) US

(71) The Boeing Company  
 (21) 2021200719 (22) 04.02.2021  
 (54) Paint design template production and associated systems and methods  
 (31) 16/820,490 (32) 16.03.20 (33) US

(71) The General Hospital Corporation  
 (21) 2021200481 (22) 27.01.2021  
 (54) INJECTABLE SLURRIES AND METHODS OF MANUFACTURING AND USING THE SAME  
 (62) 2015308794

(71) The Johns Hopkins University  
 (21) 2021200648 (22) 02.02.2021  
 (54) Activation of marrow infiltrating lymphocytes in hypoxic alternating with normoxic conditions  
 (62) 2015311761

(71) The Track Shop Pty Ltd  
 (21) 2021200646 (22) 02.02.2021  
 (54) GRADER BLADE  
 (62) 2015255249

(71) TKL VISION S.R.L.  
 (21) 2021200573 (22) 29.01.2021  
 (54) Folding wheel chock for industrial and/or commercial vehicles  
 (31) 102020000001807 (32) 30.01.20 (33) IT

(71) TMT PTY LTD  
 (21) 2021200823 (22) 10.02.2021  
 (54) Traffic light controller

(71) Top Win Optoelectronics Corp.  
 (21) 2021200805 (22) 09.02.2021  
 (54) Method for monitoring apparatus  
 (31) 109105284 (32) 19.02.20 (33) TW  
 109116393 18.05.20 TW

(71) TransDerm, Inc.  
 (21) 2021200536 (22) 28.01.2021  
 (54) Moisture-responsive films  
 (62) 2018244425

(71) Translate Bio, Inc.  
 (21) 2021200483 (22) 27.01.2021  
 (54) ENCAPSULATION OF MESSENGER RNA  
 (62) 2015283954

(71) Tri Alpha Energy, Inc.  
 (21) 2021200748 (22) 05.02.2021  
 (54) Systems and methods for forming and maintaining a high performance FRC  
 (62) 2015338965

(71) TuSimple, Inc.  
 (21) 2021200621 (22) 01.02.2021  
 (54) Vehicle-based rotating camera methods and systems  
 (31) 16/788,164 (32) 11.02.20 (33) US

(71) United Laboratories International, LLC  
 (21) 2021200500 (22) 27.01.2021  
 (54) SOLVENT COMPOSITION AND PROCESS FOR REMOVAL OF ASPHALT AND OTHER CONTAMINANT MATERIALS  
 (62) 2019201197

(71) Ureka Sarl  
 (21) 2021200731 (22) 04.02.2021  
 (54) PRO-DRUG PEPTIDE WITH IMPROVED PHARMACEUTICAL PROPERTIES  
 (62) 2018293467

(71) VAKALAPUDI, S.P.  
 (21) 2021200618 (22) 30.01.2021

(54) System and method for video communication  
 (62) 2016221369

Vanounou, E. see LivePerson, Inc.  
 (21) 2021200710

(71) Vaxiion Therapeutics, LLC  
 (21) 2021200525 (22) 28.01.2021  
 (54) Immunomodulatory minicells and methods of use  
 (62) 2019200735

(71) View, Inc.  
 (21) 2021200729 (22) 04.02.2021  
 (54) Defect-mitigation layers in electrochromic devices  
 (62) 2018267645

(71) Virginia Commonwealth University  
 (21) 2021200574 (22) 29.01.2021  
 (54) Oxygenated cholesterol sulfates for therapy of disorders caused by at least one of attenuated leptin activity and a lipid storage disorder  
 (62) 2015329716

(71) Visa International Service Association  
 (21) 2021200521 (22) 28.01.2021  
 (54) Systems and methods for device push provisioning  
 (62) 2017206119

(71) Visa International Service Association  
 (21) 2021200807 (22) 09.02.2021  
 (54) SYSTEMS AND METHODS FOR INTEROPERABLE NETWORK TOKEN PROCESSING  
 (62) 2019201056

(71) Vorwerk & Co. Interholding GmbH  
 (21) 2021200564 (22) 29.01.2021  
 (54) System with kitchen appliances for a coordinated cooking and process  
 (31) 20 154 494.7 (32) 30.01.20 (33) EP

(71) Watt Fuel Cell Corp.  
 (21) 2021200741 (22) 05.02.2021  
 (54) MULTI-REFORMABLE FUEL DELIVERY SYSTEMS AND METHODS FOR FUEL CELLS  
 (62) 2015305815

(71) Weber-Stephen Products LLC  
 (21) 2021200671 (22) 03.02.2021  
 (54) Grill hinge  
 (62) 2019204875

(71) Weber-Stephen Products LLC  
 (21) 2021200734 (22) 04.02.2021

Complete Applications Filed - Name Index cont'd

(54) Digital power supply with wireless monitoring and control  
 (62) 2019203941

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(71) WIREMAN PTY LIMITED  
 (21) 2021200792 (22) 08.02.2021  
 (54) A Fence Post Body  
 (31) 2020900420 (32) 14.02.20 (33) AU

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(71) Wistron Corporation  
 (21) 2021200794 (22) 08.02.2021  
 (54) Traffic status display system and related display method  
 (31) 109134001 (32) 30.09.20 (33) TW

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(71) XYZ Energy Group, LLC  
 (21) 2021200447 (22) 22.01.2021  
 (54) SYSTEM AND METHOD FOR THE GENERATION OF HEAT AND POWER USING MULTIPLE CLOSED LOOPS COMPRISING A PRIMARY HEAT TRANSFER LOOP, A POWER CYCLE LOOP AND AN INTERMEDIATE HEAT TRANSFER LOOP  
 (62) 2019245407

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(71) Zambon S.p.A.  
 (21) 2021200503 (22) 27.01.2021  
 (54) Composition comprising at least one dry powder obtained by spray drying to increase the stability of the formulation  
 (62) 2015330010

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(71) Zhejiang Orient Gene Biotech Co.,Ltd  
 (21) 2021200680 (22) 03.02.2021  
 (54) DEVICE AND METHOD FOR DISTINGUISHING SMOKING E-CIGARETTE FROM SMOKING CIGARETTE  
 (31) 2020100902491 (32) 13.02.20 (33) CN  
 63/023,213 11.05.20 US

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(71) Zodiac Pool Care Europe  
 (21) 2021200724 (22) 04.02.2021  
 (54) Device for extracting a swimming pool cleaning apparatus  
 (62) 2016337176

Numerical Index

<b>2021200445</b>	The Boeing Company	<b>2021200531</b>	Mitac Information Technology Corp.
<b>2021200446</b>	H3 Dynamics Holdings Pte. Ltd.	<b>2021200532</b>	Mitac Information Technology Corp.
<b>2021200447</b>	XYZ Energy Group, LLC	<b>2021200533</b>	Mitac Information Technology Corp.
<b>2021200448</b>	Caterpillar Inc.	<b>2021200535</b>	Tata Consultancy Services Limited
<b>2021200449</b>	CommScope Technologies LLC	<b>2021200536</b>	TransDerm, Inc.
<b>2021200450</b>	INCYTE CORPORATION	<b>2021200537</b>	Chevron U.S.A. Inc
<b>2021200463</b>	Clene Nanomedicine, Inc.	<b>2021200538</b>	American Greetings Corporation
<b>2021200467</b>	Arbitron Inc.	<b>2021200539</b>	BLOCKAID PTY LTD
<b>2021200469</b>	IGT	<b>2021200540</b>	Concave Global Pty Ltd
<b>2021200470</b>	Malta Inc.	<b>2021200541</b>	Metal Testing Pty Ltd
<b>2021200472</b>	ServiceNow, Inc.	<b>2021200542</b>	Institute of Biotechnology, Xinjiang Academy of Animal Science (China-Australia Sheep Research Centre, Xinji- ang Academy of Animal Science)
<b>2021200473</b>	Dynacore Pty Ltd		
<b>2021200474</b>	Genzyme Corporation	<b>2021200543</b>	Canon Kabushiki Kaisha
<b>2021200475</b>	CleverNet Inc.	<b>2021200544</b>	B. Braun Medical Inc.
<b>2021200476</b>	Balamurugan, M.	<b>2021200545</b>	QIMR Berghofer Medical Research Institute; Medair Limited
<b>2021200477</b>	Opex Corporation		
<b>2021200478</b>	Aqua Group Limited	<b>2021200546</b>	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
<b>2021200479</b>	Nextremity Solutions, Inc.	<b>2021200547</b>	Advance International Inc.
<b>2021200480</b>	LTI Flexible Products, Inc.	<b>2021200548</b>	8 Rivers Capital, LLC
<b>2021200481</b>	The General Hospital Corporation	<b>2021200549</b>	Burcon Nutrascience (MB) Corp.
<b>2021200482</b>	Noleus Technologies Inc.	<b>2021200550</b>	Sumitomo Chemical Company, Limited
<b>2021200483</b>	Translate Bio, Inc.	<b>2021200551</b>	Techtronic Cordless GP
<b>2021200484</b>	MockV Solutions	<b>2021200552</b>	Angus Robertson Mechanical Limited
<b>2021200485</b>	LightLab Imaging, Inc.	<b>2021200553</b>	NeuroVasc Technologies, Inc.
<b>2021200486</b>	Moderna Therapeutics, Inc.	<b>2021200554</b>	MAKO Surgical Corp.
<b>2021200487</b>	FiberLean Technologies Limited	<b>2021200555</b>	ProSlide Technology Inc.
<b>2021200488</b>	IPG PHOTONICS CORPORATION	<b>2021200557</b>	Anheuser-Busch InBev S.A.
<b>2021200489</b>	Mayo Foundation for Medical Education and Research	<b>2021200558</b>	ioGenetics, LLC
<b>2021200490</b>	Orange Maker LLC	<b>2021200559</b>	Glide Talk Ltd.
<b>2021200491</b>	Mayne Pharma International Pty Ltd	<b>2021200560</b>	Precision Planting LLC
<b>2021200492</b>	Acceleron Pharma Inc.	<b>2021200561</b>	Revance Therapeutics, Inc.
<b>2021200493</b>	Parkview Green Dairy Group Limited	<b>2021200562</b>	Hangzhou DAC Biotech Co., Ltd
<b>2021200494</b>	Agios Pharmaceuticals, Inc.	<b>2021200563</b>	Smith, D.
<b>2021200495</b>	eMoMo Technology Co., Ltd.	<b>2021200564</b>	Vorwerk & Co. Interholding GmbH
<b>2021200496</b>	Oisin Biotechnologies	<b>2021200565</b>	Apple Inc.
<b>2021200497</b>	Day, L.	<b>2021200566</b>	Heraeus Medical GmbH
<b>2021200498</b>	Legend Brands, Inc.	<b>2021200567</b>	Heraeus Medical GmbH
<b>2021200499</b>	Tai Shan Illida Gas Appliance Co., Ltd.	<b>2021200568</b>	ENDACE TECHNOLOGY LIMITED
<b>2021200500</b>	United Laboratories International, LLC	<b>2021200569</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2021200502</b>	AFT Pharmaceuticals Ltd		
<b>2021200503</b>	Zambon S.p.A.	<b>2021200570</b>	Ela Pharma Ltd
<b>2021200504</b>	Contract Resources Pty Ltd	<b>2021200571</b>	Origin Point Brands, LLC
<b>2021200505</b>	Pressalit A/S	<b>2021200572</b>	Baxalta Incorporated; Baxalta GmbH
<b>2021200506</b>	BISSELL Inc.	<b>2021200573</b>	TKL VISION S.R.L.
<b>2021200507</b>	ModernaTX, Inc.	<b>2021200574</b>	Virginia Commonwealth University
<b>2021200508</b>	SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD.	<b>2021200575</b>	AbbVie Deutschland GmbH & Co. KG
		<b>2021200576</b>	Middleton Mixology LLC
<b>2021200509</b>	ServiceNow, Inc.	<b>2021200577</b>	Apple Inc.
<b>2021200510</b>	Ariosa Diagnostics, Inc.	<b>2021200578</b>	Haynes, A.L.
<b>2021200511</b>	Spinrite Inc.	<b>2021200579</b>	Bluescope Steel Limited
<b>2021200512</b>	Janssen Pharmaceutica NV	<b>2021200580</b>	BP Corporation North America Inc.
<b>2021200513</b>	Mayo Foundation for Medical Education and Research	<b>2021200581</b>	Cosmetic Warriors Limited
<b>2021200514</b>	Johnson & Johnson Consumer Inc.	<b>2021200582</b>	Agenus Inc.; Memorial Sloan-Kettering Cancer Center; Ludwig Institute for Cancer Research Ltd.
<b>2021200515</b>	ClearStream Technologies Limited		
<b>2021200516</b>	Allergan Industrie, SAS	<b>2021200583</b>	Sound Pharmaceuticals Incorporated
<b>2021200517</b>	Amgen Inc.	<b>2021200584</b>	Opex Corporation
<b>2021200518</b>	Genentech, Inc.	<b>2021200585</b>	Phytogen Seed Company, LLC
<b>2021200519</b>	Hidrate, Inc.	<b>2021200586</b>	Phytogen Seed Company, LLC
<b>2021200520</b>	Eddy Current Limited Partnership	<b>2021200587</b>	Phytogen Seed Company, LLC
<b>2021200521</b>	Visa International Service Association	<b>2021200588</b>	Suzhou One World Technology Co. Ltd
<b>2021200523</b>	Blackhawk Network, Inc.	<b>2021200589</b>	Fraunhofer-Gesellschaft zur Förderung der ange- wandten Forschung e.V.
<b>2021200524</b>	Nanjing Tech University		
<b>2021200525</b>	Vaxiion Therapeutics, LLC	<b>2021200590</b>	Deep Coal Technologies Pty Ltd
<b>2021200526</b>	Minelab Electronics Pty. Limited	<b>2021200591</b>	Oticon Medical A/S
<b>2021200527</b>	Graco Minnesota Inc.	<b>2021200592</b>	Joy Global Longview Operations LLC
<b>2021200528</b>	Caisson Interventional, LLC	<b>2021200593</b>	LifeCell Corporation
<b>2021200529</b>	Canon Kabushiki Kaisha	<b>2021200594</b>	Caterpillar Inc.
<b>2021200530</b>	GenieUs Genomics Pty Ltd		

Complete Applications Filed - Numerical Index cont'd

2021200595	CATERPILLAR GLOBAL MINING LLC	2021200673	IGT
2021200596	Phytogen Seed Company, LLC	2021200675	Q'Apel Medical, LLC
2021200597	Square, Inc.	2021200676	Original Biological Technology Co., Ltd.
2021200598	Phytogen Seed Company, LLC	2021200677	Carbontrack Pty Ltd
2021200599	Immatics Biotechnologies GmbH	2021200678	Accenture Global Solutions Limited
2021200600	CA Casyso GmbH	2021200679	Sol Solution
2021200601	Astellas Institute for Regenerative Medicine	2021200680	Zhejiang Orient Gene Biotech Co.,Ltd
2021200602	Citrix Systems, Inc.	2021200681	CHIEN, C.
2021200603	NTT DOCOMO, INC.	2021200682	Shopify Inc.
2021200604	NTT DOCOMO, INC.	2021200683	Nagy, T.; Nagy, E.
2021200605	Dynamics Inc.	2021200684	The Boeing Company
2021200606	SHANGHAI KAIBAO PHARMACEUTICAL CO., LTD.	2021200685	Oregon Precision Industries, Inc. DBA PakTech
2021200607	NTT DOCOMO, INC.	2021200686	Medtronic Navigation, Inc.
2021200608	Qualcomm Incorporated	2021200687	Aristocrat Technologies, Inc.
2021200609	Becton, Dickinson and Company	2021200688	Captozyme, LLC
2021200610	CASE WESTERN RESERVE UNIVERSITY	2021200689	PyroGenesis Canada Inc.
2021200611	Melcare Medical Pty Ltd	2021200690	BISSELL Inc.
2021200612	Qualcomm Incorporated	2021200691	BISSELL Inc.
2021200613	LJCA Healthcare Pty Ltd	2021200692	BISSELL Inc.
2021200614	miDiagnostics NV	2021200694	FMC Corporation
2021200615	Altria Client Services LLC	2021200695	Australian Engineered Solutions Pty Ltd
2021200617	Day, J.R.F.	2021200696	Google LLC
2021200618	VAKALAPUDI, S.P.	2021200697	Prilenia Neurotherapeutics Ltd
2021200619	Steffen, S.; Dowding, D.K.; Nikolic, M.; Menhennitt, L.	2021200698	beaumont, a.
2021200620	Donmark Holdings Inc.	2021200699	La Vit Technology LLC
2021200621	TuSimple, Inc.	2021200700	Scancam Industries Pty Ltd
2021200622	AMVAC Hong Kong Limited	2021200701	NEC Corporation
2021200623	Global Payment Technologies Australia	2021200703	Advanced Engineering Solutions
2021200624	MACK RIDES GMBH & CO. KG	2021200704	The Boeing Company
2021200625	Eaton Intelligent Power Limited	2021200705	Spraying Systems Co.
2021200626	Hunter Douglas Inc.	2021200706	Air Products and Chemicals, Inc.; Air Products and Chemicals, Inc.
2021200628	Fisher & Paykel Healthcare Limited	2021200707	Massachusetts Eye and Ear Infirmary
2021200629	Fisher & Paykel Healthcare Limited	2021200708	Spraying Systems Co.
2021200630	NAVICO HOLDING AS	2021200709	FTC Solar, Inc.
2021200631	Hill-Rom Services, Inc.	2021200710	LivePerson, Inc.; Ofer, R.; Vanounou, E.; Konky, G.; Amir, S.
2021200632	Nagaki Seiki Co., Ltd.	2021200711	Dongguan HJ Reform LED Ltd.
2021200633	AEGIS SPINE, INC.	2021200712	Acer Incorporated
2021200634	AFT Pharmaceuticals Ltd	2021200713	Rothamsted Research Limited
2021200635	Leash Bar Pty Ltd	2021200714	NeuSpera Medical Inc.
2021200636	Sigma-Aldrich Co. LLC	2021200715	Ohio State Innovation Foundation
2021200637	Karius, Inc.	2021200717	Caterpillar Inc.
2021200638	Children's Medical Center Corporation	2021200718	Baiera, V.J.
2021200639	Gilead Sciences, Inc.	2021200719	The Boeing Company
2021200640	MTD Products Inc.	2021200720	LG ELECTRONICS INC.
2021200641	Starlogik IP LLC	2021200721	Sage Therapeutics, Inc.
2021200642	Atrium Medical Corporation	2021200722	Mauri Technology B.V.
2021200644	Academia Sinica	2021200723	Netflix, Inc.
2021200645	Adobe Inc.	2021200724	Zodiac Pool Care Europe
2021200646	The Track Shop Pty Ltd	2021200725	Square, Inc.
2021200647	Novartis AG	2021200726	Dolby International AB
2021200648	The Johns Hopkins University	2021200727	Sanofi Pasteur Inc.
2021200649	Canva Pty Ltd	2021200728	BASF Agro B.V.
2021200651	Rail-Veyor Technologies Global Inc.	2021200729	View, Inc.
2021200652	Boston Scientific Scimed, Inc.	2021200731	Ureka Sarl
2021200653	Interscope, Inc.	2021200733	Seeley International Pty Ltd; FF Seeley Nominees Pty Ltd
2021200654	Miles, S.	2021200734	Weber-Stephen Products LLC
2021200655	Apple Inc.	2021200735	Sofec, Inc.
2021200656	INGU Solutions Inc.	2021200736	Ripclear LLC
2021200657	HGCI, Inc.	2021200737	BASF Agro B.V.
2021200658	Cryovac, LLC; Furukawa MFG. Co., Ltd.	2021200739	smith, t.
2021200659	Downhole Products Limited	2021200740	Ocera Therapeutics, Inc.
2021200661	Emerging Compounds Treatment Technologies, Inc.	2021200741	Watt Fuel Cell Corp.
2021200662	GREENTECH INTERNATIONAL PTY LTD	2021200742	Alnylam Pharmaceuticals, Inc.; TAKEDA PHARMACEUTICAL COMPANY LIMITED
2021200663	Arcturus Therapeutics, Inc.	2021200743	Mettler Packaging Pty. Ltd.
2021200664	Dow AgroSciences LLC	2021200744	SEMINIS VEGETABLE SEEDS, INC.
2021200665	Assure Tech. (Hangzhou) Co., Ltd	2021200745	Novalith Technologies Pty Ltd
2021200666	ANTWORKS ENGINEERING PTY. LTD.	2021200746	Evogene Ltd.
2021200667	SHIMADZU CORPORATION	2021200747	Integrated Drilling Solutions Pty Ltd
2021200669	Ab Initio Technology LLC		
2021200670	HEE Solar, L.L.C.		
2021200671	Weber-Stephen Products LLC		
2021200672	Stramit Corporation Pty Limited		

Complete Applications Filed - Numerical Index cont'd

**2021200748** Tri Alpha Energy, Inc.  
**2021200749** Jayaram, N.  
**2021200750** Swanston, W.  
**2021200751** HADWAY PTY LTD  
**2021200752** Meilleur, R.  
**2021200753** Citrix Systems, Inc.  
**2021200754** Elbex Video Ltd.  
**2021200755** Deere & Company  
**2021200756** Implantica Patent Ltd  
**2021200757** Deere & Company  
**2021200759** NTT DOCOMO, INC.  
**2021200760** Meridian Medical Technologies, Inc.  
**2021200761** Covidien LP  
**2021200763** PGS Geophysical AS  
**2021200764** Blue Prism Limited  
**2021200765** iBio, Inc.; NOVICI BIOTECH LLC; MUSC Foundation  
 for Research Development  
**2021200767** PetroChina Company Limited  
**2021200768** DATAPOS TECHNOLOGIES PTY LTD  
**2021200769** 4D Pharma Research Limited  
**2021200770** The Banktech Group Pty Ltd  
**2021200771** OILQUICK DEUTSCHLAND KG  
**2021200772** Chomley Consulting Pty. Ltd  
**2021200773** KABUSHIKI KAISHA TOSHIBA  
**2021200774** Joint Purification Systems, Inc.  
**2021200775** Fenzl, M.E.  
**2021200777** Deere & Company  
**2021200778** Advanced Bariatric Technology, LLC  
**2021200780** Fasteners for Retail, Inc.  
**2021200781** SYNEXIS LLC  
**2021200782** Black & Decker Inc.  
**2021200783** Ikaika Therapeutics, LLC  
**2021200784** Academia Sinica  
**2021200785** Boston Scientific Neuromodulation Corporation  
**2021200786** Guangdong Oppo Mobile Telecommunications Corp.,  
 Ltd.  
**2021200787** Apple Inc.  
**2021200788** Aristocrat Technologies Australia Pty Limited  
**2021200789** Apple Inc.  
**2021200790** Cantor Index LLC  
**2021200791** CFPH, LLC  
**2021200792** WIREMAN PTY LIMITED  
**2021200793** Madad Pty Ltd  
**2021200794** Wistron Corporation  
**2021200797** Angel Playing Cards Co., Ltd.  
**2021200798** Syngenta Participations AG  
**2021200800** Immatix Biotechnologies GmbH  
**2021200801** AKTINA CORP.  
**2021200802** Global Blood Therapeutics, Inc.  
**2021200803** Prysmian S.p.A.  
**2021200804** AKTINA CORP.  
**2021200805** Top Win Optoelectronics Corp.  
**2021200806** GC Corporation  
**2021200807** Visa International Service Association  
**2021200809** ASSIA SPE, LLC  
**2021200810** Subdomain, LLC; Arcellx, Inc  
**2021200811** BigTinCan Holdings Limited  
**2021200812** Global Stress Index Pty Ltd  
**2021200815** Baxalta GmbH; Baxalta Incorporated  
**2021200816** Monsanto Technology LLC  
**2021200818** ABS Global, Inc.  
**2021200820** Angel Playing Cards Co., Ltd.  
**2021200821** Coe, W.  
**2021200822** Digilog Technologies Pty Ltd  
**2021200823** TMT PTY LTD  
**2021200824** Technicka Univerzita V Liberci

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Feb 2021 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

<hr/> <p>(71) 4 Farmers Australia Pty Limited (21) 2021100580 (22) 29.01.2021 (54) METHOD AND COMPOSITION FOR CONTROL OF WEEDS (31) 2020903953 (32) 30.10.20 (33) AU</p> <hr/> <p><b>A, C.B. see G, S.S.K.</b> (21) 2021100531</p> <hr/> <p><b>A, A. see V, M.</b> (21) 2021100570</p> <hr/> <p>(71) ACUSENSUS IP PTY LTD (21) 2021100546 (22) 28.01.2021 (54) INFRINGEMENT DETECTION METHOD, DEVICE AND SYSTEM (62) 2019303737</p> <hr/> <p>(71) Affiliated Dongguan People's Hospital, Southern Medical University (21) 2021100577 (22) 29.01.2021 (54) CHITOSAN DRUG DELIVERY SYSTEM AND PREPARATION METHOD AND APPLICATION THEREOF</p> <hr/> <p>(71) Agarwal, A.; Negi, R.; Jaiswal, R. (21) 2021100479 (22) 25.01.2021 (54) ADAPTIVE DELTA MODULATED MODULAR MULTILEVEL CONVERTER</p> <hr/> <p><b>Agrawal, A. see Alhakami, H.</b> (21) 2021100559</p> <hr/> <p><b>Ahmad Khan, R. see Alhakami, H.</b> (21) 2021100554</p> <hr/> <p>(71) Alashan Mongolian Hospital (21) 2021100530 (22) 28.01.2021 (54) MONGOLIAN MEDICINE COMPOSITION FOR TREATING DIABETES, HYPERTENSIVE AND PRIMARY HYPERTENSIVE (31) 202010362641.7 (32) 30.04.20 (33) CN</p> <hr/> <p><b>Algahtani, A. see Tirth, V.</b> (21) 2021100625</p> <hr/> <p>(71) Alhakami, H.; Baz, A.; Al-Sharef, M.; Kumar, R.; Ahmad Khan, R. (21) 2021100554 (22) 28.01.2021</p>	<p>(54) BIGDATA ANALYSIS FOR SMART HOSPITAL MANAGEMENT SYSTEM USING BLOCKCHAIN</p> <hr/> <p><b>Alhakami, W. see Alhakami, H.</b> (21) 2021100559</p> <hr/> <p>(71) Alhakami, H.; Baz, A.; Alhakami, W.; Agrawal, A.; Kumar, R.; Khan, R.A. (21) 2021100559 (22) 28.01.2021 (54) A SECURITY MANAGEMENT SYSTEM FOR DIGITAL HEALTHCARE INFORMATION MANAGEMENT FIELD AND ITS METHOD THEREOF</p> <hr/> <p><b>Al-Sharef, M. see Alhakami, H.</b> (21) 2021100554</p> <hr/> <p>(71) Anhui University of Science and Technology (21) 2021100618 (22) 01.02.2021 (54) Mine Safety Dynamic Monitoring Management System</p> <hr/> <p>(71) Anhui University of Science and Technology (21) 2021100619 (22) 01.02.2021 (54) MINE SAFETY MONITORING SYSTEM</p> <hr/> <p>(71) Apple Inc. (21) 2021100470 (22) 25.01.2021 (54) Under-display optical fingerprint sensor with nvf collimator and tft/organic imager (62) PCT/US2019/040355</p> <hr/> <p>(71) Apple Inc. (21) 2021100511 (22) 27.01.2021 (54) Mobile key enrollment and use (31) 62/966,481 (32) 27.01.20 (33) US 17/077,820 22.10.20 US</p> <hr/> <p>(71) ASM TECHNOLOGY PTY LTD (21) 2021100650 (22) 02.02.2021 (54) INTELLIGENT SAMPLE CABINET USED IN LABORATORIES (31) 2020226257713 (32) 13.11.20 (33) CN</p> <hr/> <p>(71) Attar, A.R.; Patil, S.A.; Utpat, S.R.; Naidu, M.J. (21) 2021100605 (22) 31.01.2021</p>	<p>(54) POWER SCREW BASED SOLAR TRACKING SYSTEM FOR PARABOLIC TROUGH COLLECTOR</p> <hr/> <p>(71) Aussie Scope Stickers (21) 2021100627 (22) 02.02.2021 (54) Rifle scope elevation turret stickers.</p> <hr/> <p><b>B.S, P. see Balakrishna, R.</b> (21) 2021100646</p> <hr/> <p><b>Baddruddin Magami, I.A. see Tirth, V.</b> (21) 2021100625</p> <hr/> <p>(71) Balakrishna, R.; Patil, S.; K S, R.; Manoj, S.; G, M.; B.S, P.; Parameshwaraiyah, D.; Prasad, S.; Neeli, J.; Cauvery, N.K.; Vijayanand, S. (21) 2021100646 (22) 02.02.2021 (54) Intelligent- SIM: Multiple Company Mobile Number Installed in Single SIM (Single Sim, Multiple Networks)</p> <hr/> <p>(71) Batten, M. (21) 2021100541 (22) 28.01.2021 (54) CRANE LOADING PLATFORM</p> <hr/> <p><b>Baz, A. see Alhakami, H.</b> (21) 2021100554</p> <hr/> <p><b>Baz, A. see Alhakami, H.</b> (21) 2021100559</p> <hr/> <p>(71) Beijing Forestry University (21) 2021100640 (22) 02.02.2021 (54) RAPID BIOLOGICAL ASSAY FOR CONTENT OF ABSCISIC ACID IN FOREST TREE SEED AND USE THEREOF (31) 202010362641.7 (32) 30.04.20 (33) CN</p> <hr/> <p>(71) Beijing Institute For Cancer Research (21) 2021100578 (22) 29.01.2021 (54) USE OF THERMOSENSITIVE MATERIAL IN PREPARATION OF INJECTION FOR PROTECTING PERIHEPATIC STRUCTURE DURING THERMAL ABLATION</p> <hr/> <p>(71) Beijing University of Civil Engineering and Architecture (21) 2021100527 (22) 27.01.2021</p>
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(54) Voice Recognition and Control Apparatus

**Beijing Xinanyue Intelligent Technology Co., Ltd. see North China Institute of Science and Technology**  
(21) 2021100551

(71) Beyond Architectural Pty Ltd  
(21) 2021100529 (22) 28.01.2021  
(54) Hinge  
(62) PCT/AU2020/050525

**B Gowda, V. see M T, G.**  
(21) 2021100473

**Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences see Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences**  
(21) 2021100459

**B N, A. see M T, G.**  
(21) 2021100473

**Bohra, B.S. see Sahoo, N.G.**  
(21) 2021100549

**Brahma, B. see Majhi, S.K.**  
(21) 2021100648

(71) Brown, J.  
(21) 2021100589 (22) 29.01.2021  
(54) Pants Garment

(71) Bushfireio Pty Ltd  
(21) 2021100446 (22) 24.01.2021  
(54) Animated visual wind overlay using meteorological wind and fire boundaries, to depict fire movement on an interactive map

**C, N. see M T, G.**  
(21) 2021100473

**CapitalBio Technology Co., Ltd. see The Second Medical Center Of Chinese PLA General Hospital**  
(21) 2021100526

**Cauvery, N.K. see Balakrishna, R.**  
(21) 2021100646

(71) Central South University  
(21) 2021100534 (22) 28.01.2021

(54) METHOD FOR FORMING LARGE-CURVATURE INTEGRAL ALUMINUM COMPONENT

(71) Cheavr Pty Ltd; Yieldco.finance Pty Ltd  
(21) 2021100606 (22) 31.01.2021  
(54) https://Yieldco.finance is an online marketplace/exchange which enables customers to directly purchase cryptocurrencies (DLT/blockchain assets) that are primarily ERC20 smart contracts. However its scope isn't just limited to ERC20 tokens it also extends out to other various smart contracts available on the Flare/spare network, Kava network, and any other blockchain protocol. These smart contracts are liquidity mining contracts that algorithmically award interest to the holder. Yieldco.finance will facilitate the settlement of these smart contracts, so that customers don't have to.

**Chen, J. see Liu, J.**  
(21) 2021100505

(71) Chengdu University of Information Technology; National Meteorological Center; Chengdu Yiyun Technology Co., Ltd.  
(21) 2021100608 (22) 01.02.2021  
(54) PRECIPITATION EXTENSION FORECAST METHOD IN SOUTHWEST REGION BASED ON LOW-FREQUENCY OSCILLATION

**Chengdu Yiyun Technology Co., Ltd. see Chengdu University of Information Technology**  
(21) 2021100608

**China University of Mining & Technology, Beijing see North China Institute of Science and Technology**  
(21) 2021100551

(71) Chu, L.; Young, L.  
(21) 2021100514 (22) 27.01.2021  
(54) System for Continuously Detecting Temperature and Composition of Molten Steel During Converter Steelmaking

**C Veetil, A.S. see Tirth, V.**  
(21) 2021100625

(71) Dayalbagh Educational Institute  
(21) 2021100592 (22) 29.01.2021  
(54) QUANTUM SEEDED HYBRID EVOLUTIONARY COMPUTATIONAL PROCESS FOR CONSTRAINED OPTIMIZATION

**Dhal, S.K. see Majhi, S.K.**  
(21) 2021100648

**Dhali, S. see Sahoo, N.G.**  
(21) 2021100549

**Dhali, S. see Pandey, S.**  
(21) 2021100550

**Dhali, S. see Pandey, S.**  
(21) 2021100552

(71) DSM IP Assets B.V.  
(21) 2021100513 (22) 27.01.2021  
(54) TABLET CONTAINING 25-OH VITAMIN D3

(71) East China Jiaotong University  
(21) 2021100503 (22) 27.01.2021  
(54) METHOD AND SYSTEM FOR CONTROLLING HEAVY-HAUL TRAIN BASED ON REINFORCEMENT LEARNING  
(31) 202011396657.6 (32) 04.12.20 (33) CN

(71) Ecolab USA Inc.  
(21) 2021100394 (22) 22.01.2021  
(54) Device and method for attracting and trapping flying insects  
(62) 2020256463

(71) Ecolab USA Inc.  
(21) 2021100395 (22) 22.01.2021  
(54) Device and method for attracting and trapping flying insects  
(62) 2020256463

(71) Ecolab USA Inc.  
(21) 2021100398 (22) 22.01.2021  
(54) Device and method for attracting and trapping flying insects  
(62) 2020256463

(71) EDC Imports  
(21) 2021100613 (22) 01.02.2021  
(54) A folding step stool

**Feng, S. see Liu, J.**  
(21) 2021100505

(71) G, S.S.K.; P, J.; VUDAYAGIRI, M.; PALEMPATI, D.P.; MADDERLA, S.; A, C.B.; KAMIREDDY, S.R.  
(21) 2021100531 (22) 28.01.2021  
(54) FARMER FRIENDLY ROBOTIC SPRAYER

**G, M. see V, M.**  
(21) 2021100570

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**G, M. see Balakrishna, R.**  
(21) 2021100646

(71) GlassFit Australia Pty Ltd  
(21) 2021100574 (22) 29.01.2021  
(54) AN ELECTRICALLY INSULATED SPIGOT  
(31) 2020904546 (32) 08.12.20 (33) AU

(71) Guangdong Provincial People's Hospital  
(21) 2021100492 (22) 26.01.2021  
(54) DME Prognostic Information Prediction System Based on Integrated Machine Learning and Application Method Thereof

**Guangzhou Haiwei Aquatic Technology Co., Ltd. see South China Sea Fisheries Research Institute, Chinese Academy of Fishery Science**  
(21) 2021100599

**Guantao County Huayezhuangyuan Black Wheat Industry Co. Ltd see Institute of Cereal and Oil Crops Hebei Academy of Agri. and Fore. Sci.**  
(21) 2021100569

(71) Han, Y.  
(21) 2021100447 (22) 24.01.2021  
(54) The innovative transmission device relates to a coaxial transmission in which an input shaft and an output shaft are coaxial. The aim of the invention is to provide a coaxial transmission which is simple in structure, small in size, low in cost and will have a long operational life without damage.

**HANGZHOU NORMAL UNIVERSITY see HANGZHOU NORMAL UNIVERSITY QIANJIANG COLLEGE**  
(21) 2021100639

(71) HANGZHOU NORMAL UNIVERSITY QIANJIANG COLLEGE; HANGZHOU NORMAL UNIVERSITY  
(21) 2021100639 (22) 02.02.2021  
(54) MOBILE NURSING EXAMINATION SYSTEM AND USING METHOD THEREOF

**He, H. see Yu, J.**  
(21) 2021100536

**Hebei Medical University see The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital)**  
(21) 2021100510

**Hebei Medical University see The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital)**  
(21) 2021100512

(71) Heilongjiang Bayi Agricultural University  
(21) 2021100495 (22) 26.01.2021  
(54) A Method for Preparing Resistant Dextrin by Continuous Microwave

**Henan Polytechnic University see North China Institute of Science and Technology**  
(21) 2021100551

(71) Henan Sunshine Anticorrosive Painting Co., Ltd.  
(21) 2021100544 (22) 28.01.2021  
(54) ANTI-CORROSION AND REINFORCEMENT METHOD AND DEVICE FOR REINFORCED CONCRETE STRUCTURE  
(31) 202010510094.2 (32) 08.06.20 (33) CN

(71) Hubei Institute of Tobacco Science; Hubei University  
(21) 2021100581 (22) 29.01.2021  
(54) APPLICATIONS OF NAHS TO ALLEVIATION OF OBSTACLES IN CONTINUOUS CROPPING OF TOBACCOS AND PROMOTION OF DISEASE RESISTANCE AND GROWTH OF CIGAR TOBACCOS

(71) Hubei Institute of Tobacco Science; Hubei University  
(21) 2021100582 (22) 29.01.2021  
(54) METHOD FOR CONTROLLING TOBACCO BACTERIAL WILT AND APPLICATIONS OF NAHS TO CONTROL OF RALSTONIA SOLANACEARUM FOR TOBACCOS  
(31) 2020111717348 (32) 28.10.20 (33) CN

**Hubei Institute of Tobacco Science see Hubei University**  
(21) 2021100583

(71) Hubei Institute of Tobacco Science; Hubei University  
(21) 2021100584 (22) 29.01.2021  
(54) METHOD, TERMINAL AND MEDIUM FOR REGULATING DEGRADATION OF STARCH AND PROTEINS IN TOBACCO LEAF CURING PROCESS

**Hubei University see Hubei Institute of Tobacco Science**  
(21) 2021100581

**Hubei University see Hubei Institute of Tobacco Science**  
(21) 2021100582

(71) Hubei University; Hubei Institute of Tobacco Science  
(21) 2021100583 (22) 29.01.2021  
(54) ALLELOPATHIC AUTOTOXIN ABATEMENT TYPE BIO-ORGANIC FERTILIZER, METHOD FOR PREPARING SAME, METHOD FOR TESTING SAME AND APPLICATION THEREOF

**Hubei University see Hubei Institute of Tobacco Science**  
(21) 2021100584

(71) Huzhou Central Hospital  
(21) 2021100463 (22) 25.01.2021  
(54) A Trumpet-shaped Lung Cavity Cleaning Device

(71) Inner Mongolia Agricultural University  
(21) 2021100519 (22) 27.01.2021  
(54) Mouse sterilant ND-1 and preparation method thereof

(71) Institute for Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences; The People's Hospital of Guantao County, Hebei Province  
(21) 2021100537 (22) 28.01.2021  
(54) PURPLE WHEAT HEALTH CARE PRODUCT AND PREPARATION METHOD THEREOF

(71) Institute of Agricultural Engineering Technology, Fujian Academy of Agricultural Sciences  
(21) 2021100567 (22) 29.01.2021  
(54) METHOD FOR EXTRACTING FLAVONOID COMPOUNDS FROM HYPsizYGUS MARMOREUS

(71) Institute of Agricultural Engineering Technology, Fujian Academy of Agricultural Sciences  
(21) 2021100571 (22) 29.01.2021  
(54) METHOD FOR PREPARING FOOD ADDITIVE WITH FRESH TREMELLA FUCIFORMIS

(71) INSTITUTE OF AGRICULTURAL RESOURCES AND REGIONAL PLANNING, CHINESE ACADEMY OF AGRICULTURAL SCIENCES  
(21) 2021100548 (22) 28.01.2021  
(54) ORGANIC NUTRIENT-BASED ACCELERATOR FOR DISSOLUTION OF POTASSIUM SULFATE AND PREPARATION AND USE THEREOF

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- (71) Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Center, Guangzhou)  
(21) 2021100535 (22) 28.01.2021  
(54) SPRAY PYROLYSIS PREPARATION METHOD OF GRADIENT SELF-DOPING MULTI METAL OXIDE SEMICONDUCTOR THIN FILM  
(62) PCT/CN2019/083188
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- (71) INSTITUTE OF APPLIED ECOLOGY, CHINESE ACADEMY OF SCIENCES  
(21) 2021100557 (22) 28.01.2021  
(54) CARBON-COUPLED STABILIZED NITROGEN FERTILIZER AND PREPARATION METHOD
- 
- (71) INSTITUTE OF APPLIED ECOLOGY, CHINESE ACADEMY OF SCIENCES  
(21) 2021100558 (22) 28.01.2021  
(54) CARBON-COUPLED STABILIZED COMPOUND FERTILIZER AND PREPARATION METHOD
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- (71) Institute of Cereal and Oil Crops Hebei Academy of Agri. and Fore. Sci.; Guantao County Huayezhuangyuan Black Wheat Industry Co. Ltd  
(21) 2021100569 (22) 29.01.2021  
(54) Purple Wheat Bran Dietary Fiber Powder and Manufacturing Method Thereof
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- (71) INSTITUTE OF COTTON RESEARCH OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES  
(21) 2021100466 (22) 25.01.2021  
(54) COMBINED POLLEN COLLECTOR  
(62) PCT/CN2020/070627
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- (71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
(21) 2021100491 (22) 26.01.2021  
(54) A method for analyzing equivalence phenomenon of electrical source transient electromagnetic method
- 
- J, A.J. see V, M.**  
(21) 2021100570
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- (71) JAIN, M.K.  
(21) 2021100615 (22) 01.02.2021  
(54) COMBINED AIR SANITIZER, DEODORIZER AND DISINFECTANT SPRAY  
(62) 2020233706
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- Jaiswal, R. see Agarwal, A.**  
(21) 2021100479
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- JAMUNA ANAND, S. see V, M.**  
(21) 2021100570
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- (71) Jiangsu University  
(21) 2021100545 (22) 28.01.2021  
(54) A method for estimating the state of health of lithium ion power batteries based on machine learning
- 
- (71) Jiangsu Zhidian Biotechnology Co., Ltd.  
(21) 2021100522 (22) 27.01.2021  
(54) METHOD FOR FLUOROMETRIC ASSAY IN CELL-FREE PROTEIN SYNTHESIS ENVIRONMENT  
(31) 2020101904901 (32) 18.03.20 (33) CN
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- (71) Jilin Agricultural University  
(21) 2021100482 (22) 25.01.2021  
(54) An Pleurotus ostreatus Galactomannan and Its Preparation Method and Application
- 
- (71) Jilin University  
(21) 2021100566 (22) 29.01.2021  
(54) WIRELESS INTELLIGENT PULSE DIAGNOSIS INSTRUMENT SYSTEM BASED ON BLUETOOTH 4.0
- 
- (71) Jilin University  
(21) 2021100642 (22) 02.02.2021  
(54) Method for Detecting Phosphorus Content in Water Based on Permutation Entropy
- 
- JOHN, C.B. see V, M.**  
(21) 2021100570
- 
- K, C. see M T, G.**  
(21) 2021100473
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- K, B. see V, M.**  
(21) 2021100570
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- Kamangar, S. see Tirth, V.**  
(21) 2021100625
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- Kamila, N.K. see Majhi, S.K.**  
(21) 2021100648
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- KAMIREDDY, S.R. see G, S.S.K.**  
(21) 2021100531
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- Karakoti, M. see Sahoo, N.G.**  
(21) 2021100549
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- Karakoti, M. see Pandey, S.**  
(21) 2021100550
- 
- Karakoti, M. see Pandey, S.**  
(21) 2021100552
- 
- Karki, N. see Pandey, S.**  
(21) 2021100552
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- Khan, R.A. see Alhakami, H.**  
(21) 2021100559
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- Khan Tatagar, M.Y. see Tirth, V.**  
(21) 2021100625
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- (71) kollar, a.  
(21) 2021100617 (22) 01.02.2021  
(54) QR code operated washing machine / smart shared laundry
- 
- K S, R. see Balakrishna, R.**  
(21) 2021100646
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- Kumar, R. see Alhakami, H.**  
(21) 2021100554
- 
- Kumar, R. see Alhakami, H.**  
(21) 2021100559
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- (71) LANZHOU PEPTIDE VALLEY RESEARCH INSTITUTE CO., LTD.  
(21) 2021100565 (22) 29.01.2021  
(54) ACID-ACTIVATED CSP TARGETED ANTIMICROBIAL PEPTIDE AND PREPARATION AND APPLICATION THEREOF
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- (71) Lazer Asset Pty Ltd  
(21) 2021100616 (22) 01.02.2021  
(54) A Fence Plinth
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- Li, A. see Liu, J.**  
(21) 2021100505
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- (71) Liaoning Shihua University  
(21) 2021100485 (22) 26.01.2021  
(54) An oil transfer device with anti-sticking wall
- 
- (71) Linyi University  
(21) 2021100488 (22) 26.01.2021  
(54) METHOD FOR QUANTITATIVELY ANALYZING IBUPROFEN IN BIOLOGICAL SAMPLE USING  $\beta$ -CYCLODEXTRIN-MODIFIED HOLOGRAPHIC SENSOR
- 
- Liu, X. see Liu, J.**  
(21) 2021100505
- 
- Liu, S. see Liu, J.**

Innovation Patent Applications Filed - Name Index cont'd

(21) 2021100505

(71) Liu, J.; Nina, G.; Li, A.; Wang, L.; Feng, S.; Liu, X.; Chen, J.; Liu, S.

(21) 2021100505 (22) 27.01.2021

(54) A METHOD FOR PREPARING AN ANTIMICROBIAL COMPLEX STRAIN FROM KEFIR

**MADDERLA, S. see G, S.S.K.**

(21) 2021100531

(71) Majhi, S.K.; Mishra, K.; Dhal, S.K.; Kamila, N.K.; Brahma, B.; Nukala, M.; Pani, S.K.; Pradhan, R.

(21) 2021100648 (22) 02.02.2021

(54) A SYSTEM AND METHOD FOR SCHEDULING TASK IN IOT-FOG-CLOUD CONTINUUM

**Manoj, S. see Balakrishna, R.**

(21) 2021100646

**Marwah, S.S. see Marwah, N.**

(21) 2021100624

(71) Marwah, N.; Marwah, S.S.

(21) 2021100624 (22) 01.02.2021

(54) Medicinal composition for treating hormonal imbalance in females

(71) McNamara, P.

(21) 2021100465 (22) 25.01.2021

(54) A freestanding sound attenuating apparatus for kitchen appliances

(62) PCT/AU2019/050850

(71) MIANYANG TEACHERS' COLLEGE

(21) 2021100644 (22) 02.02.2021

(54) RT-LAMP PRIMER COMPOSITION BASED ON PEDV M GENES AND APPLICATIONS THEREOF

**Mishra, K. see Majhi, S.K.**

(21) 2021100648

**M M, R. see V, M.**

(21) 2021100570

(71) M T, G.; K, C.; C, N.; Y H, S.K.; B N, A.; P, R.; B Gowda, V.

(21) 2021100473 (22) 25.01.2021

(54) PROCESS AND METHOD OF MAKING POTATO CHIPS USING MACHINE LEARNING CONTROLLED UNIT

**Naidu, M.J. see Attar, A.R.**

(21) 2021100605

(71) Nanjing Forestry University

(21) 2021100612 (22) 01.02.2021

(54) A method for preparation of scions

(71) Nankai University

(21) 2021100462 (22) 25.01.2021

(54) CONSTRUCTION METHOD FOR ATTENUATED PSEUDOMONAS AERUGINOSA AND APPLICATION THEREOF

**National Meteorological Center see Chengdu University of Information Technology**

(21) 2021100608

**Neeli, J. see Balakrishna, R.**

(21) 2021100646

**Negi, R. see Agarwal, A.**

(21) 2021100479

**Nina, G. see Liu, J.**

(21) 2021100505

**Ningxia University see Yinchuan Industrial Technology Research Institute**

(21) 2021100464

(71) North China Institute of Science and Technology; Henan Polytechnic University; China University of Mining & Technology, Beijing; Beijing Xinyue Intelligent Technology Co., Ltd.

(21) 2021100551 (22) 28.01.2021

(54) STRUCTURE FOR CONTROLLING FLOOR HEAVE OF ROADWAY

(71) Northwestern Polytechnical University

(21) 2021100634 (22) 02.02.2021

(54) IMAGE TARGET RECOGNITION SYSTEM BASED ON RGB DEPTH-OF-FIELD CAMERA AND HYPERSPECTRAL CAMERA

**Nukala, M. see Majhi, S.K.**

(21) 2021100648

(71) Ordos City Mengkangyuan Biotechnology Research Co., Ltd.

(21) 2021100516 (22) 27.01.2021

(54) The biological insecticide for *Cynanchum Komarovii* Al and preparation method thereof

(31) 202010820018.1 (32) 14.08.20 (33) CN

**P, R. see M T, G.**

(21) 2021100473

**P, J. see G, S.S.K.**

(21) 2021100531

**PALEMPATI, D.P. see G, S.S.K.**

(21) 2021100531

**Pandey, S. see Sahoo, N.G.**

(21) 2021100549

(71) Pandey, S.; Karakoti, M.; Dhali, S.; Tewari, C.; Sahoo, N.G.

(21) 2021100550 (22) 28.01.2021

(54) Process of preparation of naturally doped Silicon, Magnesium and Calcium Graphene nanosheets from Paper Waste for Energy Applications

(71) Pandey, S.; Karakoti, M.; Dhali, S.; Karki, N.; Sahoo, N.G.

(21) 2021100552 (22) 28.01.2021

(54) Cotton Based Scalable Green Synthesis of Graphene Nanofibers

**Pani, S.K. see Majhi, S.K.**

(21) 2021100648

**Parameshwaraiiah, D. see Balakrishna, R.**

(21) 2021100646

**Patil, S.A. see Attar, A.R.**

(21) 2021100605

**Patil, S. see Balakrishna, R.**

(21) 2021100646

(71) Plus Daily Limited

(21) 2021100611 (22) 01.02.2021

(54) A systems for aiding recovery from alcohol

**Pradhan, R. see Majhi, S.K.**

(21) 2021100648

**Prasad, S. see Balakrishna, R.**

(21) 2021100646

(71) Qingdao Agricultural University

(21) 2021100472 (22) 25.01.2021

(54) MANUFACTURING METHOD OF SPACE CULTURE BOX FOR PLANT CULTIVATION

(31) 202010209255.4 (32) 23.03.20 (33) CN

(71) Qingdao Agricultural University

(21) 2021100493 (22) 26.01.2021

Innovation Patent Applications Filed - Name Index cont'd

(54) An Intelligent Agricultural Irrigation Device

(71) Qingdao Agricultural University  
(21) 2021100494 (22) 26.01.2021  
(54) An Intelligent Agriculture Monitoring and Management System

(71) Qingdao Agricultural University  
(21) 2021100528 (22) 28.01.2021  
(54) A microwave-assisted method with salts as matrices for the preparation of multi-color phosphors

(71) Qingdao Agricultural University  
(21) 2021100533 (22) 28.01.2021  
(54) Soil salinity at Yellow River Delta Inversion Method based on Landsat 8

(71) Qingdao Agricultural University  
(21) 2021100561 (22) 28.01.2021  
(54) Portable forestry seed collection tool  
(31) 2021200738232 (32) 12.01.21 (33) CN

(71) Qingdao Agricultural University  
(21) 2021100562 (22) 28.01.2021  
(54) Screening device for grading and filtering forestry seeds  
(31) 2021200717310 (32) 12.01.21 (33) CN

(71) Qingdao Agricultural University  
(21) 2021100600 (22) 31.01.2021  
(54) A Preparation and Application of Recombinant Dihydrofolate Reductase from Streptococcus Pneumoniae

(71) Qingdao Agricultural University  
(21) 2021100604 (22) 31.01.2021  
(54) Preparations of ultrahigh fluorescence quantum yield carbon dots, carbon dots/PVA phosphor film and the LED application of the phosphor film

(71) QINGDAO AGRICULTURAL UNIVERSITY  
(21) 2021100515 (22) 27.01.2021  
(54) BREVIBACILLUS AGRI DR2-1 AND APPLICATIONS THEREOF  
(31) 202011444098.1 (32) 08.12.20 (33) CN

(71) Qingdao University  
(21) 2021100575 (22) 29.01.2021  
(54) LABORATORY SYNTHESIS DEVICE OF RARE EARTH UPCONVERSION NANOPARTICLES FOR BIOPHARMACEUTICAL USE  
(31) 202023173006.9 (32) 25.12.20 (33) CN

(71) Qingdao University of Technology  
(21) 2021100542 (22) 28.01.2021

(54) FACE RECOGNITION METHOD COMBINED WITH BIM

(71) Quantum Engineering oy ltd  
(21) 2021100632 (22) 02.02.2021  
(54) New type of ionizing ozonizer

R, S. see V, M.  
(21) 2021100570

S, S.K. see V, M.  
(21) 2021100570

(71) Sahoo, N.G.; Tatrari, G.; Pandey, S.; Tewari, C.; Karakoti, M.; Bohra, B.S.; Dhali, S.  
(21) 2021100549 (22) 28.01.2021  
(54) POLYMERIC WASTE DERIVED NANOGRAPHITIC ADDITIVES FOR CONCRETE MIXTURE AND METHOD OF MANUFACTURING THEREOF

Sahoo, N.G. see Pandey, S.  
(21) 2021100550

Sahoo, N.G. see Pandey, S.  
(21) 2021100552

(71) Schneider Electric (Australia) Pty Limited  
(21) 2021100468 (22) 25.01.2021  
(54) IMPROVEMENTS IN WALL MOUNTED ELECTRICAL OUTLETS AND SWITCH PLATES  
(62) 2020200096

(71) Schneider Electric (Australia) Pty Limited  
(21) 2021100471 (22) 25.01.2021  
(54) CONNECTORS FOR ELECTRICAL SYSTEM  
(62) 2016235020

(71) SDIP Holdings Pty Ltd  
(21) 2021100635 (22) 02.02.2021  
(54) IDENTIFICATION OF RISK OF DEGENERATIVE NEUROLOGICAL CONDITIONS VIA BLEPHAROMETRIC DATA COLLECTION  
(62) PCT/AU2019/051157

(71) SDIP Holdings Pty Ltd  
(21) 2021100641 (22) 02.02.2021  
(54) EXTENDED PERIOD BLEPHAROMETRIC MONITORING ACROSS MULTIPLE DATA COLLECTION PLATFORMS  
(62) PCT/AU2019/051157

(71) SDIP Holdings Pty Ltd  
(21) 2021100643 (22) 02.02.2021  
(54) AI-BASED TECHNOLOGY CONFIGURED TO ENABLE PHYSIOLOGICAL EVENT PREDICTION BASED ON BLEPHAROMETRIC DATA  
(62) PCT/AU2019/051159

Shandong Agriculture and Engineering University see Vegetables and Flowers Institute of Shandong Academy of Agricultural Science  
(21) 2021100487

(71) Shandong Bote Bearing Co., Ltd.  
(21) 2021100609 (22) 01.02.2021  
(54) BALL RETAINER AND ANGULAR CONTACT BALL BEARING

(71) Shandong Bote Bearing Co., Ltd.  
(21) 2021100610 (22) 01.02.2021  
(54) ROLLING BEARING

(71) Shandong Hengjing New Material Co., Ltd.  
(21) 2021100556 (22) 28.01.2021  
(54) High-purity alumina ceramic shaft and preparation method thereof  
(31) 202010790904.4 (32) 07.08.20 (33) CN

(71) Shandong Hengjing New Material Co., Ltd.  
(21) 2021100590 (22) 29.01.2021  
(54) Method for preparing high-purity aluminum nitride through auto-catalysis  
(31) 202010755978.4 (32) 31.07.20 (33) CN

(71) Shandong Provincial Center for Animal Disease Control and Prevention  
(21) 2021100506 (22) 27.01.2021  
(54) TRIPLE QUANTITATIVE FLUORESCENT PCR METHOD FOR DETECTING ESCHERICHIA COLI, KLEBSIELLA PNEUMONIAE, AND ACINETOBACTER

(71) Shanghai Institute of Technology  
(21) 2021100504 (22) 27.01.2021  
(54) CLEANING ROBOT CAPABLE OF CLEANING STAIRS  
(31) 202010435828.5 (32) 21.05.20 (33) CN

(71) Shanghai Jiao Tong University  
(21) 2021100573 (22) 29.01.2021  
(54) Method for Detecting Organic Volatile Compounds Using Zirconium-based Sensor

(71) Shanghai Ocean University  
(21) 2021100603 (22) 31.01.2021  
(54) A live bait feeding device

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**Shanxi Lvliang Lishi Jinhui Rongtai Coal Industry Co., Ltd. see XUZHOU UNIVERSITY OF TECHNOLOGY**  
(21) 2021100595

(71) Shaoguan University  
(21) 2021100539 (22) 28.01.2021  
(54) Terahertz biosensor, and preparation method and use thereof  
(31) 202010391973.8 (32) 11.05.20 (33) CN

**Shenzhen YunShi Technology Co.,Ltd see South China University of Technology**  
(21) 2021100480

(71) Shenzhen Thousandshores Technology Co., Ltd.  
(21) 2021100460 (22) 25.01.2021  
(54) SANDBAG  
(31) 202023022740.5 (32) 15.12.20 (33) CN

(71) Shenzhen Thousandshores Technology Co., Ltd.  
(21) 2021100461 (22) 25.01.2021  
(54) WEIGHT-BEARING SANDBAG  
(31) 202023022740.5 (32) 15.12.20 (33) CN

(71) Shihezi University  
(21) 2021100486 (22) 26.01.2021  
(54) A phage display FMD particle and its preparation method and vaccine

(71) Shihezi University  
(21) 2021100489 (22) 26.01.2021  
(54) Ultra-High Sensitive Assay Kit for Brucellosis

(71) Shihezi University  
(21) 2021100490 (22) 26.01.2021  
(54) Rainbow Test Strip for Typing Detection of Antibody Against Brucella Melitensis and Brucella Abortus

(71) Shihezi University  
(21) 2021100576 (22) 29.01.2021  
(54) MSTN nanobody and its construction method and application

(71) Shihezi University  
(21) 2021100586 (22) 29.01.2021  
(54) A PD-1 Nanobody and Its Preparation Method and Application

(71) Sichuan Agricultural University  
(21) 2021100508 (22) 27.01.2021  
(54) A duck plague virus UL41 gene markerless deletion strain CHv-BAC-G-ΔUL41 and a construction method thereof

(71) Sichuan Agricultural University  
(21) 2021100509 (22) 27.01.2021  
(54) Method for Tissue Culture of Salvia miltiorrhiza Bunge

(71) South China Sea Fisheries Research Institute, Chinese Academy of Fishery Science; Guangzhou Haiwei Aquatic Technology Co., Ltd.  
(21) 2021100599 (22) 31.01.2021  
(54) Method for Optimizing Solid-state Fermented Soybean Meal by Multi-index Comprehensive Weighted Analysis Method

(71) South China University of Technology; Shenzhen YunShi Technology Co.,Ltd; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation  
(21) 2021100480 (22) 25.01.2021  
(54) Natural Scene Text Recognition Method Based on Two-Dimensional Feature Attention Mechanism

**South China University of Technology-Zhuhai Institute of Modern Industrial Innovation see South China University of Technology**  
(21) 2021100480

(71) Southwest Medical University  
(21) 2021100481 (22) 25.01.2021  
(54) A Negative Pressure Puncture Device with Readable Pressure

(71) SPORT2CLEAN AUSTRALIA LIMITED  
(21) 2021100598 (22) 31.01.2021  
(54) 425mL single use recyclable Aluminium cup

(71) Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences; Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences  
(21) 2021100459 (22) 25.01.2021  
(54) Culture Method for Rapidly Obtaining Large Amount of Conidia of Sugarcane Pokkah Boeng Pathogen

(71) Sureguard Safety Australia Pty Ltd  
(21) 2021100396 (22) 22.01.2021  
(54) Safety helmet  
(62) PCT/AU2019/050785

**T. S. see V. M.**  
(21) 2021100570

(71) TAIYUAN UNIVERSITY OF SCIENCE AND TECHNOLOGY  
(21) 2021100564 (22) 29.01.2021

(54) TEST BELT CONVEYOR SIMULATION LOADING DEVICE

**Tatrari, G. see Sahoo, N.G.**  
(21) 2021100549

**Tewari, C. see Sahoo, N.G.**  
(21) 2021100549

**Tewari, C. see Pandey, S.**  
(21) 2021100550

(71) The Clear Co  
(21) 2021100406 (22) 22.01.2021  
(54) The Clear Co Ear Cleanser

(71) The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University  
(21) 2021100510 (22) 27.01.2021  
(54) A Liquid-solid Culture Device for Helicobacter Pylori  
(31) 202021668870.3 (32) 12.08.20 (33) CN

(71) The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University  
(21) 2021100512 (22) 27.01.2021  
(54) A Helicobacter Pylori B Cell Tolerance Epitope and Its Prepared Antibody  
(31) 202010806364.4 (32) 12.08.20 (33) CN

(71) Thejo Engineering Limited  
(21) 2021100555 (22) 28.01.2021  
(54) A FLEXIBLE IMPACT BED AND A CONVEYOR BELT SYSTEM THEREOF  
(31) 202041034963 (32) 13.08.20 (33) IN

**The People's Hospital of Guantao County, Hebei Province see Institute for Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences**  
(21) 2021100537

(71) The Second Medical Center Of Chinese PLA General Hospital; CapitalBio Technology Co., Ltd.  
(21) 2021100526 (22) 27.01.2021  
(54) Complete Set of SNP Primer for Intervention Effect Evaluation of Metabolic Abnormalities and Application Thereof

(71) The Third People's Hospital of Kunming  
(21) 2021100645 (22) 02.02.2021  
(54) IMPROVED DISPOSABLE THROAT SWAB  
(31) 202020364986.1 (32) 21.03.20 (33) CN

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(54) Textile Mill Waste Water and Solid Waste Converted into Biodiesel and Bio Composites and other Value Added Products
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- (71) Tongji Hospital of Tongji Medical College, Huazhong University of Science and Technology  
(21) 2021100601 (22) 31.01.2021  
(54) A Pharmaceutical Composition for Treating Cancer Constructed by PD-L1 Antibody and Nintedanib
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- (71) Tradestylus Pty Ltd  
(21) 2021100572 (22) 29.01.2021  
(54) Combinatorial GoalSeeker
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(21) 2021100570 (22) 29.01.2021  
(54) SMART AND EFFICIENT SOLAR CELLS EMBEDDED CCTV CAMERAS
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- (71) Vegetables and Flowers Institute of Shandong Academy of Agricultural Science; Shandong Agriculture and Engineering University  
(21) 2021100487 (22) 26.01.2021  
(54) A yield increase method of continuous cropping cucurbit crops by stimulating root growth
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- Vijayanand, S. see Balakrishna, R.**  
(21) 2021100646
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- VUDAYAGIRI, M. see G, S.S.K.**  
(21) 2021100531
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- (71) WANG, L.  
(21) 2021100568 (22) 29.01.2021  
(54) TRADITIONAL CHINESE HERBAL TOOTHPASTE FOR HAIR BLACKENING AND TOOTH REINFORCEMENT AND PREPARATION METHOD THEREOF
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- (71) WEIGHT-BEARING SANDBAG  
(21) 2021100458 (22) 25.01.2021  
(54) WEIGHT-BEARING SANDBAG  
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(21) 2021100402 (22) 22.01.2021  
(54) A light field image encryption method in the spatio-angular domain
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(21) 2021100405 (22) 22.01.2021  
(54) A novel image encryption method based on dynamic DNA encoding and compressed sensing
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- (71) World Wide Window Cleaning Supplies IP Pty Ltd  
(21) 2021100579 (22) 29.01.2021  
(54) COMPOSITE SUPPORT POLE  
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(21) 2021100543 (22) 28.01.2021  
(54) METHOD AND SYSTEM FOR PLANNING BARRIER-FREE PATH BASED ON SUBWAY AND BUS  
(31) 202011360303.6 (32) 27.11.20 (33) CN
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- (71) Wuxi JHT Homewares Co., Ltd.  
(21) 2021100497 (22) 26.01.2021  
(54) WINDOW BLIND  
(31) 202022769285.9 (32) 25.11.20 (33) CN
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- (71) Xiamen Water Nymph Sanitary Technology Co., Ltd.; ZHOU, H.  
(21) 2021100467 (22) 25.01.2021  
(54) Water Outlet Device  
(31) 202010646694.1 (32) 07.07.20 (33) CN
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(21) 2021100520 (22) 27.01.2021  
(54) BIOCHEMICAL COMBINED SEWAGE TREATMENT METHOD CAPABLE OF OBTAINING PHOSPHORUS-ENRICHED SLUDGE  
(31) 2021100814546 (32) 21.01.21 (33) CN
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(21) 2021100595 (22) 30.01.2021  
(54) METHOD OF SEALING GAS EXTRACTION DRILLED HOLE BY USING POLYURETHANE SAFELY  
(31) 202010524674.7 (32) 10.06.20 (33) CN
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(21) 2021100620 (22) 01.02.2021  
(54) LOGISTICS BOX TROLLEY WITH LIFTING FUNCTION  
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(21) 2021100621 (22) 01.02.2021  
(54) EFFICIENT LOGISTICS PART SORTING EQUIPMENT FOR LOGISTICS  
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(21) 2021100622 (22) 01.02.2021  
(54) COMPUTER MAINFRAME PLACING CABINET WITH HEAT-DISSIPATING FUNCTION  
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(21) 2021100623 (22) 01.02.2021  
(54) VIBRATING DUST REMOVAL DEVICE FOR COMPUTER MAINFRAME  
(31) 202120198950.5 (32) 25.01.21 (33) CN
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- (71) Yancheng Institute of Technology  
(21) 2021100507 (22) 27.01.2021  
(54) A multifunctional teaching aid
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- (71) Yang, C.  
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(21) 2021100477 (22) 25.01.2021  
(54) A Set of Primers for Screening of Aerobic Denitrifying Bacteria and Method Thereof
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- Y H, S.K. see M T, G.**  
(21) 2021100473
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- Yieldco.finance pty ltd see Cheavr pty ltd**  
(21) 2021100606
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- (71) Yinchuan Industrial Technology Research Institute; Ningxia University  
(21) 2021100464 (22) 25.01.2021  
(54) A preparation method of an anti-freezing and anti-drying agent for grapevines
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- (71) Yiwu ThousandShores E-Commerce Co., Ltd.  
(21) 2021100587 (22) 29.01.2021  
(54) CANDLE TIMING EXTINGUISHER AND AROMATHERAPY CANDLE DEVICE  
(31) 202022940098.2 (32) 10.11.20 (33) CN
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- Young, L. see Chu, L.**

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(71) Yu, J.; He, H.

(21) 2021100536 (22) 28.01.2021

(54) Method for simultaneously separating dihydromyricetin and myricetin from Snake grapes

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(71) Zhejiang University of Technology

(21) 2021100456 (22) 25.01.2021

(54) CROSS-ORDERED SILVER NANOWIRE FILM AND PATTERNING METHOD THEREOF

(31) 202010083076.0 (32) 07.02.20 (33) CN

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(71) Zhongnan Hospital of Wuhan University

(21) 2021100469 (22) 25.01.2021

(54) A Method for Studying the Mechanism of EIF5A2

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(71) Zhongnan Hospital of Wuhan University

(21) 2021100649 (22) 02.02.2021

(54) DEVICE FOR PUSHING UP AMNIOTIC SAC IN CERVICAL CERCLAGE

(31) 2020110109504 (32) 23.09.20 (33) CN

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(21) 2021100467



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<b>2021100396</b>	Sureguard Safety Australia Pty Ltd	<b>2021100514</b>	Chu, L.; Young, L.
<b>2021100398</b>	Ecolab USA Inc.	<b>2021100515</b>	QINGDAO AGRICULTURAL UNIVERSITY
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<b>2021100459</b>	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences; Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences	<b>2021100529</b>	Beyond Architectural Pty Ltd
<b>2021100460</b>	Shenzhen Thousandshores Technology Co., Ltd.	<b>2021100530</b>	Alashan Mongolian Hospital
<b>2021100461</b>	Shenzhen Thousandshores Technology Co., Ltd.	<b>2021100531</b>	G, S.S.K.; P, J.; VUDAYAGIRI, M.; PALEMPATI, D.P.; MADDERLA, S.; A, C.B.; KAMIREDDY, S.R.
<b>2021100462</b>	Nankai University	<b>2021100533</b>	Qingdao Agricultural University
<b>2021100463</b>	Huzhou Central Hospital	<b>2021100534</b>	Central South University
<b>2021100464</b>	Yinchuan Industrial Technology Research Institute; Ningxia University	<b>2021100535</b>	Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Center, Guangzhou)
<b>2021100465</b>	McNamara, P.	<b>2021100536</b>	Yu, J.; He, H.
<b>2021100466</b>	INSTITUTE OF COTTON RESEARCH OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES	<b>2021100537</b>	Institute for Cereal and Oil Crops, Hebei Academy of Agriculture and Forestry Sciences; The People's Hospital of Guantao County, Hebei Province
<b>2021100467</b>	Xiamen Water Nymph Sanitary Technology Co., Ltd.; ZHOU, H.	<b>2021100539</b>	Shaoguan University
<b>2021100468</b>	Schneider Electric (Australia) Pty Limited	<b>2021100541</b>	Batten, M.
<b>2021100469</b>	Zhongnan Hospital of Wuhan University	<b>2021100542</b>	Qingdao University of Technology
<b>2021100470</b>	Apple Inc.	<b>2021100543</b>	WUHAN UNIVERSITY
<b>2021100471</b>	Schneider Electric (Australia) Pty Limited	<b>2021100544</b>	Henan Sunshine Anticorrosive Painting Co., Ltd.
<b>2021100472</b>	Qingdao Agricultural University	<b>2021100545</b>	Jiangsu University
<b>2021100473</b>	M T, G.; K, C.; C, N.; Y H, S.K.; B N, A.; P, R.; B Gowda, V.	<b>2021100546</b>	ACUSENSUS IP PTY LTD
<b>2021100477</b>	Yellow Sea Fisheries Research Institute, CAFS	<b>2021100548</b>	INSTITUTE OF AGRICULTURAL RESOURCES AND REGIONAL PLANNING, CHINESE ACADEMY OF AGRICULTURAL SCIENCES
<b>2021100479</b>	Agarwal, A.; Negi, R.; Jaiswal, R.	<b>2021100549</b>	Sahoo, N.G.; Tatrari, G.; Pandey, S.; Tewari, C.; Karakoti, M.; Bohra, B.S.; Dhali, S.
<b>2021100480</b>	South China University of Technology; Shenzheng YunShi Technology Co.,Ltd; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation	<b>2021100550</b>	Pandey, S.; Karakoti, M.; Dhali, S.; Tewari, C.; Sahoo, N.G.
<b>2021100481</b>	Southwest Medical University	<b>2021100551</b>	North China Institute of Science and Technology; Henan Polytechnic University; China University of Mining & Technology,Beijing; Beijing Xinyue Intelligent Technology Co., Ltd.
<b>2021100482</b>	Jilin Agricultural University	<b>2021100552</b>	Pandey, S.; Karakoti, M.; Dhali, S.; Karki, N.; Sahoo, N.G.
<b>2021100485</b>	Liaoning Shihua University	<b>2021100554</b>	Alhakami, H.; Baz, A.; Al-Sharef, M.; Kumar, R.; Ahmad Khan, R.
<b>2021100486</b>	Shihezi University	<b>2021100555</b>	Thejo Engineering Limited
<b>2021100487</b>	Vegetables and Flowers Institute of Shandong Academy of Agricultural Science; Shandong Agriculture and Engineering University	<b>2021100556</b>	Shandong Hengjing New Material Co., Ltd.
<b>2021100488</b>	Linyi University	<b>2021100557</b>	INSTITUTE OF APPLIED ECOLOGY, CHINESE ACADEMY OF SCIENCES
<b>2021100489</b>	Shihezi University	<b>2021100558</b>	INSTITUTE OF APPLIED ECOLOGY, CHINESE ACADEMY OF SCIENCES
<b>2021100490</b>	Shihezi University	<b>2021100559</b>	Alhakami, H.; Baz, A.; Alhakami, W.; Agrawal, A.; Kumar, R.; Khan, R.A.
<b>2021100491</b>	Institute of Geology and Geophysics, Chinese Academy of Sciences	<b>2021100561</b>	Qingdao Agricultural University
<b>2021100492</b>	Guangdong Provincial People's Hospital	<b>2021100562</b>	Qingdao Agricultural University
<b>2021100493</b>	Qingdao Agricultural University	<b>2021100564</b>	TAIYUAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
<b>2021100494</b>	Qingdao Agricultural University	<b>2021100565</b>	LANZHOU PEPTIDE VALLEY RESEARCH INSTITUTE CO., LTD.
<b>2021100495</b>	Heilongjiang Bayi Agricultural University	<b>2021100566</b>	Jilin University
<b>2021100497</b>	Wuxi JHT Homewares Co., Ltd.	<b>2021100567</b>	Institute of Agricultural Engineering Technology, Fujian Academy of Agricultural Sciences
<b>2021100503</b>	East China Jiaotong University	<b>2021100568</b>	WANG, L.
<b>2021100504</b>	Shanghai Institute of Technology		
<b>2021100505</b>	Liu, J.; Nina, G.; Li, A.; Wang, L.; Feng, S.; Liu, X.; Chen, J.; Liu, S.		
<b>2021100506</b>	Shandong Provincial Center for Animal Disease Control and Prevention		
<b>2021100507</b>	Yancheng Institute of Technology		
<b>2021100508</b>	Sichuan Agricultural University		
<b>2021100509</b>	Sichuan Agricultural University		
<b>2021100510</b>	The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University		
<b>2021100511</b>	Apple Inc.		

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<b>2021100578</b>	Beijing Institute For Cancer Research	<b>2021100618</b>	Anhui University of Science and Technology
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<b>2021100586</b>	Shihezi University	<b>2021100625</b>	Tirth, V.; Baddruddin Magami, I.A.; Khan Tatagar, M.Y.; Algahtani, A.; Kamangar, S.; C Veetil, A.S.
<b>2021100587</b>	Yiwu ThousandShores E-Commerce Co., Ltd.	<b>2021100627</b>	Aussie Scope Stickers
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<b>2021100590</b>	Shandong Hengjing New Material Co., Ltd.	<b>2021100634</b>	Northwestern Polytechnical University
<b>2021100592</b>	Dayalbagh Educational Institute	<b>2021100635</b>	SDIP Holdings Pty Ltd
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<b>2021100603</b>	Shanghai Ocean University	<b>2021100644</b>	MIANYANG TEACHERS' COLLEGE
<b>2021100604</b>	Qingdao Agricultural University	<b>2021100645</b>	The Third People's Hospital of Kunming
<b>2021100605</b>	Attar, A.R.; Patil, S.A.; Utpat, S.R.; Naidu, M.J.	<b>2021100646</b>	Balakrishna, R.; Patil, S.; K S, R.; Manoj, S.; G, M.; B.S, P.; Parameshwaraiiah, D.; Prasad, S.; Neeli, J.; Cauvery, N.K.; Vijayanand, S.
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		<b>2021100648</b>	Majhi, S.K.; Mishra, K.; Dhal, S.K.; Kamila, N.K.; Brahma, B.; Nukala, M.; Pani, S.K.; Pradhan, R.
		<b>2021100649</b>	Zhongnan Hospital of Wuhan University
		<b>2021100650</b>	ASM TECHNOLOGY PTY LTD

Applications with amended filing dates Reg 3.5(A).

2020281104 **My ability care** The filing date has been amended to 11.02.2021

**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
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- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
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- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
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- 24 Application Lapsed Reg. 22.2E(2)
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- 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

**2001**

2001018297 ( 14 )	2001018306 ( 14 )	2001018307 ( 14 )
2001018313 ( 14 )	2001018314 ( 14 )	2001018335 ( 14 )
2001018336 ( 14 )	2001018340 ( 14 )	2001018341 ( 14 )
2001018375 ( 14 )	2001023026 ( 14 )	2001030247 ( 14 )
2001030249 ( 14 )	2001030702 ( 14 )	2001030703 ( 14 )
2001031418 ( 14 )	2001031462 ( 14 )	2001031708 ( 14 )
2001032027 ( 14 )	2001032532 ( 14 )	2001032533 ( 14 )
2001032558 ( 14 )	2001034274 ( 14 )	2001034275 ( 14 )
2001034832 ( 14 )	2001034839 ( 14 )	2001035008 ( 14 )
2001035446 ( 14 )	2001036662 ( 14 )	2001036736 ( 14 )
2001036834 ( 14 )	2001036876 ( 14 )	2001036877 ( 14 )
2001038083 ( 14 )	2001038184 ( 14 )	2001039748 ( 14 )
2001040462 ( 14 )	2001042366 ( 14 )	2001047964 ( 14 )
2001057670 ( 14 )	2001091369 ( 14 )	2001231289 ( 14 )
2001232000 ( 14 )	2001233316 ( 14 )	2001233738 ( 14 )
2001234199 ( 14 )	2001234953 ( 14 )	2001235632 ( 14 )
2001236645 ( 14 )	2001236686 ( 14 )	2001236798 ( 14 )
2001237823 ( 14 )	2001238024 ( 14 )	2001238038 ( 14 )
2001238056 ( 14 )	2001241453 ( 14 )	2001242728 ( 14 )

2001247953 ( 14 )	2001251683 ( 14 )	2001276711 ( 14 )
2001278567 ( 14 )	2001282979 ( 14 )	2001282985 ( 14 )
2001291157 ( 14 )		

**2002**

2002018809 ( 14 )	2002027522 ( 14 )	2002212121 ( 14 )
2002300355 ( 14 )	2002318564 ( 14 )	2002318930 ( 14 )
2002321271 ( 14 )	2002321274 ( 14 )	2002322153 ( 14 )
2002325068 ( 14 )	2002325688 ( 14 )	2002326495 ( 14 )
2002331371 ( 14 )	2002331532 ( 14 )	2002355732 ( 14 )
2002367048 ( 14 )		

**2003**

2003227286 ( 14 )	2003227295 ( 14 )	2003227336 ( 14 )
2003227352 ( 14 )	2003247143 ( 14 )	2003248954 ( 14 )
2003248982 ( 14 )	2003251169 ( 14 )	2003252286 ( 14 )
2003252706 ( 14 )	2003254241 ( 14 )	2003254766 ( 14 )
2003255060 ( 14 )	2003257941 ( 14 )	2003257952 ( 14 )
2003258893 ( 14 )	2003259235 ( 14 )	

**2004**

2004200583 ( 14 )	2004200588 ( 14 )	2004202000 ( 14 )
2004202001 ( 14 )	2004203442 ( 14 )	2004203449 ( 14 )
2004203466 ( 14 )	2004203487 ( 14 )	2004203528 ( 14 )
2004259768 ( 14 )	2004261207 ( 14 )	2004261617 ( 14 )
2004261832 ( 14 )	2004261837 ( 14 )	2004262338 ( 14 )
2004262501 ( 14 )	2004263907 ( 14 )	2004279181 ( 14 )
2004279189 ( 14 )	2004279203 ( 14 )	2004287141 ( 14 )
2004288919 ( 14 )	2004289174 ( 14 )	2004301549 ( 14 )

**2005**

2005200668 ( 14 )	2005203267 ( 14 )	2005203730 ( 14 )
2005266803 ( 14 )	2005266812 ( 14 )	2005267921 ( 14 )
2005268304 ( 14 )	2005269483 ( 14 )	2005269527 ( 14 )
2005274143 ( 14 )	2005332058 ( 14 )	2005334836 ( 14 )
2005335054 ( 14 )		

**2006**

2006200017 ( 14 )	2006202352 ( 14 )	2006203201 ( 14 )
2006203202 ( 14 )	2006203206 ( 14 )	2006203208 ( 14 )
2006203216 ( 14 )	2006203249 ( 14 )	2006203252 ( 14 )
2006203273 ( 14 )	2006203277 ( 14 )	2006203282 ( 14 )
2006203294 ( 14 )	2006203570 ( 14 )	2006261652 ( 14 )
2006272571 ( 14 )	2006274924 ( 14 )	2006275443 ( 14 )
2006275566 ( 14 )	2006275569 ( 14 )	2006275587 ( 14 )
2006275714 ( 14 )	2006275748 ( 14 )	2006275808 ( 14 )
2006278534 ( 14 )	2006278678 ( 14 )	2006278718 ( 14 )
2006280624 ( 14 )	2006281287 ( 14 )	2006281717 ( 14 )
2006292006 ( 14 )	2006293539 ( 14 )	2006297688 ( 14 )
2006297766 ( 14 )	2006347214 ( 14 )	

**2007**

2007202382 ( 14 )	2007203547 ( 14 )	2007203585 ( 14 )
2007203601 ( 14 )	2007237277 ( 14 )	2007242342 ( 14 )
2007278959 ( 14 )	2007279674 ( 14 )	2007279996 ( 14 )
2007280137 ( 14 )	2007280407 ( 14 )	2007280514 ( 14 )
2007280515 ( 14 )	2007281031 ( 14 )	2007281514 ( 14 )
2007282065 ( 14 )	2007284164 ( 14 )	2007284243 ( 14 )
2007284244 ( 14 )	2007285583 ( 14 )	2007289892 ( 14 )
2007294073 ( 14 )	2007298649 ( 14 )	2007304380 ( 14 )
2007343062 ( 14 )	2007343063 ( 14 )	2007357036 ( 14 )

**2008**

2008202282 ( 14 )	2008203368 ( 14 )	2008203430 ( 14 )
2008203468 ( 14 )	2008281344 ( 14 )	2008282150 ( 14 )
2008284063 ( 14 )	2008284097 ( 14 )	2008284100 ( 14 )
2008284101 ( 14 )	2008284484 ( 14 )	2008287170 ( 14 )
2008287177 ( 14 )	2008290430 ( 14 )	2008311236 ( 14 )
2008324399 ( 14 )	2008360018 ( 14 )	2008362506 ( 14 )

**2009**

2009203036 ( 14 )	2009203065 ( 14 )	2009203084 ( 14 )
2009212900 ( 14 )	2009212924 ( 14 )	2009227918 ( 14 )

2009245833 ( 14 )	2009273804 ( 14 )	2009275790 ( 14 )	2014297959 ( 14 )	2014298051 ( 14 )	2014298331 ( 4C )
2009275967 ( 14 )	2009276354 ( 14 )	2009276559 ( 14 )	2014298464 ( 14 )	2014298583 ( 14 )	2014298585 ( 14 )
2009276631 ( 14 )	2009276780 ( 14 )	2009276792 ( 14 )	2014308005 ( 14 )	2014308091 ( 14 )	2014309335 ( 14 )
2009277956 ( 14 )	2009279950 ( 14 )	2009283245 ( 14 )	2014311701 ( 14 )	2014321713 ( 14 )	2014328696 ( 14 )
2009350491 ( 14 )	2009350495 ( 14 )		2014344184 ( 14 )	2014344185 ( 14 )	2014368202 ( 14 )
			2014371809 ( 14 )	2014395122 ( 14 )	2014401785 ( 14 )
			2014402282 ( 4C )	2014402304 ( 14 )	2014402325 ( 14 )
			2014402367 ( 14 )	2014402486 ( 14 )	2014402532 ( 14 )
			2014402546 ( 14 )		
<b>2010</b>			<b>2015</b>		
2010200646 ( 14 )	2010204470 ( 14 )	2010204475 ( 14 )	2015201879 ( 14 )	2015205962 ( 14 )	2015205964 ( 4C )
2010206009 ( 14 )	2010206028 ( 14 )	2010206054 ( 14 )	2015207846 ( 4C )	2015207859 ( 14 )	2015207869 ( 4C )
2010206057 ( 14 )	2010206083 ( 14 )	2010206087 ( 14 )	2015207872 ( 4D )	2015207899 ( 14 )	2015207949 ( 14 )
2010219381 ( 14 )	2010275377 ( 14 )	2010276503 ( 14 )	2015224428 ( 5C )	2015224532 ( 14 )	2015246079 ( 5C )
2010276525 ( 14 )	2010276527 ( 14 )	2010277166 ( 14 )	2015263573 ( 5C )	2015266958 ( 5C )	2015270827 ( 5C )
2010277421 ( 14 )	2010277629 ( 14 )	2010277675 ( 14 )	2015273070 ( 5C )	2015277516 ( 5C )	2015284044 ( 5C )
2010277679 ( 14 )	2010277931 ( 14 )	2010278044 ( 14 )	2015292258 ( 5C )	2015294830 ( 4C )	2015295090 ( 4C )
2010278275 ( 14 )	2010278318 ( 14 )	2010278319 ( 14 )	2015295346 ( 4C )	2015295492 ( 14 )	2015296000 ( 4C )
2010278320 ( 14 )	2010278677 ( 14 )	2010278903 ( 14 )	2015296146 ( 14 )	2015296238 ( 4C )	2015296538 ( 14 )
2010279004 ( 14 )	2010279668 ( 14 )	2010279674 ( 14 )	2015296548 ( 14 )	2015296567 ( 14 )	2015296573 ( 14 )
2010280512 ( 14 )	2010281008 ( 14 )	2010281009 ( 14 )	2015296579 ( 4C )	2015296609 ( 4C )	2015297112 ( 14 )
2010281369 ( 14 )	2010281377 ( 14 )	2010281408 ( 14 )	2015297373 ( 4C )	2015297394 ( 4C )	2015298362 ( 25D )
2010281449 ( 14 )	2010282811 ( 14 )	2010282820 ( 14 )	2015298631 ( 14 )	2015299587 ( 14 )	2015299588 ( 14 )
2010282895 ( 14 )	2010283810 ( 14 )	2010290666 ( 14 )	2015302948 ( 14 )	2015303853 ( 14 )	2015308794 ( 5C )
2010318657 ( 14 )	2010356747 ( 14 )	2010358309 ( 14 )	2015320000 ( 14 )	2015328646 ( 14 )	2015330010 ( 5C )
			2015336936 ( 25D )	2015339242 ( 5C )	2015387477 ( 4C )
			2015403347 ( 4C )	2015403482 ( 4C )	2015403488 ( 4C )
			2015403494 ( 4C )	2015403755 ( 14 )	2015404010 ( 14 )
			2015404400 ( 4C )		
<b>2011</b>			<b>2016</b>		
2011202839 ( 14 )	2011205056 ( 14 )	2011242131 ( 14 )	2016101315 ( 22E )	2016101346 ( 22E )	2016200753 ( 14 )
2011242133 ( 14 )	2011282567 ( 14 )	2011282685 ( 14 )	2016203560 ( 14 )	2016204144 ( 14 )	2016205004 ( 14 )
2011282705 ( 14 )	2011282761 ( 14 )	2011282769 ( 14 )	2016206319 ( 5C )	2016206346 ( 14 )	2016208286 ( 4A )
2011282779 ( 14 )	2011282786 ( 14 )	2011282790 ( 14 )	2016208303 ( 4A )	2016208336 ( 4C )	2016208373 ( 4B )
2011282921 ( 14 )	2011282922 ( 14 )	2011284512 ( 14 )	2016208375 ( 4C )	2016208428 ( 4C )	2016208430 ( 4B )
2011284736 ( 14 )	2011285217 ( 14 )	2011285890 ( 14 )	2016208442 ( 4B )	2016208444 ( 4B )	2016208445 ( 5C )
2011286211 ( 14 )	2011287193 ( 14 )	2011287419 ( 14 )	2016217596 ( 5C )	2016219466 ( 5C )	2016221369 ( 5C )
2011289781 ( 14 )	2011295333 ( 14 )	2011338128 ( 14 )	2016225194 ( 5C )	2016228257 ( 14 )	2016228918 ( 25D )
2011366195 ( 14 )	2011374206 ( 14 )	2011374333 ( 14 )	2016231529 ( 1B )	2016246402 ( 5C )	2016254498 ( 25D )
			2016254818 ( 5C )	2016256775 ( 14 )	2016270467 ( 5C )
			2016292667 ( 5C )	2016298092 ( 4C )	2016298130 ( 14 )
			2016298280 ( 4C )	2016298324 ( 4C )	2016299402 ( 4C )
			2016300222 ( 4C )	2016301052 ( 4C )	2016301098 ( 4C )
			2016301118 ( 4C )	2016301150 ( 14 )	2016301159 ( 14 )
			2016301725 ( 4C )	2016302539 ( 4C )	2016302769 ( 4C )
			2016303370 ( 4C )	2016303614 ( 5C )	2016303657 ( 14 )
			2016303940 ( 4C )	2016307050 ( 4C )	2016307138 ( 4C )
			2016308473 ( 5C )	2016310380 ( 4B )	2016321728 ( 25D )
			2016324166 ( 1B )	2016324217 ( 5C )	2016325569 ( 4B )
			2016325592 ( 14 )	2016328506 ( 14 )	2016333144 ( 4C )
			2016416000 ( 4A )	2016416139 ( 4B )	2016417809 ( 4A )
<b>2012</b>			<b>2017</b>		
2012201107 ( 14 )	2012201223 ( 14 )	2012203406 ( 14 )	2017100066 ( 22G )	2017100542 ( 22G )	2017101014 ( 22G )
2012208972 ( 14 )	2012208992 ( 14 )	2012209007 ( 14 )	2017101016 ( 22E )	2017101020 ( 22E )	2017101590 ( 22G )
2012209015 ( 14 )	2012209016 ( 14 )	2012209024 ( 14 )	2017201228 ( 1B )	2017201299 ( 1B )	2017201312 ( 1B )
2012211376 ( 14 )	2012216346 ( 14 )	2012286648 ( 14 )	2017203774 ( 1B )	2017203869 ( 1B )	2017204735 ( 14 )
2012286730 ( 14 )	2012286867 ( 14 )	2012289763 ( 14 )	2017204810 ( 14 )	2017222025 ( 1B )	2017222397 ( 1B )
2012290053 ( 14 )	2012290165 ( 14 )	2012290180 ( 14 )	2017222567 ( 1B )	2017222692 ( 1B )	2017222712 ( 1B )
2012290249 ( 14 )	2012290307 ( 14 )	2012290314 ( 14 )	2017222975 ( 1B )	2017223234 ( 1B )	2017223268 ( 1B )
2012290796 ( 14 )	2012292609 ( 14 )	2012295457 ( 14 )	2017223297 ( 1B )	2017223347 ( 1B )	2017223707 ( 1B )
2012296706 ( 14 )	2012301481 ( 14 )	2012302215 ( 14 )	2017223718 ( 1B )	2017223730 ( 1B )	2017223836 ( 1B )
2012385936 ( 14 )	2012386004 ( 14 )	2012386010 ( 14 )	2017223842 ( 1B )	2017223964 ( 1B )	2017224224 ( 1B )
2012386620 ( 14 )	2012386621 ( 14 )		2017224249 ( 1B )	2017224372 ( 1B )	2017228251 ( 1B )
			2017248710 ( 1B )	2017249944 ( 1B )	2017258897 ( 1B )
			2017261240 ( 12D )	2017276179 ( 1B )	2017294677 ( 1B )
			2017296153 ( 1B )	2017296252 ( 1B )	2017297294 ( 1B )
			2017310269 ( 5C )	2017322412 ( 5C )	2017326097 ( 5C )
			2017339467 ( 5C )	2017348218 ( 25D )	2017348460 ( 1B )
			2017348603 ( 1B )	2017349300 ( 1B )	2017349493 ( 5C )
<b>2013</b>					
2013100113 ( 22 )	2013100116 ( 22 )	2013100119 ( 22 )			
2013100136 ( 22 )	2013100137 ( 22 )	2013100149 ( 22 )			
2013101036 ( 22E )	2013101037 ( 22E )	2013101779 ( 22 )			
2013209383 ( 14 )	2013211484 ( 14 )	2013211490 ( 14 )			
2013211565 ( 14 )	2013224758 ( 14 )	2013245514 ( 14 )			
2013257532 ( 14 )	2013295512 ( 14 )	2013295573 ( 14 )			
2013296357 ( 14 )	2013296420 ( 14 )	2013296430 ( 14 )			
2013296509 ( 14 )	2013296610 ( 14 )	2013296612 ( 14 )			
2013296627 ( 14 )	2013296718 ( 14 )	2013296743 ( 14 )			
2013296744 ( 14 )	2013296746 ( 14 )	2013296818 ( 14 )			
2013297228 ( 14 )	2013297267 ( 14 )	2013298632 ( 14 )			
2013298680 ( 14 )	2013298688 ( 14 )	2013302293 ( 14 )			
2013307634 ( 14 )	2013312019 ( 14 )	2013394917 ( 14 )			
2013395536 ( 14 )	2013395635 ( 14 )	2013395641 ( 14 )			
2013395656 ( 14 )	2013395689 ( 14 )	2013395720 ( 14 )			
2013395722 ( 14 )	2013395870 ( 14 )				
<b>2014</b>					
2014100892 ( 22G )	2014200024 ( 14 )	2014200665 ( 14 )			
2014201025 ( 14 )	2014206228 ( 14 )	2014208209 ( 14 )			
2014208267 ( 14 )	2014208268 ( 4C )	2014208276 ( 4C )			
2014221269 ( 14 )	2014253506 ( 14 )	2014253512 ( 14 )			
2014295901 ( 14 )	2014296253 ( 4C )	2014296268 ( 14 )			
2014296417 ( 14 )	2014296446 ( 14 )	2014296448 ( 14 )			

2017351050 ( 1B )    2017351516 ( 1B )    2017353358 ( 1B )  
 2017355432 ( 5C )    2017357411 ( 5C )    2017359569 ( 1B )  
 2017370696 ( 1B )    2017371750 ( 5C )    2017372589 ( 1B )  
 2017373394 ( 1B )    2017374032 ( 1B )    2017376620 ( 1B )  
 2017378221 ( 5C )    2017379813 ( 1B )    2017384022 ( 5C )  
 2017408843 ( 5C )

**2018**

2018101020 ( 22E )    2018101035 ( 22E )    2018101036 ( 22E )  
 2018101042 ( 22E )    2018101044 ( 22E )    2018101045 ( 22E )  
 2018101046 ( 22E )    2018101052 ( 22E )    2018101055 ( 22E )  
 2018101063 ( 22E )    2018101064 ( 22G )    2018101641 ( 22E )  
 2018102160 ( 22E )    2018200317 ( 14 )    2018201031 ( 14 )  
 2018201420 ( 4C )    2018207336 ( 5C )    2018229513 ( 5C )  
 2018236156 ( 5C )    2018244425 ( 5C )    2018247270 ( 4C )  
 2018250431 ( 4C )    2018253536 ( 4C )    2018253560 ( 5C )  
 2018253652 ( 5C )    2018267536 ( 4C )    2018271295 ( 5C )  
 2018274917 ( 4C )    2018367884 ( 25D )

**2019**

2019100199 ( 22E )    2019101257 ( 21F )    2019200086 ( 5C )  
 2019200130 ( 5C )    2019200223 ( 5C )    2019200238 ( 5C )  
 2019200568 ( 5C )    2019200584 ( 5C )    2019200680 ( 5C )  
 2019200686 ( 5C )    2019200707 ( 5C )    2019200917 ( 4C )  
 2019201030 ( 5C )    2019201067 ( 5C )    2019201415 ( 5C )  
 2019202176 ( 4C )    2019202614 ( 5C )    2019202633 ( 5C )  
 2019203121 ( 5C )    2019203182 ( 5C )    2019203429 ( 5C )  
 2019203568 ( 4C )    2019204601 ( 5C )    2019206011 ( 4C )  
 2019208176 ( 4C )    2019210660 ( 4C )    2019219755 ( 4C )  
 2019236680 ( 4C )    2019246778 ( 4C )    2019246826 ( 4C )  
 2019275526 ( 4C )    2019443860 ( 12A )

**2020**

2020100925 ( 21F )    2020103520 ( 18AN )    2020103594 ( 18AN )  
 2020201384 ( 4C )    2020267223 ( 1B )    2020270452 ( 1B )  
 2020270469 ( 1B )    2020901359 ( 12AN )    2020903935 ( 12AN )  
 2020903936 ( 12AN )

**2021**

2021100428 ( 12AN )

**Assignments before Grant, Section 113**

**2015**

2015301632 Abaxis, Inc. The application has been assigned to **Zoetis Services LLC**

2015413308 Crossford International, LLC The application has been assigned to **DIVERSITECH CORPORATION**

**2016**

2016219470 SynPloid Biotek, LLC The application has been assigned to **CarryGenes Bioengineering**

2016301375 Abaxis, Inc. The application has been assigned to **Zoetis Services LLC**

2016347044 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2016347048 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2016351634 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

**Assignments before Grant, Section 113**

2016396042 Emerging Viral Therapeutics (HK) Limited The application has been assigned to **VERSITECH LIMITED**

2016412932 Qifeng, Mo; Troendle, John The application has been assigned to **Sunrise SPC Technology, LLC**

2016412933 Qifeng, Mo; Troendle, John B. The application has been assigned to **Sunrise SPC Technology, LLC**

**2017**

2017235870 Delta Instruments B.V. The application has been assigned to **PerkinElmer Health Sciences B.V.**

2017249321 SynPloid Biotek, LLC The application has been assigned to **CarryGenes Bioengineering**

2017250178 SynPloid Biotek, LLC The application has been assigned to **CarryGenes Bioengineering**

2017250265 SynPloid Biotek, LLC The application has been assigned to **CarryGenes Bioengineering**

2017266433 Algodriven Limited The application has been assigned to **AlgoDriven Limited**

2017286524 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2017289187 Abaxis, Inc. The application has been assigned to **Zoetis Services LLC**

2017298399 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2017314765 Collins, Dennis Martin The application has been assigned to **PVC Separation Holdings Pty Ltd**

2017362950 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2017362951 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2017366583 DuPont Industrial Biosciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2017376773 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2017377068 SynPloid Biotek, LLC The application has been assigned to **CarryGenes Bioengineering**

**2018**

2018200760 Straightcurve Pty Ltd The application has been assigned to **Sandpit Situation Pty Ltd**

2018201354 Great Miles Inc Limited The application has been assigned to **Hui, Martin**

**Assignments before Grant, Section 113**

2018203052 Krings, Marcel The application has been assigned to **7424401 Manitoba Ltd., dba Bushel Plus**

2018204793 Abaxis, Inc. The application has been assigned to **Zoetis Services LLC**

2018209012 Carsgen Therapeutics Co., Ltd. The application has been assigned to **CAFA Therapeutics Limited**

2018212009 Abaxis, Inc. The application has been assigned to **Zoetis Services LLC**

2018212543 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2018221110 Carsgen Therapeutics Co., Ltd. The application has been assigned to **CAFA Therapeutics Limited**

2018254610 Abaxis, Inc. The application has been assigned to **Zoetis Services LLC**

2018314605 General Electric Company The application has been assigned to **Global Life Sciences Solutions Operations UK Ltd**

2018314980 Medshine Discovery Inc.; Chia Tai Tianqing Pharmaceutical Group Co., Ltd. The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**

2018324496 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2018329559 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2018330033 SynPloid Biotek, LLC The application has been assigned to **CarryGenes Bioengineering**

2018332491 Medicinal Bioconvergence Research Center The application has been assigned to **BioconTAC Co., Ltd**

2018365877 DuPont Industrial Biosciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

**2019**

2019216602 Dupont Industrial BioSciences USA, LLC The application has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2019228348 Container Centralen A/S; K. Hartwall Oy Ab The application has been assigned to **CC European Retail A/S; K. Hartwall Oy Ab**

2019240611 Coherent Biopharma The application has been assigned to **Coherent Biopharma I, Limited**

2019245623 HBM2 Ltd The application has been assigned to **Fa-Tech Diagnostics Italia s.r.l.**

2019247453 Aquinox Pharmaceuticals (Canada) Inc. The application has been assigned to **Taro Pharmaceuticals Inc.**

**Assignments before Grant, Section 113**

2019247496 Aquinox Pharmaceuticals (Canada) Inc. The application has been assigned to **Taro Pharmaceuticals Inc.**

2019247513 Aquinox Pharmaceuticals (Canada) Inc. The application has been assigned to **Taro Pharmaceuticals Inc.**

2019257442 Northrop Grumman Innovation Systems, Inc. The application has been assigned to **NORTHROP GRUMMAN INNOVATION SYSTEMS LLC**

2019257442 NORTHROP GRUMMAN INNOVATION SYSTEMS LLC The application has been assigned to **Northrop Grumman Systems Corporation**

2019269393 LiftLab, Inc. The application has been assigned to **Arena Innovation Corp.**

2019286386 Fitoussi, Serge; Gensight Biologics SA; Katz, Barrett The application has been assigned to **Gensight Biologics SA**

2019297453 Daiichi Sankyo Company, Limited; Sanford Burnham Prebys Medical Discovery Institute The application has been assigned to **Sanford Burnham Prebys Medical Discovery Institute**

**2020**

2020901778 Hall, Ernest Beresford Peter; Guthrie, David Robert The application has been assigned to **Recoil Oil Recovery Pty Ltd**

2020903482 Thomson Aviation Pty Ltd The application has been assigned to **Griffith Air Partners Pty Ltd**

2020904333 Advanced Sharpening Technologies Pty Ltd The application has been assigned to **BBJDF Australia Pty Ltd.**

**2021**

2021200493 Parkview Green Dairy Group Limited The application has been assigned to **PACIFIC PROCESS LIMITED**

**Extensions of Time, Section 223**

**Applications Received**

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

**2002**

2002224246 **Hi-Tech Engineering Limited** An application to extend the time from 23 Nov 2019 to 23 Sep 2020 in which to pay the renewal fee has been filed . Address for service - Dentons Patent Attorneys Australasia Limited Level 26 PWC Tower 188 Quay Street Auckland 1010 NZ

**2003**

2003238758 **Wetox Limited** An application to extend the time from 24 Jun 2020 to 24 Feb 2021 in which to pay the renewal fee has been filed . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

**Extensions of Time, Section 223**

**2013**

2013203019 **Watson, B.** An application to extend the time from 08 Apr 2020 to 08 Nov 2020 in which to pay a renewal fee has been filed . Address for service - Australian Logo Pty Ltd PO Box 7500 Lismore Heights NSW 2480 AU

**2014**

2014203695 **Parkway Process Technologies Pty Ltd** An application to extend the time from 06 Jul 2020 to 06 Feb 2021 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2015**

2015382274 **Vianini S.p.A.** An application to extend the time from 10 Feb 2020 to 10 Jan 2021 in which to request examination has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016260785 **Monopar Therapeutics Inc.** An application to extend the time from 10 May 2020 to 10 Dec 2020 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2018**

2018100567 **MEDA Pharma GmbH & Co. KG** An application to extend the time from 01 May 2020 to 01 Jan 2021 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018100708 **Ruf, M.** An application to extend the time from 25 May 2020 to 25 Feb 2021 in which to pay the renewal fee has been filed . Address for service - Marcia Madeline Ruf 119 Chifley Road Corney Town NSW 2790 AU

**2019**

2019204129 **Nemaska Lithium Inc.** An application to extend the time from 30 May 2020 to 30 Dec 2020 in which to pay the continuation fee has been filed . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

**2020**

2020201457 **Unigen, Inc.; Unigen, Inc.** An application to extend the time from 16 Jun 2020 to 16 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

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

**2002**

2002217082 **Novartis AG** The time in which to request an Extension of Term - Pharmaceutical has been extended to 21 Feb 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2007**

2007264946 **Novartis AG** The time in which to request an Extension of Term - Pharmaceutical has been extended to 21 Feb 2021 . Address

**Extensions of Time, Section 223**

for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2013**

2013200779 **DSM IP Assets B.V.** The time in which to respond to a re-examination report has been extended to 09 Mar 2021 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013223662 **Tata Consultancy Services Limited** The time in which to pay the renewal fee has been extended to 11 Sep 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2014**

2014256440 **Al-Shukri, S.M.M.; Al Hanbali, O.** The time in which to pay the renewal fee has been extended to 03 Sep 2020 . Address for service - Othman Abdul Rahim Radi Al Hanbali 715/7 Washington Ave Riverwood NSW 2196 AU

**2015**

2015200551 **Barbeques Galore (Aust) Pty Limited** The time in which to gain acceptance has been extended to 11 May 2021 . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

2015229626 **SaNOtize Research and Development Corp.** The time in which to gain acceptance has been extended to 07 May 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015252101 **Illinois Tool Works Inc.** The time in which to gain acceptance has been extended to 21 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

**2016**

2016200303 **Roomtmove Pty Ltd; Austral Plywoods Pty Ltd** The time in which to gain acceptance has been extended to 25 May 2021 . Address for service - Lord & Company PO Box 530 West Perth WA 6872 AU

2016278880 **SwissLogo AG** The time in which to gain acceptance has been extended to 04 Aug 2021 . Address for service - Chrysiliou IP Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2016310429 **Carmine Giunti de Oliveira, L.; Orlandi Giunti Oliveira, E.** The time in which to gain acceptance has been extended to 14 May 2021 . Address for service - HopgoodGanim Level 8 Waterfront Place 1 Eagle Street BRISBANE QLD 4000 AU

**2017**

2017228251 **Powercan Holding, LLC** The time in which to request examination has been extended to 08 May 2021 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2017276754 **Vorwerk & Co. Interholding GmbH** The time in which to gain acceptance has been extended to 13 May 2021 . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2017307058 **DownUnder GeoSolutions Pty Ltd** The time in which to gain acceptance has been extended to 06 May 2021 . Address for service - AUSTRALASIA IP PTY LTD PO Box 7345 Brighton ACT 3186 AU

**Extensions of Time, Section 223**

2017343745 **Downunder Geosolutions Pty Ltd.** The time in which to gain acceptance has been extended to 04 May 2021 . Address for service - AUSTRALASIA IP PTY LTD PO Box 7345 Brighton ACT 3186 AU

2017370838 **RSP Systems A/S** The time in which to request examination has been extended to 22 May 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Suite 2, Level 3A 1 Bligh Street Sydney NSW 2000 AU

2017395645 **Essity Hygiene and Health Aktiebolag** The time in which to gain acceptance has been extended to 26 Mar 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2018**

2018100117 **ECODRIVE SOLUTIONS LIMITED** The time in which to pay the renewal fee has been extended to 26 Aug 2020 . Address for service - ECODRIVE SOLUTIONS LIMITED PO Box 172 North Beach WA 6920 AU

2018229426 **Oasis Diagnostics Corporation** The time in which to gain acceptance has been extended to 13 Mar 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018232963 **ULTRADENT PRODUCTS, INC.** The time in which to pay the renewal fee has been extended to 07 Oct 2020 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2019**

2019200174 **HIREMATH, R.** The time in which to gain acceptance has been extended to 07 May 2021 . Address for service - Baxter Patent Attorneys Pty Ltd Se 2, L 3A 1 Bligh St Sydney NSW 2000 AU

2019201084 **Brien Holden Vision Institute Limited** The time in which to gain acceptance has been extended to 24 May 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

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

2019202033 **Innovapark, LLC** The time in which to gain acceptance has been extended to 28 May 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019274562 **BENTHIC USA LLC** The time in which to enter the national phase has been extended to 24 Jan 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2019308597 **IB Operations Pty Ltd** The time in which to gain acceptance has been extended to 18 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019312558 **IB Operations Pty Ltd** The time in which to gain acceptance has been extended to 20 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

**Extensions of Time, Section 223**

**2021**

2021200434 **Equifax, Inc.** The time in which to make a further application for a divisional patent has been extended to 01 Feb 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**Amendments**

**Applications for Amendment**

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

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

**2013**

2013359262 CRISPR-Cas component systems, methods and compositions for sequence manipulation **President and Fellows of Harvard College ; The Rockefeller University ; Massachusetts Institute of Technology ; The Broad Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2021 . Address for service - FPA Patent Attorneys Pty Ltd 101 Collins St Melbourne VIC 3000 AU

**2015**

2015344999 Whey protein-based, high protein, yoghurt-like product, ingredient suitable for its production, and method of production **Arla Foods amba** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

**2016**

2016280717 Heterocyclic inhibitors of ERK1 and ERK2 and their use in the treatment of cancer **Asana BioSciences, LLC** The nature of the amendment is as shown in the statement(s) filed 02 Feb 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016336817 High avidity HPV T-cell receptors **Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft** The nature of the amendment is as shown in the statement(s) filed 08 Jan 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016369371 Methods for the preparation of 1,3-benzodioxole heterocyclic compounds **LEO Pharma A/S** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2016384921 Crystalline form of BTK kinase inhibitor and preparation method thereof **Jiangsu Hengrui Medicine Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 12 Jan 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

2016432029 Configuration of beamforming settings for a wireless radio transceiver device **Telefonaktiebolaget LM Ericsson (publ)** The nature of the amendment is as shown in the statement(s) filed 14



**Amendments**

Jan 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2018**

2018101855 Activity and workout updates **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018278999 Stunner **Jarvis Products Corporation** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2020 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018348334 Achieving consensus among network nodes in a distributed system **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

**2019**

2019204063 Blockchain-based merchandise tracing methods and apparatus **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Feb 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2019204921 Chimeric Antigen Receptor (CAR) with Antigen Binding Domains to the T Cell Receptor Beta Constant Region. **Autolus Limited** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2021 . Address for service - Pairman IP PO Box 33252 Christchurch 8244 NZ

2019242547 Systems and methods for performing endoscopic procedures **Boston Scientific Scimed, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jan 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made****2011**

2011242575 **Cytokinetics, Inc.** The nature of the amendment is as shown in the statements filed 07 Oct 2020 and 29 Oct 2020

**2014**

2014342806 **Baker Hughes, a GE company, LLC** The nature of the amendment is as shown in the statement filed 15 Oct 2020

**2016**

2016212009 **Spinal Elements, Inc.** The nature of the amendment is as shown in the statement filed 12 Nov 2020

2016220049 **Buck Institute for Research on Aging** The nature of the amendment is as shown in the statement filed 08 Nov 2020

2016222796 **Prilena Neurotherapeutics Ltd.; The Board of Regents of The University of Texas System** The nature of the amendment is: Amend the invention title to read Use of pridopidine to improve cognitive function and for treating Alzheimer's disease

**Amendments**

2016265876 **Motion Metrics International Corp** The nature of the amendment is as shown in the statements filed 19 Oct 2020 and 20 Nov 2020

**2017**

2017203228 **Niesingh, M.R.** The nature of the amendment is: Application is to proceed under the number 2017101897

2017228761 **Bond, B.J.** The nature of the amendment is: Application is to proceed under the number 2017101898

2017331380 **Merck Sharp & Dohme Corp.; Merck Sharp & Dohme B.V.** The nature of the amendment is as shown in the statement filed 09 Nov 2020

**2018**

2018279782 **Apple Inc.** The nature of the amendment is as shown in the statement filed 04 Nov 2020

2018313441 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Outdoor unit for refrigeration apparatus

2018317472 **AbbVie Inc.; Neurocrine Biosciences, Inc.** The nature of the amendment is: Amend the name of the inventor to read JAYANTH, Jayanth; SPENCE, Kevin C.; MCCLELLAND, Gregory A.; STEPANENKO, Anna V.; CHWALISZ, Kristof; OWENS, Charlotte D.; THOMAS, James W.; CASTELLI-HALEY, Jane; GORDON, Keith; SNABES, Michael C.; SOLIMAN, Ahmed M.; ZHANG, Geoff; METZGER, David; LI, Yanxia; JU, Tzuchi R.; SHAO, Xi; FLORES, Oscar Antunez; JAIN, Rita; NG, wing-Keung Juki; NORTH, Janine D.; PALAC, Hannah and PELOSO, Paul M.

2018317473 **AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read QIU, Yihong; GONG, Yuchuan; RUGGLES, Alexander; BAIRD, Jared A.; CHWALISZ, Kristof; OWENS, Charlotte D.; THOMAS, James W.; CASTELLI-HALEY, Jane; GORDON, Keith; SNABES, Michael C.; SOLIMAN, Ahmed M.; FLORES, Oscar Antunez; JAIN, Rita; NG, Juki Wing-Keung; NORTH, Janine D.; PALAC, Hannah; PELOSO, Paul M.; ZU, Hui and HU, Yuerong

2018372199 **Reed, L.** The nature of the amendment is as shown in the statement filed 02 Feb 2021

2018393315 **Nanjing Umab-Biopharma Co., Ltd.** The nature of the amendment is as shown in the statement filed 21 Jan 2021

2018421568 **China University of Mining and Technology; Xuzhou Boan Science & Technology Development Co., Ltd** The nature of the amendment is: Amend the invention title to read UNDERGROUND DEEP HOLE LOOSENING BLASTING AND WATER INJECTION INTERGRATED HOLE SEALING DEVICE

**2019**

2019200803 **Translate Bio, Inc.** The nature of the amendment is: Amend the invention title to read METHODS AND COMPOSITIONS FOR DELIVERING mRNA CODED ANTIBODIES

2019201701 **Apple Inc.** The nature of the amendment is as shown in the statement filed 09 Nov 2020

**Amendments**

2019226292 **Linux Technology Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101781

2019257190 **The Johns Hopkins University** The nature of the amendment is: Amend the name of the inventor to read BISHAI, William R.; BIVALACQUA, Trinity J.; SINGH, Alok; PRAHARAJ, Monali and YOSHIDA, Takahiro

2019265545 **Uber Technologies, Inc.** The nature of the amendment is: Amend the name of the inventor to read VILLA, Ian; PREVOT, Thomas; BADALAMENTI, John Conway and MOORE, Mark

2019291849 **Bissell Inc.** The nature of the amendment is as shown in the statement filed 20 Jan 2021

2019297409 **Helmholtz-Zentrum für Infektionsforschung GmbH** The nature of the amendment is: Amend the name of the inventor to read AHMED, Ahmed S. A.; EMPTING, Martin; HAMED, Mostafa; HARTMANN, Rolf W.; HAUPENTHAL, Jörg; HESTERKAMP, Thomas; KAMAL, Ahmed A. M.; MAURER, Christine K.; RÖHRIG, Teresa; SCHÜTZ, Christian; YAHIAOUI, Samir and ZENDER, Michael

2019302611 **Sichuan Haisco Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read Composition of Fused Tricyclic gamma-Amino Acid Derivatives and the Preparation Thereof

2019313484 **Cellix Bio Private Limited** The nature of the amendment is as shown in the statement filed 25 Jan 2021

2019317229 **Eutilex Co.,Ltd** The nature of the amendment is: Amend the invention title to read Chimeric Antigen Receptor that Binds HLA-DR, and CAR-T Cell

2019319458 **Haier Smart Home Co., Ltd.** The nature of the amendment is: Amend the invention title to read Adjustable refrigerator drawer assembly

2019365566 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement filed 11 Nov 2020

2019453386 **Metabolic Technologies, Inc.** The nature of the amendment is: Amend the priority details to read 62/689,305 25 Jun 2018 US

**2020**

2020103515 **Kumar Saini, D.; Saini, H.; Rathee, G.; Jindal, H.; Goyal, M.** The nature of the amendment is: Amend the name of the inventor to read Kumar Saini, Dinesh; Saini, Hemraj; Rathee, Geetanjali; Jindal, Himanshu and Goyal, Mukta

**2021**

2021100366 **Techtronic Cordless GP** The nature of the amendment is: Amend the invention title to read STACKABLE STORAGE SYSTEM

2021200641 **Starlogik IP LLC** The nature of the amendment is: Amend the invention title to read System and Method for Verifying Telephone Numbers

**Alteration of Name(s) of Applicant(s)/Patentee(s)****Amendments****2004**

2004211485 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

2004211492 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

2004217797 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

**2006**

2006346782 Norgren, Inc. The name of the patentee has been altered to **Norgren LLC**

**2008**

2008257194 Cedardell Limited The name of the patentee has been altered to **Cennox Lockpoint Limited**

**2009**

2009208282 Nantong CIMC Special Transportation Equipment Manufacture Co., Ltd.; China International Marine Containers (Group) Co., Ltd.; Nantong CIMC Tank Equipment Co., Ltd. The name of the patentee has been altered to **Nantong CIMC Special Transportation Equipment Manufacture Co., Ltd.; China International Marine Containers (Group) Co., Ltd.; CIMC Safeway Technologies Co., Ltd.**

2009243396 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

**2010**

2010220623 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

**2011**

2011250245 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

**2012**

2012327503 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

**2014**

2014201954 Cedardell Limited The name of the patentee has been altered to **Cennox Lockpoint Limited**

2014234683 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

2014314609 Mertik Maxitrol GmbH & Co. KG The name of the patentee has been altered to **Maxitrol GmbH & Co. KG**

**2015**

2015201820 Just Water International Limited The name of the patentee has been altered to **JUST LIFE GROUP LIMITED**

**Amendments**

2015302719 Kotobuki Tsushou Co., Ltd.; Shinshu University The name of the patentee has been altered to **Shinshu University; Kotobuki Holdings Co., Ltd.**

2015303597 InventisBio Shanghai Ltd. The name of the patentee has been altered to **InventisBio Co., Ltd**

2015309833 Shinshu University; Kotobuki Tsushou Co., Ltd. The name of the patentee has been altered to **Kotobuki Holdings Co., Ltd.; Shinshu University**

2015356243 Shinshu University; Kotobuki Tsushou Co., Ltd. The name of the patentee has been altered to **Shinshu University; Kotobuki Holdings Co., Ltd.**

2015379642 UCB Biopharma SPRL ; Biogen MA Inc. The name of the applicant has been altered to **UCB Biopharma SRL; Biogen MA Inc.**

**2016**

2016232705 Arvinas, Inc.; Yale University; Michael Berlin; Kurt Zimmerman; Lawrence Snyder The name of the applicant has been altered to **Arvinas, Inc.; Yale University**

2016233990 Statoil Petroleum AS The name of the applicant has been altered to **Equinor Energy AS**

2016348413 Latchable, Inc. The name of the applicant has been altered to **Latch, Inc.**

**2017**

2017275301 Shinshu University; Kotobuki Tsushou Co., Ltd. The name of the patentee has been altered to **Kotobuki Holdings Co., Ltd.; Shinshu University**

2017295819 Covestro LLC, et al ; Bayer CropScience LP The name of the applicant has been altered to **Covestro LLC; Bayer CropScience LP**

2017324945 Latchable, Inc. The name of the applicant has been altered to **Latch, Inc.**

2017411195 Hunan Zonsen Peplib Biotech Co., Ltd The name of the applicant has been altered to **Hunan Zonsen Peplib Biotech Co., Ltd**

**2018**

2018246355 iTeos Therapeutics The name of the applicant has been altered to **iTeos Belgium SA**

2018251815 Shoulder Innovations, LLC The name of the applicant has been altered to **Shoulder Innovations, Inc.**

2018294140 Kotobuki Tsushou Co., Ltd.; Shinshu University The name of the applicant has been altered to **Kotobuki Holdings Co., Ltd.; Shinshu University**

2018354433 TopiRX Therapeutics Inc. The name of the applicant has been altered to **XYON Health Inc.**

**Amendments****2019**

2019100682 Eyesafe, LLC The name of the patentee has been altered to **Eyesafe Inc.**

2019200606 ATI Properties, Inc. The name of the patentee has been altered to **ATI Properties LLC**

2019216581 Scandinavian Micro Biodevices ApS The name of the applicant has been altered to **Zoetis Denmark ApS**

2019241202 InventisBio Shanghai Ltd. The name of the applicant has been altered to **InventisBio Co., Ltd.**

**2020**

2020102047 Shang Hai Applicable Technology University The name of the patentee has been altered to **Shanghai Lianhao Food Limited Company; Shanghai Institute of Technology**

2020103515 Kumar Saini, Dinesh; Saini, Hemraj; Rathee, Geetanjali; Jindal, Himasnshu; Goyal, Mukta The name of the patentee has been altered to **Kumar Saini, D.; Saini, H.; Rathee, G.; Jindal, H.; Goyal, M.**

2020903775 Hall, Craig Phillip The name of the applicant has been altered to **Lye, A.C.; Hall, C.P.**

**2021**

2021100032 Xiamen Water Nymph Sanitary Technology Co., Ltd The name of the applicant has been altered to **ZHOU, H.; Xiamen Water Nymph Sanitary Technology Co., Ltd**

2021900125 Biddington, Jon William; Jones, Francis The name of the applicant has been altered to **Biddington, J.W.; Jones, F.G.**

Applications Open to Public Inspection

Name Index

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

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(71) 8 Rivers Capital, LLC  
 (11) AU-A-2021200548  
 (21) 2021200548 (22) 29.01.2021  
 (54) Control systems and methods suitable for use with power production systems and methods  
 (51) Int. Cl.  
*F02C 9/00* ( 2006.01 )  
*F02C 9/24* ( 2006.01 )  
*F02C 9/26* ( 2006.01 )  
*F02C 9/28* ( 2006.01 )  
 (43) 25.02.2021  
 (62) 2019203032  
 (72) FETVEDT, Jeremy Eron; ALLAM, Rodney John  
 (74) Spruson & Ferguson

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(71) ABB Schweiz AG  
 (11) AU-A-2020213278  
 (21) 2020213278 (22) 03.08.2020  
 (54) Device and method for controlling an interface for a power utility  
 (51) Int. Cl.  
*G01R 31/392* ( 2019.01 )  
*G01R 31/396* ( 2019.01 )  
 (31) 19190884.7 (32) 08.08.19 (33) EP  
 (43) 25.02.2021  
 (72) POLAND, Jan; CHARTOUNI, Daniel; OUDALOV, Alexandre; OTTEWILL, James; PJETRI, Erald  
 (74) FB Rice Pty Ltd

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(71) Ablynx NV  
 (11) AU-A-2021200035  
 (21) 2021200035 (22) 05.01.2021  
 (54) Stable formulations of immunoglobulin single variable domains and uses thereof  
 (51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 47/12* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61P 7/02* ( 2006.01 )  
*A61P 7/04* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*C07K 16/36* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (43) 25.02.2021  
 (62) 2019201307  
 (72) Meyvis, Yves; De Brabandere, Veronique; Ulrichs, Hans; Brige, Ann; Callewaert, Filip  
 (74) Shelston IP Pty Ltd.

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(71) Acceleron Pharma Inc.  
 (11) AU-A-2021200492  
 (21) 2021200492 (22) 27.01.2021

(54) TGF-beta superfamily type I and type II receptor heteromultimers and uses thereof  
 (51) Int. Cl.  
*C07K 14/71* ( 2006.01 )  
*A61K 38/18* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 19/00* ( 2006.01 )  
*A61P 21/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
 (43) 25.02.2021  
 (62) 2016244750  
 (72) Kumar, Ravindra; Grinberg, Asya; Sako, Dianne S.; Pearsall, Robert Scott; Castonguay, Roselyne  
 (74) Shelston IP Pty Ltd.

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2021200299  
 (21) 2021200299 (22) 19.01.2021  
 (54) INFORMATION PLATFORM FOR A VIRTUAL ASSISTANT  
 (51) Int. Cl.  
*G06F 17/00* ( 2019.01 )  
 (43) 25.02.2021  
 (62) 2019219756  
 (72) VIRA, Ashok; IYER, Raghavan; AGARWAL, Sangita; SRIKANTH, N.R.; MURUGAPPAN, Chellappan; KOMMARAJU, Swetha; NARAYANAN, Sankara C.  
 (74) Murray Trento & Associates Pty Ltd

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(71) Advanced New Technologies Co., Ltd.  
 (11) AU-A-2021200420  
 (21) 2021200420 (22) 22.01.2021  
 (54) Method and apparatus for processing transaction requests  
 (51) Int. Cl.  
*G06Q 20/38* ( 2012.01 )  
 (43) 25.02.2021  
 (62) 2018243625  
 (72) LI, Ning  
 (74) Cotters Patent & Trade Mark Attorneys

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(71) Advance International Inc.  
 (11) AU-A-2021200547  
 (21) 2021200547 (22) 28.01.2021  
 (54) IMPROVED METHODS AND SYSTEMS FOR RECOVERING PROTEIN POWDER AND NATURAL OMEGA-3 OIL FROM ANIMAL TISSUE  
 (51) Int. Cl.  
*A23J 1/04* ( 2006.01 )  
*A23J 3/00* ( 2006.01 )  
*B02C 18/00* ( 2006.01 )

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(43) 25.02.2021  
 (62) 2016270467  
 (72) Ghorbani, Shahmard Maziar; Coltun, Kerry  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Allergan, Inc.  
 (11) AU-A-2020294323  
 (21) 2020294323 (22) 24.12.2020  
 (54) Method for improving duration of effect of dermal filler treatment  
 (51) Int. Cl.  
*A61K 8/73* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/728* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
*A61Q 19/08* ( 2006.01 )  
*A61M 5/178* ( 2006.01 )  
 (43) 25.02.2021  
 (62) 2015338889  
 (72) Murphy, Diane K.; Paradkar-Mitragotri, Deepali  
 (74) Davies Collison Cave Pty Ltd

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(71) Allergan Industrie, SAS  
 (11) AU-A-2021200516  
 (21) 2021200516 (22) 28.01.2021  
 (54) Dermal filler compositions for fine line treatment  
 (51) Int. Cl.  
*A61K 8/73* ( 2006.01 )  
*A61K 8/67* ( 2006.01 )  
*A61L 27/20* ( 2006.01 )  
*A61L 27/50* ( 2006.01 )  
*A61Q 19/08* ( 2006.01 )  
*C08B 37/08* ( 2006.01 )  
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 (51) Int. Cl.  
*A61M 5/145* ( 2006.01 )  
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*A61M 5/162* ( 2006.01 )  
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 (11) AU-A-2021200015  
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 (54) GAME MANAGEMENT SYSTEM  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 A63F 1/00 ( 2006.01 )
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 (72) Shigeta, Yasushi  
 (74) Davies Collison Cave Pty Ltd
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- (71) Angel Playing Cards Co., Ltd.  
 (11) AU-A-2021200045  
 (21) 2021200045 (22) 06.01.2021  
 (54) System and method for managing packages of shuffled playing cards  
 (51) Int. Cl.  
 A63F 1/06 ( 2006.01 )  
 G07F 17/32 ( 2006.01 )
- (43) 25.02.2021  
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 (72) SHIGETA, Yasushi  
 (74) FB Rice Pty Ltd
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- (71) Apple Inc.  
 (11) AU-A-2021200102  
 (21) 2021200102 (22) 08.01.2021  
 (54) Device, method, and graphical user interface for managing folders  
 (51) Int. Cl.  
 G06F 3/0481 ( 2013.01 )  
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 (72) CHAUDHRI, Imran; VAN OS, Marcel  
 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.  
 H04N 19/13 ( 2014.01 )
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 (72) LIN, Ken Kengkuan; OSLICK, Mitchell H.  
 (74) FPA Patent Attorneys Pty Ltd
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 H04L 29/06 ( 2006.01 )
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- (71) Aqua Group Limited  
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 (54) AQUA EXERCISE EQUIPMENT  
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 (74) James & Wells Intellectual Property
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 (21) 2021200467 (22) 25.01.2021  
 (54) Gathering research data  
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 (51) Int. Cl.  
 C07D 417/06 ( 2006.01 )  
 A61K 31/4178 ( 2006.01 )  
 A61K 31/4245 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 209/12 ( 2006.01 )  
 C07D 401/06 ( 2006.01 )  
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 (54) MULTIPLAYER GAME SERVER FOR WAGERING GAME TOURNAMENT ADMINISTRATION  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )
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 (74) Griffith Hack
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 (21) 2020213327 (22) 05.08.2020  
 (54) GAMING MACHINES AND METHOD FOR MULTIPLAYER GAME MACHINE DISPLAY  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )
- (31) 16/532,177 (32) 05.08.19 (33) US  
 (43) 25.02.2021  
 (72) MARKS, Daniel  
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2021200457  
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 (54) A METHOD OF PLAYER TRACKING  
 (51) Int. Cl.  
 G06Q 50/00 ( 2012.01 )
- (43) 25.02.2021  
 (62) 2018282394  
 (72) BOESEN, John Leslie  
 (74) Griffith Hack
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- (71) B. Braun Medical Inc.  
 (11) AU-A-2021200544  
 (21) 2021200544 (22) 28.01.2021  
 (54) Compounding device, system, kit, software, and method  
 (51) Int. Cl.  
 A61J 3/00 ( 2006.01 )
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Ball Corporation  
**(11)** AU-A-2021200442  
**(21)** 2021200442 **(22)** 22.01.2021  
**(54)** TAPERED METAL CUP AND METHOD OF FORMING THE SAME  
**(51)** Int. Cl.  
*B21D 22/28* ( 2006.01 )  
*B21D 22/20* ( 2006.01 )  
*B21D 22/24* ( 2006.01 )  
*B21D 24/00* ( 2006.01 )  
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**(74)** Madderns Pty Ltd

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**(54)** Security Display Devices, Their Production And Use  
**(51)** Int. Cl.  
*B42D 25/29* ( 2014.01 )  
*B42D 25/30* ( 2014.01 )  
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*B81B 1/00* ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Baxter, K.  
**(11)** AU-A-2021200466  
**(21)** 2021200466 **(22)** 25.01.2021  
**(54)** Oil filter adapter  
**(51)** Int. Cl.  
*F01M 11/03* ( 2006.01 )  
*B01D 35/30* ( 2006.01 )  
*B01D 36/02* ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2016250414  
**(72)** BAXTER, Kevin  
**(74)** Spruson & Ferguson

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2021200055  
**(21)** 2021200055 **(22)** 06.01.2021  
**(54)** Safety intravenous catheter with friction-based retention and disabling feature  
**(51)** Int. Cl.  
*A61M 25/06* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )

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**(72)** ISAACSON, Ray S.; SHEVGOOR, Siddarth; O'BRYAN, Jeff; MA, Yiping  
**(74)** FB Rice Pty Ltd

**(71)** BIOM'UP France SAS  
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**(21)** 2021200468 **(22)** 25.01.2021  
**(54)** HEMOSTATIC COMPOSITIONS  
**(51)** Int. Cl.  
*A61K 38/36* ( 2006.01 )  
*A61K 38/39* ( 2006.01 )  
*A61P 7/04* ( 2006.01 )  
**(43)** 25.02.2021  
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**(72)** GAGNIEU, Christian; FOREST, Patricia; PICOT, Sylvain  
**(74)** Griffith Hack

**(71)** Bionime Corporation; Bionime USA Corporation  
**(11)** AU-A-2020294300  
**(21)** 2020294300 **(22)** 03.08.2020  
**(54)** Physiological signal monitoring system for fast assembly  
**(51)** Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/145* ( 2006.01 )  
**(31)** 62/882,140 **(32)** 02.08.19 **(33)** US  
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**(43)** 25.02.2021  
**(72)** HUANG, Chun-Mu; CHEN, Chieh-Hsing  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

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**(71)** BISSELL Inc.  
**(11)** AU-A-2020210191  
**(21)** 2020210191 **(22)** 28.07.2020  
**(54)** Vacuum cleaner accessory tool  
**(51)** Int. Cl.  
*A47L 9/02* ( 2006.01 )  
**(31)** 62/882,779 **(32)** 05.08.19 **(33)** US  
**(43)** 25.02.2021  
**(72)** PRUIETT, Jason W.  
**(74)** Griffith Hack

**(71)** Blackhawk Network, Inc.  
**(11)** AU-A-2021200523  
**(21)** 2021200523 **(22)** 28.01.2021  
**(54)** Systems and methods for dynamically detecting and preventing consumer fraud  
**(51)** Int. Cl.  
*G06Q 30/06* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )

**(43)** 25.02.2021  
**(62)** 2015284044  
**(72)** IVEY, Henry; APPANA, Rajiv Venkataramana; RAMSEY, Patrick; YEH, Theodore  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bucam Pty Ltd  
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**(54)** A SPOIL CONTROL METHOD AND APPARATUS FOR EARTH WORKING AUGERS  
**(51)** Int. Cl.  
*E21B 10/44* ( 2006.01 )  
*E21B 17/22* ( 2006.01 )  
**(31)** 2019902827 **(32)** 07.08.19 **(33)** AU  
**(43)** 25.02.2021  
**(72)** Connell, Justin Gerard; Triffit, Kerry  
**(74)** Michael Buck IP

**(71)** Burcon Nutrascience (MB) Corp.  
**(11)** AU-A-2021200549  
**(21)** 2021200549 **(22)** 29.01.2021  
**(54)** PREPARATION OF PULSE PROTEIN PRODUCTS ("YP810")  
**(51)** Int. Cl.  
*A23J 1/14* ( 2006.01 )  
*A23J 3/14* ( 2006.01 )  
*A23J 3/16* ( 2006.01 )  
*A23L 11/00* ( 2021.01 )  
*A23L 33/17* ( 2016.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Caisson Interventional, LLC  
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**(21)** 2021200528 **(22)** 28.01.2021  
**(54)** SYSTEMS AND METHODS FOR HEART VALVE THERAPY  
**(51)** Int. Cl.  
*A61F 2/24* ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2016308017  
**(72)** Mortier, Todd J.; Ganesan, Kavitha; Forsberg, Andrew T.; Schweich Jr., Cyril J.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Canon Kabushiki Kaisha  
**(11)** AU-A-2021200529  
**(21)** 2021200529 **(22)** 28.01.2021  
**(54)** Toner cartridge, toner suppling mechanism and shutter  
**(51)** Int. Cl.  
*G03G 15/08* ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2019200837  
**(72)** KASHIIDE, Yosuke; KIMURA, Takashi  
**(74)** Spruson & Ferguson

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 (11) AU-A-2021200543  
 (21) 2021200543 (22) 28.01.2021  
 (54) Drum unit, cartridge and coupling member  
 (51) Int. Cl.  
     G03G 15/00 ( 2006.01 )  
     G03G 15/08 ( 2006.01 )  
     G03G 21/16 ( 2006.01 )  
     G03G 21/18 ( 2006.01 )  
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 (72) UESUGI, Tetsuo; HAYASHIDA, Makoto; YAMAGUCHI, Koji; YANO, Takashi  
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 (54) Neonatal carbon dioxide measurement system  
 (51) Int. Cl.  
     A61B 5/08 ( 2006.01 )  
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 (72) WONDKA, Anthony D.; BHATNAGAR, Anish; DE LA SERNA, Pedro E.  
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(71) Capral Limited  
 (11) AU-A-2021200425  
 (21) 2021200425 (22) 22.01.2021  
 (54) Frame Assembly for Retaining a Screen  
 (51) Int. Cl.  
     E06B 9/01 ( 2006.01 )  
     E06B 3/16 ( 2006.01 )  
     E06B 3/58 ( 2006.01 )  
     E06B 5/11 ( 2006.01 )  
     E06B 9/02 ( 2006.01 )  
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 (62) 2018282314  
 (72) ROTIN, JEFFREY FREDERICK; FARINA, ENRICO; FARINA, ANTONIO  
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 (11) AU-A-2020207844  
 (21) 2020207844 (22) 23.07.2020  
 (54) MULTI-VARIATOR HYDROSTATIC TRANSMISSION  
 (51) Int. Cl.  
     F16H 61/433 ( 2010.01 )  
     F16H 37/08 ( 2006.01 )  
     F16H 47/04 ( 2006.01 )  
 (31) 16/534,926 (32) 07.08.19 (33) US  
 (43) 25.02.2021  
 (72) DVORAK, Sr., Paul A.; STORER, Corwin E.; LOVE, Kraig M.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) CFPH, LLC  
 (11) AU-A-2021200358  
 (21) 2021200358 (22) 20.01.2021  
 (54) Game broker  
 (51) Int. Cl.  
     G06Q 50/34 ( 2012.01 )  
     G07F 17/32 ( 2006.01 )  
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 (51) Int. Cl.  
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 (74) Madderns Pty Ltd

(71) China University of Mining and Technology, Beijing  
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 (21) 2020202743 (22) 24.04.2020  
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 (51) Int. Cl.  
     E21F 15/00 ( 2006.01 )  
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(71) ClearStream Technologies Limited  
 (11) AU-A-2021200515  
 (21) 2021200515 (22) 28.01.2021  
 (54) Catheter structures for reducing fluoroscopy usage during endovascular procedures  
 (51) Int. Cl.  
     A61M 25/01 ( 2006.01 )  
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     A61M 25/00 ( 2006.01 )  
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 (74) Griffith Hack

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 (54) Novel gold-based nanocrystals  
 (51) Int. Cl.  
     A01N 55/02 ( 2006.01 )  
     A61K 31/28 ( 2006.01 )  
     C30B 1/00 ( 2006.01 )  
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(71) CleverNet Inc.  
 (11) AU-A-2021200475  
 (21) 2021200475 (22) 26.01.2021  
 (54) Intelligent adaptive transport layer to enhance performance using multiple channels  
 (51) Int. Cl.  
     H04L 29/02 ( 2006.01 )  
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 (62) 2017286803  
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 (74) In-Legal Limited

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 (54) A LIFTING CABINET  
 (51) Int. Cl.  
     A47B 51/00 ( 2006.01 )  
     A47B 67/04 ( 2006.01 )  
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 (72) QIU, Jia Sen  
 (74) Houlihan<sup>2</sup> Pty Ltd

(71) Cmech (Guangzhou) Ltd.  
 (11) AU-A-2019275534  
 (21) 2019275534 (22) 02.12.2019  
 (54) STEEL CABLE STEERING DEVICE, STEEL CABLE STEERING SYSTEM AND LIFTING CABINET  
 (51) Int. Cl.  
     A47B 51/00 ( 2006.01 )  
     A47B 67/04 ( 2006.01 )  
 (31) 201910718438.6 (32) 05.08.19 (33) CN  
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(74) Houlihan<sup>2</sup> Pty Ltd

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(11) AU-A-2020281109  
(21) 2020281109 (22) 08.08.2020  
(54) Pet food dispenser  
(51) Int. Cl.  
A01K 5/01 ( 2006.01 )  
(31) 2019902851 (32) 09.08.19 (33) AU  
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(43) 25.02.2021  
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IANNELLA, Paul; RIEMELMOSER,  
John; IMBROGNO, Frank  
(74) Arceo IP

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(71) CommScope Technologies LLC  
(11) AU-A-2021200449  
(21) 2021200449 (22) 22.01.2021  
(54) Enclosure for cable distribution as-  
sembly  
(51) Int. Cl.  
H01R 25/00 ( 2006.01 )  
G02B 6/36 ( 2006.01 )  
H01R 13/46 ( 2006.01 )  
(43) 25.02.2021  
(62) 2016233370  
(72) Wang, Chi-ming  
(74) Davies Collison Cave Pty Ltd

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(71) Concave Global Pty Ltd  
(11) AU-A-2021200540  
(21) 2021200540 (22) 28.01.2021  
(54) Adaptable footwear for playing football  
(51) Int. Cl.  
A43B 5/02 ( 2006.01 )  
A43B 3/24 ( 2006.01 )  
A43B 5/18 ( 2006.01 )  
A43B 19/00 ( 2006.01 )  
A43B 23/26 ( 2006.01 )  
(43) 25.02.2021  
(62) 2016228955  
(72) Steidle, Volker Peter  
(74) FPA Patent Attorneys Pty Ltd

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(71) Contract Resources Pty Ltd  
(11) AU-A-2021200504  
(21) 2021200504 (22) 28.01.2021  
(54) Apparatus, System and Method for use  
within a Tank  
(51) Int. Cl.  
B08B 9/08 ( 2006.01 )  
B08B 5/04 ( 2006.01 )  
B08B 13/00 ( 2006.01 )  
B25J 9/02 ( 2006.01 )  
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B32B 27/32 ( 2006.01 )  
E04B 1/62 ( 2006.01 )  
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A47G 21/18 ( 2006.01 )  
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B67D 1/12 ( 2006.01 )  
A47K 5/12 ( 2006.01 )  
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data  
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H04N 19/14 ( 2014.01 )  
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Barry; SMITH, Cameron Kenneth;  
MALLETT, Joseph Robert Wayne;  
SCHNEIDER, Anthony Todd; FLATT,  
Robert; KAYE, Hagen  
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(54) Audio Upmixer Operable in Prediction  
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(51) Int. Cl.  
G10L 19/008 ( 2013.01 )  
G10L 19/00 ( 2006.01 )  
G10L 19/002 ( 2013.01 )  
G10L 19/02 ( 2013.01 )  
G10L 19/022 ( 2013.01 )  
G10L 19/03 ( 2013.01 )  
G10L 19/06 ( 2013.01 )  
G10L 19/16 ( 2013.01 )  
G10L 19/18 ( 2013.01 )  
H04S 3/00 ( 2006.01 )  
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G10L 21/02 ( 2013.01 )  
G10L 21/0388 ( 2013.01 )  
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G10L 21/038 ( 2013.01 )  
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*A62B 1/08* (2006.01)  
*B66D 5/18* (2006.01)  
*F16D 59/00* (2006.01)  
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*C07K 16/00* (2006.01)  
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*G06N 10/00* (2019.01)  
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*H01L 27/18* (2006.01)  
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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B64F 1/22 (2006.01)  
B64F 1/20 (2006.01)  
E04H 6/44 (2006.01)  
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F41G 1/473 (2006.01)  
F41G 3/08 (2006.01)  
G01C 3/02 (2006.01)  
G01S 17/10 (2020.01)  
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(74) A.P.T. Patent and Trade Mark Attorneys

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G03B 17/56 (2006.01)  
H04N 7/18 (2006.01)  
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A47G 19/22 (2006.01)  
A45F 3/16 (2006.01)  
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H02J 9/04 (2006.01)  
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C07D 471/04 (2006.01)  
A61K 31/437 (2006.01)  
A61P 9/10 (2006.01)  
A61P 11/06 (2006.01)  
A61P 25/24 (2006.01)  
A61P 25/28 (2006.01)  
A61P 31/00 (2006.01)  
A61P 33/00 (2006.01)  
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E21D 20/00 (2006.01)  
E21D 21/00 (2006.01)  
E21D 21/02 (2006.01)  
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(74) A.P.T. Patent and Trade Mark Attorneys

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G06K 9/00 (2006.01)  
B66B 5/00 (2006.01)  
B66B 5/02 (2006.01)  
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(74) Griffith Hack

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A61K 45/06 (2006.01)  
A61K 9/48 (2006.01)  
A61K 31/381 (2006.01)  
A61K 31/4015 (2006.01)  
A61K 31/437 (2006.01)  
A61K 31/4545 (2006.01)  
A61K 31/496 (2006.01)  
A61K 31/506 (2006.01)  
A61P 25/00 (2006.01)  
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**A61P 25/28** ( 2006.01 )  
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(54) Ophthalmic composition  
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(51) Int. Cl.  
**C12N 5/02** ( 2006.01 )  
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**H04B 10/112** ( 2013.01 )  
**H04B 10/118** ( 2013.01 )  
**H04L 12/24** ( 2006.01 )  
**H04L 12/26** ( 2006.01 )  
**H04W 24/02** ( 2009.01 )  
**H04W 40/20** ( 2009.01 )  
**H04W 8/22** ( 2009.01 )
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**G06Q 30/02** ( 2012.01 )  
**G06F 16/29** ( 2019.01 )  
**G06Q 50/10** ( 2012.01 )  
**H04M 1/26** ( 2006.01 )  
**H04W 4/02** ( 2018.01 )  
**H04W 4/029** ( 2018.01 )  
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(72) Lorincz, Miklos; Lorincz, Mitchell Dwight  
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**E05D 15/50** ( 2006.01 )  
**B60J 1/00** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Treating lymphomas  
 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (74) FPA Patent Attorneys Pty Ltd

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     **B01D 35/00** ( 2006.01 )  
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 (21) 2021200486 (22) 27.01.2021  
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 (51) Int. Cl.  
     **C12N 15/85** ( 2006.01 )  
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**A61M 1/34** ( 2006.01 )  
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 (54) Superconducting bi-directional current driver  
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**H01L 27/20** ( 2006.01 )  
**G06N 99/00** ( 2019.01 )  
**G11C 11/44** ( 2006.01 )  
**H03K 3/38** ( 2006.01 )  
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**F16L 13/02** ( 2006.01 )  
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 (51) Int. Cl.  
**G10L 19/005** ( 2013.01 )  
**G10L 19/00** ( 2006.01 )  
**G10L 19/09** ( 2013.01 )  
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 (54) METHOD OF FABRICATING CONCENTRIC-TUBE CATALYTIC REACTOR ASSEMBLY  
 (51) Int. Cl.  
**B01J 8/02** ( 2006.01 )  
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 (54) SYSTEMS AND METHODS FOR THE TARGETED PRODUCTION OF A THERAPEUTIC PROTEIN WITHIN A TARGET CELL  
 (51) Int. Cl.  
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**A61K 48/00** ( 2006.01 )  
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(54) Melflufen dosage regimens for cancer  
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(71) Opex Corporation  
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 (54) Method and apparatus for storing or retrieving items  
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 (72) DEWITT, Robert R.  
 (74) AJ PARK

(71) Orange Maker LLC  
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 (54) 3D printing using spiral buildup  
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**B29C 67/00** ( 2017.01 )  
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 (72) Dudley, Kurt  
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(71) Parkview Green Dairy Group Limited  
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 (21) 2021200493 (22) 27.01.2021  
 (54) System and method for processing milk  
 (51) Int. Cl.  
**A23C 3/027** ( 2006.01 )  
**A23C 3/05** ( 2006.01 )  
**A23L 2/42** ( 2006.01 )  
**A23L 3/015** ( 2006.01 )  
**A23L 3/02** ( 2006.01 )  
**F26B 21/00** ( 2006.01 )  
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 (72) Rumbold, Anthony John  
 (74) Pipers Intellectual Property

(71) Precision Planting LLC  
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 (54) Apparatus, systems and methods for row unit downforce control  
 (51) Int. Cl.  
**A01C 5/06** ( 2006.01 )  
**A01B 13/08** ( 2006.01 )  
**A01B 63/111** ( 2006.01 )  
**A01B 63/114** ( 2006.01 )  
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 (54) Personalized advertisement and check-out system and method  
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 (74) Michael Buck IP

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 (54) Water ride  
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**G01N 33/53** ( 2006.01 )  
**C12N 15/117** ( 2010.01 )  
**G01N 33/569** ( 2006.01 )  
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 (54) Device, system and methods for the oral delivery of therapeutic compounds  
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**A61M 31/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/07** ( 2006.01 )  
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**B60P 7/08** ( 2006.01 )  
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 (54) Genetically Modified Major Histocompatibility Complex Mice  
 (51) Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
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 (11) AU-A-2021200561  
 (21) 2021200561 (22) 29.01.2021  
 (54) Injectable botulinum toxin formulations  
 (51) Int. Cl.  
**A61K 39/08** ( 2006.01 )  
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(71) Road Widener LLC  
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 (54) Articulating rolling compactor attachment  
 (51) Int. Cl.  
**B66F 11/04** ( 2006.01 )  
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 (54) FORMULATION OF A RHEOLOGY MODIFIER AND A THERMO-PLASTIC-EPOXY HYBRID LATEX  
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**C09D 7/43** ( 2018.01 )  
**C08L 33/00** ( 2006.01 )  
**C08L 63/00** ( 2006.01 )  
**C08L 75/08** ( 2006.01 )  
**C09D 133/00** ( 2006.01 )  
**C09D 163/00** ( 2006.01 )  
**C09D 175/08** ( 2006.01 )  
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 (54) Suspension  
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**B60G 11/28** ( 2006.01 )  
**B60G 7/00** ( 2006.01 )  
**B60G 9/02** ( 2006.01 )  
**B60G 11/27** ( 2006.01 )  
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 (72) Max, Peter  
 (74) WADESON

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 (54) Antenna module and electronic device for using the antenna module  
 (51) Int. Cl.  
**H01Q 9/04** ( 2006.01 )  
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 (72) CHO, Namjun; NA, Hyoseok  
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(71) Savage Medical, Inc.  
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 (54) Devices and methods for anchoring a sheath in a tissue cavity  
 (51) Int. Cl.  
**A61F 5/44** ( 2006.01 )  
**A61F 2/04** ( 2013.01 )  
**A61F 5/449** ( 2006.01 )  
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 (54) Chromosome representation determinations  
 (51) Int. Cl.

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**C12Q 1/68** ( 2006.01 )  
**C12Q 1/6827** ( 2018.01 )  
**G16B 20/00** ( 2019.01 )  
**G16B 40/00** ( 2019.01 )  
**G16H 50/30** ( 2018.01 )  
**(43)** 25.02.2021  
**(62)** 2015267190  
**(72)** Zhao, Chen; Deciu, Cosmin  
**(74)** Davies Collison Cave Pty Ltd
- 
- (71)** ServiceNow, Inc.  
**(11)** AU-A-2021200444  
**(21)** 2021200444 **(22)** 22.01.2021  
**(54)** Defining and enforcing operational associations between configuration item classes in managed networks  
**(51)** Int. Cl.  
**G06Q 10/06** ( 2012.01 )  
**G06F 16/00** ( 2019.01 )  
**H04L 12/24** ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2019201387  
**(72)** Polinati, Chinna Babu; Puvvada, Madhavi; Shah, Viral; Perera, M. Kurukulasuriya P. Rukshan Felix  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** ServiceNow, Inc.  
**(11)** AU-A-2021200472  
**(21)** 2021200472 **(22)** 25.01.2021  
**(54)** Performance monitoring of system version releases  
**(51)** Int. Cl.  
**G06F 11/30** ( 2006.01 )  
**G06F 9/451** ( 2018.01 )  
**(43)** 25.02.2021  
**(62)** 2019204765  
**(72)** Sagy, Giora  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** ServiceNow, Inc.  
**(11)** AU-A-2021200509  
**(21)** 2021200509 **(22)** 28.01.2021  
**(54)** Persistent word vector input to multiple machine learning models  
**(51)** Int. Cl.  
**G06F 40/40** ( 2020.01 )  
**G06N 20/00** ( 2019.01 )  
**(43)** 25.02.2021  
**(62)** 2019232887  
**(72)** Jayaraman, Baskar; Govindarajan, Kannan; Thakur, Aniruddha Madhusudan; Wang, Jun; Ganapathy, Chitrabharathi  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Shayler, A.K.  
**(11)** AU-A-2020210197  
**(21)** 2020210197 **(22)** 29.07.2020  
**(54)** METHODS AND APPARATUS FOR RAILING CLAMPS  
**(51)** Int. Cl.  
**F16B 7/18** ( 2006.01 )  
**(31)** 16/533,788 **(32)** 07.08.19 **(33)** US
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- (43)** 25.02.2021  
**(72)** Shayler, Andrew Kenneth  
**(74)** Adams Pluck
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- (71)** Singh Molecular Medicine, LLC  
**(11)** AU-A-2021200416  
**(21)** 2021200416 **(22)** 22.01.2021  
**(54)** Single domain antibodies directed against intracellular antigens  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2019204614  
**(72)** Singh, Sunanda  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Spinrite Inc.  
**(11)** AU-A-2021200511  
**(21)** 2021200511 **(22)** 28.01.2021  
**(54)** A system, method, and material for encouraging study or mastery of a fibre art skill  
**(51)** Int. Cl.  
**G09B 19/20** ( 2006.01 )  
**G09B 5/00** ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2017310269  
**(72)** Verway, John; Cross, Karen Margaret; Smith, Janet Elaine  
**(74)** IP SOLVED (ANZ) PTY. LTD.
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**(11)** AU-A-2021200550  
**(21)** 2021200550 **(22)** 29.01.2021  
**(54)** Heterocyclic compound and harmful arthropod controlling agent containing same  
**(51)** Int. Cl.  
**C07D 213/71** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 43/58** ( 2006.01 )  
**A01P 7/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A61K 31/444** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 33/14** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
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**(72)** TANAKA, Ayaka; SHIMOMURA, Masaru; NOKURA, Yoshihiko; MURAKAMI, Shinichiro  
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**(11)** AU-A-2020286283  
**(21)** 2020286283 **(22)** 05.08.2020  
**(54)** Chair  
**(51)** Int. Cl.  
**A47C 4/28** ( 2006.01 )  
**A47C 7/40** ( 2006.01 )
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**A47C 7/66** ( 2006.01 )  
**F16B 21/12** ( 2006.01 )  
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 16/714,509 13.12.19 US  
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**(43)** 25.02.2021  
**(72)** HSU BESNER, Leslie; SERVAITES, Jeffrey  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Tata Consultancy Services Limited  
**(11)** AU-A-2021200535  
**(21)** 2021200535 **(22)** 28.01.2021  
**(54)** Exactly-once transaction semantics for fault tolerant FPGA based transaction systems  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**G06F 21/00** ( 2013.01 )  
**H03K 19/173** ( 2006.01 )  
**(43)** 25.02.2021  
**(62)** 2019201592  
**(72)** NAMBIAR, Manoj Karunakaran; RODI, Swapnil; PURANIK, Sunil Anant; BARVE, Mahesh Damodar  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Teletech Pty Ltd  
**(11)** AU-A-2020217319  
**(21)** 2020217319 **(22)** 10.08.2020  
**(54)** Line identification device and method  
**(51)** Int. Cl.  
**G01R 31/58** ( 2020.01 )  
**G01R 31/312** ( 2006.01 )  
**H01B 11/02** ( 2006.01 )  
**H04M 3/30** ( 2006.01 )  
**(31)** 2019902866 **(32)** 09.08.19 **(33)** AU  
**(43)** 25.02.2021  
**(72)** Gallagher, Sean; Basell, Malcolm  
**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2020205255  
**(21)** 2020205255 **(22)** 15.07.2020  
**(54)** Remote detection of induction weld temperature  
**(51)** Int. Cl.  
**B23K 26/04** ( 2014.01 )  
**(31)** 19382695.5 **(32)** 06.08.19 **(33)** EP  
**(43)** 25.02.2021  
**(72)** MARTÍN ALONSO, Pedro Pablo; SAMALOT, Francis J.; BUSER, Yannick; RUBIN, Alexander; SACHS, Ulrich  
**(74)** FB Rice Pty Ltd
- 
- (71)** The Boeing Company  
**(11)** AU-A-2020210212  
**(21)** 2020210212 **(22)** 29.07.2020  
**(54)** Remote detection of induction weld temperature  
**(51)** Int. Cl.  
**B23K 13/01** ( 2006.01 )  
**B23K 13/08** ( 2006.01 )  
**(31)** 19382693.0 **(32)** 06.08.19 **(33)** EP

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 (11) AU-A-2020210216  
 (21) 2020210216 (22) 29.07.2020  
 (54) Induction welding using a heat sink and/or cooling  
 (51) Int. Cl.  
 B23K 13/01 ( 2006.01 )  
 B29C 65/02 ( 2006.01 )

(31) 16/532,941 (32) 06.08.19 (33) US  
 (43) 25.02.2021  
 (72) DICHIARA, Robert A.; SAMALOT RIVERA, Francis J.; BURNS, Richard W.  
 (74) FB Rice Pty Ltd

(71) The Boeing Company  
 (11) AU-A-2020210221  
 (21) 2020210221 (22) 29.07.2020  
 (54) Determining a runway exit for landing an aircraft  
 (51) Int. Cl.  
 G06Q 10/00 ( 2012.01 )  
 B64F 1/00 ( 2006.01 )  
 G06Q 50/30 ( 2012.01 )  
 (31) 16/534,373 (32) 07.08.19 (33) US  
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 (72) GAERTNER, Marco; WESTPHAL, Jendrick  
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 (11) AU-A-2020213359  
 (21) 2020213359 (22) 06.08.2020  
 (54) Induction welding using a heat sink and/or cooling  
 (51) Int. Cl.  
 B23K 13/01 ( 2006.01 )  
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 (43) 25.02.2021  
 (72) DiChiara, Robert A.; BLEVINS, Creed Ernest  
 (74) Spruson & Ferguson

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 (21) 2021200445 (22) 22.01.2021  
 (54) High fracture toughness ceramic support nut plate and gang channel  
 (51) Int. Cl.  
 F16B 1/00 ( 2006.01 )  
 B64G 1/22 ( 2006.01 )  
 B64G 1/58 ( 2006.01 )  
 F16B 33/00 ( 2006.01 )  
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 (21) 2021200481 (22) 27.01.2021  
 (54) INJECTABLE SLURRIES AND METHODS OF MANUFACTURING AND USING THE SAME  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )

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 (62) 2015308794  
 (72) Farinelli, William A.; Garibyan, Lilit; Anderson, Richard Rox; Javorsky, Emilia  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) The National Institute for Biotechnology in the Negev Ltd.  
 (11) AU-A-2021200421  
 (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  
 (51) Int. Cl.

C07D 471/10 ( 2006.01 )  
 A61K 31/445 ( 2006.01 )  
 A61K 31/495 ( 2006.01 )  
 A61P 9/00 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 A61P 25/08 ( 2006.01 )  
 A61P 25/16 ( 2006.01 )  
 A61P 43/00 ( 2006.01 )  
 C07D 211/58 ( 2006.01 )  
 C07D 241/04 ( 2006.01 )  
 C07D 241/54 ( 2006.01 )  
 C07D 295/06 ( 2006.01 )  
 C07D 403/04 ( 2006.01 )

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 (72) Shoshan-Barmatz, Varda; Lev Gruzman, Arie  
 (74) Michael Buck IP

(71) Theoblong Global Limited  
 (11) AU-A-2020202075  
 (21) 2020202075 (22) 23.03.2020  
 (54) PROCESSING AND STORAGE OF LOCATION DATA  
 (51) Int. Cl.  
 G06F 17/00 ( 2019.01 )

(31) 1911299.4 (32) 07.08.19 (33) GB  
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 (72) FARTHING, Duncan; WIGLEY, Andrew; HAYNES, Ian  
 (74) Murray Trento & Associates Pty Ltd

(71) The Penn State Research Foundation  
 (11) AU-A-2020294340  
 (21) 2020294340 (22) 30.12.2020  
 (54) Compositions and methods for targeting of the surfactant protein a receptor  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61P 31/00 ( 2006.01 )  
 C07K 16/18 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )

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 (72) Chroneos, Zissis; Christensen, Neil  
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 (51) Int. Cl.  
 E05F 1/06 ( 2006.01 )  
 E05D 3/02 ( 2006.01 )

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 (43) 25.02.2021  
 (72) SZARKA-KOVACS, Zsolt  
 (74) TNBT Holdings Pty Limited

(71) TRANSCOM INDUSTRIES PTY LTD  
 (11) AU-A-2020210236  
 (21) 2020210236 (22) 30.07.2020  
 (54) Mud Flap and Method  
 (51) Int. Cl.  
 B62D 25/18 ( 2006.01 )  
 B29C 39/12 ( 2006.01 )  
 B29C 39/42 ( 2006.01 )  
 B62J 15/04 ( 2006.01 )

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 (72) LANGHAM, Stephen Clarence  
 (74) Fraser Old & Sohn

(71) TransDerm, Inc.  
 (11) AU-A-2021200536  
 (21) 2021200536 (22) 28.01.2021  
 (54) Moisture-responsive films  
 (51) Int. Cl.  
 C09J 11/06 ( 2006.01 )  
 C09J 133/04 ( 2006.01 )  
 G02B 5/30 ( 2006.01 )

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 (62) 2018244425  
 (72) Speaker, Tycho; Kaspar, Roger L.  
 (74) Davies Collison Cave Pty Ltd

(71) Translate Bio, Inc.  
 (11) AU-A-2021200483  
 (21) 2021200483 (22) 27.01.2021  
 (54) ENCAPSULATION OF MESSENGER RNA  
 (51) Int. Cl.  
 A61K 9/127 ( 2006.01 )

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 (72) DeRosa, Frank; Heartlein, Michael; Karve, Shrirang  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2020213299  
 (21) 2020213299 (22) 04.08.2020  
 (54) INFRASTRUCTURE DETECTION AND MONITORING SYSTEM



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**G08B 21/18** ( 2006.01 )  
**G05B 15/00** ( 2006.01 )  
**G08C 17/00** ( 2006.01 )
- (31) 62/882,914 (32) 05.08.19 (33) US  
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 (74) Phillips Ormonde Fitzpatrick

- (71) True Manufacturing Co., Inc.  
 (11) AU-A-2021200441  
 (21) 2021200441 (22) 22.01.2021  
 (54) Ice machine with a dual-circuit evaporator for hydrocarbon refrigerant
- (51) Int. Cl.  
**F25C 1/04** ( 2018.01 )  
**F25B 7/00** ( 2006.01 )  
**F25B 9/00** ( 2006.01 )  
**F25B 41/00** ( 2021.01 )  
**F25C 1/22** ( 2018.01 )
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 (62) 2016378569  
 (72) KNATT, Kevin  
 (74) Spruson & Ferguson

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 (21) 2019213450

- (71) Turner, K.; Turner, R.J.  
 (11) AU-A-2019213450  
 (21) 2019213450 (22) 10.08.2019  
 (54) Anti Drop, Safe Use Internal PVC Pipe Cutter
- (51) Int. Cl.  
**B23D 21/14** ( 2006.01 )
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 (72) Turner, Kenneth Meyers; Turner, Roderick James  
 (74) Kenneth Meyers Turner

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 (21) 2021200432

- (71) Unigen, Inc.; Unigen, Inc.  
 (11) AU-A-2021200432  
 (21) 2021200432 (22) 22.01.2021  
 (54) Compositions and methods for joint health
- (51) Int. Cl.  
**C07K 14/415** ( 2006.01 )  
**A61K 36/48** ( 2006.01 )  
**A61K 36/605** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**C07H 15/20** ( 2006.01 )

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 (11) AU-A-2021200500  
 (21) 2021200500 (22) 27.01.2021  
 (54) SOLVENT COMPOSITION AND PROCESS FOR REMOVAL OF ASPHALT AND OTHER CONTAMINANT MATERIALS
- (51) Int. Cl.  
**C11D 3/44** ( 2006.01 )  
**C11D 1/62** ( 2006.01 )  
**C11D 7/50** ( 2006.01 )
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 (74) Ahearn Fox

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 (21) 2020294301

- (71) Vanadis Diagnostics  
 (11) AU-A-2021200461  
 (21) 2021200461 (22) 25.01.2021  
 (54) Nucleic acid probe and method of detecting genomic fragments
- (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )
- (43) 25.02.2021  
 (62) 2014358861  
 (72) Dahl, Carl Oscar Fredrik; Ericsson, John Olof  
 (74) FPA Patent Attorneys Pty Ltd

- (71) Vaxiion Therapeutics, LLC  
 (11) AU-A-2021200525  
 (21) 2021200525 (22) 28.01.2021  
 (54) Immunomodulatory minicells and methods of use
- (51) Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )
- (43) 25.02.2021  
 (62) 2019200735  
 (72) GIACALONE, Matthew J.  
 (74) Spruson & Ferguson

- (71) Verton IP Pty Ltd  
 (11) AU-A-2021200439  
 (21) 2021200439 (22) 22.01.2021  
 (54) Materials management systems and methods
- (51) Int. Cl.  
**B66C 13/06** ( 2006.01 )

- G06Q 10/06** ( 2012.01 )  
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 (72) THOMSON, Stanley; MILLER, Andrew  
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- (71) ViaCyte, Inc.  
 (11) AU-A-2021200419  
 (21) 2021200419 (22) 22.01.2021  
 (54) ENCAPSULATION OF PANCREATIC CELLS DERIVED FROM HUMAN PLURIPOTENT STEM CELLS
- (51) Int. Cl.  
**C12N 11/00** ( 2006.01 )  
**A61K 35/39** ( 2015.01 )  
**C12N 5/071** ( 2010.01 )
- (43) 25.02.2021  
 (62) 2018202307  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

- (71) Visa International Service Association  
 (11) AU-A-2021200521  
 (21) 2021200521 (22) 28.01.2021  
 (54) Systems and methods for device push provisioning
- (51) Int. Cl.  
**H04L 29/06** ( 2006.01 )
- (43) 25.02.2021  
 (62) 2017206119  
 (72) Chandoor, Madhuri; Chitalia, Jalpesh; Petkov, Gueorgui; Nosseir, Mohamed; Bansal, Parveen; Bellenger, Thomas; Law, Simon  
 (74) FPA Patent Attorneys Pty Ltd

- Xinjiang Jiang Ning Light Industrial Machinery Engineering Technology Co., Ltd. see Qingdao University of Technology  
 (21) 2019455808

- (71) XYZ Energy Group, LLC  
 (11) AU-A-2021200447  
 (21) 2021200447 (22) 22.01.2021  
 (54) SYSTEM AND METHOD FOR THE GENERATION OF HEAT AND POWER USING MULTIPLE CLOSED LOOPS COMPRISING A PRIMARY HEAT TRANSFER LOOP, A POWER CYCLE LOOP AND AN INTERMEDIATE HEAT TRANSFER LOOP
- (51) Int. Cl.  
**F01K 23/08** ( 2006.01 )  
**F01K 23/10** ( 2006.01 )  
**F22B 1/10** ( 2006.01 )
- (43) 25.02.2021  
 (62) 2019245407  
 (72) Huntington, Richard Alan; Mittricker, Frank F.; Starcher, Loren K.  
 (74) Michael Buck IP

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(11) AU-A-2021200503  
(21) 2021200503 (22) 27.01.2021  
(54) Composition comprising at least one dry powder obtained by spray drying to increase the stability of the formulation  
(51) Int. Cl.  
A61K 9/00 ( 2006.01 )  
A61K 9/14 ( 2006.01 )  
A61K 9/16 ( 2006.01 )  
A61K 31/167 ( 2006.01 )  
A61K 31/439 ( 2006.01 )  
A61K 31/58 ( 2006.01 )  
(43) 25.02.2021  
(62) 2015330010  
(72) Maggi, Loretta; Caponetti, Giovanni; Butti, Heike; Veneziani, Cristina; Zanelotti, Laura  
(74) FB Rice Pty Ltd

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2019213361	Bank of Canada	2021200009	Inventio AG
2019213432	Reardon, A.	2021200013	Dolby International AB
2019213450	Turner, K.; Turner, R.J.	2021200015	Angel Playing Cards Co., Ltd.
2019268040	Maltman, W.	2021200016	Hamilton, D.M.
2019268174	TNBT Holdings Pty Ltd	2021200030	Savage Medical, Inc.
2019275531	Cmech (Guangzhou) Ltd.	2021200035	Ablynx NV
2019275534	Cmech (Guangzhou) Ltd.	2021200045	Angel Playing Cards Co., Ltd.
2019284026	QINGDAO AGRICULTURAL UNIVERSITY	2021200055	Becton, Dickinson and Company
2019435041	China University of Mining and Technology	2021200095	Dolby International AB
2019455808	Qingdao University of Technology; Xinjiang Jiang Ning Light Industrial Machinery Engineering Technology Co.,Ltd.	2021200102	Apple Inc.
2020200910	Knack, C.	2021200299	Accenture Global Solutions Limited
2020201719	Michie, J.	2021200358	CFPH, LLC
2020202075	Theoblong Global Limited	2021200416	Singh Molecular Medicine, LLC
2020202743	China University of Mining and Technology, Beijing	2021200418	Life Technologies Corporation
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2020210191	BISSELL Inc.	2021200434	Equifax, Inc.
2020210197	Shayler, A.K.	2021200436	Oncopeptides AB
2020210212	The Boeing Company	2021200437	Dolby Laboratories Licensing Corporation
2020210216	The Boeing Company	2021200438	Regeneron Pharmaceuticals, Inc.
2020210221	The Boeing Company	2021200439	Vertron IP Pty Ltd
2020210236	TRANSCOM INDUSTRIES PTY LTD	2021200440	Road Widener LLC
2020210270	Hanwha Techwin Co., Ltd.	2021200441	True Manufacturing Co., Inc.
2020210298	Bucam Pty Ltd	2021200442	Ball Corporation
2020213278	ABB Schweiz AG	2021200443	Norton (Waterford) Limited
2020213291	EFA - ENGINEERING FOR ALL LTD.	2021200444	ServiceNow, Inc.
2020213299	Transportation IP Holdings, LLC	2021200445	The Boeing Company
2020213301	Safety First Pty Ltd	2021200446	H3 Dynamics Holdings Pte. Ltd.
2020213327	Aristocrat Technologies Australia Pty Limited	2021200447	XYZ Energy Group, LLC
2020213328	SAMSUNG ELECTRONICS CO., LTD.	2021200449	CommScope Technologies LLC
2020213342	CSR Building Products Limited	2021200450	INCYTE CORPORATION
2020213349	Mai, X.L.	2021200451	Apple Inc.
2020213359	The Boeing Company	2021200452	Ariagen, Inc.
2020213387	Lorincz, M.; Lorincz, M.	2021200453	LEGEND BIOTECH IRELAND LIMITED
2020213391	LG ELECTRONICS INC.	2021200454	Capnia, Inc.
2020213412	Aristocrat Technologies, Inc.	2021200455	Geomoby Pty Ltd
2020217319	Teletech Pty Ltd	2021200457	Aristocrat Technologies Australia Pty Limited
2020244436	NEC Platforms, Ltd.	2021200459	Nuvera Fuel Cells, LLC
2020256325	Prizeout Corp.	2021200461	Vanadis Diagnostics
2020260484	Coupage Corp.	2021200463	Clene Nanomedicine, Inc.
2020281109	Commercialisation Express Pty Ltd	2021200464	Northrop Grumman Systems Corporation
2020286283	Sunflow, Inc.	2021200466	Baxter, K.
2020294300	Bionime Corporation; Bionime USA Corporation	2021200467	Arbitron Inc.
2020294301	GlaxoSmithKline Intellectual Property Development Limited; INSERM (Institut National de la Sante et de la Recherche Medicale); Institut Jean Paoli & Irene Calmettes; Universite d'Aix-Marseille; Centre National de la Recherche Scientifique	2021200468	BIOM'UP France SAS
2020294304	Dolby International AB	2021200470	Malta Inc.
2020294317	NTT DOCOMO, INC.	2021200472	ServiceNow, Inc.
2020294323	Allergan, Inc.	2021200474	Genzyme Corporation
2020294340	The Penn State Research Foundation	2021200475	CleverNet Inc.
2020294343	LOON LLC	2021200477	Opex Corporation
2020294348	Janssen Vaccines & Prevention B.V.	2021200478	Aqua Group Limited
2020294353	Rani Therapeutics, LLC	2021200479	Nextremity Solutions, Inc.
2020294362	Google LLC	2021200481	The General Hospital Corporation
		2021200482	Noleus Technologies Inc.
		2021200483	Translate Bio, Inc.
		2021200484	MockV Solutions
		2021200485	LightLab Imaging, Inc.
		2021200486	Moderna Therapeutics, Inc.

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2021200487	FiberLean Technologies Limited
2021200489	Mayo Foundation for Medical Education and Research
2021200490	Orange Maker LLC
2021200491	Mayne Pharma International Pty Ltd
2021200492	Accelaron Pharma Inc.
2021200493	Parkview Green Dairy Group Limited
2021200496	Oisin Biotechnologies
2021200500	United Laboratories International, LLC
2021200503	Zambon S.p.A.
2021200504	Contract Resources Pty Ltd
2021200509	ServiceNow, Inc.
2021200510	Ariosa Diagnostics, Inc.
2021200511	Spinrite Inc.
2021200512	Janssen Pharmaceutica NV
2021200513	Mayo Foundation for Medical Education and Research
2021200514	Johnson & Johnson Consumer Inc.
2021200515	ClearStream Technologies Limited
2021200516	Allergan Industrie, SAS
2021200517	Amgen Inc.
2021200518	Genentech, Inc.
2021200519	Hidrate, Inc.
2021200520	Eddy Current Limited Partnership
2021200521	Visa International Service Association
2021200523	Blackhawk Network, Inc.
2021200525	Vaxiion Therapeutics, LLC
2021200528	Caisson Interventional, LLC
2021200529	Canon Kabushiki Kaisha
2021200530	GenieUs Genomics Pty Ltd
2021200535	Tata Consultancy Services Limited
2021200536	TransDerm, Inc.
2021200540	Concave Global Pty Ltd
2021200543	Canon Kabushiki Kaisha
2021200544	B. Braun Medical Inc.
2021200547	Advance International Inc.
2021200548	8 Rivers Capital, LLC
2021200549	Burcon Nutrascience (MB) Corp.
2021200550	Sumitomo Chemical Company, Limited
2021200553	NeuroVasc Technologies, Inc.
2021200554	MAKO Surgical Corp.
2021200555	ProSlide Technology Inc.
2021200560	Precision Planting LLC
2021200561	Revance Therapeutics, Inc.
2021200562	Hangzhou DAC Biotech Co., Ltd

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. (\*) Title not in Roman characters

. (\*\*) Title not given

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

<p><b>A, S. see P.M, D.</b> (21) 2020104036</p> <hr/> <p><b>Ameen, M. see Gopal Nagpure, S.</b> (21) 2020104028</p> <hr/> <p><b>Anand, N. see Gupta, N.</b> (21) 2020104030</p> <hr/> <p><b>ANAND, M.J. see HUMCEN CO</b> (21) 2020104070</p> <hr/> <p><b>Anwer, E.T. see Saini, D.V.</b> (21) 2020104074</p> <hr/> <p><b>Aravind Kumar, M. see Gopal Nagpure, S.</b> (21) 2020104028</p> <hr/> <p>(71) Arjunan, D.T.; Bin Sopian, D.T.D.K.; Yahya. M.Sc. .I.M.; Gupta, P.K.; Vijayan, S.; Matheswaran, M. (11) AU-A-2020104031 (21) 2020104031 (22) 12.12.2020 (54) TWISTED MICRO-FINS EVACUATED TUBE SOLAR AIR HEATER (51) Int. Cl. F24S 10/40 ( 2018.01 ) F24S 10/75 ( 2018.01 ) F24S 20/20 ( 2018.01 ) F24S 20/25 ( 2018.01 ) F24S 80/30 ( 2018.01 ) (45) 25.02.2021 (72) Arjunan, Dr. T.V.; Bin Sopian, Dato' Ts Dr Kamaruzzaman; Yahya. M.Sc. .Dr. Ir. M.; Gupta, Pankaj Kumar; Vijayan, S.; Matheswaran, M.M. (74) Dr. T.V. Arjunan</p> <hr/> <p><b>Arya, S. see Gupta, N.</b> (21) 2020104030</p> <hr/> <p>(71) B, S.; M, R.; S, M.; J, V.; P, R.K.; R, M.S.; P, M. (11) AU-A-2020103426 (21) 2020103426 (22) 13.11.2020 (54) DESIGN AND IMPLEMENTATION OF A DEVICE FOR PERFORMANCE ANALYSIS OF THE VEHICLE AND THEIR PARAMETERS (51) Int. Cl. G07C 5/08 ( 2006.01 ) B01D 35/143 ( 2006.01 )</p>	<p>B60K 35/00 ( 2006.01 ) F01M 11/12 ( 2006.01 ) F02D 41/22 ( 2006.01 ) G06Q 20/00 ( 2012.01 ) (45) 25.02.2021 (72) B, STALIN; M, RAVICHANDRAN; S, MARICHAMY; J, VAIRAMUTHU; P, RAMESH KUMAR; R, MADHAVA SHANKAR; P, MOHANAVEL (74) Patentable</p> <hr/> <p><b>B, P. see M, C.</b> (21) 2020104072</p> <hr/> <p><b>B.S, N. see M, C.</b> (21) 2020104072</p> <hr/> <p><b>Balaji B, S. see Salih Mohammed, A.</b> (21) 2020104032</p> <hr/> <p><b>Bandhu Rastogi, S. see Gupta, N.</b> (21) 2020104030</p> <hr/> <p><b>Beijing Normal University see First Affiliated Hospital of Xi'an Jiaotong University</b> (21) 2020102894</p> <hr/> <p><b>Bhardwaj, A. see Prakash Shukla, A.</b> (21) 2020104034</p> <hr/> <p><b>Bhardwaj, M. see Prakash Shukla, A.</b> (21) 2020104034</p> <hr/> <p>(71) Bhavani, D.D.; Ranga Babu, T.; Murthy, T.S.; Krishna Varma, N.M.; Sivaprasad, P.; Rajulu G, G.; Rao, M.V.; Chordiya, ..S.B.; raj, ..B. (11) AU-A-2020104035 (21) 2020104035 (22) 12.12.2020 (54) PIG- Intelligent Chatbot System: Process (Sales Transaction) to use Information Gathered by an Intelligent Chatbot System (51) Int. Cl. G06N 20/00 ( 2019.01 ) G06F 16/332 ( 2019.01 ) G06F 40/20 ( 2020.01 ) G06N 3/02 ( 2006.01 ) G06Q 30/02 ( 2012.01 ) (45) 25.02.2021 (72) Bhavani, D. Durga; Ranga Babu, Tummala; Murthy, T. Satyanarayana; Krishna Varma, N. Mohan; Sivaprasad, Ponduri; Rajulu G, Govinda; Rao, M</p>	<p>Venkata; Chordiya, .(Dr.) S. B.; raj, .(dr.) Beg (74) D. Durga Bhavani</p> <hr/> <p><b>Bin Sopian, D.T.D.K. see Arjunan, D.T.</b> (21) 2020104031</p> <hr/> <p><b>C, V.K. see M, C.</b> (21) 2020104072</p> <hr/> <p>(71) C.E.T. Company Limited (11) AU-A-2020104102 (21) 2020104102 (22) 15.12.2020 (54) WATERPROOF PLASTIC LAMP AND LAMP STRING (51) Int. Cl. F21V 15/01 ( 2006.01 ) (31) 202022575789.7 (32) 10.11.20 (33) CN (45) 25.02.2021 (72) Zhang, Hui (74) Madderns Pty Ltd</p> <hr/> <p>(71) Cai, X. (11) AU-A-2015101991 (21) 2015101991 (22) 30.04.2015 (54) Total laparoscopic two-stage surgical method for resection of side of liver of patient via liver-surrounding band method (51) Int. Cl. A61B 17/32 ( 2006.01 ) A61B 1/313 ( 2006.01 ) A61B 17/12 ( 2006.01 ) A61B 17/132 ( 2006.01 ) A61B 17/00 ( 2006.01 ) (45) 25.02.2021 (72) Cai, Xiujun; Peng, Shuyou; Wang, Yifan (74) Chrysiliou IP</p> <hr/> <p><b>Chandra Sharma, P. see Kumar, N.</b> (21) 2020104033</p> <hr/> <p>(71) Chang`an university; Henan College of Transportation (11) AU-A-2020104064 (21) 2020104064 (22) 14.12.2020 (54) PREPARATION METHOD AND APPLICATION OF DEFLUORIDE MATERIAL (51) Int. Cl. C02F 3/32 ( 2006.01 ) B01J 20/24 ( 2006.01 ) B01J 20/30 ( 2006.01 ) C02F 1/28 ( 2006.01 ) (45) 25.02.2021 (72) Yang, Shengke; Song, Rong; Luo, Mengya; Xu, Haiyang; Zhu, Tao; Lu,</p>
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(71) Lovely Professional University  
 (11) AU-A-2020104054  
 (21) 2020104054 (22) 14.12.2020  
 (54) AN AUTOMATIC UV RACKET FOR SANITIZATION  
 (51) Int. Cl.  
     **A61L 2/10** ( 2006.01 )  
     **A61L 9/20** ( 2006.01 )  
 (45) 25.02.2021  
 (72) SINGH, Mandeep; CHOUDHURY, Ruhul Amin; LAKHANPAL, Sorabh  
 (74) IP NATION

(71) Lovely Professional University  
 (11) AU-A-2020104055  
 (21) 2020104055 (22) 14.12.2020  
 (54) A LONG RANGE COMMUNICATION BASED QUADCOPTER TO DETECT FAULTY ELECTRICAL TRANSMISSION LINES  
 (51) Int. Cl.  
     **G01R 31/08** ( 2020.01 )  
     **B64C 39/02** ( 2006.01 )  
     **G08C 17/02** ( 2006.01 )  
     **H02G 1/02** ( 2006.01 )  
     **H04W 88/16** ( 2009.01 )  
 (45) 25.02.2021  
 (72) SINGH, Rajesh; GEHLOT, Anita; THAKUR, Amit Kumar; GUPTA, Manish; BUDDHI, Dharam; AKRAM, Shaik Vaseem  
 (74) IP NATION

(71) Lovely Professional University  
 (11) AU-A-2020104056  
 (21) 2020104056 (22) 14.12.2020  
 (54) NOVEL FORMULATION OF PSORALIA CORYLIFOLIA LINN. EXTRACT AND PROCESS THEREOF  
 (51) Int. Cl.  
     **A61K 36/487** ( 2006.01 )

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**A61K 9/107** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** SINGH, Rimmi; VYAS, Manish; GULATI, Monica; SINGH, Sachin; KHATIK, Gopal Lal; SATIJA, Saurabh; VYAS, Ashish; TANDON, Nitin; BUDDHI, Dharam; THOMAS, Reji; KHURANA, Navneet  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104057  
**(21)** 2020104057 **(22)** 14.12.2020  
**(54)** A SMART SAFETY SYSTEM FOR SCHOOL BUSES  
**(51)** Int. Cl.  
**B60K 28/06** ( 2006.01 )  
**B60K 28/10** ( 2006.01 )  
**B60W 40/08** ( 2012.01 )  
**B60W 40/105** ( 2012.01 )  
**H04W 4/44** ( 2018.01 )

**(45)** 25.02.2021  
**(72)** SINGH, Rajesh; GEHLOT, Anita; THAKUR, Amit Kumar; AKRAM, Shaik Vaseem; GUPTA, Lovi Raj; GUPTA, Manish; JOSHI, Mahendra  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104058  
**(21)** 2020104058 **(22)** 14.12.2020  
**(54)** A REAL TIME MONITORING SYSTEM FOR PIPELINES USING LoRa AND ESP 32  
**(51)** Int. Cl.  
**G01M 3/28** ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** SINGH, Rajesh; GEHLOT, Anita; THAKUR, Amit Kumar; AKRAM, Shaik Vaseem; BUDDHI, Dharam; VERMA, Rajesh; SINGLA, Atul Kumar  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104059  
**(21)** 2020104059 **(22)** 14.12.2020  
**(54)** AN IOT BASED SYSTEM FOR INTELLIGENT WINTER ROAD MAINTENANCE IN HILLY AREA  
**(51)** Int. Cl.  
**G16Y 40/40** ( 2020.01 )  
**G06Q 50/00** ( 2012.01 )  
**G16Y 20/10** ( 2020.01 )  
**(45)** 25.02.2021  
**(72)** SINGH, Rajesh; BUDDHI, Dharam; GEHLOT, Anita; THAKUR, Amit Kumar; AKRAM, Shaik Vaseem; SINGLA, Atul Kumar  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104060  
**(21)** 2020104060 **(22)** 14.12.2020  
**(54)** NOVEL NANOFORMULATION OF POLYPEPTIDE-K  
**(51)** Int. Cl.

**A61K 36/42** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/32** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** SINGH, Sachin Kumar; GULATI, Monica; KAPOOR, Bhupinder; PANDEY, Narendra Kumar; KUMAR, Bimlesh; SINGH, Amrik; KUMAR, Vijay; WADHWA, Sheetu  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104061  
**(21)** 2020104061 **(22)** 14.12.2020  
**(54)** A SMART FIRE HYDRANT SYSTEM BASED ON LORA COMMUNICATION  
**(51)** Int. Cl.  
**A62C 37/00** ( 2006.01 )  
**E03B 9/02** ( 2006.01 )  
**H04M 11/04** ( 2006.01 )  
**H04W 84/12** ( 2009.01 )

**(45)** 25.02.2021  
**(72)** SINGH, Rajesh; GEHLOT, Anita; THAKUR, Amit Kumar; BUDDHI, Dharam; AKRAM, Shaik Vaseem; SINGLA, Atul Kumar  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104062  
**(21)** 2020104062 **(22)** 14.12.2020  
**(54)** IOT BASED SOLAR POWERED AGRICULTURAL DYER SYSTEM  
**(51)** Int. Cl.  
**F26B 3/28** ( 2006.01 )  
**F26B 15/00** ( 2006.01 )  
**F26B 20/00** ( 2006.01 )  
**F26B 25/00** ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** PRAKASH, Chander; SINGH, Rajesh; GEHLOT, Anita; THAKUR, Amit Kumar; AKRAM, Shaik Vaseem; RATHI, Rajeev; SINGH, Pavitar Parkash; WALIA, Sandeep; SINGLA, Tara; GUPTA, Meghna  
**(74)** IP NATION

**(71)** Lovely Professional University  
**(11)** AU-A-2020104063  
**(21)** 2020104063 **(22)** 14.12.2020  
**(54)** A NOVEL PHARMACEUTICAL FORMULATION FOR ANTIARTHRITIC ACTIVITY  
**(51)** Int. Cl.  
**A61K 31/635** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** KAPOOR, Bhupinder; GULATI, Monica; SINGH, Sachin Kumar; GUPTA, Reena  
**(74)** IP NATION

**M, R. see B, S.**  
**(21)** 2020103426

**M, J. see P.M, D.**  
**(21)** 2020104036

**M, R.B. see M, C.**  
**(21)** 2020104072

**(71)** M, C.; M, R.B.; B.S, N.; T.V, N.; B, P.; Raamesh, L.; C, V.K.; R, S.; T.D, S.; H, U.P.

**(11)** AU-A-2020104072  
**(21)** 2020104072 **(22)** 14.12.2020  
**(54)** INTELLIGENT POWER MANAGEMENT TECHNIQUE USING CUK-LUO FUSED CONVERTER FOR HYBRID POWER SYSTEM.

**(51)** Int. Cl.  
**H02M 3/156** ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** M, Chilambarasan; M, Ramesh Babu; B.S, Nalina; T.V, Narmadha; B, Parvathavarthini; Raamesh, Lilly; C, Venkatesh Kumar; R, Sreekanth; T.D, Sudhakar; H, Umesh Prabhu  
**(74)** FORWARD INTELLECTUAL PROPERTY PTY LTD

**Maiti, N. see Saini, D.V.**  
**(21)** 2020104074

**Mallampati, D. see Kumar, N.**  
**(21)** 2020104033

**Matheswaran, M. see Arjunan, D.T.**  
**(21)** 2020104031

**Mehrotra, T. see Kumar, N.**  
**(21)** 2020104033

**Miran, A.Z. see Salih Mohammed, A.**  
**(21)** 2020104032

**(71)** Moheimani, S.K.  
**(11)** AU-A-2020103999  
**(21)** 2020103999 **(22)** 10.12.2020  
**(54)** An instrument for measuring combustion wave velocity during manufacturing of advanced materials with high-temperature self-propagating synthesis method

**(51)** Int. Cl.  
**G01P 3/68** ( 2006.01 )

**(45)** 25.02.2021  
**(72)** Moheimani, Seyed Kiomars  
**(74)** Seyed Kiomars Moheimani

**Murthy, T.S. see Bhavani, D.D.**  
**(21)** 2020104035

**N. Thune, N. see Gopal Nagpure, S.**

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(21) 2020104028

**Najat Ahmed, A. see Salih Mohammed, A.**  
(21) 2020104032

**NALINI, M. see HUMCEN CO**

(21) 2020104070

(71) Nanjing Agricultural University

(11) AU-A-2020104045

(21) 2020104045 (22) 13.12.2020

(54) ORDERED ARTEMISIA SELENGENS HARVESTING DEVICE WITH WALKING PROFILING AND LEAF REMOVING FUNCTIONS

(51) Int. Cl.

**A01D 45/26** ( 2006.01 )

**A01D 45/28** ( 2006.01 )

(31) 202010593849.X (32) 24.06.20 (33) CN

(45) 25.02.2021

(72) Xue, Jinlin; Jia, Chaoyang; Zhang, Weidong

(74) Daniel Rosenthal

(71) Nanjing Forestry University

(11) AU-A-2020104022

(21) 2020104022 (22) 11.12.2020

(54) A method to promote cuttage rooting on improved varieties of *Carya illinoensis*

(51) Int. Cl.

**A01G 2/10** ( 2018.01 )

**A01G 24/15** ( 2018.01 )

**A01G 24/28** ( 2018.01 )

(45) 25.02.2021

(72) Tan, Pengpeng; Liang, Youwang; Feng, Gang; Peng, Fangren; Zhu, Kaikai; Zhou, Ying

(74) Alder IP Pty Ltd

(71) Nanjing Normal University

(11) AU-A-2020104071

(21) 2020104071 (22) 14.12.2020

(54) A Method for Constructing an Acute Cell Iron Overload Model

(51) Int. Cl.

**C12N 5/077** ( 2010.01 )

**C12N 5/09** ( 2010.01 )

**G01N 33/50** ( 2006.01 )

(45) 25.02.2021

(72) Guo, Zhigang; Zhao, Lianfeng; Zhang, Miaomiao

(74) Alder IP Pty Ltd

(71) Ningxia University

(11) AU-A-2020104040

(21) 2020104040 (22) 13.12.2020

(54) A bio-fertilizer for alleviating the obstacle of continuous cropping of GOBI watermelon

(51) Int. Cl.

**C05B 7/00** ( 2006.01 )

**C05C 3/00** ( 2006.01 )

**C05C 9/00** ( 2006.01 )

**C05D 1/00** ( 2006.01 )

**C05D 9/00** ( 2006.01 )

**C05F 3/00** ( 2006.01 )

**C05F 11/02** ( 2006.01 )

**C05F 17/20** ( 2020.01 )

(45) 25.02.2021

(72) Sun, Quan; Jiang, Peng; Wang, Rui

(74) Alder IP Pty Ltd

(71) Northeast Petroleum University

(11) AU-A-2020104043

(21) 2020104043 (22) 13.12.2020

(54) Turbine-type axial impactor 2

(51) Int. Cl.

**E21B 4/14** ( 2006.01 )

**E21B 1/28** ( 2006.01 )

(45) 25.02.2021

(72) Li, Wei; Ling, Xin; Gai, Jingming; Li, Siqi

(74) Alder IP Pty Ltd

**P, R.K. see B, S.**

(21) 2020103426

**P, M. see B, S.**

(21) 2020103426

**P.B, R. see P.M, D.**

(21) 2020104036

(71) P.M, D.; P.B, R.; A, S.; M, J.

(11) AU-A-2020104036

(21) 2020104036 (22) 12.12.2020

(54) Constructing Morphology of Multilevel Intuitionistic Fuzzy Hypergraphs

(51) Int. Cl.

**G06T 7/00** ( 2017.01 )

(45) 25.02.2021

(72) P.M, Dhanya; P.B, Ramkumar; A, Sreekumar; M, Jathavedan

(74) Dhanya P.M

(71) Pack Chic International Corporation

(11) AU-A-2020104037

(21) 2020104037 (22) 12.12.2020

(54) Beverage Cup with Beverage Ingredient Container and Straw Cup Lid

(51) Int. Cl.

**B65D 81/32** ( 2006.01 )

**A47G 19/22** ( 2006.01 )

**B65D 47/06** ( 2006.01 )

(31) 109201033 (32) 22.01.20 (33) TW

109209654 28.07.20 TW

(45) 25.02.2021

(72) CHEN, Hung-Shiang

(74) A.P.T. Patent and Trade Mark Attorneys

(71) Pagden, K.

(11) AU-A-2020104026

(21) 2020104026 (22) 11.12.2020

(54) A high ambient bio degradable food preservation satchel for the transportation of fresh food to consumers

(51) Int. Cl.

**B65D 81/24** ( 2006.01 )

**B65D 81/36** ( 2006.01 )

**B65D 81/38** ( 2006.01 )

(45) 25.02.2021

(72) Pagden, Kenneth Lindsay

(74) Kenneth Lindsay Pagden

**Peking Union Medical College Hospital see INSTITUTE OF MEDICAL BIOLOGY CHINESE ACADEMY OF MEDICAL SCIENCES**

(21) 2020104082

(71) Plant Protection Research

Institute, Guangxi Academy of Agricultural Sciences

(11) AU-A-2020104096

(21) 2020104096 (22) 15.12.2020

(54) MOLECULAR MARKER FOR MAJOR GENETIC LOCUS RESISTANT TO BACTERIAL LEAF STREAK OF RICE AND APPLICATION OF MOLECULAR MARKER

(51) Int. Cl.

**C12Q 1/6895** ( 2018.01 )

**A01H 1/04** ( 2006.01 )

**C12Q 1/686** ( 2018.01 )

(45) 25.02.2021

(72) XIE, Ling; QIN, Liping; CEN, Zhenlu; ZHANG, Wenlong

(74) Remarkable IP

**POORNIMA, A. see HUMCEN CO**

(21) 2020104070

**Porwal, D.O. see Saini, D.V.**

(21) 2020104074

(71) Prakash Shukla, A.; Singh, S.; Saxena, S.; Bhardwaj, A.; Kumar Yadav, P.; Bhardwaj, M.; Sharma, A.; Sharma, S.; Sharma, S.; Singh, A.; Vaishali Rastogi, K.; Kumar Sarkar, ..B.

(11) AU-A-2020104034

(21) 2020104034 (22) 12.12.2020

(54) IML-Cloud Data Performance: Cloud Data Performance Improved using Machine Learning.

(51) Int. Cl.

**G06N 20/20** ( 2019.01 )

**H04L 12/28** ( 2006.01 )

(45) 25.02.2021

(72) Prakash Shukla, Anand; Singh, Satyendra; Saxena, Sandeep; Bhardwaj, Ankur; Kumar Yadav, Pramod; Bhardwaj, Manish; Sharma, Arti; Sharma, Saurabh; Sharma, Sanjiv; Singh, Amar; Vaishali Rastogi, Km; Kumar Sarkar, . (Dr.) Biplab

(74) Anand Prakash Shukla

**Pundhir, P. see Kumar, N.**

(21) 2020104033

**Qasim Alyousuf, F.Q. see Salih Mohammed, A.**

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(21) 2020104032

(71) Qingdao Agricultural University  
 (11) AU-A-2020104044  
 (21) 2020104044 (22) 13.12.2020  
 (54) A method for identifying fur sheep breeds  
 (51) Int. Cl.  
*C14B 17/00* ( 2006.01 )  
*A01K 14/00* ( 2006.01 )  
*A01K 29/00* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )  
 (45) 25.02.2021  
 (72) Dong, Huansheng; Yanbin, Yanbin; Yan, Shuo; Zhang, Yuan  
 (74) Alder IP Pty Ltd

(71) Qingdao Agricultural University  
 (11) AU-A-2020104069  
 (21) 2020104069 (22) 14.12.2020  
 (54) Application of xMAP for Detecting Pseudorabies Virus Antibodies  
 (51) Int. Cl.  
*G01N 33/543* ( 2006.01 )  
*C07K 14/03* ( 2006.01 )  
*C07K 16/08* ( 2006.01 )  
*G01N 33/533* ( 2006.01 )  
*G01N 33/569* ( 2006.01 )  
 (45) 25.02.2021  
 (72) Li, Guimei; Shan, Hu; Xia, Liye; Jiang, Yan  
 (74) Alder IP Pty Ltd

(71) Qingdao Agricultural University  
 (11) AU-A-2020104073  
 (21) 2020104073 (22) 14.12.2020  
 (54) A Chinese Herbal Medicine Health-care Oral Liquid Specially Fermented by Compound Probiotics for Mink and Its Preparation Method  
 (51) Int. Cl.  
*A61K 36/287* ( 2006.01 )  
*A61K 35/747* ( 2015.01 )  
*A61K 36/315* ( 2006.01 )  
*A61K 36/355* ( 2006.01 )  
*A61K 36/481* ( 2006.01 )  
*A61K 36/634* ( 2006.01 )  
*A61P 1/12* ( 2006.01 )  
*A61P 31/12* ( 2006.01 )  
*A61P 37/04* ( 2006.01 )  
 (45) 25.02.2021  
 (72) Wen, Jianxin; Zhuang, Guiyu  
 (74) Alder IP Pty Ltd

(71) Quantum Engineering oy ltd  
 (11) AU-A-2020103830  
 (21) 2020103830 (22) 02.12.2020  
 (54) Personal Ozoniser sterilising viruses  
 (51) Int. Cl.  
*A61L 9/015* ( 2006.01 )  
 (45) 25.02.2021  
 (72) Hoover, Jack  
 (74) Quantum Engineering oy ltd

R, M.S. see B, S.  
 (21) 2020103426

R, S. see M, C.  
 (21) 2020104072

Raamesh, L. see M, C.  
 (21) 2020104072

raj, ..B. see Bhavani, D.D.  
 (21) 2020104035

RAJ, S. see SUNEETHA, A.  
 (21) 2020104023

RAJASEKHAR, S. see SUNEETHA, A.  
 (21) 2020104023

RAJINI, G. see HUMCEN CO  
 (21) 2020104070

Rajulu G, G. see Bhavani, D.D.  
 (21) 2020104035

Ranga Babu, T. see Bhavani, D.D.  
 (21) 2020104035

Rani, S. see Kumar, N.  
 (21) 2020104033

Rao, M.V. see Bhavani, D.D.  
 (21) 2020104035

Rasveen, M. see Kumar, N.  
 (21) 2020104033

Rathore, R. see Gupta, N.  
 (21) 2020104030

REDDY, K. see SUNEETHA, A.  
 (21) 2020104023

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 (21) 2020104023

S, M. see B, S.  
 (21) 2020103426

Sabharwal Gupta, K. see Gopal Nagpure, S.  
 (21) 2020104028

SABITHA, R. see HUMCEN CO  
 (21) 2020104070

(71) Sahoo, S.  
 (11) AU-A-2020104029  
 (21) 2020104029 (22) 12.12.2020  
 (54) A SYSTEM AND A PROCESS FOR EVALUATING DIELECTRIC RELAXATION IN DIPOLAR LIQUIDS  
 (51) Int. Cl.  
*G01N 27/02* ( 2006.01 )  
*G01R 27/26* ( 2006.01 )  
 (45) 25.02.2021  
 (72) Sahoo, Swagatadeb  
 (74) Swagatadeb Sahoo

Saini, A.K. see Saini, D.V.  
 (21) 2020104074

Saini, R.V. see Saini, D.V.  
 (21) 2020104074

(71) Saini, D.V.; Porwal, D.O.; Saini, A.K.; Saini, R.V.; Kala, D.; Anwer, E.T.; Maiti, N.  
 (11) AU-A-2020104074  
 (21) 2020104074 (22) 14.12.2020  
 (54) Formulation of Multiple - Unit Tablet of Pantoprazole  
 (51) Int. Cl.  
*A61K 31/4439* ( 2006.01 )  
*A61K 9/28* ( 2006.01 )  
*A61K 47/02* ( 2006.01 )  
*A61K 47/26* ( 2006.01 )  
*A61K 47/32* ( 2006.01 )  
*A61P 1/04* ( 2006.01 )  
 (45) 25.02.2021  
 (72) Saini, Dr Vipin; Porwal, Dr. Omji; Saini, Adesh K; Saini, Reena V; Kala, Duran; Anwer, Esra Tariq; Maiti, Niladri  
 (74) IP NATION

(71) Salih Mohammed, A.; Balaji B, S.; Kovalenko, A.; Fareed Ibrahim, B.; Ismail Kh., T.; Qasim Alyousuf, F.Q.; Najat Ahmed, A.; Miran, A.Z.; Kumar V, K.; Zeyad Taha, O.  
 (11) AU-A-2020104032  
 (21) 2020104032 (22) 12.12.2020  
 (54) IAP- Recommender System: Items Selecting Recommender System Using AI- Based Programming (Recommender Dataset)  
 (51) Int. Cl.  
*G06Q 30/02* ( 2012.01 )  
*G06Q 30/06* ( 2012.01 )  
 (45) 25.02.2021  
 (72) Salih Mohammed, Amin; Balaji B, Saravana; Kovalenko, Andriy; Fareed Ibrahim, Banar; Ismail Kh., Teeba; Qasim Alyousuf, Farah Qasim; Najat Ahmed, Ahmed; Miran, Ara Zozan; Kumar V, Krishna; Zeyad Taha, Omeed  
 (74) Amin Salih Mohammed

SATHIYAVEL, C. see HUMCEN CO  
 (21) 2020104070

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**Saxena, S. see Prakash Shukla, A.**  
(21) 2020104034

**SHAHEEDHA, S. see SUNEETHA, A.**  
(21) 2020104023

(71) Shandong Provincial Center for Animal Disease Control and Prevention

(11) AU-A-2020104066

(21) 2020104066 (22) 14.12.2020

(54) Double fluorescent quantitative RT-PCR detection method for Classical swine fever virus and Bovine viral diarrhoea virus

(51) Int. Cl.

**C12Q 1/70** ( 2006.01 )

**C12Q 1/6883** ( 2018.01 )

(45) 25.02.2021

(72) Wang, Guisheng; Zhang, Hexiao; Wei, Xuehua; Tian, Ye; Li, Yujie; Zhang, Yue; Chen, Shumin; Sun, Shengfu; Chen, Jing; Tian, Fulin

(74) Shelston IP Pty Ltd.

(71) Shandong Shengquan New Materials Co., Ltd.

(11) AU-A-2020104104

(21) 2020104104 (22) 15.12.2020

(54) MASK

(51) Int. Cl.

**A41D 13/11** ( 2006.01 )

**A41D 31/02** ( 2019.01 )

(31) 202021116029.3 (32) 15.06.20 (33) CN

(45) 25.02.2021

(72) Tang, Diyuan; Tang, Feng; Yu, Yuanbo; Cui, Ersheng; Xu, Shunxiang; Li, Guangtao; Li, Xuwei

(74) Madderns Pty Ltd

**Sharma, A. see Prakash Shukla, A.**  
(21) 2020104034

**Sharma, S. see Prakash Shukla, A.**  
(21) 2020104034

**Sharma, S. see Prakash Shukla, A.**  
(21) 2020104034

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104083

(21) 2020104083 (22) 15.12.2020

(54) HANGING STRAP STRUCTURE WITH SELF-LOCKING FUNCTION

(51) Int. Cl.

**A45F 3/14** ( 2006.01 )

(31) 202022811828.9 (32) 27.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; XIA, Hongwei; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104084

(21) 2020104084 (22) 15.12.2020

(54) AUDIO MATCHING CONTROL CIRCUIT

(51) Int. Cl.

**H04S 7/00** ( 2006.01 )

(31) 202022805962.8 (32) 27.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; XIAO, Xiangao; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104085

(21) 2020104085 (22) 15.12.2020

(54) DOUBLE COAXIAL STEREO STRUCTURE

(51) Int. Cl.

**H04R 1/28** ( 2006.01 )

**H04R 1/02** ( 2006.01 )

(31) 202022805964.7 (32) 27.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; HAN, Youliang; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104086

(21) 2020104086 (22) 15.12.2020

(54) CONTROL CIRCUIT FOR SWITCHING SOUND EFFECT OF LOUDSPEAKER

(51) Int. Cl.

**H04R 5/02** ( 2006.01 )

**H04R 5/04** ( 2006.01 )

(31) 202022812067.9 (32) 27.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; XIAO, Xiangao; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104087

(21) 2020104087 (22) 15.12.2020

(54) HEADPHONE

(51) Int. Cl.

**H04R 1/10** ( 2006.01 )

**H04R 1/06** ( 2006.01 )

(31) 202022767833.4 (32) 25.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; CHEN, Yajun; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104088

(21) 2020104088 (22) 15.12.2020

(54) HEAD HOOP HEADPHONE STRUCTURE

(51) Int. Cl.

**H04R 1/10** ( 2006.01 )

(31) 202022815166.2 (32) 27.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; CHEN, Yajun; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104089

(21) 2020104089 (22) 15.12.2020

(54) HEADPHONE

(51) Int. Cl.

**H04R 1/10** ( 2006.01 )

(31) 202022768101.7 (32) 25.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; CHEN, Yajun; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104090

(21) 2020104090 (22) 15.12.2020

(54) HEADPHONE SYSTEM

(51) Int. Cl.

**H02K 7/00** ( 2006.01 )

**H04R 5/033** ( 2006.01 )

**H04R 5/04** ( 2006.01 )

**H04R 25/00** ( 2006.01 )

(31) 202022780526.X (32) 25.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; CHEN, Yajun; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104091

(21) 2020104091 (22) 15.12.2020

(54) VOLUME ADJUSTMENT MECHANISM

(51) Int. Cl.

**H04R 1/00** ( 2006.01 )

(31) 202022839397.7 (32) 30.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; YANG, Zhenhua; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104092

(21) 2020104092 (22) 15.12.2020

(54) KEY COMBINATION RESET CIRCUIT

(51) Int. Cl.

**H03K 17/22** ( 2006.01 )

**G06F 1/24** ( 2006.01 )

(31) 202022774784.7 (32) 26.11.20 (33) CN

(45) 25.02.2021

(72) HE, Ding; LIU, Zhi; XIAO, Xiangao; ZHOU, Hailong

(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.

(11) AU-A-2020104093

(21) 2020104093 (22) 15.12.2020

(54) SMART SPEAKER

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(51) Int. Cl.  
**H04R 1/20** ( 2006.01 )  
**H04R 3/00** ( 2006.01 )  
**H04W 4/00** ( 2018.01 )  
(31) 202022784492.1 (32) 26.11.20 (33) CN  
(45) 25.02.2021  
(72) HE, Ding; LIU, Zhi; XIONG, Ting;  
ZHOU, Hailong  
(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.  
(11) AU-A-2020104094  
(21) 2020104094 (22) 15.12.2020  
(54) Pedometer  
(51) Int. Cl.  
**G01C 22/00** ( 2006.01 )  
(31) 202022758936.4 (32) 25.11.20 (33) CN  
(45) 25.02.2021  
(72) HE, Ding; LIU, Zhi; CHEN, Yajun;  
ZHOU, Hailong  
(74) Remarkable IP

(71) Shenzhen Thousandshores Technology Co., Ltd.  
(11) AU-A-2020104095  
(21) 2020104095 (22) 15.12.2020  
(54) HEADPHONE SYSTEM  
(51) Int. Cl.  
**H04R 1/10** ( 2006.01 )  
**H04R 5/033** ( 2006.01 )  
(31) 202022771159.7 (32) 25.11.20 (33) CN  
(45) 25.02.2021  
(72) HE, Ding; LIU, Zhi; CHEN, Yajun;  
ZHOU, Hailong  
(74) Remarkable IP

(71) SHIHEZI UNIVERSITY  
(11) AU-A-2020104068  
(21) 2020104068 (22) 14.12.2020  
(54) METHOD FOR ZONE-BASED MANAGEMENT OF SOIL NUTRIENTS OF CULTIVATED LAND BASED ON GEOGRAPHIC INFORMATION SYSTEM (GIS) AND REMOTE SENSING (RS)  
(51) Int. Cl.  
**A01C 21/00** ( 2006.01 )  
**A01B 79/00** ( 2006.01 )  
(45) 25.02.2021  
(72) ZHANG, Ze; LV, Xin; WANG, Haijiang;  
HOU, Tongyu; ZHANG, Qiang; MA, Lulu; CHEN, Xiangyu  
(74) Houlihan<sup>2</sup> Pty Ltd

(71) Sichuan Agricultural University  
(11) AU-A-2020104075  
(21) 2020104075 (22) 14.12.2020  
(54) A METHOD FOR IDENTIFICATION OF TRANSGENIC MAIZE HOMOZY-GOTES IN EARLY GENERATION  
(51) Int. Cl.  
**C12Q 1/6895** ( 2018.01 )  
(45) 25.02.2021  
(72) Shen, Yaou; Ma, Langlang  
(74) Alder IP Pty Ltd

(71) Sichuan Agricultural University  
(11) AU-A-2020104103  
(21) 2020104103 (22) 15.12.2020  
(54) The InDel molecular marker of the maize ear row number related gene GRMZM2G098557 and the application thereof  
(51) Int. Cl.  
**C12Q 1/6895** ( 2018.01 )  
(45) 25.02.2021  
(72) Ma, Langlang; Shen, Yaou  
(74) Alder IP Pty Ltd

(71) Sichuan Agricultural University  
(11) AU-A-2020104105  
(21) 2020104105 (22) 15.12.2020  
(54) SNP molecular marker and application of gene GRMZM2G098557 relative to maize ear row number  
(51) Int. Cl.  
**C12Q 1/6895** ( 2018.01 )  
(45) 25.02.2021  
(72) Ma, Langlang; Shen, Yaou  
(74) Alder IP Pty Ltd

(71) Sichuan Colorlink Co., Ltd.  
(11) AU-A-2020104077  
(21) 2020104077 (22) 14.12.2020  
(54) METHOD FOR REMOVING DISEASED LEAVES AND REGULATING ORNAMENTAL PERIOD OF ACER-ACEAE PLANT  
(51) Int. Cl.  
**A01N 47/36** ( 2006.01 )  
**A01G 7/06** ( 2006.01 )  
**A01N 57/04** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
**C05B 7/00** ( 2006.01 )  
(31) 202010922144.8 (32) 04.09.20 (33) CN  
(45) 25.02.2021  
(72) XIANG, Mingjian; SHEN, Xianglan;  
HE, Chengxiang; MA, Jianhua; WANG, Xiaohui; DING, Longmei; LI, Feihong;  
YANG, Xiaoxia; LI, Yang  
(74) Matthias Scholl Inc.

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(21) 2020104034

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(21) 2020104034

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(21) 2020104035

(71) Squiiz Pty Ltd  
(11) AU-A-2014101670  
(21) 2014101670 (22) 04.09.2014  
(54) Property proximity method and apparatus  
(51) Int. Cl.  
**G06Q 50/16** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
(31) 2014900739 (32) 05.03.14 (33) AU

(45) 25.02.2021  
(72) CHRISTIAN, Nicholas Stephen Charles  
(74) Davies Collison Cave Pty Ltd

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(21) 2020104070

(71) State Grid Energy Research Institute Co., Ltd.  
(11) AU-A-2020104067  
(21) 2020104067 (22) 14.12.2020  
(54) METHOD AND APPARATUS FOR ACQUIRING POWER CONSUMPTION IMPACT BASED ON IMPACT OF COVID-19 EPIDEMIC  
(51) Int. Cl.  
**G06Q 50/06** ( 2012.01 )  
(31) 202010994128.X (32) 21.09.20 (33) CN  
(45) 25.02.2021  
(72) LIU, Qing; WU, Shanshan; WANG, Xiang; WANG, Hong; ZHANG, Chuncheng; WU, Chenrui; WENG, Yuyan; TAN, Xiandong; SHAN, Baoguo; ZHANG, Chenglong; LI, Jiangtao; JI, Xingpei; DUAN, Jinhui; XU, Zhao; YAO, Li; ZHANG, Lili; JI, Guoqiang; LIU, Xiaocong; TANG, Wei  
(74) Baxter Patent Attorneys Pty Ltd

(71) SUNEETHA, A.; DEVARAPALLI, R.; GUMMADI, J.; REDDY, K.; SHAHEEDHA, S.; RAJ, S.; KRISHNA, K.; RAJASEKHAR, S.; REDDY, Y.; JOTHI, E.  
(11) AU-A-2020104023  
(21) 2020104023 (22) 11.12.2020  
(54) MACHINE LEARNING BASED BREAST CANCER DETECTION IN INTEGRATION WITH FUZZY LOGIC  
(51) Int. Cl.  
**G16H 50/70** ( 2018.01 )  
**G16H 50/00** ( 2018.01 )  
(45) 25.02.2021  
(72) SUNEETHA, ACHANTI; DEVARAPALLI, REBECCA FLORANCE; GUMMADI, JOSE MOSES; REDDY, K.BHASKAR; SHAHEEDHA, S.M.; RAJ, S.BRITO; KRISHNA, K.V.SWATHI; RAJASEKHAR, S.; REDDY, Y.DASTAGIRI; JOTHI, E. TAMIL  
(74) JAGANNATH JADHAV

T.D, S. see M, C.  
(21) 2020104072

T.V, N. see M, C.  
(21) 2020104072

(71) TechFresh Pty Ltd  
(11) AU-A-2020104098  
(21) 2020104098 (22) 15.12.2020  
(54) AN IMPROVED AIR TREATMENT APPARATUS  
(51) Int. Cl.



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- F24F 3/16* ( 2021.01 )  
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*F24F 3/044* ( 2006.01 )  
*F24F 3/14* ( 2006.01 )  
**(31)** 2019904739 **(32)** 16.12.19 **(33)** AU  
**(45)** 25.02.2021  
**(72)** North, Gary  
**(74)** FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD
- 
- (71)** University of Science & Technology  
 Beijing; Inner Mongolia Risheng Recyc-  
 ling Resource Co. Ltd.  
**(11)** AU-A-2020103445  
**(21)** 2020103445 **(22)** 26.11.2020  
**(54)** A Process to Extract Silica and Alumina  
 Compounds in Coal Gangue Separately  
 for Syntheses of a Series of Zeolite  
 Products  
**(51)** Int. Cl.  
*C01B 39/02* ( 2006.01 )  
*B09B 3/00* ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** Liu, Fengqin; Ke, Chaoyang; Xu, Zhiqi-  
 an; Wang, Zhiping; Gu, Songqing; Xie,  
 Mingzhuang; Yang, Guang; Lv, Han  
**(74)** Alder IP Pty Ltd
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**(21)** 2020104034
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- Vijayan, S. see Arjunan, D.T.**  
**(21)** 2020104031
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- Wang, C. see Ke, Y.**  
**(21)** 2020104047
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- (71)** XIANGYA HOSPITAL CENTRAL  
 SOUTH UNIVERSITY  
**(11)** AU-A-2020104027  
**(21)** 2020104027 **(22)** 12.12.2020  
**(54)** NASAL ADMINISTRATION AGENT OF  
 HEPARINS AND METHOD FOR PRE-  
 VENTING NOVEL CORONAVIRUS IN-  
 FECTIONS USING THE AGENT  
**(51)** Int. Cl.  
*A61K 31/14* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/727* ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** ZHANG, Wei; JIANG, Junyi  
**(74)** KINGS PATENT & TRADE MARKS AT-  
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- Yahya, M.Sc., ..I.M. see Arjunan, D.T.**  
**(21)** 2020104031
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- YAMINI, B. see HUMCEN CO**  
**(21)** 2020104070
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- Zeyad Taha, O. see Salih Mohammed, A.**  
**(21)** 2020104032
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- (71)** ZHEJIANG PROVINCIAL PEOPLE'S  
 HOSPITAL  
**(11)** AU-A-2020104046  
**(21)** 2020104046 **(22)** 13.12.2020  
**(54)** A method for extracting anti-tumor com-  
 pounds from *Actinidia eriantha* Benth.  
 root  
**(51)** Int. Cl.  
*C07C 67/56* ( 2006.01 )  
*A61K 36/185* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07C 62/32* ( 2006.01 )  
**(45)** 25.02.2021  
**(72)** Wang, Ying; Tong, Xiangmin; Zhang,  
 Lin; Zhou, Chaoting  
**(74)** Alder IP Pty Ltd

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<b>2014101670</b>	Squii Pty Ltd	<b>2020104058</b>	Lovely Professional University
<b>2015101991</b>	Cai, X.	<b>2020104059</b>	Lovely Professional University
<b>2020102683</b>	Institute of Zoology, Chinese Academy of Sciences	<b>2020104060</b>	Lovely Professional University
<b>2020102866</b>	Department of Neurosurgery, central theater General Hospital of PLA	<b>2020104061</b>	Lovely Professional University
<b>2020102894</b>	First Affiliated Hospital of Xi'an Jiaotong University; Beijing Normal University	<b>2020104062</b>	Lovely Professional University
<b>2020103426</b>	B, S.; M, R.; S, M.; J, V.; P, R.K.; R, M.S.; P, M.	<b>2020104063</b>	Lovely Professional University
<b>2020103445</b>	University of Science & Technology Beijing; Inner Mongolia Risheng Recycling Resource Co. Ltd.	<b>2020104064</b>	Chang'an university; Henan College of Transportation
<b>2020103830</b>	Quantum Engineering oy ltd	<b>2020104065</b>	Institute of Animal Science and Veterinary Medicine, Shandong Academy of Agricultural Sciences
<b>2020103999</b>	Moheimani, S.K.	<b>2020104066</b>	Shandong Provincial Center for Animal Disease Control and Prevention
<b>2020104022</b>	Nanjing Forestry University	<b>2020104067</b>	State Grid Energy Research Institute Co., Ltd.
<b>2020104023</b>	SUNEETHA, A.; DEVARAPALLI, R.; GUMMADI, J.; REDDY, K.; SHAHEEDHA, S.; RAJ, S.; KRISHNA, K.; RAJASEKHAR, S.; REDDY, Y.; JOTHI, E.	<b>2020104068</b>	SHIHEZI UNIVERSITY
<b>2020104024</b>	Institute of Applied Ecology, Chinese Academy of Sciences	<b>2020104069</b>	Qingdao Agricultural University
<b>2020104025</b>	Liuzhou Workers' Hospital	<b>2020104070</b>	HUMCEN CO; SATHIYAVEL, C.; RAJINI, G.; SABITHA, R.; NALINI, M.; YAMINI, B.; CHRISTO, M.S.; SRIRAM, S.; DAS, B.K.; ANAND, M.J.; KUMAR, S.; POORNIMA, A.
<b>2020104026</b>	Pagden, K.	<b>2020104071</b>	Nanjing Normal University
<b>2020104027</b>	XIANGYA HOSPITAL CENTRAL SOUTH UNIVERSITY	<b>2020104072</b>	M, C.; M, R.B.; B.S, N.; T.V, N.; B, P.; Raamesh, L.; C, V.K.; R, S.; T.D, S.; H, U.P.
<b>2020104028</b>	Gopal Nagpure, S.; Kumar, S.S.; H, M.; Lahiri, A.; Ameen, M.; Elyas Mubeen, S.; Javed, G.T.; Aravind Kumar, M.; Sabharwal Gupta, K.; N. Thune, N.	<b>2020104073</b>	Qingdao Agricultural University
<b>2020104029</b>	Sahoo, S.	<b>2020104074</b>	Saini, D.V.; Porwal, D.O.; Saini, A.K.; Saini, R.V.; Kala, D.; Anwer, E.T.; Maiti, N.
<b>2020104030</b>	Gupta, N.; Kumar Gola, K.; Dhingra, M.; Anand, N.; Rathore, R.; Bandhu Rastogi, S.; Arya, S.	<b>2020104075</b>	Sichuan Agricultural University
<b>2020104031</b>	Arjunan, D.T.; Bin Sopian, D.T.D.K.; Yahya. M.Sc. ,I.M.; Gupta, P.K.; Vijayan, S.; Matheswaran, M.	<b>2020104077</b>	Sichuan Colorlink Co., Ltd.
<b>2020104032</b>	Salih Mohammed, A.; Balaji B, S.; Kovalenko, A.; Fareed Ibrahim, B.; Ismail Kh., T.; Qasim Alyousuf, F.Q.; Najat Ahmed, A.; Miran, A.Z.; Kumar V, K.; Zeyad Taha, O.	<b>2020104082</b>	INSTITUTE OF MEDICAL BIOLOGY CHINESE ACADEMY OF MEDICAL SCIENCES; Peking Union Medical College Hospital
<b>2020104033</b>	Kumar, N.; Mehrotra, T.; Kumar Saini, D.; Chandra Sharma, P.; Pundhir, P.; Mallampati, D.; Rani, S.; Rasveen, M.; Kumar, S.; Kumar Bhagat, S.; Kumar Sarkar, B.	<b>2020104083</b>	Shenzhen Thousandshores Technology Co., Ltd.
<b>2020104034</b>	Prakash Shukla, A.; Singh, S.; Saxena, S.; Bhardwaj, A.; Kumar Yadav, P.; Bhardwaj, M.; Sharma, A.; Sharma, S.; Sharma, S.; Singh, A.; Vaishali Rastogi, K.; Kumar Sarkar, ..B.	<b>2020104084</b>	Shenzhen Thousandshores Technology Co., Ltd.
<b>2020104035</b>	Bhavani, D.D.; Ranga Babu, T.; Murthy, T.S.; Krishna Varma, N.M.; Sivaprasad, P.; Rajulu G, G.; Rao, M.V.; Chordiya, ..S.B.; raj, ..B.	<b>2020104085</b>	Shenzhen Thousandshores Technology Co., Ltd.
<b>2020104036</b>	P.M, D.; P.B, R.; A, S.; M, J.	<b>2020104086</b>	Shenzhen Thousandshores Technology Co., Ltd.
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<b>2020104046</b>	ZHEJIANG PROVINCIAI PEOPLE'S HOSPITAL	<b>2020104096</b>	Plant Protection Research Institute, Guangxi Academy of Agricultural Sciences
<b>2020104047</b>	Ke, Y.; Wang, C.; He, Y.	<b>2020104098</b>	TechFresh Pty Ltd
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2020104096	2020104046 2020104056 2020104060 2020104073	2020104042 2020104046 2020104047	2020104040 2020104077	2020102683 2020102894 2020104049 2020104065	2020104031
<b><u>A01K 14 /-</u></b>	<b><u>A61K 37 /-</u></b>	<b><u>A61P 37 /-</u></b>	<b><u>C05C 3 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>F24S 80 /-</u></b>
2020104044	2020104065 2020104082	2020104065 2020104073	2020104040	2020102683	2020104031
<b><u>A01K 29 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>A62C 37 /-</u></b>	<b><u>C05C 9 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>F26B 15 /-</u></b>
2020104044	2020104060	2020104061	2020104040	2020104071	2020104062
<b><u>A01N 47 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>B01D 35 /-</u></b>	<b><u>C05D 1 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>F26B 20 /-</u></b>
2020104077	2020104065 2020104082	2020103426	2020104040	2020104024 2020104066 2020104075 2020104096 2020104103 2020104105	2020104062
<b><u>A01N 57 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>B01J 20 /-</u></b>	<b><u>C05D 9 /-</u></b>	<b><u>C12R 1 /-</u></b>	<b><u>F26B 25 /-</u></b>
2020104077	2020104042 2020104047 2020104060 2020104074	2020104064	2020104040	2020102683 2020102894 2020104049	2020104062
<b><u>A01P 21 /-</u></b>	<b><u>A61K 49 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>C05F 11 /-</u></b>	<b><u>C14B 17 /-</u></b>	<b><u>F26B 3 /-</u></b>
2020104077	2020104027 2020104042 2020104056 2020104060 2020104063 2020104065 2020104074	2020103445	2020104040	2020104044	2020104062
<b><u>A24B 3 /-</u></b>	<b><u>A61L 9 /-</u></b>	<b><u>B09C 1 /-</u></b>	<b><u>C05F 17 /-</u></b>	<b><u>E03B 9 /-</u></b>	<b><u>G01C 22 /-</u></b>
2020104101	2020104027 2020104042 2020104056 2020104060 2020104063 2020104074	2020104048	2020104040	2020104061	2020104094
<b><u>A24B 9 /-</u></b>	<b><u>A61L 11 /-</u></b>	<b><u>B60K 28 /-</u></b>	<b><u>C05F 3 /-</u></b>	<b><u>E06B 11 /-</u></b>	<b><u>G01J 5 /-</u></b>
2020104101	2020104049	2020104057	2020104040 2020104048	2020104030	2020104070
<b><u>A41D 13 /-</u></b>	<b><u>A61L 2 /-</u></b>	<b><u>B60K 35 /-</u></b>	<b><u>C07B 43 /-</u></b>	<b><u>E21B 1 /-</u></b>	<b><u>G01M 3 /-</u></b>
2020104104	2020104054	2020103426	2020104047	2020104043	2020104058
<b><u>A41D 31 /-</u></b>		<b><u>B60W 40 /-</u></b>	<b><u>C07C 62 /-</u></b>		<b><u>G01N 1 /-</u></b>
2020104104		2020104057	2020104046		2020104038
<b><u>A45F 3 /-</u></b>			<b><u>C07C 67 /-</u></b>		<b><u>G01N 19 /-</u></b>
2020104083			2020104046		2020104038
<b><u>A47G 19 /-</u></b>					
2020104037					

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<b><u>G01N 27 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H04M 11 /-</u></b>
2020104029	2014101670	2020104061
<b><u>G01N 33 /-</u></b>	2020104059	
	2020104067	<b><u>H04R 1 /-</u></b>
2020104069	<b><u>G06T 7 /-</u></b>	2020104085
2020104071	2020104036	2020104087
<b><u>G01P 3 /-</u></b>	<b><u>G07C 5 /-</u></b>	2020104088
2020103999	2020103426	2020104089
<b><u>G01R 27 /-</u></b>	<b><u>G07C 9 /-</u></b>	2020104091
2020104029	2020104030	2020104093
<b><u>G01R 31 /-</u></b>	<b><u>G08B 3 /-</u></b>	2020104095
2020104055	2020104052	<b><u>H04R 25 /-</u></b>
<b><u>G01W 1 /-</u></b>	<b><u>G08C 17 /-</u></b>	2020104090
2020104025	2020104055	<b><u>H04R 3 /-</u></b>
<b><u>G02B 6 /-</u></b>	2020104070	2020104093
2020104099	<b><u>G16H 50 /-</u></b>	<b><u>H04R 5 /-</u></b>
<b><u>G06F 1 /-</u></b>	2020104023	2020104086
2020104051	2020104025	2020104090
2020104092	<b><u>G16Y 10 /-</u></b>	2020104095
<b><u>G06F 16 /-</u></b>	2020104051	<b><u>H04S 7 /-</u></b>
2020104035	<b><u>G16Y 20 /-</u></b>	2020104084
2020104100	2020104059	<b><u>H04W 4 /-</u></b>
<b><u>G06F 40 /-</u></b>	<b><u>G16Y 40 /-</u></b>	2020104057
2020104035	2020104051	2020104070
2020104041	2020104059	2020104093
<b><u>G06K 9 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H04W 84 /-</u></b>
2020104033	2020104070	2020104061
2020104044	<b><u>H01M 4 /-</u></b>	<b><u>H04W 88 /-</u></b>
<b><u>G06N 20 /-</u></b>	2020104070	2020104055
2020104034	<b><u>H01S 3 /-</u></b>	<b><u>No IPC Mark</u></b>
2020104035	2020104039	
<b><u>G06N 3 /-</u></b>	<b><u>H02G 1 /-</u></b>	
2020104028	2020104055	
2020104035	<b><u>H02K 7 /-</u></b>	
<b><u>G06Q 20 /-</u></b>	2020104090	
2020103426	<b><u>H02M 3 /-</u></b>	
<b><u>G06Q 30 /-</u></b>	2020104072	
2014101670	<b><u>H03K 17 /-</u></b>	
2020104032	2020104092	
2020104035	<b><u>H04L 12 /-</u></b>	
2020104041	2020104034	
<b><u>G06Q 40 /-</u></b>		
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**G01S 5/02** ( 2010.01 )  
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 (54) Method for obtaining a brass billet with reduced lead content and the billet thus obtained  
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**C22C 9/04** ( 2006.01 )  
**B22D 7/00** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
**C22F 1/08** ( 2006.01 )  
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 (51) Int. Cl.  
**F16B 7/04** ( 2006.01 )  
**F16C 11/04** ( 2006.01 )  
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 (31) 1857760 (32) 29.08.18 (33) FR  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )  
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 (43) 30.01.2020  
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 (51) Int. Cl.  
**G06F 16/26** ( 2019.01 )  
**G06F 16/242** ( 2019.01 )  
**G06F 16/25** ( 2019.01 )  
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 (21) 2019314334 (22) 30.07.2019  
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 (51) Int. Cl.  
**A61M 60/50** ( 2021.01 )  
**A61B 5/026** ( 2006.01 )  
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 (31) 16/050,542 (32) 31.07.18 (33) US  
 (43) 06.02.2020  
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 (51) Int. Cl.  
**C07D 239/47** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 (11) AU-A-2019314262  
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**G02C 7/04** ( 2006.01 )  
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 (31) 62/711,909 (32) 30.07.18 (33) US  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2019299351 (22) 02.07.2019  
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 (51) Int. Cl.  
**H05B 33/08** ( 2020.01 )  
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 (31) 16/027,471 (32) 05.07.18 (33) US  
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**E04G 17/06** ( 2006.01 )  
**E04G 17/065** ( 2006.01 )  
**E04G 17/075** ( 2006.01 )
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(31) 01115/18 (32) 18.09.18 (33) CH  
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- (43) 26.03.2020  
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(21) 2020210650 (22) 22.01.2020  
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- (51) Int. Cl.  
**G01N 23/223** ( 2006.01 )  
**G01B 15/02** ( 2006.01 )  
**G01N 23/2202** ( 2018.01 )
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- (43) 30.07.2020  
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(74) Michael Buck IP
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(11) AU-A-2019306541  
(21) 2019306541 (22) 16.07.2019  
(54) Address migration service
- (51) Int. Cl.  
**G06F 9/50** ( 2006.01 )
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(31) 16/036,804 (32) 16.07.18 (33) US  
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(21) 2019326252 (22) 16.01.2019  
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- (51) Int. Cl.  
**A61K 31/445** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )
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- (51) Int. Cl.  
**E01F 15/00** ( 2006.01 )  
**E01F 9/627** ( 2016.01 )  
**E01F 15/02** ( 2006.01 )
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**E02F 3/34** ( 2006.01 )  
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**E02F 9/20** ( 2006.01 )
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**C12N 9/90** ( 2006.01 )  
**C12P 19/02** ( 2006.01 )  
**C12P 19/24** ( 2006.01 )
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(54) Connected sanitaryware systems and methods
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**E03D 5/00** ( 2006.01 )  
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**E03D 9/00** ( 2006.01 )
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**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )
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**F24F 13/22** ( 2006.01 )
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**C22C 14/00** ( 2006.01 )  
**C22F 1/18** ( 2006.01 )
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**A47K 13/30** ( 2006.01 )  
**A47K 13/00** ( 2006.01 )  
**A47K 13/24** ( 2006.01 )  
**E03C 1/10** ( 2006.01 )  
**E03D 9/00** ( 2006.01 )
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**E21B 21/00** ( 2006.01 )  
**E21B 37/00** ( 2006.01 )  
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**(72)** LEROHL, David; NAZARENKO, Pavel;  
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**(74)** Patent Attorney Services
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**(54)** Valve and method  
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**E21B 34/10** ( 2006.01 )  
**(87)** WO2020/027937  
**(31)** 16/052,230 **(32)** 01.08.18 **(33)** US  
**(43)** 06.02.2020  
**(72)** STONE, Matthew  
**(74)** Patent Attorney Services
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- (71)** BASF SE  
**(11)** AU-A-2019316684  
**(21)** 2019316684 **(22)** 05.08.2019  
**(54)** Device comprising a pressure-bearing  
device shell and an interior scaffolding  
system  
**(51)** Int. Cl.  
**B01J 19/24** ( 2006.01 )  
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LOHR, Christopher Alec  
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 C12N 5/078 (2010.01)  
 A61K 39/395 (2006.01)  
 C07K 14/705 (2006.01)  
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 C07K 16/28 (2006.01)  
 C07K 16/32 (2006.01)

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**(51)** Int. Cl.  
**H02J 9/06** ( 2006.01 )  
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**H02J 3/32** ( 2006.01 )  
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**C07D 401/12** ( 2006.01 )  
**A61K 31/423** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
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**C07D 405/12** ( 2006.01 )  
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**(54)** Treatment of metastatic brain tumor by administration of antibody-drug conjugate  
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**A61K 31/4745** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**(11)** AU-A-2019319089  
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**A61K 31/00** ( 2006.01 )  
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**(31)** 62/716,630 **(32)** 09.08.18 **(33)** US  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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**B65G 47/71** ( 2006.01 )  
**B65G 47/244** ( 2006.01 )  
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**(51)** Int. Cl.  
**A62C 35/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**H02J 1/10** ( 2006.01 )  
**H02J 3/12** ( 2006.01 )  
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**G01R 19/10** ( 2006.01 )  
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 (51) Int. Cl.  
*C01B 15/01* ( 2006.01 )  
*A01N 25/22* ( 2006.01 )  
*A01N 59/00* ( 2006.01 )  
*C01B 15/037* ( 2006.01 )  
*C02F 1/72* ( 2006.01 )  
*C07C 53/08* ( 2006.01 )  
*C07C 409/26* ( 2006.01 )  
*C11D 3/39* ( 2006.01 )  
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 (51) Int. Cl.  
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*H04W 4/80* ( 2018.01 )  
*G06Q 10/08* ( 2012.01 )  
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 (54) Switching assembly, switching mechanism and gas cooker  
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*F23N 1/00* ( 2006.01 )  
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 (21) 2019341588 (22) 20.09.2019  
 (54) Heating zone with an illumination device for a cooking hob  
 (51) Int. Cl.  
*H05B 6/12* ( 2006.01 )  
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 (54) Monitoring system for a door of a domestic appliance and domestic appliance comprising such a system  
 (51) Int. Cl.  
*F24C 15/02* ( 2006.01 )  
*A47L 15/42* ( 2006.01 )  
*D06F 39/14* ( 2006.01 )  
*F24C 7/08* ( 2006.01 )  
*F25D 23/02* ( 2006.01 )  
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*F24C 15/02* ( 2006.01 )  
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*C07K 14/605* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 38/26* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*C07K 14/575* ( 2006.01 )  
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 (54) Methods of determining protein or peptide concentration and uses thereof  
 (51) Int. Cl.  
*G01N 33/68* ( 2006.01 )  
*G01N 24/08* ( 2006.01 )  
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*H04R 1/22* ( 2006.01 )  
*H04R 1/28* ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) A health promoting device  
 (51) Int. Cl.  
*A61F 7/02* ( 2006.01 )  
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 (43) 06.02.2020  
 (72) STRÖM, Viktor  
 (74) WRAYS PTY LTD
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 (21) 2019317604 (22) 08.08.2019  
 (54) Cost-efficient high energy density redox flow battery  
 (51) Int. Cl.  
*H01M 8/18* ( 2006.01 )  
*H01M 8/1018* ( 2016.01 )  
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 (31) 62/717,625 (32) 10.08.18 (33) US  
 (43) 13.02.2020  
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 (21) 2019319227 (22) 08.08.2019  
 (54) Cost-efficient high energy density redox flow battery  
 (51) Int. Cl.  
*H01M 8/18* ( 2006.01 )  
*H01M 8/1018* ( 2016.01 )  
 (87) WO2020/033760  
 (31) 62/717,625 (32) 10.08.18 (33) US  
 (43) 13.02.2020  
 (72) SONG, Yang  
 (74) WRAYS PTY LTD
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 (11) AU-A-2019319228  
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 (54) Methods and system for manufacturing a redox flow battery system by roll-to-roll processing  
 (51) Int. Cl.  
*H01M 8/0228* ( 2016.01 )  
*H01M 8/0213* ( 2016.01 )  
*H01M 8/0221* ( 2016.01 )  
*H01M 8/0247* ( 2016.01 )  
*H01M 8/18* ( 2006.01 )  
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 (21) 2019319954 (22) 08.08.2019  
 (54) Methods and system for manufacturing a redox flow battery system by roll-to-roll processing  
 (51) Int. Cl.  
*H01M 8/0245* ( 2016.01 )  
*H01M 8/0239* ( 2016.01 )  
*H01M 8/0273* ( 2016.01 )  
*H01M 8/18* ( 2006.01 )  
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 (11) AU-A-2019300427  
 (21) 2019300427 (22) 12.07.2019  
 (54) Odorless lid  
 (51) Int. Cl.  
*A47J 36/02* ( 2006.01 )  
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**G06F 15/177** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd
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**B29C 65/22** ( 2006.01 )
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**B02C 23/08** ( 2006.01 )  
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**A61K 35/747** ( 2015.01 )  
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(51) Int. Cl.  
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**A61P 31/18** ( 2006.01 )  
**C07D 473/34** ( 2006.01 )  
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**E01B 11/44** ( 2006.01 )  
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**G06T 17/05** ( 2011.01 )  
**E21C 41/16** ( 2006.01 )  
**G01S 17/89** ( 2020.01 )  
**G06T 7/37** ( 2017.01 )

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**(74)** Spruson & Ferguson

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 nications Corp., Ltd.  
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 terminal device

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**(74)** Shelston IP Pty Ltd.

**(71)** Guangdong Oppo Mobile Telecommu-  
 nications Corp., Ltd.  
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**(21)** 2019314850 **(22)** 10.04.2019  
**(54)** Random access method and device,  
 and computer storage medium

**(51)** Int. Cl.  
**H04W 74/08** ( 2009.01 )  
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**(43)** 06.02.2020  
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 Weijie  
**(74)** Shelston IP Pty Ltd.

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 nications Corp., Ltd.  
**(11)** AU-A-2019314851  
**(21)** 2019314851 **(22)** 10.04.2019  
**(54)** Random access method and related  
 device

**(51)** Int. Cl.  
**H04W 74/08** ( 2009.01 )  
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**(43)** 06.02.2020  
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 Ning; LU, Qianxi; YOU, Xin  
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 device, terminal device and network  
 device

**(51)** Int. Cl.  
**H04W 74/00** ( 2009.01 )  
**H04W 74/08** ( 2009.01 )  
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**(43)** 30.01.2020  
**(72)** YOU, Xin  
**(74)** Davies Collison Cave Pty Ltd

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 COMMUNICATIONS CORP., LTD.  
**(11)** AU-A-2018435267  
**(21)** 2018435267 **(22)** 02.08.2018  
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 radio resource selection and contention  
 indication in wireless communication  
 system

**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
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**(43)** 06.02.2020  
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**(74)** Davies Collison Cave Pty Ltd

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**(21)** 2018435773 **(22)** 08.08.2018  
**(54)** Information configuration method  
 and apparatus, terminal, and network  
 device

**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
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**(72)** WANG, Shukun  
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 COMMUNICATIONS CORP., LTD.  
**(11)** AU-A-2019310417  
**(21)** 2019310417 **(22)** 09.04.2019  
**(54)** Transmission resource determining  
 method and apparatus, and terminal  
 device

**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 72/12** ( 2009.01 )  
**(87)** WO2020/019756  
**(31)** 201810848244.3 **(32)** 27.07.18 **(33)** CN  
 201810866001.2 01.08.18 CN  
**(43)** 30.01.2020  
**(72)** XU, Weijie  
**(74)** Davies Collison Cave Pty Ltd

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 COMMUNICATIONS CORP., LTD.  
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**(21)** 2019310816 **(22)** 26.07.2019  
**(54)** Random access method and apparatus

**(51)** Int. Cl.  
**H04W 74/00** ( 2009.01 )  
**(87)** WO2020/020335  
**(31)** 201810846923.7 **(32)** 27.07.18 **(33)** CN  
**(43)** 30.01.2020  
**(72)** XU, Weijie  
**(74)** Davies Collison Cave Pty Ltd

**(71)** GUANGDONG OPPO MOBILE TELE-  
 COMMUNICATIONS CORP., LTD.  
**(11)** AU-A-2019310936  
**(21)** 2019310936 **(22)** 11.04.2019  
**(54)** Random access method, terminal  
 device, network device, and storage  
 medium

**(51)** Int. Cl.  
**H04W 74/08** ( 2009.01 )  
**(87)** WO2020/019762  
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**H04W 74/08** ( 2009.01 )  
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**(54)** Data transmission method and device,  
 and terminal

**(51)** Int. Cl.  
**H04L 1/18** ( 2006.01 )  
**H04L 1/16** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
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**(54)** Policy mapping method and apparatus,  
 and terminal

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**H04W 8/24** ( 2009.01 )  
**H04W 48/18** ( 2009.01 )  
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**H04W 4/12** ( 2009.01 )  
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 C07K 19/00 (2006.01)
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 B01D 53/50 (2006.01)  
 B01D 53/52 (2006.01)  
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 A01B 79/02 (2006.01)  
 A01C 1/00 (2006.01)  
 A01G 17/00 (2006.01)

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**E02D 3/00** ( 2006.01 )
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(54) Sponge cake improver  
(51) Int. Cl.  
**A21D 2/18** ( 2006.01 )  
**A21D 6/00** ( 2006.01 )  
**A21D 13/24** ( 2017.01 )  
**A21D 13/80** ( 2017.01 )  
**A21D 15/02** ( 2006.01 )
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**A21D 2/18** ( 2006.01 )  
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**A21D 13/80** ( 2017.01 )  
**A23G 3/42** ( 2006.01 )
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**A61P 15/08** ( 2006.01 )  
**A61K 31/7064** ( 2006.01 )  
**C07H 19/048** ( 2006.01 )
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**C12Q 1/6806** ( 2018.01 )
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(51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )
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recovering carbon dioxide  
(51) Int. Cl.  
**B01D 53/04** ( 2006.01 )  
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**C01B 32/50** ( 2017.01 )
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method for manufacturing same  
(51) Int. Cl.  
**B01D 53/14** ( 2006.01 )  
**B01J 20/22** ( 2006.01 )  
**B01J 20/28** ( 2006.01 )  
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(51) Int. Cl.  
**A47J 37/07** ( 2006.01 )  
**A23B 4/044** ( 2006.01 )  
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evaporative cooler, and air purification  
systems  
(51) Int. Cl.  
**F24F 3/14** ( 2006.01 )  
**F24F 3/16** ( 2006.01 )  
**F24F 5/00** ( 2006.01 )
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(72) LEFERS, Ryan Michael; TESTER,  
Mark Alfred; LEIKNES, TorOve; HONG,  
Peiyong  
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method  
(51) Int. Cl.

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**A01G 9/24** ( 2006.01 )  
**F24F 5/00** ( 2006.01 )  
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**(54)** Display control system and display control method  
**(51)** Int. Cl.  
**H04N 7/18** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
**G09G 5/00** ( 2006.01 )  
**G09G 5/36** ( 2006.01 )  
**G09G 5/377** ( 2006.01 )  
**H04Q 9/00** ( 2006.01 )  
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**(21)** 2019294429 **(22)** 28.06.2019  
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**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**F04D 25/06** ( 2006.01 )  
**F04D 29/42** ( 2006.01 )  
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**(21)** 2019317997 **(22)** 07.08.2019  
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**(51)** Int. Cl.  
**A01D 89/00** ( 2006.01 )  
**A01B 63/111** ( 2006.01 )  
**A01D 78/10** ( 2006.01 )  
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**(21)** 2020207789 **(22)** 07.01.2020  
**(54)** Dispenser Unit for Liquid Products  
**(51)** Int. Cl.  
**A47K 5/12** ( 2006.01 )
- F16B 21/06** ( 2006.01 )  
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**(11)** AU-A-2019313159  
**(21)** 2019313159 **(22)** 30.07.2019  
**(54)** Lactation aid and breast tissue therapeutic device  
**(51)** Int. Cl.  
**A61H 15/02** ( 2006.01 )  
**A61F 7/00** ( 2006.01 )  
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**(21)** 2019361999 **(22)** 17.10.2019  
**(54)** Methods and compositions for treating oral mucositis  
**(51)** Int. Cl.  
**A61K 31/7042** ( 2006.01 )  
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**(54)** Hyaluronic acid filler having high viscoelasticity and high cohesiveness  
**(51)** Int. Cl.  
**A61L 27/20** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61L 27/52** ( 2006.01 )  
**A61L 27/54** ( 2006.01 )  
**C08L 5/08** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick
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**(21)** 2019302833 **(22)** 09.07.2019  
**(54)** Hyaluronic acid filler having high lift capacity and low injection force  
**(51)** Int. Cl.  
**A61L 27/20** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61L 27/52** ( 2006.01 )
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**(11)** AU-A-2019309447  
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**(54)** Method for determining an angle of a tool of a machine  
**(51)** Int. Cl.  
**E02F 3/30** ( 2006.01 )  
**E02F 3/32** ( 2006.01 )  
**E02F 3/345** ( 2006.01 )  
**E02F 3/43** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
**G01B 1/00** ( 2006.01 )  
**G01C 21/16** ( 2006.01 )  
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**(11)** AU-A-2019319837  
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**(54)** Method for diagnosis of dopaminergic and movement disorders  
**(51)** Int. Cl.  
**A61K 51/04** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
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**(31)** 62/715,338 **(32)** 07.08.18 **(33)** US  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(21)** 2019312799 **(22)** 29.07.2019  
**(54)** Method for the quality control of seed lots  
**(51)** Int. Cl.  
**C12Q 1/6806** ( 2018.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(11)** AU-A-2019312885  
**(21)** 2019312885 **(22)** 02.08.2019  
**(54)** Nickel-based alloy powder  
**(51)** Int. Cl.

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**(21)** 2019312566 **(22)** 30.07.2019  
**(54)** Supercapacitor power buffer for vehicle power system  
**(51)** Int. Cl.  
**B60L 53/20** ( 2019.01 )  
**B60L 3/00** ( 2019.01 )  
**B60L 53/53** ( 2019.01 )  
**B60L 53/55** ( 2019.01 )  
**B60W 30/14** ( 2006.01 )  
**H02M 3/156** ( 2006.01 )  
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**(72)** HSIEH, Chen-yu; POPOVICI, Catalin  
**(74)** Cotters Patent & Trade Mark Attorneys
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**(54)** System and method for extending path length of a wave signal using angle multiplexing  
**(51)** Int. Cl.  
**G01S 13/89** ( 2006.01 )  
**G01S 3/46** ( 2006.01 )  
**G02B 6/44** ( 2006.01 )  
**H01Q 7/08** ( 2006.01 )  
**H04J 14/04** ( 2006.01 )  
**H04Q 9/04** ( 2006.01 )  
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**(11)** AU-A-2019310430  
**(21)** 2019310430 **(22)** 23.07.2019  
**(54)** Use of an anti-CD2 antibody drug conjugate (ADC) in allogeneic cell therapy  
**(51)** Int. Cl.  
**A61K 31/195** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(72)** BOITANO, Anthony; COOKE, Michael  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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**(11)** AU-A-2019312200  
**(21)** 2019312200 **(22)** 23.07.2019  
**(54)** Use of anti-CD137 antibody drug conjugate (ADC) in allogeneic cell therapy  
**(51)** Int. Cl.  
**A61K 31/195** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**(72)** BOITANO, Anthony; COOKE, Michael  
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**(54)** Liquid dispenser with retractable spout  
**(51)** Int. Cl.  
**B65D 47/06** ( 2006.01 )  
**B67D 3/00** ( 2006.01 )  
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**(72)** MARCIANO, Robert; KUCHEL, Beau  
**(74)** Summit IP
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**(11)** AU-A-2019307923  
**(21)** 2019307923 **(22)** 18.07.2019  
**(54)** Shaving razor care apparatus  
**(51)** Int. Cl.  
**A46B 15/00** ( 2006.01 )  
**A45D 27/00** ( 2006.01 )  
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**(31)** 62/700,372 **(32)** 19.07.18 **(33)** US  
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**(43)** 23.01.2020  
**(72)** GRAHAM, Jean-Louis; GRAHAM, Yannique  
**(74)** James & Wells Intellectual Property
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**(21)** 2019297314 **(22)** 02.07.2019  
**(54)** Crystalline salts of 5-methyl-(6S)-tetrahydrofolic acid and L-valine ethyl ester  
**(51)** Int. Cl.  
**A61P 7/00** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07C 229/08** ( 2006.01 )  
**C07D 475/04** ( 2006.01 )  
**(87)** WO2020/007841  
**(31)** 18182281.8 **(32)** 06.07.18 **(33)** EP  
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**(74)** Davies Collison Cave Pty Ltd
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**(21)** 2019298572 **(22)** 02.07.2019  
**(54)** Crystalline salts of 5-methyl-(6S)-tetrahydrofolic acid and amino acid ethyl esters  
**(51)** Int. Cl.  
**C07D 475/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 19/10** ( 2006.01 )  
**A61P 25/24** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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 18182284.2 06.07.18 EP  
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**(72)** MOSER, Rudolf; GROEHN, Viola; BOEHNI STAMM, Ruth; BLATTER, Fritz; SZELAGIEWICZ, Martin  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Merck Sharp & Dohme Corp.; MSD International GmbH  
**(11)** AU-A-2019317549  
**(21)** 2019317549 **(22)** 05.08.2019  
**(54)** PRMT5 inhibitors  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2020/033288  
**(31)** 62/715,446 **(32)** 07.08.18 **(33)** US  
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**C25D 1/04** ( 2006.01 )  
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**(54)** Battery charger  
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**C10G 65/12** (2006.01)  
**C11B 3/02** (2006.01)  
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*G01N 25/12* ( 2006.01 )  
*G01N 27/02* ( 2006.01 )  
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*B01J 23/40* ( 2006.01 )  
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*A47G 19/22* ( 2006.01 )  
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2018434568	Ergostone AB	2019301556	Becton, Dickinson and Company
2018435267	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019302312	Beijing Tusen Weilai Technology Co., Ltd.
2018435773	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019302313	Beijing Tusen Weilai Technology Co., Ltd.
2018435973	ZTE Corporation	2019302454	Five Prime Therapeutics, Inc.; Bristol-Myers Squibb Company
2018436086	ACEA Therapeutics, Inc.; Hangzhou ACEA Pharmaceutical Research Co., Ltd.; Zhejiang ACEA Pharmaceuticals Co., Ltd.	2019302559	Marciano, R.
2018439679	O&M Halyard, Inc.	2019302564	Caroma Industries Limited; micas AG
2018441170	Heineken Supply Chain B.V.	2019302611	Sichuan Haisco Pharmaceutical Co., Ltd.
2018441502	Heineken Supply Chain B.V.	2019302642	Regeneron Pharmaceuticals, Inc.
2018442040	Electrolux Appliances Aktiebolag	2019302662	Momenta Pharmaceuticals, Inc.
2018444147	Halliburton Energy Services, Inc.	2019302833	LG Chem, Ltd.
2018448602	Halliburton Energy Services, Inc.	2019303030	F-Star Beta Limited
2018453334	Halliburton Energy Services, Inc.	2019303461	Suntory Holdings Limited
2018456081	Vihati Techno Health Private Limited	2019303489	Jiangnan Environmental Protection Group Inc.
2019213390	Auto Cleaning Toilet Seat USA, LLC	2019303727	Myosa Pty Ltd
2019274562	Benthic USA LLC	2019304599	Giuliani S.p.A.
2019294429	Koninklijke Philips N.V.	2019304854	Ocak, U.
2019296174	Shanghai Changchengyiyaokeji Company Limited	2019305215	Hercules LLC
2019296415	Huawei Technologies Co., Ltd.	2019305503	DU PLESSIS, J.
2019296969	Xolution GmbH	2019305588	Crown Equipment Corporation
2019296993	Xolution GmbH	2019305667	Schneider Electric Systems USA, Inc.
2019297314	Merck Patent GmbH	2019306165	Pierre Fabre Medicament
2019297315	Siemens Aktiengesellschaft	2019306282	Nutreco IP Assets B.V.
2019297361	Incyte Corporation	2019306541	Amazon Technologies Inc.
2019297445	EicOsis, LLC	2019306640	Beckman Coulter, Inc.
2019297447	Talis Clinical LLC	2019306655	SharkNinja Operating LLC
2019297453	Daiichi Sankyo Company, Limited; Sanford Burnham Prebys Medical Discovery Institute	2019306787	Glatt GmbH
2019297457	EDP Biotech Corporation	2019307774	Neste Oyj
2019297508	Arzeda Corp.	2019307846	Glatt GmbH
2019297515	University of Miami	2019307923	Meraki Partners LLC
2019297523	Orfan Biotech Inc.	2019307930	Evolved By Nature, Inc.
2019297677	Ukko Inc.	2019308180	GACW Incorporated
2019297721	Bosch Corporation	2019308210	Stabilus GmbH
2019297829	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019308729	Aspen Pumps Limited
2019297880	NTT DoCoMo, Inc.	2019309447	Liebherr-Mining Equipment Colmar SAS
2019298248	HyperStealth Biotechnology Corporation	2019309776	Zenbiv LLC
2019298307	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2019309948	Abexxa Biologics, Inc.
2019298330	The Coca-Cola Company	2019310359	The Governors of the University of Alberta
2019298572	Merck Patent GmbH	2019310417	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019298637	Thales	2019310430	Magenta Therapeutics, Inc.
2019298758	Metrion Biosciences Limited	2019310437	HERNANDEZ, D.
2019298989	Warsaw Orthopedic, Inc.	2019310763	Neste Oyj
2019298991	Warsaw Orthopedic, Inc.	2019310816	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019299093	Becton, Dickinson and Company	2019310936	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019299299	CABIO Biotech (Wuhan) Co., Ltd.	2019310985	Baker Hughes Holdings LLC
2019299351	Ahuratech LLC	2019311000	Eli Lilly and Company
2019299356	Woodstream Corporation	2019311070	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019299555	Cytoimmune Therapeutics, Inc.	2019311077	Magenta Therapeutics, Inc.

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2019311102	Torque Therapeutics, Inc	2019316242	King Abdullah University of Science and Technology
2019311965	Japan as represented by Director General of National Institute of Infectious Diseases; Sumitomo Dainippon Pharma Co., Ltd.	2019316332	DAIHEN Corporation
2019312200	Magenta Therapeutics, Inc.	2019316518	Novadelta - Comércio e Indústria de Cafés, Lda.
2019312280	Netflix, Inc.	2019316574	Lyteloo Technologies, LLC
2019312562	Curology, Inc.	2019316647	Juno Therapeutics, Inc.
2019312566	Lyft, Inc.	2019316684	BASF SE
2019312576	Cephalon, Inc.	2019316802	A.L.M.A.G. S.P.A. Azienda Lavorazioni Metallurgiche Ed Affini Grutti
2019312607	Carl Zeiss Meditec AG	2019316858	Moexa Pharmaceuticals Limited
2019312673	City of Hope	2019317180	Samyang Biopharmaceuticals Corporation
2019312759	Carl Zeiss Meditec AG	2019317440	Tempus Labs, Inc.
2019312799	Limagrain Europe	2019317549	Merck Sharp & Dohme Corp.; MSD International GmbH
2019312883	Willow Technologies Limited	2019317573	The Children's Hospital of Philadelphia
2019312885	LPW Technology Ltd	2019317585	Curt Manufacturing, LLC
2019313159	Lactamo Holdings Pty Ltd	2019317604	ESS Tech, Inc.
2019313193	Universidade da Beira Interior	2019317810	GlaxoSmithKline Intellectual Property (No.2) Limited; ViiV Healthcare Company
2019313327	Metso Minerals Industries, Inc.	2019317918	Fuji Oil Holdings Inc.
2019313490	King Abdullah University of Science and Technology	2019317997	Kverneland Group Kerteminde AS
2019313545	Bayer Aktiengesellschaft	2019318031	Chugai Seiyaku Kabushiki Kaisha
2019313547	Mucosa Innovations, S.L.	2019318083	Dragonfly Therapeutics, Inc.
2019313622	Panasonic Intellectual Property Corporation of America	2019318167	Choi, J.
2019313765	J-Oil Mills, Inc.	2019318183	Samsung Electronics Co., Ltd.
2019313899	J-Oil Mills, Inc.	2019318560	Juno Therapeutics, Inc.
2019313973	Mitsubishi Chemical Corporation; Japan Technological Research Association of Artificial Photosynthetic Chemical Process	2019318562	NILL, L.
2019314112	Silverline Group Limited	2019318584	Haier Smart Home Co., Ltd.
2019314127	Novadelta - Comércio e Indústria de Cafés, Lda.	2019318756	ARMAS, D.
2019314182	Exxonmobil Upstream Research Company	2019319089	Dalcor Pharma UK Ltd., Leatherhead, Zug Branch
2019314223	Thuuz, Inc.	2019319109	In3Bio Ltd.
2019314262	Acucela Inc.	2019319227	ESS Tech, Inc.
2019314293	Milwaukee Electric Tool Corporation	2019319228	ESS Tech, Inc.
2019314334	Abiomed, Inc.	2019319457	Haier Smart Home Co., Ltd.
2019314389	Nicoventures Trading Limited	2019319458	Haier Smart Home Co., Ltd.
2019314431	GetSet Surgical SA	2019319623	Theramir Ltd
2019314476	Jumpstart Fertility Pty Ltd; Life Biosciences, Inc.; MARCUCCIO, S.M.; JOYCE, R.D.; WATHIER, M.; DOLLE, R.; TUCKER, S.	2019319729	Ab Initio Technology LLC
2019314484	The Regents of The University of California	2019319766	GroundProbe Pty Ltd
2019314502	PureTech LYT, Inc.; Monash University	2019319837	LikeMinds, Inc.
2019314515	Trustees of Boston University	2019319857	Tessenderlo Group NV
2019314572	Futura Resources Limited	2019319946	Ouster, Inc.
2019314625	Ascentage Pharma (Suzhou) Co., Ltd.	2019319954	ESS Tech, Inc.
2019314699	Sandvik Mining and Construction Oy	2019319955	Minnetronix Neuro, Inc.
2019314774	Synthes GmbH	2019320072	Vertex Pharmaceuticals Incorporated
2019314850	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019320328	Wavelabs Solar Metrology Systems GmbH
2019314851	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019320572	Croall, P.
2019314915	Anhui Mingxin Metal Products Co., Ltd.	2019320610	Samsung Electronics Co., Ltd.
2019315032	7Hugs Labs SAS	2019320771	Illumina, Inc.; Illumina Cambridge Limited
2019315043	Ravagnan, G.; Bonucci, M.	2019320830	BeyondSpring Pharmaceuticals, Inc.
2019315114	Iwate Medical University Educational Foundation	2019321447	President and Fellows of Harvard College; Massachusetts Institute of Technology
2019315157	J-Oil Mills, Inc.	2019321536	Board of Regents, the University of Texas System
2019315177	Daiichi Sankyo Company, Limited	2019321613	Zapata Computing, Inc.
2019315215	Suntory Holdings Limited	2019321664	SIEGENTHALER, M.
2019315504	GetSet Surgical SA	2019321681	Vedanta Biosciences, Inc.
2019315561	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2019321775	Omxix Biopharmaceuticals Ltd.
2019315575	Eaton Intelligent Power Limited	2019321778	Touchlight IP Limited
2019315628	Virbac	2019321827	The Boots Company PLC
2019315657	Schreder S.A.	2019322204	Zodiac Pool Care Europe
2019315685	Bayer Aktiengesellschaft	2019322252	Ridha, H.
2019315702	Bayer Aktiengesellschaft	2019322265	Hortau Inc.
2019315758	V-Nova International Ltd	2019322315	Dr. Reddy's Laboratories Ltd.
2019315790	Baker Hughes Holdings LLC	2019322321	Ethicon, Inc.
2019315857	Shaw Development, LLC	2019322389	Goldschmidt Holding GmbH
2019315926	EnviroKure, Incorporated	2019322658	Jiangsu Lyvan Ecological Technology Co., Ltd.
2019315936	Northwestern University	2019322828	Merck Sharp & Dohme Corp.
2019316045	As America, Inc.	2019323122	Evercyte GmbH
2019316053	Eaton Intelligent Power Limited	2019323434	Wuhan Neurophth Biotechnology Limited Company
2019316094	Beam Therapeutics Inc.	2019323501	Wuhan Neurophth Biotechnology Limited Company
		2019323712	Xeniopro GmbH
		2019323939	Circa Group Limited
		2019324100	Exxonmobil Upstream Research Company
		2019324120	Eli Lilly and Company
		2019324286	Metafines.Co.Ltd.

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2019324734	Murdoch Childrens Research Institute	2019371756	Keowee Smokers & Grill Accessories LLC
2019324950	MESCO Inc.	2019372694	Research Institute of Innovative Technology for the Earth; Kawasaki Jukogyo Kabushiki Kaisha
2019325228	VMware, Inc.	2019375215	Kawasaki Jukogyo Kabushiki Kaisha
2019325356	Google LLC	2019390331	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019325568	Ecolab USA Inc.	2019397415	IMET Corporation
2019325661	PayPal, Inc.	2019399813	Beijing Focused Loong Technology Co., Ltd.
2019325668	Outset Medical, Inc.	2019400274	Green's Green Co., Ltd.
2019325702	Translate Bio, Inc.	2019422376	Changsha University of Science & Technology
2019325918	Abbott Diabetes Care Inc.	2019435041	China University of Mining and Technology
2019326170	Toray Industries, Inc.	2019436089	Shandong Huate Magnet Technology Co., Ltd
2019326252	Amicus Therapeutics, Inc.	2019455808	Qingdao University of Technology; Xinjiang Jiang Ning Light Industrial Machinery Engineering Technology Co.,Ltd.
2019326728	Siemens Energy Global GmbH & Co. Kg	2019456792	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019327472	Hendrickson USA, L.L.C.	2020207789	La Bottega dell'Albergo S.p.a.
2019328290	HCW Biologics, Inc.	2020210650	Allied Bioscience, Inc.
2019328313	HCW Biologics, Inc.	2020212651	MURRAY, A.
2019328567	HCW Biologics, Inc.	2020224417	Mitsubishi Heavy Industries, Ltd.
2019328575	HCW Biologics, Inc.	2020242352	FLANAGAN, M.J.; FLANAGAN, R.M.
2019329539	Valmont Industries, Inc.	2020244436	NEC Platforms, Ltd.
2019330347	National University of Singapore	2020256325	Prizeout Corp.
2019330719	Vestas Wind Systems A/S	2020260484	Coupang Corp.
2019330795	Bayer Healthcare LLC	2020269033	Webiotree Co., Ltd.
2019330972	Ralco Nutrition, Inc.	2020273135	First Data Corporation
2019330991	Blue Planet Systems Corporation	2020281109	Commercialisation Express Pty Ltd
2019331405	Watt Fuel Cell Corp.	2020286283	Sunflow, Inc.
2019331593	Renk Aktiengesellschaft	2020294300	Bionime Corporation; Bionime USA Corporation
2019332107	Oxford University Innovation Limited	2020301833	Eavor Technologies Inc.
2019332975	Smith & Nephew, Inc.; Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew Orthopaedics AG	2020302835	Pine IP Pty Ltd
2019333301	Wisconsin Alumni Research Foundation	2020314815	Changsha University of Science & Technology
2019333566	A. Raymond et Cie	2020314927	Remacro Machinery & Technology (Wujiang) Co., Ltd.
2019334039	Prof. Reymond & Hetzel GBR	2020317264	Chang'an University
2019336595	Northrop Grumman Systems Corporation		
2019337661	T.F.H. Publications, Inc.		
2019338628	Ellegaarden R&D IVS		
2019338678	Icare Finland Oy		
2019339092	IHI Corporation		
2019339127	Electrolux Appliances Aktiebolag		
2019339776	Spengler GmbH & Co. KG		
2019340455	ETH Zürich		
2019340624	JFE Steel Corporation		
2019341588	Electrolux Appliances Aktiebolag		
2019344240	Yungjin Pharm. Co., Ltd.		
2019344298	VDB B.V.		
2019344503	ALBANESE, P.		
2019344565	Immatix Biotechnologies GmbH		
2019345899	Mölnlycke Health Care AB		
2019346007	Société des Produits Nestlé S.A.		
2019346954	Nanjing Chervon Industry Co., Ltd.		
2019348372	Siemens Aktiengesellschaft		
2019348469	Fresenius Kabi Deutschland GmbH		
2019349429	salesforce.com, inc.		
2019349597	Hilti Aktiengesellschaft		
2019350488	Guerrieri, S.; Taplits, M.; Gramont, A.J.		
2019350496	ATI Properties LLC		
2019350694	salesforce.com, inc.		
2019351911	Capital One Services, LLC		
2019351930	Spengler GmbH & Co KG		
2019352586	Capital One Services, LLC		
2019352672	Electrolux Appliances Aktiebolag		
2019352896	Capital One Services, LLC		
2019353597	Electrolux Appliances Aktiebolag		
2019354609	JCM American Corporation		
2019355878	Capital One Services, LLC		
2019356134	Philip Morris Products S.A.		
2019358808	Valmont Industries, Inc.		
2019358874	Commonwealth Scientific and Industrial Research Organisation		
2019361999	Lakewood Amedex, Inc.		
2019365257	Dematic Corp.		
2019369728	Kawasaki Jukogyo Kabushiki Kaisha		
2019370125	Boston Scientific Limited		
2019371691	Komatsu Ltd.		

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2019317997	2019299356	2019371756	2019314389 2019356134	2019306655	2018439679 2019303727 2019310437 2019318167
<b><u>A01B 79 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A23D 7 /-</u></b>	<b><u>A24B 3 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61F 7 /-</u></b>
2019322658	2019313545 2019315702 2019325568	2019317918	2019314389	2019306655	<b><u>A61F 7 /-</u></b>
<b><u>A01C 1 /-</u></b>	<b><u>A01N 31 /-</u></b>	<b><u>A23F 3 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A61B 1 /-</u></b>	2018434568 2019313159
2019322658	2020302835	<b><u>A23G 3 /-</u></b>	2019314389	2019370125	<b><u>A61F 9 /-</u></b>
<b><u>A01D 34 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A45D 27 /-</u></b>	<b><u>A61B 17 /-</u></b>	2019312607
2019346954	2019313545 2019315702	2019304599 2019306282 2019330972 2019337661	2019307923	2018335583 2019298989 2019298991 2019304854 2019314774 2019315504 2019321664 2019322252 2019322321 2020294300	<b><u>A61H 15 /-</u></b>
<b><u>A01D 78 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A46B 15 /-</u></b>	<b><u>A61B 18 /-</u></b>	2019313159
2019317997	2019313545	2019306282 2019330972	2019307923	2018335583	<b><u>A61J 1 /-</u></b>
<b><u>A01D 89 /-</u></b>	<b><u>A01N 57 /-</u></b>	2019337661	<b><u>A47C 17 /-</u></b>	2019322252 2019322321 2020294300	2019348469
2019317997	2019315702	<b><u>A23K 40 /-</u></b>	<b><u>A47C 23 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61K 31 /-</u></b>
<b><u>A01G 17 /-</u></b>	<b><u>A01N 59 /-</u></b>	2019337661	2020314927	2018335583	2018436086 2019296174 2019297314 2019297361 2019297445 2019297453 2019298572 2019298758 2019299943 2019300161 2019300315 2019301542 2019302611 2019306787 2019307846 2019310430 2019311077 2019311102 2019312200 2019313547 2019314476 2019314502 2019314625 2019315043 2019315177 2019315561 2019315628 2019316858 2019317549 2019317573 2019319089 2019319109 2019319623 2019320830 2019322315 2019323712 2019324286 2019326252 2019344240 2019346007 2019361999
2019322658	<b><u>A01N 65 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A47C 4 /-</u></b>	<b><u>A61B 34 /-</u></b>	
<b><u>A01G 20 /-</u></b>	<b><u>A01N 65 /-</u></b>	2019337661	2020286283	2018431330 2019338678	
2019322658	<b><u>A01P 13 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61B 34 /-</u></b>	
<b><u>A01G 22 /-</u></b>	2020302835	2019330972 2019337661	2020286283	2019332975	
2019322658 2019400274	<b><u>A01P 13 /-</u></b>	<b><u>A23L 19 /-</u></b>	<b><u>A47G 19 /-</u></b>	<b><u>A61B 5 /-</u></b>	
2019313545 2019315702	2019313545 2019315702	2019317918	2019314127 2019316518 2020212651	2018456081 2019314334 2019319955 2019325918 2020294300	
<b><u>A01G 24 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47G 9 /-</u></b>	<b><u>A61B 50 /-</u></b>	
2019322658 2019400274	2019313545	2019303461 2019315215	2019309776	2018439679	
<b><u>A01G 25 /-</u></b>	<b><u>A01P 5 /-</u></b>	<b><u>A23L 21 /-</u></b>	<b><u>A47J 31 /-</u></b>	<b><u>A61C 7 /-</u></b>	
2019329539 2019358808	2019313545	2019304599	2019314127 2019316518 2019339776 2019351930	2019310437	
<b><u>A01G 27 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61F 13 /-</u></b>	
2019358808	2019313545	2020314815	2019300427	2019345899	
<b><u>A01G 7 /-</u></b>	<b><u>A21D 13 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61F 17 /-</u></b>	
2019322265	2019313765 2019313899 2019315157	2019299943 2019304599 2019324286 2019346007	2019371756	2018439679	
<b><u>A01G 9 /-</u></b>	<b><u>A21D 15 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A47K 13 /-</u></b>	<b><u>A61F 2 /-</u></b>	
2019316242 2019344298	2019313765	2019315215	2019213390	2019299812 2019302833 2019312607 2019312759 2019314431 2019315504	
<b><u>A01H 6 /-</u></b>	<b><u>A21D 2 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A61K 33 /-</u></b>	
2019297677	2019313765 2019313899 2019315157	2020314815	2019352672	2019300315	
<b><u>A01K 29 /-</u></b>	<b><u>A21D 6 /-</u></b>	<b><u>A23N 5 /-</u></b>			
2019399813	2019313765	2019455808			
<b><u>A01K 5 /-</u></b>	2019313765				
2020281109					

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2019322321	2019328313	<b><u>A61M 29/-</u></b>	<b><u>A61P 3/-</u></b>	<b><u>A63F 13/-</u></b>	2020242352
<b><u>A61K 35/-</u></b>	<b><u>A61K 48/-</u></b>	2019330795	2019297453	2019354609	<b><u>B03D 1/-</u></b>
2019304599	2019317573	<b><u>A61M 3/-</u></b>	2019311000	<b><u>B01D 19/-</u></b>	2019314572
2019317180	2019323434		2019326252		
2019320072	2019323501	2018439679		<b><u>B01D 19/-</u></b>	<b><u>B05B 3/-</u></b>
2019321681			<b><u>A61P 31/-</u></b>	2019315685	
2019324734	<b><u>A61K 51/-</u></b>	<b><u>A61M 5/-</u></b>	2019296174	<b><u>B01D 29/-</u></b>	2019358808
2019328567		2019312607	2019311965		<b><u>B07B 7/-</u></b>
2019330347	2019319837	2019330795	2019317810	2019315857	
			2019320830	<b><u>B01D 35/-</u></b>	2019314572
<b><u>A61K 36/-</u></b>	<b><u>A61K 8/-</u></b>	<b><u>A61M 60/-</u></b>			<b><u>B07C 5/-</u></b>
2019313547	2019299943		<b><u>A61P 35/-</u></b>	2019315857	
	2019300315	2019314334		<b><u>B01D 53/-</u></b>	2019297315
<b><u>A61K 38/-</u></b>	2019312562		2018436086		
	2019321827	<b><u>A61P 11/-</u></b>	2019297361		
2019297677	2020269033		2019301120	2019303489	<b><u>B22D 7/-</u></b>
2019300567		2019312576	2019301204	2019330991	
2019306165	<b><u>A61K 9/-</u></b>		2019302662	2019369728	2019316802
2019311000		<b><u>A61P 13/-</u></b>	2019303030	2019372694	
2019321775	2018355217		2019306165	2019375215	<b><u>B22F 9/-</u></b>
2019328290	2019299812	2019297523	2019309948		
2019328575	2019301542	<b><u>A61P 15/-</u></b>	2019310430	<b><u>B01D 69/-</u></b>	2019315936
2019346007	2019302833		2019311077		<b><u>B23K 101/-</u></b>
	2019306787	2019313547	2019312200	2019313973	
<b><u>A61K 39/-</u></b>	2019307846	2019314476	2019314625		<b><u>B23K 23/-</u></b>
	2019311102		2019315043	<b><u>B01D 71/-</u></b>	2019322389
2019297515	2019315043	<b><u>A61P 17/-</u></b>	2019315177		
2019299555	2019317180		2019315561	2019313973	<b><u>B23K 23/-</u></b>
2019299836	2019319623	2019300315	2019316858	<b><u>B01J 19/-</u></b>	2019322389
2019301120	2019321775	2019323712	2019318031		
2019301160	2019322315		2019319109	2019316684	<b><u>B25B 23/-</u></b>
2019301204		<b><u>A61P 19/-</u></b>	2019320830		
2019302454	<b><u>A61L 2/-</u></b>		2019323712	<b><u>B01J 20/-</u></b>	2018433025
2019302662		2019297314	2019324286		<b><u>B25F 5/-</u></b>
2019303030	2018355217	2019298572	2019330347	2019375215	
2019306165	<b><u>A61L 27/-</u></b>	<b><u>A61P 21/-</u></b>		<b><u>B01J 23/-</u></b>	2018433025
2019310430			<b><u>A61P 37/-</u></b>		
2019311077	2019299812	2019317573	2019298758	2019315936	<b><u>B29C 65/-</u></b>
2019311965	2019302833	2019323712	2019299836		
2019312200	2019333301		2019299943	<b><u>B01J 37/-</u></b>	2019348469
2019312576		<b><u>A61P 25/-</u></b>			
2019312673	<b><u>A61L 31/-</u></b>		<b><u>A61P 7/-</u></b>	2019315936	<b><u>B60B 27/-</u></b>
2019315177		2019297314			
2019318031	2019312607	2019297361	2019297314	<b><u>B02C 2/-</u></b>	2019308180
2019318083		2019297453	2019300161		
2019319109	<b><u>A61M 1/-</u></b>	2019297515		2019313327	<b><u>B60B 9/-</u></b>
2019320830		2019298572	<b><u>A61P 9/-</u></b>		
2019322828	2019325668	2019298758		<b><u>B02C 23/-</u></b>	2019308180
2019323122		2019302611	2019297314		
2019332107	<b><u>A61M 11/-</u></b>	2019319837	2019297361	2019314572	<b><u>B60D 1/-</u></b>
		2019324734	2019297453	<b><u>B02C 25/-</u></b>	2019317585
<b><u>A61K 41/-</u></b>	2019334039		2019298572		
		<b><u>A61P 27/-</u></b>	2019298758	2019313327	<b><u>B60G 11/-</u></b>
2018355217	<b><u>A61M 13/-</u></b>				
		2019315628	<b><u>A61Q 19/-</u></b>	<b><u>B03B 5/-</u></b>	2019327472
<b><u>A61K 45/-</u></b>	2019334039	2019323501			
			2019299943	2019314572	<b><u>B60G 17/-</u></b>
2019315628	<b><u>A61M 16/-</u></b>	<b><u>A61P 29/-</u></b>	2019300315	2019436089	
2019324286			2019304599		2019308180
	2019294429		2019312562	<b><u>B03B 7/-</u></b>	
<b><u>A61K 47/-</u></b>		2019297361	2019321827		<b><u>B60G 9/-</u></b>
	<b><u>A61M 25/-</u></b>	2019298758	2020269033	2019436089	
2019299836		2019299943			2019327472
2019302662	2019301556	2019301542	<b><u>A61Q 5/-</u></b>	<b><u>B03B 9/-</u></b>	
2019315177		2019302611			<b><u>B60L 3/-</u></b>
2019317180	<b><u>A61M 27/-</u></b>	2019310430	2019304599	2019314572	
2019318031		2019311077			2019312566
2019321775	2019319955	2019312200	<b><u>A62C 35/-</u></b>	<b><u>B03C 1/-</u></b>	
2019322315					
2019324286			2019305503	2019436089	



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<b><u>B60L 53 /-</u></b>	<b><u>B82Y 10 /-</u></b>	<b><u>C07D 205 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C10B 53 /-</u></b>
2019312566	2019321613	2019323712	2019297523	2019297677	2019323939
2019316332			2019300161	2019299555	
<b><u>B60P 3 /-</u></b>	<b><u>B82Y 40 /-</u></b>	<b><u>C07D 211 /-</u></b>	2019323712	2019310359	<b><u>C10G 3 /-</u></b>
2019314112	2019315936	2019323712		2019311000	2019307774
				2019320072	2019310763
<b><u>B60R 25 /-</u></b>	<b><u>C01B 15 /-</u></b>	<b><u>C07D 213 /-</u></b>	2019297453	2019321536	
2018430802	2019325568	2019323712	2019297523	2019323122	<b><u>C10G 65 /-</u></b>
			2019311102	2019328290	
<b><u>B60W 30 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07D 215 /-</u></b>	2019323712	2019328575	2019307774
2019312566	2019330991	2019311102		2019330347	
	2019369728			2019344565	<b><u>C10G 7 /-</u></b>
	2019372694	<b><u>C07D 233 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07K 16 /-</u></b>	2019307774
<b><u>B62D 3 /-</u></b>	<b><u>C02F 1 /-</u></b>	2019298758	2019297523	2019297515	<b><u>C10L 9 /-</u></b>
2019314112			2019344240	2019299555	
	2019300360	<b><u>C07D 239 /-</u></b>		2019301120	2019314572
<b><u>B64D 37 /-</u></b>	2019325568	2018436086	<b><u>C07D 453 /-</u></b>	2019301204	
2020224417			2019323712	2019302454	<b><u>C11B 3 /-</u></b>
	<b><u>C02F 3 /-</u></b>	<b><u>C07D 249 /-</u></b>		2019302642	
<b><u>B65D 17 /-</u></b>	2019397415	2019297523	<b><u>C07D 471 /-</u></b>	2019302662	2019307774
2019296969			2019297453	2019303030	2019310763
2019296993	<b><u>C04B 28 /-</u></b>	<b><u>C07D 263 /-</u></b>	2019316858	2019306165	
	2019313193	2019323712	2019317549	2019309948	<b><u>C11C 1 /-</u></b>
<b><u>B65D 25 /-</u></b>				2019312576	2019299299
2019305215	<b><u>C04B 35 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07D 473 /-</u></b>	2019312673	
	2019316684	2019323712	2019317810	2019318031	<b><u>C11C 3 /-</u></b>
<b><u>B65D 43 /-</u></b>	<b><u>C04B 40 /-</u></b>	2019344240		2019318083	
2020212651	2019313193	<b><u>C07D 295 /-</u></b>	<b><u>C07D 475 /-</u></b>	2019319109	2019299299
			2019297314	2019322828	2019307774
<b><u>B65D 47 /-</u></b>	<b><u>C05C 9 /-</u></b>	2019323712	2019298572	2019328313	
2019302559	2019319857	<b><u>C07D 305 /-</u></b>		<b><u>C07K 19 /-</u></b>	<b><u>C11D 3 /-</u></b>
			<b><u>C07D 487 /-</u></b>	2019328575	2019325568
<b><u>B65D 55 /-</u></b>	<b><u>C05F 17 /-</u></b>	2019323712	2019297361	<b><u>C07K 7 /-</u></b>	<b><u>C12C 11 /-</u></b>
2018355217	2019315926	<b><u>C07D 309 /-</u></b>	2019316858	2019300567	2018441502
			<b><u>C07D 493 /-</u></b>	2019344565	<b><u>C12C 12 /-</u></b>
<b><u>B65G 1 /-</u></b>	<b><u>C05F 3 /-</u></b>	2019323712	2019323939	<b><u>C08J 5 /-</u></b>	
2019305588	2019315926	<b><u>C07D 331 /-</u></b>		2019326170	2018441170
			<b><u>C07D 519 /-</u></b>		2018441502
<b><u>B65G 23 /-</u></b>	<b><u>C07C 229 /-</u></b>	2019323712	2019297361	<b><u>C08L 19 /-</u></b>	<b><u>C12C 5 /-</u></b>
2019348372	2019297314	<b><u>C07D 401 /-</u></b>		2020317264	2018441170
	2019302611	2019297453	<b><u>C07F 5 /-</u></b>	<b><u>C08L 5 /-</u></b>	<b><u>C12C 7 /-</u></b>
<b><u>B65G 43 /-</u></b>		2019297523	2019315561	2019299812	2018441502
2019348372	<b><u>C07C 233 /-</u></b>	2019314625		2019302833	
	2019323712	2019323712	<b><u>C07H 1 /-</u></b>	<b><u>C08L 89 /-</u></b>	<b><u>C12H 1 /-</u></b>
<b><u>B65G 47 /-</u></b>			2019296174	2019307930	2018441502
2019365257	<b><u>C07C 275 /-</u></b>	<b><u>C07D 403 /-</u></b>	2019325702		
	2019297445	2019297523	<b><u>C07H 13 /-</u></b>	<b><u>C08L 91 /-</u></b>	<b><u>C12H 3 /-</u></b>
<b><u>B65H 49 /-</u></b>		2019298758	2019300161	2020317264	2018441170
2019314112	<b><u>C07C 29 /-</u></b>	2019311102			<b><u>C12N 1 /-</u></b>
	2019313973	<b><u>C07D 405 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C08L 95 /-</u></b>	
<b><u>B67D 1 /-</u></b>			2019296174	2020317264	2019318031
2019298330	<b><u>C07C 409 /-</u></b>	2019297453	2019314476	<b><u>C09D 133 /-</u></b>	
2019314127		2019297523	2019317810		<b><u>C12N 15 /-</u></b>
2019316518	2019325568	2019314625	<b><u>C07H 21 /-</u></b>	2019305215	2019297677
		2019323712	2019321536		2019315114
<b><u>B67D 3 /-</u></b>	<b><u>C07C 53 /-</u></b>	<b><u>C07D 407 /-</u></b>	2019325702		2019316094
2019302559	2019325568	2019323712			2019316647
					2019318031
					2019319623

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2019320771	<b><u>C22C 14 /-</u></b>	<b><u>E02D 27 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>F03D 80 /-</u></b>	<b><u>F24C 15 /-</u></b>
2019321447					
2019323434	2019350496	2019318562	2018444147	2019330719	2019352672
2019323501			2019310985	2019331593	2019353597
2019325702	<b><u>C22C 19 /-</u></b>	<b><u>E02D 3 /-</u></b>			
2019328290			<b><u>E21B 19 /-</u></b>	<b><u>F04D 25 /-</u></b>	<b><u>F24C 7 /-</u></b>
2019332107	2019312885	2019322658			
2019340455	<b><u>C22C 30 /-</u></b>	<b><u>E02D 5 /-</u></b>	2019274562	2019294429	2019352672
<b><u>C12N 5 /-</u></b>			<b><u>E21B 21 /-</u></b>	<b><u>F04D 29 /-</u></b>	<b><u>F24F 13 /-</u></b>
	2019340624	2019318562			
2019299555	<b><u>C22C 37 /-</u></b>	<b><u>E02D 7 /-</u></b>	2019310985	2019294429	2019308729
2019318031			<b><u>E21B 23 /-</u></b>		<b><u>F24F 3 /-</u></b>
2019318560	2019340624	2019274562		<b><u>F15B 15 /-</u></b>	
2019320072			2018453334	2019308180	2019313490
2019330347	<b><u>C22C 38 /-</u></b>	<b><u>E02F 3 /-</u></b>			2019316242
<b><u>C12N 7 /-</u></b>			<b><u>E21B 33 /-</u></b>	<b><u>F16B 21 /-</u></b>	<b><u>F24F 5 /-</u></b>
	2019340624	2019309447			
2019332107	<b><u>C22C 9 /-</u></b>	2019314699	2018448602	2020207789	2019313490
		2019318756		2020286283	2019316242
<b><u>C12N 9 /-</u></b>		<b><u>E02F 9 /-</u></b>	<b><u>E21B 34 /-</u></b>		
	2019316802			<b><u>F16B 7 /-</u></b>	<b><u>F24S 30 /-</u></b>
2019297508	<b><u>C22F 1 /-</u></b>	2019309447	2018453334	2019333566	2019308210
2019314484		2019314699	2019315790		
2019316094	2019316802	2019318756	<b><u>E21B 37 /-</u></b>	<b><u>F16C 11 /-</u></b>	<b><u>F25D 23 /-</u></b>
2019340455	2019350496	2019371691			
<b><u>C12P 19 /-</u></b>	<b><u>C23C 10 /-</u></b>	<b><u>E03C 1 /-</u></b>	2019310985	2019333566	2019352672
			<b><u>E21B 41 /-</u></b>	<b><u>F16C 17 /-</u></b>	<b><u>F25D 25 /-</u></b>
2019297508	2019422376	2019213390			
2019321447	<b><u>C25C 7 /-</u></b>	<b><u>E03D 5 /-</u></b>	2018448602	2019331593	2019318584
<b><u>C12P 21 /-</u></b>			2019274562	<b><u>F16C 25 /-</u></b>	2019319457
	2019324950	2019316045	<b><u>E21B 43 /-</u></b>		2019319458
2019314484	<b><u>C25D 1 /-</u></b>	<b><u>E03D 9 /-</u></b>		2019331593	<b><u>F25J 1 /-</u></b>
2019318031			2019310985	<b><u>F16C 32 /-</u></b>	2019324100
<b><u>C12Q 1 /-</u></b>	2019324950	2019213390	2020301833		
	<b><u>C40B 40 /-</u></b>	2019316045	<b><u>E21B 44 /-</u></b>	2019331593	<b><u>F25J 5 /-</u></b>
2019312799		<b><u>E04B 1 /-</u></b>		<b><u>F16F 9 /-</u></b>	2019324100
2019315114	2019310359		2020301833		
2019316647	2019317440	2019349597	<b><u>E21B 47 /-</u></b>	2019308210	<b><u>F28D 15 /-</u></b>
2019317440				<b><u>F16H 63 /-</u></b>	2019331405
2019320771	<b><u>C40B 50 /-</u></b>	<b><u>E04B 2 /-</u></b>	2019435041		
2019321778			<b><u>E21B 7 /-</u></b>	2018430802	<b><u>F28F 7 /-</u></b>
2019324734	2019310359	2019349597		<b><u>F16L 15 /-</u></b>	2019331405
2019340455	<b><u>D06F 39 /-</u></b>	<b><u>E04D 1 /-</u></b>	2019274562		
<b><u>C12R 1 /-</u></b>			2020301833	2018444147	<b><u>F28F 9 /-</u></b>
	2019352672	2019318562	<b><u>E21C 41 /-</u></b>		
2019304599	<b><u>D06M 15 /-</u></b>	<b><u>E04D 13 /-</u></b>		<b><u>F21V 14 /-</u></b>	2019331405
<b><u>C21D 8 /-</u></b>			2019319766		
	2019307930	2019318562	<b><u>F01N 1 /-</u></b>	2019315657	<b><u>F41H 3 /-</u></b>
2019340624	<b><u>E01B 11 /-</u></b>	<b><u>E04F 11 /-</u></b>		<b><u>F21V 15 /-</u></b>	2019298248
<b><u>C21D 9 /-</u></b>			2019314515		
	2019322389	2019318562	<b><u>F02C 1 /-</u></b>	2019315657	<b><u>G01B 1 /-</u></b>
2019340624	<b><u>E01F 15 /-</u></b>	<b><u>E04G 17 /-</u></b>		<b><u>F22B 37 /-</u></b>	2019309447
	2019314915	2019344503	2020224417		
2019314572	<b><u>E01F 9 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>F02C 7 /-</u></b>	2019339092	<b><u>G01B 15 /-</u></b>
<b><u>C22B 1 /-</u></b>				<b><u>F23C 1 /-</u></b>	2020210650
	2019314915	2019322204	2020224417		
<b><u>C22B 7 /-</u></b>	<b><u>E02D 13 /-</u></b>	<b><u>E21B 15 /-</u></b>	<b><u>F02M 35 /-</u></b>	2019339092	<b><u>G01C 21 /-</u></b>
				<b><u>F23N 1 /-</u></b>	2019309447
2019316802	2019274562	2019274562	2019314515		
<b><u>C22C 1 /-</u></b>			<b><u>F02M 37 /-</u></b>	2019339127	<b><u>G01F 1 /-</u></b>
					2019299093
2019312885			2019315857		

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2019302564	<b><u>G01S 7 /-</u></b>		<b><u>G16H 10 /-</u></b>	2019316332	<b><u>H04N 21 /-</u></b>
<b><u>G01G 17 /-</u></b>	2019319946	<b><u>G06F 9 /-</u></b>	2019297447	<b><u>H02J 7 /-</u></b>	2019312280
2019399813	<b><u>G01V 1 /-</u></b>	2019306541	<b><u>G16H 20 /-</u></b>	2019314293	2019314223
<b><u>G01J 3 /-</u></b>	2019314182	2019325228		2019316332	<b><u>H04N 7 /-</u></b>
2018432369	<b><u>G01V 99 /-</u></b>	<b><u>G06K 13 /-</u></b>	2019297447	<b><u>H02J 9 /-</u></b>	2019371691
2018433124		2019331405	<b><u>G16H 40 /-</u></b>	2019316332	<b><u>H04Q 9 /-</u></b>
<b><u>G01K 7 /-</u></b>	2019314182	<b><u>G06N 10 /-</u></b>	2018456081	<b><u>H02M 3 /-</u></b>	2019316574
2019336595	<b><u>G02B 1 /-</u></b>	2019321613	<b><u>G16H 50 /-</u></b>	2019312566	2019371691
	2019298248	<b><u>G06N 20 /-</u></b>	2019332975	<b><u>H02S 50 /-</u></b>	<b><u>H04R 1 /-</u></b>
<b><u>G01N 21 /-</u></b>	<b><u>G02B 19 /-</u></b>	2019322265	<b><u>H01F 1 /-</u></b>	2019320328	2019338628
2018432369		<b><u>G06Q 10 /-</u></b>	2019306640	<b><u>H04B 1 /-</u></b>	<b><u>H04W 28 /-</u></b>
2018433124	2019315657	2018442040	<b><u>H01H 1 /-</u></b>	2019318183	2018431078
<b><u>G01N 23 /-</u></b>	<b><u>G02B 26 /-</u></b>	2019350694		2019313622	2018433296
2020210650	2019315657	2019352896	<b><u>H01H 50 /-</u></b>	<b><u>H04B 7 /-</u></b>	2019313622
<b><u>G01N 24 /-</u></b>	<b><u>G02B 27 /-</u></b>	2020260484		2018431078	<b><u>H04W 36 /-</u></b>
2019324120	2019298248	<b><u>G06Q 20 /-</u></b>	2019312883	<b><u>H04J 14 /-</u></b>	2018430794
<b><u>G01N 25 /-</u></b>	2019315657	2019352896	<b><u>H01H 51 /-</u></b>	2019325356	2019325356
2019336595	<b><u>G02B 3 /-</u></b>	2019355878	2019312883	<b><u>H04L 1 /-</u></b>	<b><u>H04W 4 /-</u></b>
	2019298248	<b><u>G06Q 30 /-</u></b>	<b><u>H01H 9 /-</u></b>	2018442040	2019305667
<b><u>G01N 27 /-</u></b>	<b><u>G02B 6 /-</u></b>	2020256325	2019312883	2019305667	2019350488
2019336595	2019316574	<b><u>G06Q 50 /-</u></b>	<b><u>H01L 27 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 40 /-</u></b>
<b><u>G01N 33 /-</u></b>	<b><u>G02C 7 /-</u></b>	2019297721	2019358874	2019305667	2019305667
2018433124		2019298330	<b><u>H01L 51 /-</u></b>	2019350488	<b><u>H04W 48 /-</u></b>
2019297457	2019314262	<b><u>G06T 17 /-</u></b>	2019358874	<b><u>H04L 25 /-</u></b>	2018430794
2019302642	<b><u>G05B 19 /-</u></b>	2019319766		2019320610	2019456792
2019306165		<b><u>G06T 19 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H04L 27 /-</u></b>	<b><u>H04W 72 /-</u></b>
2019310359	2019302312	2019319766	2019331405	2019320610	2018433296
2019314484	2019302564		<b><u>H01M 6 /-</u></b>	<b><u>H04L 29 /-</u></b>	2018435267
2019322828	2019348372	<b><u>G06T 5 /-</u></b>	2019331405	2019305667	2018435773
2019324120	<b><u>G05D 1 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01M 8 /-</u></b>	2019325228	2018435973
<b><u>G01R 19 /-</u></b>	2019302313	2019298637	2019317604	2019351911	2019297880
2019316053	2019305588		2019319227	2019352896	2019310417
<b><u>G01R 27 /-</u></b>	2019371691	<b><u>G06T 7 /-</u></b>	2019319227		2019313622
2019336595	<b><u>G05D 7 /-</u></b>	2019317440	2019319228	<b><u>H04L 5 /-</u></b>	2019390331
		2019319766	2019319954	<b><u>H04W 74 /-</u></b>	
<b><u>G01S 13 /-</u></b>	2019302564	<b><u>G07F 17 /-</u></b>	2019326728	2019296415	2018434435
2019316574	<b><u>G06F 15 /-</u></b>	2019354609	2019331405	2019320610	2019310816
<b><u>G01S 17 /-</u></b>	2020273135	<b><u>G07F 7 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H04L 9 /-</u></b>	2019310936
2019319766	<b><u>G06F 16 /-</u></b>	2019352586	2019318183	2019320572	2019311070
2019319946	2019319729	<b><u>G09G 5 /-</u></b>	<b><u>H01Q 7 /-</u></b>	2019352586	2019314850
<b><u>G01S 19 /-</u></b>	2019349429	2019371691	2019316574	<b><u>H04M 1 /-</u></b>	2019314851
	2019350694	<b><u>G10L 19 /-</u></b>	<b><u>H02J 1 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H04W 76 /-</u></b>
2019329539	<b><u>G06F 21 /-</u></b>	2019298307	2019315575	2019297829	2018432039
<b><u>G01S 3 /-</u></b>	2019319946	<b><u>G16B 40 /-</u></b>	<b><u>H02J 3 /-</u></b>	2019315758	2019325356
2019316574	2019325661	2019317440			2019456792
<b><u>G01S 5 /-</u></b>	2019352586	2019315575			
2019315032	<b><u>G06F 3 /-</u></b>	2019315575			
	2019350488				

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**H04W 84 /-**

2019305667

**H04W 88 /-**

2018430794

2019350488

**H04W 92 /-**

2019325356

**H05B 33 /-**

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**H05K 5 /-**

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 C07D 471/04 ( 2006.01 )  
 A61K 31/4375 ( 2006.01 )  
 A61K 31/4965 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
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 F25B 5/00 ( 2006.01 )  
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 A61B 5/00 ( 2006.01 )  
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**A61J 1/20** ( 2006.01 )  
**A61F 9/00** ( 2006.01 )  
**B65D 25/08** ( 2006.01 )  
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**C07D 205/04** ( 2006.01 )  
**C07D 295/32** ( 2006.01 )  
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**C07C 255/29** ( 2006.01 )  
**C07C 255/46** ( 2006.01 )  
**C07C 255/57** ( 2006.01 )  
**C07C 255/60** ( 2006.01 )  
**C07C 259/10** ( 2006.01 )  
**C07C 271/28** ( 2006.01 )  
**C07C 271/66** ( 2006.01 )  
**C07C 311/08** ( 2006.01 )  
**C07C 311/46** ( 2006.01 )  
**C07C 317/28** ( 2006.01 )  
**C07C 317/40** ( 2006.01 )  
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**C07C 331/12** ( 2006.01 )  
**C07C 381/10** ( 2006.01 )  
**C07D 205/04** ( 2006.01 )  
**C07D 207/10** ( 2006.01 )  
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**C07D 209/30** ( 2006.01 )  
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**C07D 209/44** ( 2006.01 )  
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**C07D 231/56** ( 2006.01 )  
**C07D 233/36** ( 2006.01 )  
**C07D 235/24** ( 2006.01 )  
**C07D 235/30** ( 2006.01 )  
**C07D 237/20** ( 2006.01 )

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**C07D 249/08** ( 2006.01 )  
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**C07D 277/62** ( 2006.01 )  
**C07D 277/82** ( 2006.01 )  
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**D21H 19/52** ( 2006.01 )  
**C08L 5/00** ( 2006.01 )  
**C08L 5/02** ( 2006.01 )  
**C09D 105/00** ( 2006.01 )  
**C09D 105/02** ( 2006.01 )  
**C09D 129/02** ( 2006.01 )  
**C09D 131/04** ( 2006.01 )  
**D06M 15/11** ( 2006.01 )  
**D21H 19/62** ( 2006.01 )



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**(43)** 04.05.2017  
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**D21H 13/20** ( 2006.01 )  
**C08B 37/00** ( 2006.01 )  
**C08L 5/00** ( 2006.01 )

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**G01P 5/165** ( 2006.01 )  
**G01F 1/46** ( 2006.01 )  
**G01F 15/18** ( 2006.01 )  
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**C22B 11/08** ( 2006.01 )  
**C22B 3/04** ( 2006.01 )  
**C22B 3/16** ( 2006.01 )  
**C22B 3/44** ( 2006.01 )  
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**A23B 4/20** ( 2006.01 )  
**A01N 31/02** ( 2006.01 )  
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**A23B 4/24** ( 2006.01 )  
**A23B 4/30** ( 2006.01 )  
**A23L 3/3508** ( 2006.01 )  
**A23L 3/3571** ( 2006.01 )  
**A23L 13/40** ( 2016.01 )  
**A61K 35/76** ( 2006.01 )  
**B05D 5/00** ( 2006.01 )  
**C02F 3/34** ( 2006.01 )  
**C07C 409/24** ( 2006.01 )

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**B01F 1/00** ( 2006.01 )

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**(71)** Ecole Normale Supérieure; Institut National de la Santé Et de la Recherche Médicale; Centre National De La Recherche Scientifique; Université Pierre et Marie Curie; Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris - ESPCI Paristech  
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**G01N 21/45** ( 2006.01 )  
**B82Y 35/00** ( 2011.01 )  
**G01B 9/02** ( 2006.01 )  
**G01N 15/14** ( 2006.01 )  
**G01N 21/47** ( 2006.01 )  
**G01N 33/569** ( 2006.01 )  
**G02B 21/00** ( 2006.01 )

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**(74)** Cotters Patent & Trade Mark Attorneys

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**(71)** EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG  
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**E06B 9/13** ( 2006.01 )  
**E05F 15/77** ( 2015.01 )  
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**(51)** Int. Cl.  
**H05B 45/10** ( 2020.01 )

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**(51)** Int. Cl.  
**A61M 5/315** ( 2006.01 )

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*A61K 31/513* (2006.01)  
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*A61P 31/20* (2006.01)  
*C07D 249/04* (2006.01)  
*C07D 401/12* (2006.01)  
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**(74)** Spruson & Ferguson

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**(11)** AU-B-2019222844  
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**(51)** Int. Cl.  
**G01N 33/497** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
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**(74)** Griffith Hack

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**(54)** Indolin-2-one derivatives  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
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**(54)** First response locator system  
**(51)** Int. Cl.  
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**A47G 29/12** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Flint Engineering Ltd  
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**(54)** Heat transfer apparatus  
**(51)** Int. Cl.  
**F25D 25/02** ( 2006.01 )  
**A47F 3/04** ( 2006.01 )  
**F25B 23/00** ( 2006.01 )  
**F25D 11/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**G01N 21/25** ( 2006.01 )  
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**G01N 30/74** ( 2006.01 )

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**(51)** Int. Cl.  
**C12P 13/04** ( 2006.01 )  
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**(72)** LI, Yuhua; GUARINO, Andrew J.  
**(74)** Spruson & Ferguson

**(71)** Freedom Solutions Group, LLC  
**(11)** AU-B-2019279987  
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**(54)** Automated document analysis comprising company name recognition  
**(51)** Int. Cl.  
**G06F 40/20** ( 2020.01 )  
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**(51)** Int. Cl.  
**B23B 7/00** ( 2006.01 )  
**E04F 10/00** ( 2006.01 )  
**E06B 9/24** ( 2006.01 )  
**E06B 9/40** ( 2006.01 )  
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**(54)** Air conditioner  
**(51)** Int. Cl.  
**F24F 13/22** ( 2006.01 )  
**F24F 1/00** ( 2011.01 )  
**F24F 11/30** ( 2018.01 )  
**F24F 11/62** ( 2018.01 )  
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**(71)** Fytekco  
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**(54)** Endotracheal tube insertion device  
**(51)** Int. Cl.  
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**(54)** Effective area metal loss clustering  
**(51)** Int. Cl.  
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**(72)** Farnie, Steven  
**(74)** Phillips Ormonde Fitzpatrick

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**(74)** Michael Buck IP

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**(54)** PD-1/PD-L1 inhibitors  
**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Gilead Sciences, Inc.  
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**(54)** MCL-1 inhibitors  
**(51)** Int. Cl.  
**A61K 31/553** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**A61N 1/04** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**A63B 21/00** ( 2006.01 )  
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**H04W 72/04** ( 2009.01 )  
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**H04W 36/08** ( 2009.01 )  
**H04W 76/00** ( 2018.01 )  
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**H04W 72/12** ( 2009.01 )  
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**H04L 1/22** ( 2006.01 )  
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**G06F 3/0488** ( 2013.01 )  
**G06F 21/32** ( 2013.01 )  
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**H04W 76/11** ( 2018.01 )  
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**A61C 3/02** ( 2006.01 )  
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**C08L 33/26** ( 2006.01 )  
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**A61P 17/02** ( 2006.01 )  
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**A61K 31/38** ( 2006.01 )  
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**A61P 17/06** ( 2006.01 )  
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**A61P 29/00** ( 2006.01 )  
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**C07C 69/67** ( 2006.01 )  
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 fahrzeuge GmbH  
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 mendation for a rail vehicle, assistance  
 system of a rail vehicle and rail vehicle  
**(51)** Int. Cl.  
**B61L 3/00** ( 2006.01 )  
**B60T 8/17** ( 2006.01 )  
**B60T 13/66** ( 2006.01 )  
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 proved melt and firmness and method  
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 on user interactions within a virtual en-  
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 least one water inlet  
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**A45D 19/16** ( 2006.01 )  
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**G05D 1/08** ( 2006.01 )  
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**B29C 65/00** ( 2006.01 )

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**C09K 8/02** ( 2006.01 )  
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**A47C 1/032** ( 2006.01 )  
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**A47C 7/14** ( 2006.01 )  
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**A47L 9/28** ( 2006.01 )  
**A47L 9/10** ( 2006.01 )  
**A47L 9/16** ( 2006.01 )  
**A47L 9/18** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )  
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**B25J 11/00** ( 2006.01 )  
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**H04W 28/06** ( 2009.01 )

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**A47L 11/20** ( 2006.01 )  
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**(51)** Int. Cl.  
**D06F 37/04** ( 2006.01 )  
**D06F 37/22** ( 2006.01 )  
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**(54)** Abdominal wall treatment devices  
**(51)** Int. Cl.  
**A61B 17/08** ( 2006.01 )  
**A61F 13/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**F28F 9/02** ( 2006.01 )  
**F25B 39/02** ( 2006.01 )  
**F28D 9/00** ( 2006.01 )  
**F28D 21/00** ( 2006.01 )  
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**C07C 59/42** ( 2006.01 )  
**A61K 31/20** ( 2006.01 )

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**B65D 85/804** ( 2006.01 )  
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 (51) Int. Cl.  
**G01M 99/00** ( 2011.01 )  
**A47C 17/02** ( 2006.01 )  
**A47C 31/12** ( 2006.01 )  
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**C07K 7/04** ( 2006.01 )  
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 (51) Int. Cl.  
**A61B 5/28** ( 2021.01 )  
**H04B 15/00** ( 2006.01 )  
 (87) WO2019/047165  
 (43) 14.03.2019  
 (44) 25.02.2021  
 (72) ZHANG, Tongsheng  
 (74) Davies Collison Cave Pty Ltd

(71) MAKO Surgical Corp.  
 (11) AU-B-2020202802  
 (21) 2020202802 (22) 28.04.2020  
 (54) Systems and methods for adaptive planning and control of a surgical tool  
 (51) Int. Cl.  
**A61B 34/00** ( 2016.01 )  
**A61B 34/10** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
 (43) 21.05.2020  
 (44) 25.02.2021  
 (62) 2019203781  
 (72) Otto, Jason; Abbasi, Abdullah  
 (74) FB Rice Pty Ltd

(71) Marine Canada Acquisition Inc.  
 (11) AU-B-2019201481  
 (21) 2019201481 (22) 04.03.2019  
 (54) Marine vessel control system for controlling movement of a marine vessel having four propulsion units  
 (51) Int. Cl.  
**B63H 21/21** ( 2006.01 )

Applications Accepted - Name Index cont'd

**B63H 20/12** ( 2006.01 )  
**B63H 25/02** ( 2006.01 )  
**B63H 25/42** ( 2006.01 )  
**(43)** 28.03.2019  
**(44)** 25.02.2021  
**(62)** 2015218152  
**(72)** Chan, Anson Chin Pang; Duddridge, Geoffrey  
**(74)** Griffith Hack

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**(71)** Maruho Medical, Inc.  
**(11)** AU-B-2019200690  
**(21)** 2019200690 **(22)** 01.02.2019  
**(54)** Method and apparatus for passing suture  
**(51)** Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 17/115** ( 2006.01 )  
**A61B 17/125** ( 2006.01 )  
**A61B 17/28** ( 2006.01 )  
**A61B 17/295** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
**(43)** 21.02.2019  
**(44)** 25.02.2021  
**(62)** 2014253864  
**(72)** FANTON, Gary S.; KRUMME, John F.; HENEVELD, Scott H.; NEWELL, Matthew B.; CLAUSON, Luke W.  
**(74)** Griffith Hack

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**(71)** Materiaux Nieka Inc.  
**(11)** AU-B-2015318537  
**(21)** 2015318537 **(22)** 14.09.2015  
**(54)** Method and apparatus for preparing an analytical sample by fusion  
**(51)** Int. Cl.  
**G01N 1/44** ( 2006.01 )  
**G01J 5/00** ( 2006.01 )  
**G01J 5/12** ( 2006.01 )  
**G01N 1/38** ( 2006.01 )  
**(87)** WO2016/041063  
**(31)** 62/050,246 **(32)** 15.09.14 **(33)** US  
**(43)** 24.03.2016  
**(44)** 25.02.2021  
**(72)** Croisietiere, Louis; Noblesse, Arnaud  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Matinas BioPharma Nanotechnologies, Inc.  
**(11)** AU-B-2016226151  
**(21)** 2016226151 **(22)** 03.03.2016  
**(54)** Cochleates and methods of using the same to enhance tissue penetration of pharmacologically active agent  
**(51)** Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**(87)** WO2016/141203  
**(31)** 62/247,641 **(32)** 28.10.15 **(33)** US  
     62/264,164 07.12.15 US  
     62/162,425 15.05.15 US  
     62/163,212 18.05.15 US  
     62/239,675 09.10.15 US  
     62/127,799 03.03.15 US  
**(43)** 09.09.2016  
**(44)** 25.02.2021  
**(72)** Mannino, Raphael J.; Lu, Ruying  
**(74)** WRAYS PTY LTD

**(71)** MB Pharma s.r.o.  
**(11)** AU-B-2018333356  
**(21)** 2018333356 **(22)** 11.09.2018  
**(54)** Bacterial strain Clostridium histolyticum and its use  
**(51)** Int. Cl.  
**C12P 1/02** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12N 9/64** ( 2006.01 )  
**C12R 1/145** ( 2006.01 )  
**(87)** WO2019/052586  
**(31)** PV 2017-537 **(32)** 13.09.17 **(33)** CZ  
**(43)** 21.03.2019  
**(44)** 25.02.2021  
**(72)** MOSA, Marek; BENESIK, Martin  
**(74)** Griffith Hack

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**(71)** Medicinal Chemistry Pharmaceuticals, Co., Ltd.  
**(11)** AU-B-2015254257  
**(21)** 2015254257 **(22)** 28.04.2015  
**(54)** Anti-MUC1 antibody or antigen-binding fragment of same, and use thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
**C12Q 1/02** ( 2006.01 )  
**(87)** WO2015/166934  
**(31)** 2014-092299 **(32)** 28.04.14 **(33)** JP  
**(43)** 05.11.2015  
**(44)** 25.02.2021  
**(72)** Nishimura Shinichiro; Miyoshi Risho; Naruchi Kentaro; Tanaka Masakazu; Sato Masaharu  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** MedImmune Limited  
**(11)** AU-B-2015254558  
**(21)** 2015254558 **(22)** 02.05.2015  
**(54)** Ion channel modulators and uses thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2015/166105  
**(31)** 61/987,929 **(32)** 02.05.14 **(33)** US  
**(43)** 05.11.2015  
**(44)** 25.02.2021  
**(72)** Williams, Wendy A.; Jones, Clare; Button, James; Linley, John; Huang, Ling; Snijder, Harm Jan; Shibata, Yoko; Sridharan, Sudharsan; Groves, Maria; Dobson, Claire  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Medtronic Minimed, Inc.  
**(11)** AU-B-2019284140  
**(21)** 2019284140 **(22)** 30.12.2019  
**(54)** Infusion pumps  
**(51)** Int. Cl.  
**A61M 5/145** ( 2006.01 )  
**(43)** 30.01.2020  
**(44)** 25.02.2021  
**(62)** 2018202573  
**(72)** Smith, Roger E.; Causey, James; Gibson, Scott R.; He, Tom Xiaohai; Fogar-

ty, Thomas G.; Ring, Lawrence Scott; Loftin, Scott M.  
**(74)** Shelston IP Pty Ltd.

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**(71)** Medtronic Xomed, Inc.  
**(11)** AU-B-2019201702  
**(21)** 2019201702 **(22)** 13.03.2019  
**(54)** System for omni-directional bipolar stimulation of nerve tissue of a patient via a surgical tool  
**(51)** Int. Cl.  
**A61N 1/04** ( 2006.01 )  
**(43)** 04.04.2019  
**(44)** 25.02.2021  
**(62)** 2016244152  
**(72)** McFarlin, Kevin L.; Courtney, Bryan L.; Cantwell, Matthew L.  
**(74)** FB Rice Pty Ltd

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**(71)** Medytox Inc.  
**(11)** AU-B-2020202081  
**(21)** 2020202081 **(22)** 24.03.2020  
**(54)** Methods and compositions of bile acids and salts for reduction of fat  
**(51)** Int. Cl.  
**A61K 31/575** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**(43)** 09.04.2020  
**(44)** 25.02.2021  
**(62)** 2018260917  
**(72)** JUNG, Hyun Ho; YANG, Gi Hyeok; LEE, Junho; CHO, Sujin  
**(74)** Spruson & Ferguson

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**(71)** Meishan CRRC Brake Science & Technology Co.,Ltd  
**(11)** AU-B-2019200526  
**(21)** 2019200526 **(22)** 25.01.2019  
**(54)** BRAKE CYLINDER DUST COVER AND WATERPROOF BRAKE CYLINDER USING SUCH DUST COVER  
**(51)** Int. Cl.  
**B60T 17/08** ( 2006.01 )  
**(43)** 14.02.2019  
**(44)** 25.02.2021  
**(62)** 2016291543  
**(72)** LIU, Yi; LI, Guo; XIAO, Chen; SHEN, Jianhong; AN, Hong; XIAO, Weiyuan; LV, Chao; QUAN, Qiong; DU, Xia; WEI, Xueli; MAO, Fuying; SHI, Yunxiao; LV, Liang; ZHANG, Junying; WANG, Qin; WANG, Kaien  
**(74)** Lord & Company

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**(71)** Mereo BioPharma 1 Limited  
**(11)** AU-B-2017294643  
**(21)** 2017294643 **(22)** 13.07.2017  
**(54)** Method for producing a polymorphic form of 3-[5-amino-4-(3-cyanobenzoyl)-pyrazol-1-yl]-N-cyclopropyl-4-methylbenzamide  
**(51)** Int. Cl.  
**C07D 231/38** ( 2006.01 )  
**A61K 31/415** ( 2006.01 )

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**A61P 29/00** ( 2006.01 )  
**(87)** WO2018/011579  
**(31)** 1612240.0 **(32)** 14.07.16 **(33)** GB  
**(43)** 18.01.2018  
**(44)** 25.02.2021  
**(72)** Suleiman, Osama; Perez, Lucia  
 Romero; Harlacher, Cornelius Stephan;  
 Jones, Stewart  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Metso Sweden AB  
**(11)** AU-B-2018287147  
**(21)** 2018287147 **(22)** 21.06.2018  
**(54)** A lining, a haul truck body comprising  
 the same and a haul truck  
**(51)** Int. Cl.  
**B60P 1/28** ( 2006.01 )  
**B60R 13/01** ( 2006.01 )  
**(87)** WO2018/234494  
**(31)** 17177445.8 **(32)** 22.06.17 **(33)** EP  
**(43)** 27.12.2018  
**(44)** 25.02.2021  
**(72)** LARSSON, Fredrik; PERSSON, Henrik;  
 AHLBERG, Peter; JOHANSSON, Mag-  
 nus; HÄLLEVALL, Niclas  
**(74)** IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

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**Mississippi State University see University  
of Pittsburgh - Of the Commonwealth Sys-  
tem of Higher Education**  
**(21)** 2016282767

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**(71)** Mitsubishi Electric Corporation  
**(11)** AU-B-2017420948  
**(21)** 2017420948 **(22)** 30.06.2017  
**(54)** Refrigeration cycle device and drive  
 device  
**(51)** Int. Cl.  
**F25B 1/00** ( 2006.01 )  
**(87)** WO2019/003430  
**(43)** 03.01.2019  
**(44)** 25.02.2021  
**(72)** Norimatsu, Yasuharu; Nishizawa, Akira  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Monsanto Technology LLC  
**(11)** AU-B-2015231804  
**(21)** 2015231804 **(22)** 10.03.2015  
**(54)** Transgenic maize event MON 87419  
 and methods of use thereof  
**(51)** Int. Cl.  
**A01H 5/00** ( 2006.01 )  
**C12N 5/04** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(87)** WO2015/142571  
**(31)** 61/968,342 **(32)** 20.03.14 **(33)** US  
**(43)** 24.09.2015  
**(44)** 25.02.2021  
**(72)** Goley, Michael E; Burns, Wen C.;  
 Huang, Jintai; McCann, Melinda C.;  
 Shao, Aihua; Sparks, Oscar C.; Stoek-  
 er, Martin A.; Wei, Liping  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Motorola Solutions, Inc.  
**(11)** AU-B-2018311661  
**(21)** 2018311661 **(22)** 17.07.2018  
**(54)** Method and apparatus for distributed  
 edge learning  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**(87)** WO2019/027671  
**(31)** 15/668,624 **(32)** 03.08.17 **(33)** US  
**(43)** 07.02.2019  
**(44)** 25.02.2021  
**(72)** SABRIPOUR, Shervin  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Motorola Solutions, Inc.  
**(11)** AU-B-2020213304  
**(21)** 2020213304 **(22)** 05.08.2020  
**(54)** TRANSFERRING COMPUTER  
 AIDED DISPATCH INCIDENT DATA  
 BETWEEN PUBLIC SAFETY AN-  
 SWERING POINT STATIONS  
**(51)** Int. Cl.  
**H04M 1/725** ( 2006.01 )  
**G06F 30/18** ( 2020.01 )  
**(31)** 16/557,345 **(32)** 30.08.19 **(33)** US  
**(43)** 25.02.2021  
**(44)** 25.02.2021  
**(72)** Killpack, Michael  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Murdoch Childrens Research Institute  
**(11)** AU-B-2015283805  
**(21)** 2015283805 **(22)** 30.06.2015  
**(54)** Helicobacter therapeutic  
**(51)** Int. Cl.  
**A61K 38/43** ( 2006.01 )  
**A61K 39/106** ( 2006.01 )  
**A61K 39/108** ( 2006.01 )  
**A61K 39/112** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**(87)** WO2016/000022  
**(31)** 2014902493 **(32)** 30.06.14 **(33)** AU  
**(43)** 07.01.2016  
**(44)** 25.02.2021  
**(72)** Sutton, Philip  
**(74)** Griffith Hack

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**(71)** Nanostring Technologies, Inc.  
**(11)** AU-B-2015353747  
**(21)** 2015353747 **(22)** 23.11.2015  
**(54)** Methods and apparatuses for gene  
 purification and imaging  
**(51)** Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**(87)** WO2016/085841  
**(31)** 62/083,681 **(32)** 24.11.14 **(33)** US  
**(43)** 02.06.2016  
**(44)** 25.02.2021  
**(72)** Dunaway, Dwayne; Khafizov, Rustem;  
 Mei, Qian; Dennis, Lucas; Krouse, Mi-  
 chael; Beechem, Joseph M.; Sprague,  
 Isaac  
**(74)** Spruson & Ferguson

**(71)** Nanostring Technologies, Inc.  
**(11)** AU-B-2016295158  
**(21)** 2016295158 **(22)** 15.07.2016  
**(54)** Simultaneous quantification of gene ex-  
 pression in a user-defined region of a  
 cross-sectioned tissue  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**(87)** WO2017/015099  
**(31)** 62/323,023 **(32)** 15.04.16 **(33)** US  
 62/277,289 11.01.16 US  
 62/261,657 01.12.15 US  
 62/193,809 17.07.15 US  
**(43)** 26.01.2017  
**(44)** 25.02.2021  
**(72)** Beechem, Joseph M.; Warren, Charles;  
 Merritt, Chris; Jung, Jaemyeong;  
 Dunaway, Dwayne L.; Crowder, Scott;  
 Sorg, Kristina  
**(74)** Spruson & Ferguson

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**NanoString Technologies, Inc. see Board  
of Regents, The University of Texas Sys-  
tem**  
**(21)** 2016297513

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**(71)** NantOmics, LLC  
**(11)** AU-B-2020200208  
**(21)** 2020200208 **(22)** 10.01.2020  
**(54)** COMPOSITIONS AND METHODS  
 FOR VIRAL CANCER NEOEPITOPES  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**(43)** 12.03.2020  
**(44)** 25.02.2021  
**(62)** 2016339924  
**(72)** Soon-Shiong, Patrick; Benz, Steph-  
 en Charles; Nguyen, Andrew; Rabiza-  
 deh, Shahrooz; Niazi, Kayvan; Buzko,  
 Oleksandr; Nelson, Jay Gardner  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

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**(71)** National Center of Neurology and Psy-  
 chiatry; Nippon Shinyaku Co., Ltd.  
**(11)** AU-B-2015277924  
**(21)** 2015277924 **(22)** 16.06.2015  
**(54)** Antisense nucleic acids  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/712** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 21/04** ( 2006.01 )  
**(87)** WO2015/194520  
**(31)** 2014-124157 **(32)** 17.06.14 **(33)** JP  
**(43)** 23.12.2015  
**(44)** 25.02.2021  
**(72)** WATANABE, Naoki; TONE, Yuuichirou;  
 TAKEDA, Shin'ichi; NAGATA, Tetsuya  
**(74)** FB Rice Pty Ltd

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**(71)** National Taiwan University  
**(11)** AU-B-2017366410  
**(21)** 2017366410 **(22)** 22.11.2017  
**(54)** RECONSTITUTED RSV ANTIGENS,  
 NUCLEIC ACID MOLECULES ENCOD-



Applications Accepted - Name Index cont'd

- ING THE ANTIGENS, AND VACCINE COMPOSITIONS COMPRISING THE SAME
- (51) Int. Cl.  
**C07K 14/135** ( 2006.01 )  
**A61K 39/155** ( 2006.01 )
- (87) WO2018/095330  
(31) 62/425,078 (32) 22.11.16 (33) US  
(43) 31.05.2018  
(44) 25.02.2021  
(72) Huang, Limin; Huang, Jenmin  
(74) Spruson & Ferguson
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- (71) National University of Singapore; St. Jude Children's Research Hospital, Inc.  
(11) AU-B-2015259877  
(21) 2015259877 (22) 14.05.2015  
(54) Modified natural killer cells and uses thereof  
(51) Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**C12N 15/24** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )
- (87) WO2015/174928  
(31) 61/993,494 (32) 15.05.14 (33) US  
(43) 19.11.2015  
(44) 25.02.2021  
(72) Campana, Dario; Shook, David; Imamura, Masaru  
(74) Griffith Hack
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- (71) Matrix Separations Inc.  
(11) AU-B-2019204359  
(21) 2019204359 (22) 21.06.2019  
(54) Layered tubular membranes for chromatography, and methods of use thereof  
(51) Int. Cl.  
**B01D 63/10** ( 2006.01 )  
**B01D 39/08** ( 2006.01 )  
**B01D 39/14** ( 2006.01 )  
**B01D 69/12** ( 2006.01 )  
**B01D 71/26** ( 2006.01 )
- (43) 11.07.2019  
(44) 25.02.2021  
(62) 2017206238  
(72) Kanani, Dharmeshkumar M.; Sidhu, Navneet; Kachuik, Bradley A.; Honeyman, Charles H.  
(74) Shelston IP Pty Ltd.
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- (71) Neenah Paper, Inc.  
(11) AU-B-2016346210  
(21) 2016346210 (22) 26.10.2016  
(54) Solvent resistant printable substrates and their methods of manufacture and use  
(51) Int. Cl.  
**B41M 5/50** ( 2006.01 )  
**D21H 19/36** ( 2006.01 )
- (87) WO2017/074991  
(31) 14/928,539 (32) 30.10.15 (33) US  
(43) 04.05.2017  
(44) 25.02.2021  
(72) Rueckert, Cheryl Boyd; Jacobson, Aaron; Bunch, Abdu Y.; Vervacke, Steven L.  
(74) Spruson & Ferguson
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- (71) Nelson Mandela Metropolitan University  
(11) AU-B-2018224411  
(21) 2018224411 (22) 15.02.2018  
(54) Method for the manufacture of Efavirenz  
(51) Int. Cl.  
**C07D 265/36** ( 2006.01 )
- (87) WO2018/154414  
(31) 2018412 (32) 23.02.17 (33) NL  
(43) 30.08.2018  
(44) 25.02.2021  
(72) Watts, Paul; Chada, Sravanthi  
(74) FB Rice Pty Ltd
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- (71) Neodrill A.S.  
(11) AU-B-2018218542  
(21) 2018218542 (22) 26.01.2018  
(54) Wellbore cement management system  
(51) Int. Cl.  
**E21B 33/14** ( 2006.01 )  
**E21B 41/08** ( 2006.01 )
- (87) WO2018/146571  
(31) 62/455,671 (32) 07.02.17 (33) US  
(43) 16.08.2018  
(44) 25.02.2021  
(72) Mathis, Wolfgang  
(74) AUSTRALASIA IP PTY LTD
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- (71) Newport Corporation  
(11) AU-B-2015400181  
(21) 2015400181 (22) 11.11.2015  
(54) Apparatus and method for measuring one or more characteristics of one or more photovoltaic cells  
(51) Int. Cl.  
**H02S 50/10** ( 2014.01 )  
**G01R 31/00** ( 2006.01 )
- (87) WO2016/209304  
(31) 62/184,978 (32) 26.06.15 (33) US  
(43) 29.12.2016  
(44) 25.02.2021  
(72) Switzer, Gregory W.; Shelton, Eric H.  
(74) Madderns Pty Ltd
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- (71) Niantic, Inc.  
(11) AU-B-2019291869  
(21) 2019291869 (22) 27.06.2019  
(54) Multi-sync ensemble model for device localization  
(51) Int. Cl.  
**G06T 19/00** ( 2011.01 )  
**G06T 7/70** ( 2017.01 )  
**G06T 19/20** ( 2011.01 )
- (87) WO2020/006299  
(31) 62/690,566 (32) 27.06.18 (33) US  
(43) 02.01.2020  
(44) 25.02.2021  
(72) HU, Si Ying Diana; ASHOK, Anubhav; TURNER, Peter  
(74) FB Rice Pty Ltd
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- (71) Nicoventures Trading Limited  
(11) AU-B-2019200330  
(21) 2019200330 (22) 18.01.2019  
(54) Inhalator and cartridge thereof  
(51) Int. Cl.  
**A24F 47/00** ( 2006.01 )
- (43) 07.02.2019  
(44) 25.02.2021  
(62) 2015334902  
(72) Aoun, Walid Abi; Abramov, Oleg Jurievich; Nicholson, Gary; Firmin, Pavel; Digard, Helen  
(74) Shelston IP Pty Ltd.
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- (71) Nippon Kayaku Kabushiki Kaisha  
(11) AU-B-2016324370  
(21) 2016324370 (22) 08.09.2016  
(54) Polymer conjugate of hexa-coordinated platinum complex  
(51) Int. Cl.  
**C08G 69/48** ( 2006.01 )  
**A61K 33/24** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07F 15/00** ( 2006.01 )  
**C08G 65/333** ( 2006.01 )  
**C08G 65/337** ( 2006.01 )  
**C08G 69/10** ( 2006.01 )  
**C08G 69/40** ( 2006.01 )
- (87) WO2017/047497  
(31) 2015-180875 (32) 14.09.15 (33) JP  
(43) 23.03.2017  
(44) 25.02.2021  
(72) Nakamura, Masaharu; Fukuda, Tsuyoshi; Kikuchi, Yusaku; Watanabe, Chihiro  
(74) Davies Collison Cave Pty Ltd
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- Nippon Shinyaku Co., Ltd. see National Center of Neurology and Psychiatry**  
(21) 2015277924
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- Nippon Steel Corporation see Nippon Steel Engineering Co., Ltd.**  
(21) 2018378746
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- (71) Nippon Steel Engineering Co., Ltd.; Nippon Steel Corporation  
(11) AU-B-2018378746  
(21) 2018378746 (22) 16.10.2018  
(54) Method for producing reformed coal  
(51) Int. Cl.  
**C10L 9/06** ( 2006.01 )  
**C10L 9/08** ( 2006.01 )
- (87) WO2019/111540  
(31) 2017-235840 (32) 08.12.17 (33) JP  
(43) 13.06.2019  
(44) 25.02.2021  
(72) IMAMURA, Akinobu; KOSUGE, Katsushi; KOZURU, Hiroyuki; TANIOKU, Wataru  
(74) FB Rice Pty Ltd
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- (71) Nipro Corporation  
(11) AU-B-2016365938  
(21) 2016365938 (22) 31.10.2016  
(54) Medical liquid administration device  
(51) Int. Cl.  
**A61M 5/168** ( 2006.01 )
- (87) WO2017/098685  
(31) 2015-240691 (32) 10.12.15 (33) JP

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(43) 15.06.2017  
 (44) 25.02.2021  
 (72) Sakamoto, Shingo  
 (74) Griffith Hack

(71) Nitto Denko Corporation  
 (11) AU-B-2016297153  
 (21) 2016297153 (22) 22.07.2016  
 (54) Compositions and methods for nano-particle lyophile forms  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
 (87) WO2017/015552  
 (31) 62/195,356 (32) 22.07.15 (33) US  
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 (74) Davies Collison Cave Pty Ltd

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**(51)** Int. Cl.

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**(51)** Int. Cl.

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**A61P 35/00** ( 2006.01 )  
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**(51)** Int. Cl.

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**G06T 7/00** ( 2017.01 )  
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**C12Q 1/68** ( 2006.01 )  
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**(51)** Int. Cl.  
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**A61F 13/14** ( 2006.01 )  
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**C08G 73/02** ( 2006.01 )  
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**B29C 65/18** ( 2006.01 )  
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**B65D 85/72** ( 2006.01 )  
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**A61K 39/12** ( 2006.01 )  
**A61K 39/295** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**C07K 14/18** ( 2006.01 )  
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**A23L 11/30** ( 2016.01 )  
**A23L 2/38** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
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**C07D 209/26** ( 2006.01 )  
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**A61K 51/04** ( 2006.01 )  
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**Walter Reed Army Institute of Research see The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services**  
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**(71)** Warsaw Orthopedic, Inc.  
**(11)** AU-B-2017212658  
**(21)** 2017212658 **(22)** 27.01.2017  
**(54)** Geared cam expandable interbody implant and method of implanting  
**(51)** Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61B 17/70** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**(87)** WO2017/132537  
**(31)** 15/009,582 **(32)** 28.01.16 **(33)** US  
**(43)** 03.08.2017  
**(44)** 25.02.2021  
**(72)** Dewey, Jonathan M.; Armstrong, William D.  
**(74)** FB Rice Pty Ltd

**(71)** Warsaw Orthopedic, Inc.  
**(11)** AU-B-2019210628  
**(21)** 2019210628 **(22)** 02.08.2019  
**(54)** Spinal implant system and method  
**(51)** Int. Cl.  
**A61F 2/44** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**(43)** 22.08.2019  
**(44)** 25.02.2021  
**(62)** 2016373976  
**(72)** Melkent, Anthony J.; Blackwell, Jonathan E.; Capote, Cristian A.  
**(74)** FB Rice Pty Ltd

**(71)** Warsaw Orthopedic, Inc.  
**(11)** AU-B-2020202313  
**(21)** 2020202313 **(22)** 01.04.2020  
**(54)** Spinal implant system and method  
**(51)** Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**A61B 17/82** ( 2006.01 )  
**A61F 2/44** ( 2006.01 )  
**(43)** 23.04.2020  
**(44)** 25.02.2021  
**(62)** 2016233759  
**(72)** Trieu, Hai H.  
**(74)** FB Rice Pty Ltd

**(71)** Waymo LLC  
**(11)** AU-B-2018288720  
**(21)** 2018288720 **(22)** 19.06.2018  
**(54)** Rare instance classifiers  
**(51)** Int. Cl.  
**G06N 3/04** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
**(87)** WO2018/236895

**(31)** 15/630,275 **(32)** 22.06.17 **(33)** US  
**(43)** 27.12.2018  
**(44)** 25.02.2021  
**(72)** LO, Wan-Yen; OGALE, Abhijit; GAO, Yang  
**(74)** RnB IP Pty Ltd

**(71)** Welch Allyn, Inc.  
**(11)** AU-B-2019283800  
**(21)** 2019283800 **(22)** 17.12.2019  
**(54)** Eye image capturing  
**(51)** Int. Cl.  
**A61B 3/117** ( 2006.01 )  
**A61B 3/12** ( 2006.01 )  
**A61B 3/14** ( 2006.01 )  
**(31)** 16/230,315 **(32)** 21.12.18 **(33)** US  
**(43)** 09.07.2020  
**(44)** 25.02.2021  
**(72)** Myers, Thomas A.; Reinke, Christian H.; Saurez, Carlos; Wang, Ynjiun P.  
**(74)** Shelston IP Pty Ltd.

**(71)** Weston Fence Pty Limited  
**(11)** AU-B-2017331802  
**(21)** 2017331802 **(22)** 26.06.2017  
**(54)** A guide device and method for constructing a fence  
**(51)** Int. Cl.  
**E04H 17/26** ( 2006.01 )  
**A01K 3/00** ( 2006.01 )  
**B65H 57/16** ( 2006.01 )  
**(87)** WO2018/053575  
**(31)** 2016903893 **(32)** 26.09.16 **(33)** AU  
**(43)** 29.03.2018  
**(44)** 25.02.2021  
**(72)** Weston, Frank Peter; Kirk, Jeffrey  
**(74)** Adams Pluck

**Wight, J. see Parisien, B.**  
**(21)** 2020200509

**Xuzhou Boan Science & Technology Development Co., Ltd see China University of Mining and Technology**  
**(21)** 2018421568

**Xuzhou Zhongkuang Backfilling & Mining Technology Co., Ltd see China University of Mining and Technology**  
**(21)** 2018376026

**(71)** Yara International ASA  
**(11)** AU-B-2016353474  
**(21)** 2016353474 **(22)** 10.11.2016  
**(54)** Calcium nitrate for reducing the pore size distribution of a hardened cementitious composition and steel reinforced concrete having an elevated resistance towards carbonation  
**(51)** Int. Cl.  
**C04B 28/02** ( 2006.01 )  
**C04B 28/04** ( 2006.01 )  
**C04B 38/00** ( 2006.01 )  
**C04B 111/00** ( 2006.01 )  
**C04B 111/22** ( 2006.01 )

## Applications Accepted - Name Index cont'd

C04B 111/26 ( 2006.01 )

- (87) WO2017/081119  
(31) 20151535 (32) 10.11.15 (33) NO  
(43) 18.05.2017  
(44) 25.02.2021  
(72) Franke, Wolfram; Cilluffo, Giuseppe;  
Torabzadegan, Mehrdad  
(74) WRAYS PTY LTD
- 

- (71) Yoon, H.  
(11) AU-B-2018271054  
(21) 2018271054 (22) 26.03.2018  
(54) Vertical roller-type grinding blade and  
grinder including same  
(51) Int. Cl.  
B02C 4/30 ( 2006.01 )  
B02C 4/08 ( 2006.01 )  
B02C 4/42 ( 2006.01 )  
(87) WO2018/212445  
(31) 10-2017-0062383 (32) 19.05.17 (33) KR  
(43) 22.11.2018  
(44) 25.02.2021  
(72) Yoon, Hyuk Beom  
(74) FB Rice Pty Ltd
- 

ZHEJIANG JINKO SOLAR CO., LTD see  
Jinko Green Energy (Shanghai) Manage-  
ment Co.,LTD  
(21) 2020203992

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- (71) Zoetis Services LLC  
(11) AU-B-2019200941  
(21) 2019200941 (22) 11.02.2019  
(54) Anti-GnRH vaccine  
(51) Int. Cl.  
A61K 39/39 ( 2006.01 )  
A61K 39/00 ( 2006.01 )  
A61P 15/16 ( 2006.01 )  
A61P 15/18 ( 2006.01 )  
(31) 62/629,287 (32) 12.02.18 (33) US  
(43) 29.08.2019  
(44) 25.02.2021  
(72) Amatayakul-Chantler, Supavadee;  
Dominowski, Paul Joseph; Krebs,  
Richard Lee; Power, John Francis;  
Prayaga, Kishore; Hodge, Andrew  
(74) Shelston IP Pty Ltd.



Numerical Index

<b>2014202293</b>	Sure Technologies Pty Ltd	<b>2015353823</b>	View, Inc.
<b>2014274650</b>	Caterpillar of Australia Pty Ltd	<b>2015357551</b>	Alexion Pharmaceuticals, Inc.
<b>2014306416</b>	Translate Bio MA, Inc.	<b>2015360386</b>	Johnson & Johnson Consumer Inc.
<b>2014361730</b>	Conexio Genomics Pty Ltd	<b>2015363042</b>	Emory University
<b>2014377537</b>	Illumina, Inc.	<b>2015365650</b>	Enpro Subsea Limited
<b>2015202099</b>	GEODynamics, Inc.	<b>2015365719</b>	BAE SYSTEMS plc
<b>2015203457</b>	PGS Geophysical AS	<b>2015370651</b>	Flint Engineering Ltd
<b>2015203683</b>	Schneider Electric Industries SAS	<b>2015370672</b>	GyroGear Limited
<b>2015215750</b>	Fuso Pharmaceutical Industries, Ltd.	<b>2015371705</b>	Linde Aktiengesellschaft
<b>2015216875</b>	Collectis	<b>2015371732</b>	Alfred Kärcher GmbH & Co. KG
<b>2015218416</b>	PGS Geophysical AS	<b>2015372420</b>	University of South Australia
<b>2015230748</b>	Global Carbon Footprint Solutions Pty Limited	<b>2015376292</b>	Brita GmbH
<b>2015231804</b>	Monsanto Technology LLC	<b>2015394633</b>	AAA ACCELERATOR GROUP EUROPE AG.
<b>2015253309</b>	The Regents of the University of California	<b>2015400181</b>	Newport Corporation
<b>2015254257</b>	Medicinal Chemistry Pharmaceuticals, Co., Ltd.	<b>2015400346</b>	Smith & Nephew, Inc.
<b>2015254558</b>	MedImmune Limited	<b>2015402332</b>	Universidad Politecnica de Madrid; Alise Devices, S.L.
<b>2015255223</b>	ROAR SOFTWARE PTY LTD	<b>2015403299</b>	Proteh Glassdeep Spolka Z Ograniczoną Odpowiedzialnością
<b>2015256075</b>	Northwestern University	<b>2015406253</b>	JS InnoPharm (Shanghai) Ltd.
<b>2015257334</b>	Thankstem S.R.L.	<b>2015412754</b>	Kimberly-Clark Worldwide, Inc.
<b>2015259877</b>	National University of Singapore; St. Jude Children's Research Hospital, Inc.	<b>2015412776</b>	Transitions Optical, Inc.
<b>2015260725</b>	TargImmune Therapeutics AG	<b>2015414534</b>	Prysmian S.p.A.
<b>2015267045</b>	Academia Sinica	<b>2016201774</b>	SOITEC
<b>2015276237</b>	Ablynx NV	<b>2016203448</b>	K2M, Inc.
<b>2015276978</b>	Regeneron Pharmaceuticals, Inc.	<b>2016204209</b>	Covidien LP
<b>2015277218</b>	Innopix, Inc.	<b>2016209247</b>	Inhibrx, Inc.
<b>2015277924</b>	National Center of Neurology and Psychiatry; Nippon Shinyaku Co., Ltd.	<b>2016214083</b>	Kuato Games (UK) Limited
<b>2015280275</b>	Janssen Biotech, Inc.	<b>2016214968</b>	Vaxxas Pty Limited
<b>2015281781</b>	Breville Pty Limited	<b>2016215179</b>	Intercept Pharmaceuticals, Inc.
<b>2015283805</b>	Murdoch Childrens Research Institute	<b>2016215195</b>	Spraying Systems Co.
<b>2015284263</b>	7 Hills Interests LLC	<b>2016215268</b>	Affinity Tool Works, LLC
<b>2015288918</b>	Levicept Limited	<b>2016219862</b>	Stryker Corporation
<b>2015288957</b>	Crane Payment Innovations Limited	<b>2016220252</b>	Ab Initio Technology LLC
<b>2015289642</b>	Protagonist Therapeutics, Inc.	<b>2016222830</b>	BioAtla LLC
<b>2015300778</b>	Quantum-Si Incorporated	<b>2016225962</b>	Magic Leap, Inc.
<b>2015301640</b>	GOJO Industries, Inc.	<b>2016226151</b>	Matinas BioPharma Nanotechnologies, Inc.
<b>2015302015</b>	Stratosphere ATC LLC	<b>2016229398</b>	General Electric Company
<b>2015306198</b>	Alkermes Pharma Ireland Limited	<b>2016231483</b>	Dab Pumps S.p.A.
<b>2015308818</b>	BioAtla LLC	<b>2016232703</b>	Beckman Coulter, Inc.
<b>2015310965</b>	Heinrich-Pette-Institut Leibniz-Institut Fur Experi- mentelle Virologie - Stiftung Burgerlichen Rechts; Tech- nische Universitat Dresden	<b>2016232839</b>	Seattle Genetics, Inc.
<b>2015314685</b>	The Administrators of the Tulane Educational Fund	<b>2016238832</b>	Adobe Inc.
<b>2015317447</b>	ORPHAZYME A/S	<b>2016244187</b>	The Boeing Company
<b>2015318537</b>	Materiaux Nieka Inc.	<b>2016244394</b>	Dompe' farmaceutici S.p.A.
<b>2015323328</b>	The South African Nuclear Energy Corporation Limited; University of Cape Town	<b>2016245868</b>	Equifax, Inc.
<b>2015323334</b>	Seqirus UK Limited	<b>2016245959</b>	Syngenta Participations AG
<b>2015325055</b>	Eagle Biologics, Inc.	<b>2016246751</b>	Ecolab Usa Inc.
<b>2015326506</b>	Maheshwari, D.	<b>2016246860</b>	Fuji Tecom Inc.; Veolia Jenets K. K.
<b>2015330241</b>	Ecole Normale Supérieure; Institut National de la Santé Et de la Recherche Médicale; Centre National De La Recherche Scientifique; Université Pierre et Marie Curie; Ecole Superieure de Physique et de Chimie In- dustrielles de la Ville de Paris - ESPCI Paristech	<b>2016247024</b>	Compac Technologies Limited
<b>2015330905</b>	Al Therapeutics, Inc.	<b>2016250296</b>	The University of Queensland
<b>2015331621</b>	Ancestry.com DNA, LLC	<b>2016250580</b>	Berkeley Lights, Inc.
<b>2015332168</b>	Universite de Rouen; INSERM (Institut National de la Santé et de la Recherche Médicale); Targedys; Centre Hospitalier Universitaire de Rouen	<b>2016254520</b>	BAE Systems Plc
<b>2015332218</b>	Aspen Pumps Limited	<b>2016257724</b>	Allysta Pharmaceuticals, Inc.
<b>2015333544</b>	Inversa Systems Ltd.	<b>2016257777</b>	The University of Western Australia
<b>2015334717</b>	Polytherics Limited	<b>2016258976</b>	Wageningen Universiteit
<b>2015345309</b>	Electrolux Appliances Aktiebolag	<b>2016259243</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2015345401</b>	INEOS Technologies SA	<b>2016259439</b>	Covidien LP
<b>2015352482</b>	BASF SE	<b>2016260529</b>	Boston Scientific Scimed, Inc.
<b>2015353747</b>	Nanostring Technologies, Inc.	<b>2016261635</b>	Kellogg Company
		<b>2016262985</b>	Indiana University Research & Technology Corporation
		<b>2016264985</b>	Cardomon International Limited
		<b>2016268045</b>	B. Braun Medical Inc.
		<b>2016269728</b>	Technip France
		<b>2016270692</b>	The Chemours Company FC, LLC
		<b>2016270941</b>	B. Braun Medical Inc.
		<b>2016270984</b>	Intarcia Therapeutics, Inc.
		<b>2016272732</b>	Ancestry.com DNA, LLC

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2016274664	Universiteit Maastricht; Academisch Ziekenhuis Maastricht	2016353474	Yara International ASA
2016274897	ImmunGene, Inc.	2016354522	Home Tech Innovation, Inc
2016275073	Alcon Inc.	2016356726	AusVir Therapeutics Pty Ltd
2016275127	Revolutionary Medical Devices, Inc.	2016361823	Biocorp Production
2016275311	Ap Pharma Systems Atomizadores E Dispensadores Ltda	2016364705	Vålinge Innovation AB
2016275327	Fringero, B.	2016365214	Advanced BioNutrition Corp.
2016277583	Covidien LP	2016365938	Nipro Corporation
2016277584	Covidien LP	2016366306	SynDevRx, Inc.
2016277625	Covidien LP	2016367094	Varentec, Inc.
2016277923	Covidien LP	2016367642	Keter Plastic Ltd.
2016278051	Sheltered Wings, Inc. d/b/a/ Vortex Optics	2016379971	Universidad de Santiago de Chile
2016280283	Board of Regents, The University of Texas System	2016381977	Kraft Foods Group Brands LLC
2016282767	University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University; Mississippi State University	2016383497	Bracco Injengineering SA
2016284168	Hendrickson USA, L.L.C.	2016383531	Technische Universität Dresden
2016284490	Pixium Vision SA	2016391050	Landmark Graphics Corporation
2016287754	Dana-Farber Cancer Institute, Inc.	2016409478	Kimberly-Clark Worldwide, Inc.
2016290334	Waldemar Link GmbH & Co. KG	2016427305	Huawei Technologies Co., Ltd.
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 Q-Bot Limited	2016428048	Huawei Technologies Co., Ltd.
2016293309	Protagonist Therapeutics, Inc.	2017200211	The Boeing Company
2016293619	Nanostring Technologies, Inc.	2017200496	Pall Corporation
2016295158	Huesker Synthetic GmbH	2017205183	Boston Scientific Scimed, Inc.
2016295764	Nitto Denko Corporation	2017205628	Gardner, G.
2016297153	Board of Regents, The University of Texas System; NanoString Technologies, Inc.	2017205978	Endovate LLC
2016303021	Immatics Biotechnologies GmbH	2017207510	Huwais IP Holding LLC
2016303585	Skydex Technologies, Inc.	2017212658	Warsaw Orthopedic, Inc.
2016303907	CNH Industrial America LLC.	2017217560	Smart Drilling GmbH
2016304696	Laitram, L.L.C.	2017218791	Ariel Scientific Innovations Ltd.
2016305294	Bayer CropScience Aktiengesellschaft	2017220380	Trydel Research Pty Ltd
2016305968	Hyalex Orthopaedics, Inc.	2017220617	Brilliance Sweden AB
2016306213	Peerless Chain Company	2017223698	Ecolab USA Inc.
2016306446	Sharp Kabushiki Kaisha	2017231817	Emory University
2016307064	Ludwig-Maximilians-Universität München; Bein, T.; Engelke, H.; Feckl, J.; Freiherr Von Schirnding, C.	2017232394	Oleon NV
2016308479	First Response Locator Systems of America, LLC	2017232927	Tyco Fire Products LP
2016308553	Nuvox Pharma LLC	2017233132	PeopleBio, Inc.
2016308613	Pioneer Lining Technology Limited	2017235382	IDP Discovery Pharma, S.L.
2016314170	Pemi31 Therapeutics Inc.	2017235618	Noorik Biopharmaceuticals AG
2016315720	Trevena, Inc.	2017238206	The Quaker Oats Company
2016317828	CommScope Technologies LLC.	2017244135	Hydra-Zorb
2016318340	Scrubbing Fumigants Pty Ltd	2017246452	The Regents of the University of Michigan
2016319107	Alzheon, Inc.	2017248180	Cargill, Incorporated
2016320012	Sony Corporation	2017249265	Perspectum Diagnostics Ltd
2016321449	Ansell Limited	2017252251	L3 LATITUDE, LLC
2016323389	W. L. Gore & Associates, Inc.	2017255912	Liporegena GmbH
2016323977	The Trustees of Columbia University in the City of New York	2017258934	Albuainain, M.A.M.
2016324370	Nippon Kayaku Kabushiki Kaisha	2017266811	LG Electronics Inc.
2016324974	Fytek	2017267184	Dietrich, D.
2016326347	The Board of Trustees of the Leland Stanford Junior University	2017269256	The Rockefeller University
2016333789	Horton, Inc.	2017269763	Swiss-Tec Global Ltd
2016335061	Ferring B.V.	2017270485	Universidad del País Vasco; Administración General de la Comunidad Autónoma de Euskadi
2016336133	Redhill Biopharma Ltd.	2017280298	Qingdao Kingagroot Resistant Weed Management Co., Ltd.
2016336343	Philip Morris Products S.A.	2017280412	Shanghai Fochon Pharmaceutical Co., Ltd.; Fochon Pharmaceuticals, Ltd.
2016337309	Exonate Limited	2017286368	Janssen Sciences Ireland Unlimited Company
2016337416	Alcon Inc.	2017292997	GRST International Limited
2016338265	Voith Patent GmbH	2017294643	Mereo BioPharma 1 Limited
2016338648	The Climate Corporation	2017297285	Proliant Dairy, Inc.
2016341409	Apogenix AG	2017299685	Sasol South Africa (Pty) Ltd.
2016343920	Corning Optical Communications LLC	2017300558	Toa Eiyo Ltd.
2016346016	Transverse Technology Limited	2017305413	Qualcomm Incorporated
2016346210	Neenah Paper, Inc.	2017306706	Signify Holding B.V.
2016347044	Dupont Industrial BioSciences USA, LLC	2017323898	CuroGene Life Sciences Co., Ltd.
2016348493	F. Hoffmann-La Roche AG	2017331802	Weston Fence Pty Limited
		2017338197	Daikin Industries, Ltd.
		2017344752	Madad Pty Ltd
		2017359915	Inventio AG
		2017364644	Jiangsu hongbao Hardware Co., Ltd.
		2017366410	National Taiwan University
		2017367187	Südzucker AG
		2017369018	The Chinese University of Hong Kong
		2017372587	Hendrickson USA, L.L.C.

Applications Accepted - Numerical Index cont'd

<b>2017374721</b>	Cstone Pharmaceuticals (Suzhou) Co., Ltd.; Cstone Pharmaceuticals (Shanghai) Co., Ltd.; CStone Pharmaceuticals	<b>2018301994</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2017382440</b>	Blossom Innovations, LLC; The General Hospital Corporation	<b>2018302611</b>	Daikin Industries, Ltd.
<b>2017384613</b>	Ergonomic Solutions International Limited	<b>2018306114</b>	Citrix Systems, Inc.
<b>2017385599</b>	L'Oreal	<b>2018311553</b>	Graymont (PA) Inc.
<b>2017387765</b>	Dropbox, Inc.	<b>2018311661</b>	Motorola Solutions, Inc.
<b>2017408164</b>	Hangzhou DAC Biotech Co., Ltd	<b>2018313976</b>	Ecolab USA Inc.
<b>2017416327</b>	Johnpro Biotech Inc.	<b>2018314059</b>	LG Electronics Inc.
<b>2017418990</b>	Intuit Inc.	<b>2018319544</b>	Eli Lilly and Company
<b>2017420421</b>	Epsilon Medical Devices Sdn Bhd	<b>2018319545</b>	Eli Lilly and Company
<b>2017420948</b>	Mitsubishi Electric Corporation	<b>2018327983</b>	Apple Inc.
<b>2017429631</b>	Google LLC	<b>2018330542</b>	Sofec, Inc.
<b>2017430855</b>	Maisonburg (Shenzhen) Technology Development Co., Ltd.	<b>2018330633</b>	Immunic AG
<b>2017433305</b>	Huawei Technologies Co., Ltd.	<b>2018333356</b>	MB Pharma s.r.o.
<b>2017440072</b>	Huawei Technologies Co., Ltd.	<b>2018336913</b>	SharkNinja Operating LLC
<b>2018207501</b>	Denflex Co., Ltd.	<b>2018347205</b>	Advanced New Technologies Co., Ltd.
<b>2018208844</b>	Pfizer Inc.	<b>2018347535</b>	Saint-Gobain Performance Plastics Corporation
<b>2018210524</b>	Built Robotics Inc.	<b>2018353931</b>	Advanced New Technologies Co., Ltd.
<b>2018212003</b>	Rheem Manufacturing Company	<b>2018359016</b>	The Brain Protection Company Pty Ltd
<b>2018212531</b>	Cilter Technologies Limited	<b>2018361741</b>	Braun GmbH
<b>2018212559</b>	Cainiao Smart Logistics Holding Limited	<b>2018364957</b>	Northrop Grumman Systems Corporation
<b>2018212756</b>	Integrated DNA Technologies, Inc.	<b>2018368558</b>	Unilever PLC
<b>2018213539</b>	Huawei Technologies Co., Ltd.	<b>2018369968</b>	ArcelorMittal
<b>2018218542</b>	Neodrill A.S.	<b>2018370396</b>	IHI Corporation
<b>2018219550</b>	EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG	<b>2018371807</b>	Sino-Telecom Technology Co., Inc
<b>2018220079</b>	Pixobot, Inc.	<b>2018371966</b>	Byondis B.V.
<b>2018220150</b>	NovImmune S.A.	<b>2018372452</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018224411</b>	Nelson Mandela Metropolitan University	<b>2018372453</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018226493</b>	Illumina, Inc.	<b>2018375185</b>	Leica Biosystems Imaging, Inc.
<b>2018227813</b>	The Boots Company plc	<b>2018376026</b>	China University of Mining and Technology; Xuzhou Zhongkuang Backfilling & Mining Technology Co., Ltd
<b>2018228986</b>	Fujitsu General Limited	<b>2018376758</b>	Oxford Nanopore Technologies Limited
<b>2018229690</b>	Scott, M.	<b>2018378746</b>	Nippon Steel Engineering Co., Ltd.; Nippon Steel Corporation
<b>2018233403</b>	Immunwork Inc.	<b>2018385554</b>	ArcelorMittal
<b>2018241897</b>	Klüber Lubrication München SE & Co. KG	<b>2018386132</b>	Qingdao Haier Co., Ltd.
<b>2018248695</b>	Entomics Biosystems Limited	<b>2018386361</b>	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
<b>2018256423</b>	Gilead Sciences, Inc.	<b>2018392212</b>	Institute of Organic Chemistry and Biochemistry ASCR, v.v.i.
<b>2018258947</b>	H. Lundbeck A/S	<b>2018394147</b>	Italcementi S.p.A.
<b>2018260961</b>	Pixobot, Inc	<b>2018406326</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2018261914</b>	Huawei Technologies Co., Ltd.	<b>2018413695</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
<b>2018262843</b>	Huawei Technologies Co., Ltd.	<b>2018421568</b>	China University of Mining and Technology; Xuzhou Boan Science & Technology Development Co., Ltd
<b>2018262866</b>	Tianjin Deepfar Ocean Technology Co., Ltd.	<b>2018423506</b>	Cylus Cyber Security Ltd.
<b>2018263095</b>	Guangdong BOYU Group Co., Ltd	<b>2019200020</b>	Biomet 3i, LLC
<b>2018266106</b>	Cardix Therapeutics LLC	<b>2019200330</b>	Nicoventures Trading Limited
<b>2018271054</b>	Yoon, H.	<b>2019200356</b>	Samsung Electronics Co., Ltd.
<b>2018274871</b>	ENDACE TECHNOLOGY LIMITED	<b>2019200526</b>	Meishan CRRC Brake Science & Technology Co.,Ltd
<b>2018274985</b>	Apple Inc.	<b>2019200537</b>	The Board of Regents, The University of Texas System
<b>2018275009</b>	Aristocrat Technologies Australia Pty Limited	<b>2019200545</b>	Dexcom, Inc.
<b>2018276888</b>	Daikin Industries (Thailand) Ltd.	<b>2019200586</b>	DEKA Products Limited Partnership
<b>2018282431</b>	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	<b>2019200628</b>	Seres Therapeutics, Inc.
<b>2018285148</b>	Innova Patent GmbH	<b>2019200690</b>	Maruho Medical, Inc.
<b>2018285198</b>	Innova Patent GmbH	<b>2019200764</b>	Regeneron Pharmaceuticals, Inc.
<b>2018286221</b>	Beijing Adamdle Biotechnology Limited Liability Company	<b>2019200891</b>	Coles Group Limited
<b>2018286304</b>	Huawei Technologies Co., Ltd.	<b>2019200941</b>	Zoetis Services LLC
<b>2018287147</b>	Metso Sweden AB	<b>2019201031</b>	Great Plains Manufacturing, Inc.
<b>2018288489</b>	Alfa Laval Corporate AB	<b>2019201075</b>	The Trustees of The University of Pennsylvania; University of Pittsburgh - of the Commonwealth System of Higher Education; Novartis AG
<b>2018288720</b>	Waymo LLC	<b>2019201358</b>	Tata Consultancy Services Limited
<b>2018290776</b>	Dwyer Instruments, Inc.	<b>2019201379</b>	Covidien LP
<b>2018293753</b>	Nuovo Pignone Tecnologie - S.r.l	<b>2019201481</b>	Marine Canada Acquisition Inc.
<b>2018296306</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2019201565</b>	La-Z-Boy Incorporated
<b>2018297035</b>	3D Glass Solutions, Inc.	<b>2019201593</b>	Orange Maker LLC
<b>2018297757</b>	JFE Steel Corporation	<b>2019201685</b>	Hyperfine Research, Inc.
<b>2018298060</b>	Torque Therapeutics, Inc.		
<b>2018300549</b>	Siemens Aktiengesellschaft		
<b>2018300577</b>	Interwell Norway AS		

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2019201702	Medtronic Xomed, Inc.	2019279987	Freedom Solutions Group, LLC
2019201882	Ionis Pharmaceuticals, Inc.	2019280034	Halliburton Energy Services, Inc.
2019201950	Dow AgroSciences LLC	2019280041	NTT DOCOMO, Inc.
2019201951	Dow AgroSciences LLC	2019280050	Sony Corporation
2019202396	The Travel Bag Company Pty Ltd	2019283800	Welch Allyn, Inc.
2019202449	Fluorescentric, Inc.	2019284114	Covidien LP
2019202618	LG Electronics Inc.	2019284140	Medtronic Minimed, Inc.
2019202679	Intact Vascular, Inc.	2019285660	China University of Mining and Technology, Beijing
2019202689	AirWatch LLC	2019291869	Niantic, Inc.
2019202934	LG Electronics Inc.	2019312556	IB Operations Pty Ltd
2019203166	The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services; Walter Reed Army Institute of Research	2019333948	Shandong University of Science and Technology
2019203241	Barwick, A.C.	2020200116	Blaze Bioscience, Inc.
2019203256	Huawei Technologies Co., Ltd.	2020200199	Panduit Corp.
2019203496	NOWWWW.US PTY LTD	2020200208	NantOmics, LLC
2019203522	Knorr-Bremse Systeme für Schienenfahrzeuge GmbH	2020200449	Dolby International AB
2019203609	OPKO Biologics Ltd.	2020200494	Heraeus Medical GmbH
2019203966	QuiaPEG Pharmaceuticals AB	2020200509	Parisien, B.; Fung, D.; Vered, R.; Wight, J.
2019204186	Fuji Xerox Co., Ltd.	2020200917	HGCI, Inc.
2019204359	Natrix Separations Inc.	2020201037	Seoul National University Hospital; Research & Business Foundation Sungkyunkwan University; Korea Advanced Institute of Science and Technology
2019204650	CHILDREN'S MEDICAL CENTER CORPORATION	2020201141	IGT
2019204701	LG ELECTRONICS INC.	2020201267	Tokitae LLC
2019204992	OpenTV, Inc.	2020201312	Lockdowel, Inc.
2019206018	China Medical University Hospital	2020201425	Apple Inc.
2019206067	Illumina, Inc.	2020202010	CareFusion 303, Inc.
2019206390	Carty, T.; Deyo Jr., H.	2020202081	Medytox Inc.
2019207254	Huawei Technologies Co., Ltd.	2020202313	Warsaw Orthopedic, Inc.
2019208270	Baxter Corporation Englewood	2020202802	MAKO Surgical Corp.
2019210628	Warsaw Orthopedic, Inc.	2020203453	Apple Inc.
2019210635	LifeCell Corporation	2020203909	Ab Initio Technology LLC
2019210645	IsoLynx, LLC	2020203992	Jinko Green Energy (Shanghai) Management Co.,LTD; ZHEJIANG JINKO SOLAR CO., LTD
2019210667	Scott & White Healthcare	2020205213	Lipopharma Therapeutics, S.L
2019213382	Uber Technologies, Inc.	2020213304	Motorola Solutions, Inc.
2019213427	J.D Components Co., Ltd.	2020223763	Becton, Dickinson and Company
2019214705	Nova Fitness Co., Ltd.	2020260429	Coupang Corp.
2019216085	CJ Cheiljedang Corporation	202027286	Commercialisation Express Pty Ltd
2019216602	Dupont Industrial BioSciences USA, LLC		
2019216650	Boston Scientific Neuromodulation Corporation		
2019216677	Potrero Medical, Inc.		
2019216717	Sunrise Resort, Inc.		
2019222834	LUIGI LAVAZZA S.p.A.		
2019222844	Essenlix Corporation		
2019222937	Valley Blades Limited		
2019222940	Accenture Global Solutions Limited		
2019226169	Madrigal Pharmaceuticals, Inc.		
2019228473	Eli Lilly and Company		
2019229462	Accenture Global Solutions Limited		
2019237361	Chevron U.S.A. Inc.		
2019237372	Ramesh, B.		
2019240571	Glide Talk Ltd.		
2019240727	Pioneer Hi-Bred International, Inc.		
2019246818	Alltech, Inc.		
2019246874	Alcresta Therapeutics, Inc.		
2019250218	Union Winner International Co., Ltd.		
2019250237	Adroit Surgical, LLC		
2019251514	AML3D Limited		
2019252670	Blount, Inc.		
2019253897	Dali Systems Co. Ltd.		
2019257359	WAHL CLIPPER CORPORATION		
2019257368	Incyte Corporation		
2019257524	Ab Initio Technology LLC		
2019261677	NTT DOCOMO, INC.		
2019261689	BOE Technology Group Co., Ltd.		
2019264648	R.P. Scherer Technologies, LLC		
2019268077	AFT Pharmaceuticals Limited		
2019268207	Schneider Electric Industries SAS		
2019269391	Gilead Sciences, Inc.		
2019272055	British American Tobacco (Investments) Limited		
2019275528	Snap-on Incorporated		
2019279929	Foresee Pharmaceuticals Co., Ltd.; Li, Y.; Guarino, A.		

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2019252670	2017223698	2017248180	2019202396	2018336913	2017382440
<b><u>A01B 35 /-</u></b>	<b><u>A01N 35 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A45C 3 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61B 90 /-</u></b>
2019252670	2017232394	2016291641 2016365214 2017297285 2018248695	2019202396	2017266811 2018336913 2019202618	2016337416 2017205183
<b><u>A01B 79 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A45D 19 /-</u></b>	<b><u>A61B 1 /-</u></b>	<b><u>A61C 13 /-</u></b>
2016338648	2016324974 2019201950 2019201951	2016245959 2016291641	2017385599	2017205628	2019200020
<b><u>A01D 34 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A45D 27 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61C 17 /-</u></b>
2019201031	2016287754 2016305294 2017280298	2016291641	2019257359	2015400346 2016203448 2016204209 2016214968 2016219862 2016259439 2016270984 2016277583 2016277923 2017205183 2017205978 2017207510 2017212658 2017420421 2019200690 2019210635 2019284114 2020200494 2020202313	2018361741  <b><u>A61C 3 /-</u></b>  2017207510  <b><u>A61C 8 /-</u></b>  2018207501  <b><u>A61F 13 /-</u></b>  2015412754 2016259243 2019210635
<b><u>A01D 69 /-</u></b>	<b><u>A01N 57 /-</u></b>	<b><u>A23L 11 /-</u></b>	<b><u>A46B 13 /-</u></b>	<b><u>A46B 15 /-</u></b>	<b><u>A61F 2 /-</u></b>
2019201031	2017280298	2017238206	2018361741	2018361741	2016270984 2016275073 2016284490 2016290334 2016337416 2017212658 2018359016 2019202679 2019210628 2020202313
<b><u>A01G 23 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23L 13 /-</u></b>	<b><u>A47B 47 /-</u></b>	<b><u>A47B 47 /-</u></b>	<b><u>A61F 13 /-</u></b>
2016306213	2019200628	2017223698	2016364705	2016364705	2015412754 2016259243 2019210635
<b><u>A01G 27 /-</u></b>	<b><u>A01N 65 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A47B 96 /-</u></b>	<b><u>A47C 1 /-</u></b>	<b><u>A61F 2 /-</u></b>
2017258934	2016324974	2017238206	2016364705	2019201565	2016270984 2016275073 2016284490 2016290334 2016337416 2017212658 2018359016 2019202679 2019210628 2020202313
<b><u>A01G 7 /-</u></b>	<b><u>A01P 1 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47C 17 /-</u></b>	<b><u>A47C 17 /-</u></b>	<b><u>A61F 5 /-</u></b>
2020200917	2017232394	2016381977 2017297285	2016364705	2017344752	2015370672 2017269763
<b><u>A01H 5 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23L 3 /-</u></b>	<b><u>A47C 31 /-</u></b>	<b><u>A47C 31 /-</u></b>	<b><u>A61F 9 /-</u></b>
2015230748 2015231804	2017280298	2016318340 2016354522 2017223698	2017344752	2017344752	2016244394 2016277923 2016284490
<b><u>A01K 29 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A47C 7 /-</u></b>	<b><u>A61G 12 /-</u></b>
2018220079 2018260961	2016324974	2016326347 2016365214 2017297285	2019201565	2019201565	2016337416
<b><u>A01K 3 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A47F 3 /-</u></b>	<b><u>A47F 3 /-</u></b>	<b><u>A61G 12 /-</u></b>
2017331802	2016305294	2019272055	2015370651	2015370651	2016244394 2016277923 2016284490
<b><u>A01K 63 /-</u></b>	<b><u>A21D 2 /-</u></b>	<b><u>A24B 3 /-</u></b>	<b><u>A47G 29 /-</u></b>	<b><u>A47G 29 /-</u></b>	<b><u>A61G 12 /-</u></b>
2018263095	2016336343	2019272055	2016308479	2016308479	2016219862 2017205183 2020202802
<b><u>A01K 67 /-</u></b>	<b><u>A23B 4 /-</u></b>	<b><u>A24D 3 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61B 46 /-</u></b>
2015276978	2017223698	2019272055	2016354522	2016354522	2016219862 2017205183
<b><u>A01K 89 /-</u></b>	<b><u>A23C 1 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A47K 10 /-</u></b>	<b><u>A61B 5 /-</u></b>
2017220617	2017297285	2019200330 2019272055	2016409478	2016409478	2015370672 2017430855 2018220079 2018260961 2019200545
<b><u>A01M 13 /-</u></b>	<b><u>A23C 19 /-</u></b>	<b><u>A41D 19 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>A47L 11 /-</u></b>	<b><u>A61B 50 /-</u></b>
2016318340	2016381977	2016321449	2019202618 2019202934	2019202618 2019202934	2016244394 2016270984 2016361823
<b><u>A01N 25 /-</u></b>	<b><u>A23C 21 /-</u></b>	<b><u>A42B 3 /-</u></b>			
2017232394	2017297285				
<b><u>A01N 31 /-</u></b>	<b><u>A23C 9 /-</u></b>				
2017223698 2017232394	2017297285				

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2020201267	<b><u>A61K 35 /-</u></b>	2017323898	<b><u>A61M 37 /-</u></b>	2016337309	<b><u>A61P 7 /-</u></b>
<b><u>A61J 3 /-</u></b>	2015216875	2019201882	2016214968	2016348493	2015276237
2016268045	2015308818	2020200208	2016270984	<b><u>A61P 27 /-</u></b>	2016308553
2016270941	2015314685	<b><u>A61K 51 /-</u></b>	<b><u>A61M 39 /-</u></b>	2016337309	<b><u>A61P 9 /-</u></b>
2019208270	2015332168	2015323328	2020202010	2017300558	2015330905
<b><u>A61J 7 /-</u></b>	2016365214	<b><u>A61K 8 /-</u></b>	<b><u>A61M 5 /-</u></b>	<b><u>A61P 29 /-</u></b>	2017235618
2015253309	2017223698	2017232394	2016214968	2015406253	2018266106
2019208270	2018298060	2018227813	2016308553	2016209247	2018330633
<b><u>A61K 31 /-</u></b>	2019206018	<b><u>A61K 9 /-</u></b>	2016365938	2017294643	<b><u>A61Q 17 /-</u></b>
2015260725	2015256075	2015306198	2016383497	2017416327	2018227813
2015277924	2015276237	2015317447	2017420421	2019268077	<b><u>A62B 18 /-</u></b>
2015284263	2015283805	2015330905	2018319544	2020201037	2016275127
2015306198	2015288918	2015360386	2018319545	<b><u>A61P 3 /-</u></b>	<b><u>A62D 1 /-</u></b>
2015317447	2015308818	2016226151	2019200586	2015332168	2017232927
2015325055	2015332168	2016275311	2019204650	2016314170	<b><u>A63B 21 /-</u></b>
2015326506	2015357551	2016297153	2019284140	2016336133	2015370672
2015330905	2016257724	2016274897	<b><u>A61N 1 /-</u></b>	2017270485	<b><u>A63B 23 /-</u></b>
2015360386	2016274897	2016293619	2015370672	2020202081	2015370672
2015363042	2016293619	2016314170	2016284490	<b><u>A61P 31 /-</u></b>	<b><u>A63B 24 /-</u></b>
2015406253	2016314170	2016341409	2019201702	2016287754	2015370672
2016215179	2016341409	2018212756	2019216650	2016356726	<b><u>A63B 55 /-</u></b>
2016262985	2018212756	2018266106	<b><u>A61N 5 /-</u></b>	2017231817	2019216717
2016274664	2018266106	2018298060	2016277584	2017286368	<b><u>A63C 17 /-</u></b>
2016308553	2018298060	2019201075	2017382440	2017408164	2019213427
2016315720	2019201075	2019210667	2019201379	2018392212	<b><u>A63F 13 /-</u></b>
2016319107	2019210667	2020200116	<b><u>A61P 1 /-</u></b>	2019203166	2016214083
2016323977	2020200116	2020201037	2015283805	<b><u>A61P 35 /-</u></b>	2020201141
2016326347	2020201037	<b><u>A61L 27 /-</u></b>	2015289642	2015254257	2016269728
2016336133	<b><u>A61K 39 /-</u></b>	2016305968	2018330633	2015284263	<b><u>B01D 11 /-</u></b>
2016336343	2015254257	2016323389	<b><u>A61P 11 /-</u></b>	2015308818	2015376292
2016337309	2015280275	<b><u>A61L 29 /-</u></b>	2015330905	2015334717	<b><u>B01D 35 /-</u></b>
2016348493	2015283805	2016323389	<b><u>A61P 13 /-</u></b>	2015406253	2016214083
2016356726	2015308818	2020223763	2017235618	2016303021	2020201141
2016366306	2015323334	<b><u>A61L 31 /-</u></b>	<b><u>A61P 15 /-</u></b>	2016324370	<b><u>B01D 46 /-</u></b>
2017231817	2016232839	2016323389	2019200941	2016366306	2018311553
2017235618	2016258976	2020223763	<b><u>A61P 17 /-</u></b>	2017246452	<b><u>B01D 53 /-</u></b>
2017246452	2016287754	<b><u>A61L 31 /-</u></b>	2015406253	2017280412	2016318340
2017269256	2016287754	2016323389	2017416327	2017374721	2018282431
2017270485	2016303021	<b><u>A61M 1 /-</u></b>	2018227813	2018256423	2018311553
2017280412	2016314170	2016282767	2018330633	2018286221	<b><u>B01D 61 /-</u></b>
2017286368	2017366410	<b><u>A61M 11 /-</u></b>	<b><u>A61P 19 /-</u></b>	2018298060	2017200496
2017294643	2018208844	2016275311	2015288918	2018371966	2018282431
2017297285	2018220150	<b><u>A61M 15 /-</u></b>	2015406253	2018392212	2018311553
2017300558	2018233403	2016275311	2017270485	2019201075	<b><u>B01D 39 /-</u></b>
2017374721	2018298060	<b><u>A61M 16 /-</u></b>	<b><u>A61P 21 /-</u></b>	2019206018	2019204359
2017416327	2018298060	2016275311	2015288918	2019228473	<b><u>B01D 46 /-</u></b>
2018256423	2019200941	<b><u>A61M 15 /-</u></b>	2015406253	2019269391	2018311553
2018266106	2019203166	2016275311	2017270485	<b><u>A61P 37 /-</u></b>	<b><u>B01D 53 /-</u></b>
2018286221	<b><u>A61K 41 /-</u></b>	<b><u>A61M 15 /-</u></b>	<b><u>A61P 19 /-</u></b>	2016209247	2016318340
2018330633	2015257334	2016275311	2015288918	2016274664	2018282431
2018371966	<b><u>A61K 45 /-</u></b>	<b><u>A61M 16 /-</u></b>	2015406253	2016366306	2018311553
2018392212	2015330905	2016275127	2017270485	2018330633	<b><u>B01D 61 /-</u></b>
2019201882	2018266106	2020203453	<b><u>A61P 25 /-</u></b>	2018330633	2017200496
2019203166	2018266106	<b><u>A61M 25 /-</u></b>	2015357551	<b><u>A61P 39 /-</u></b>	2018282431
2019228473	2019246818	2016259243	2016315720	2020201037	2018311553
2019246818	2019257368	2019250237	<b><u>A61P 5 /-</u></b>	<b><u>A61P 5 /-</u></b>	2018311553
2019257368	2019268077	2020223763	<b><u>A61P 25 /-</u></b>	2018330633	2017200496
2019268077	2019269391	2020201037	<b><u>A61P 25 /-</u></b>	2018330633	2018282431
2019269391	2020202081	<b><u>A61M 27 /-</u></b>	<b><u>A61P 25 /-</u></b>	2018330633	2018282431
2020202081	2020205213	2019216677	<b><u>A61P 25 /-</u></b>	2018330633	2018282431
2020205213	<b><u>A61K 33 /-</u></b>	<b><u>A61M 27 /-</u></b>	<b><u>A61P 25 /-</u></b>	2018330633	2018282431
<b><u>A61K 33 /-</u></b>	2015257334	2019216677	<b><u>A61P 25 /-</u></b>	2018330633	2018282431
2015257334	2016324370	<b><u>A61K 48 /-</u></b>	<b><u>A61P 25 /-</u></b>	2018330633	2018282431
2016324370	2015277924	2015277924	<b><u>A61P 25 /-</u></b>	2018330633	2018282431

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2019204359	2016275311	2017266811	2019252670	2015403299	2018375185
<b><u>B01D 69 /-</u></b>	<b><u>B05B 15 /-</u></b>	<b><u>B25J 19 /-</u></b>	<b><u>B60K 17 /-</u></b>	<b><u>B63H 20 /-</u></b>	2019202396
2019204359	2016293309	2016293309	2016303907	2019201481	2019222834
<b><u>B01D 71 /-</u></b>	<b><u>B05B 7 /-</u></b>	2017266811	<b><u>B60K 23 /-</u></b>	<b><u>B63H 21 /-</u></b>	<b><u>B65G 15 /-</u></b>
2019204359	2016275311	2017266811	2016303907	2019201481	2016247024
<b><u>B01F 1 /-</u></b>	<b><u>B05D 5 /-</u></b>	<b><u>B25J 9 /-</u></b>	<b><u>B60L 3 /-</u></b>	2019203241	<b><u>B65G 17 /-</u></b>
2018313976	2017223698	2017266811	2019216717	2019203241	2016247024
<b><u>B01F 15 /-</u></b>	<b><u>B07C 5 /-</u></b>	<b><u>B26B 19 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>B63H 23 /-</u></b>	<b><u>B65G 19 /-</u></b>
2018288489	2016247024	2019257359	2018287147	2018262866	2016247024
<b><u>B01F 3 /-</u></b>	<b><u>B08B 3 /-</u></b>	<b><u>B27L 1 /-</u></b>	<b><u>B60R 13 /-</u></b>	<b><u>B63H 25 /-</u></b>	<b><u>B65G 23 /-</u></b>
2016269728	2015371732	2016306213	2018287147	2019201481	2016338265
<b><u>B01F 5 /-</u></b>	<b><u>B09B 3 /-</u></b>	<b><u>B29C 65 /-</u></b>	<b><u>B60S 5 /-</u></b>	<b><u>B64C 13 /-</u></b>	<b><u>B65H 57 /-</u></b>
2018288489	2017292997	2016304696	2017220380	2017252251	2017331802
<b><u>B01J 14 /-</u></b>	<b><u>B21J 15 /-</u></b>	2017200211	<b><u>B60T 13 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>B65H 75 /-</u></b>
2016244187	2016254520	<b><u>B29C 67 /-</u></b>	2019203522	2017252251	2017220617
<b><u>B01J 19 /-</u></b>	<b><u>B22F 7 /-</u></b>	2019201593	<b><u>B60T 17 /-</u></b>	<b><u>B64C 29 /-</u></b>	<b><u>B67D 1 /-</u></b>
2016244187	2016290334	<b><u>B29C 73 /-</u></b>	2019200526	2017252251	2016264985
<b><u>B01J 20 /-</u></b>	<b><u>B23B 51 /-</u></b>	<b><u>B32B 27 /-</u></b>	2019203522	<b><u>B65B 17 /-</u></b>	<b><u>B81B 7 /-</u></b>
2016250296	2017207510	2017200211	<b><u>B60T 8 /-</u></b>	2018212559	2016257777
<b><u>B01L 3 /-</u></b>	<b><u>B23B 7 /-</u></b>	2018229690	2019203522	<b><u>B65B 35 /-</u></b>	<b><u>B81C 1 /-</u></b>
2015353747	2016275327	<b><u>B33Y 10 /-</u></b>	<b><u>B61B 12 /-</u></b>	2018212559	2016257777
2016232703	<b><u>B23C 3 /-</u></b>	2019251514	2018285148	<b><u>B65D 25 /-</u></b>	<b><u>B81C 99 /-</u></b>
2016250580	<b><u>B33Y 30 /-</u></b>	2019251514	2018285198	2016244394	2016250296
2018376758	2018300549	<b><u>B33Y 50 /-</u></b>	<b><u>B61L 15 /-</u></b>	<b><u>B65D 30 /-</u></b>	<b><u>B82Y 35 /-</u></b>
<b><u>B02C 19 /-</u></b>	<b><u>B23K 9 /-</u></b>	2018423506	2019202396	2019202396	2015330241
2016308553	2019251514	<b><u>B61L 27 /-</u></b>	<b><u>B65D 47 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>B82Y 40 /-</u></b>
<b><u>B02C 21 /-</u></b>	<b><u>B23P 6 /-</u></b>	2018423506	2016244394	2016244394	2016250296
2019312556	2018300549	<b><u>B61L 3 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>B82Y 5 /-</u></b>
<b><u>B02C 23 /-</u></b>	<b><u>B23Q 17 /-</u></b>	2015402332	2016261635	2016261635	2016250296
2019312556	2016254520	<b><u>B41M 3 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C01B 25 /-</u></b>
<b><u>B02C 4 /-</u></b>	2018300549	<b><u>B41M 5 /-</u></b>	2018229690	2018229690	2016307064
2018271054	<b><u>B23Q 9 /-</u></b>	2016346210	<b><u>B65D 77 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C01B 33 /-</u></b>
<b><u>B03B 9 /-</u></b>	2018300549	<b><u>B42D 25 /-</u></b>	2019202396	2019202396	2016250296
2019312556	<b><u>B24C 1 /-</u></b>	2015402332	<b><u>B62B 5 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C02F 1 /-</u></b>
<b><u>B03C 1 /-</u></b>	2018369968	2017372587	2016367642	2016244394	2015376292
2015352482	<b><u>B25H 1 /-</u></b>	<b><u>B60B 27 /-</u></b>	2016367642	2016354522	2016215195
<b><u>B03D 1 /-</u></b>	2016215268	2019203241	<b><u>B62B 1 /-</u></b>	2020200509	2020200509
2016379971	<b><u>B25J 1 /-</u></b>	<b><u>B60F 3 /-</u></b>	2015403299	<b><u>B65D 83 /-</u></b>	<b><u>C02F 3 /-</u></b>
	2016293309	2019203241	2018330542	2016275311	2017223698
		2016284168	2019203241	<b><u>B65D 85 /-</u></b>	

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<b><u>C03C 15 /-</u></b>	<b><u>C07C 409 /-</u></b>	2017270485 2019201951	2016348493 2017231817 2017246452 2018256423	<b><u>C07F 9 /-</u></b>	<b><u>C07K 7 /-</u></b>
2018297035	2017223698			2019203966	2015289642 2016257724 2016293619 2016335061 2019226169
<b><u>C04B 111 /-</u></b>	<b><u>C07C 59 /-</u></b>	<b><u>C07D 261 /-</u></b>		<b><u>C07H 19 /-</u></b>	
2016353474 2018394147	2020205213	2016337309	<b><u>C07D 403 /-</u></b>	2015363042	
<b><u>C04B 28 /-</u></b>	<b><u>C07C 69 /-</u></b>	<b><u>C07D 263 /-</u></b>	2016348493 2017231817 2018256423 2018286221 2019228473	<b><u>C07H 21 /-</u></b>	<b><u>C07K 9 /-</u></b>
2016353474 2018394147	2018241897	2016337309 2019201951		2018392212 2019201882	2016356726
<b><u>C04B 38 /-</u></b>	<b><u>C07C 7 /-</u></b>	<b><u>C07D 265 /-</u></b>		<b><u>C07H 3 /-</u></b>	<b><u>C08B 37 /-</u></b>
2018282431	2018282431	2018224411	<b><u>C07D 405 /-</u></b>	2017297285	2016336343 2019216602
2016353474	<b><u>C07D 205 /-</u></b>	<b><u>C07D 277 /-</u></b>	2016337309 2018256423	<b><u>C07J 9 /-</u></b>	<b><u>C08G 65 /-</u></b>
<b><u>C04B 41 /-</u></b>	2019201950 2019201951	2019201951	<b><u>C07D 407 /-</u></b>	2016215179	2016324370
2016201774	<b><u>C07D 207 /-</u></b>	<b><u>C07D 281 /-</u></b>	2016356726	<b><u>C07K 1 /-</u></b>	<b><u>C08G 69 /-</u></b>
<b><u>C07C 229 /-</u></b>	2017231817 2019201951	2016323977	<b><u>C07D 413 /-</u></b>	2016335061	2016324370
2017300558	<b><u>C07D 209 /-</u></b>	<b><u>C07D 285 /-</u></b>	2016337309 2018330633	<b><u>C07K 14 /-</u></b>	<b><u>C08G 73 /-</u></b>
<b><u>C07C 237 /-</u></b>	2017269256 2019201951	2016323977 2019201951	<b><u>C07D 417 /-</u></b>	2015276978 2015289642 2015308818 2016257724 2016258976 2016274897 2016287754 2016293619 2016303021 2016314170 2016341409 2017235382 2017366410 2019203166 2019203609 2019240727 2020200116	2016244187
2019201950 2019201951	<b><u>C07D 211 /-</u></b>	2018258947 2019201950 2019201951	2016337309 2017408164 2018286221 2019201951	<b><u>C08G 75 /-</u></b>	2016244187
<b><u>C07C 255 /-</u></b>	2016315720	<b><u>C07D 213 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C08G 81 /-</u></b>	
2017300558 2019201950 2019201951	<b><u>C07D 215 /-</u></b>	<b><u>C07D 303 /-</u></b>	2015406253 2017286368 2017374721 2018371966 2019201951	2019203966	2019203966
<b><u>C07C 259 /-</u></b>	2018256423 2019201951	2016366306	<b><u>C07D 487 /-</u></b>	<b><u>C08K 9 /-</u></b>	
2019201951	<b><u>C07D 215 /-</u></b>	<b><u>C07D 305 /-</u></b>	2017246452 2017280412 2017286368 2018256423	2016270692	
<b><u>C07C 271 /-</u></b>	2019201951	2019201950 2019201951	<b><u>C07D 491 /-</u></b>	<b><u>C08L 101 /-</u></b>	
2019201951	<b><u>C07D 231 /-</u></b>	<b><u>C07D 307 /-</u></b>	2018256423	2016305968	
<b><u>C07C 309 /-</u></b>	2015406253 2016305294 2017269256 2017280298 2017294643 2019201951	2016337309 2017367187 2019201951	<b><u>C07D 495 /-</u></b>	<b><u>C08L 15 /-</u></b>	2017299685
2016319107	<b><u>C07D 215 /-</u></b>	<b><u>C07D 309 /-</u></b>	2015254257 2015254558 2015260725 2015267045 2015276978 2015308818 2016222830 2016232839 2016274897 2016314170 2016341409 2018220150 2018233403 2019200764 2019201075 2019206018	<b><u>C08L 27 /-</u></b>	2017299685
<b><u>C07C 311 /-</u></b>	2019201951	2019201950 2019201951	<b><u>C07D 498 /-</u></b>	<b><u>C08L 33 /-</u></b>	
<b><u>C07C 317 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 311 /-</u></b>	2018256423	2016305968	
2019201951	2019201951	2015406253	<b><u>C07D 499 /-</u></b>	<b><u>C08L 5 /-</u></b>	
<b><u>C07C 319 /-</u></b>	<b><u>C07D 235 /-</u></b>	2017300558	2017246452 2017280412 2017286368 2018256423	2016347044 2019216602	
2019201951	2019201951	<b><u>C07D 311 /-</u></b>	<b><u>C07D 513 /-</u></b>	<b><u>C08L 75 /-</u></b>	
<b><u>C07C 323 /-</u></b>	<b><u>C07D 237 /-</u></b>	2019201950 2019201951	2017286368 2019269391	2016305968	
2018241897 2019201951 2019216085	2019201951	<b><u>C07D 333 /-</u></b>	<b><u>C07D 519 /-</u></b>	<b><u>C08L 83 /-</u></b>	
<b><u>C07C 331 /-</u></b>	<b><u>C07D 239 /-</u></b>	2017300558 2019201950 2019201951	2017374721 2018256423	2017232927	
2019201951	2019201951	<b><u>C07D 401 /-</u></b>	<b><u>C07F 15 /-</u></b>	<b><u>C08L 91 /-</u></b>	
<b><u>C07C 381 /-</u></b>	2018256423	2015326506 2016305294 2016337309	2016324370	2017299685	
2019201951	<b><u>C07D 241 /-</u></b>			<b><u>C09D 105 /-</u></b>	
	<b><u>C07D 249 /-</u></b>				
	2017231817				



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2016347044	2019240727		<b><u>E02F 3 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F16B 2 /-</u></b>
<b><u>C09D 129 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>C23C 14 /-</u></b>			
		2018385554	2019222937	2018300577	2020200199
2016347044	2015216875		<b><u>E02F 9 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F16B 5 /-</u></b>
<b><u>C09D 131 /-</u></b>	2015231804	<b><u>C23C 2 /-</u></b>			
	2015257334		2018210524	2015365650	2016364705
2016347044	2015259877	2015414534		2018218542	2020201312
<b><u>C09K 21 /-</u></b>	2015308818	2018297757	<b><u>E03B 7 /-</u></b>		
	2015372420			<b><u>E21B 43 /-</u></b>	<b><u>F16D 35 /-</u></b>
	2018298060	<b><u>C23C 22 /-</u></b>	2016246860		
2017232927	2019206018	2015365719	<b><u>E03C 1 /-</u></b>	2015202099	2016333789
<b><u>C09K 8 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>C23F 4 /-</u></b>		2015365650	<b><u>F16F 1 /-</u></b>
			2017385599	<b><u>E21B 49 /-</u></b>	
2016391050	2015310965	2016201774	2018212003		2016284168
<b><u>C10L 9 /-</u></b>	2016245959		<b><u>E04B 1 /-</u></b>	2016391050	2019252670
	2018333356	<b><u>C25B 1 /-</u></b>		<b><u>E21B 7 /-</u></b>	<b><u>F16F 7 /-</u></b>
	2020200116		2015302015		
2018378746	<b><u>C12P 1 /-</u></b>	2016215195	<b><u>E04C 2 /-</u></b>	2017217560	2015370672
<b><u>C10M 105 /-</u></b>		<b><u>C25B 3 /-</u></b>		<b><u>E21F 15 /-</u></b>	2016303585
	2018333356		2017244135		<b><u>F16H 57 /-</u></b>
2018241897	<b><u>C12P 13 /-</u></b>	2016215195	<b><u>E04F 10 /-</u></b>	2018376026	2016338265
<b><u>C11D 3 /-</u></b>		<b><u>C25B 9 /-</u></b>		<b><u>E21F 7 /-</u></b>	
	2016326347		2016275327		<b><u>F16K 1 /-</u></b>
2018368558	2019216085	2015345401	<b><u>E04F 13 /-</u></b>	2018421568	2015371732
<b><u>C12G 3 /-</u></b>	2019279929	<b><u>C25D 11 /-</u></b>		<b><u>F01D 19 /-</u></b>	
	<b><u>C12P 19 /-</u></b>		2016364705		<b><u>F16L 1 /-</u></b>
2017218791		2015365719	<b><u>E04F 15 /-</u></b>	2018293753	2016308613
2017248180	2016245959			<b><u>F01D 5 /-</u></b>	
<b><u>C12H 1 /-</u></b>	2017238206	<b><u>C40B 40 /-</u></b>	2016364705	2018300549	<b><u>F16L 3 /-</u></b>
	2018212756				2017244135
2017218791	<b><u>C12P 21 /-</u></b>	2016222830	<b><u>E04H 17 /-</u></b>	<b><u>F02C 7 /-</u></b>	
<b><u>C12M 1 /-</u></b>		<b><u>D06F 37 /-</u></b>			<b><u>F16L 41 /-</u></b>
	2015254257	2019204701	2017331802	2018293753	2018347535
	2018233403		<b><u>E05B 47 /-</u></b>		
2015215750	<b><u>C12Q 1 /-</u></b>	<b><u>D06M 15 /-</u></b>		<b><u>F03D 13 /-</u></b>	<b><u>F16L 55 /-</u></b>
2015394633			2017364644	2018330542	2018347535
2016250580	2014361730	2016347044	<b><u>E05F 15 /-</u></b>	<b><u>F03D 7 /-</u></b>	
2017255912	2014377537				<b><u>F16M 11 /-</u></b>
<b><u>C12M 3 /-</u></b>	2015215750	<b><u>D21H 13 /-</u></b>	2018219550	2018386361	2017384613
	2015254257			<b><u>F03G 7 /-</u></b>	
2015394633	2015300778	2019216602	<b><u>E06B 9 /-</u></b>		<b><u>F16M 13 /-</u></b>
2016250580	2015353747	<b><u>D21H 19 /-</u></b>		2017217560	2017384613
	2016295158		2016275327	<b><u>F04B 49 /-</u></b>	
<b><u>C12N 1 /-</u></b>	2016297513	2016346210	2018219550		<b><u>F16S 1 /-</u></b>
	2016383531	2016347044	2019250218	2015371732	2016364705
2016258976	2017267184	<b><u>D21H 21 /-</u></b>	2020277286	<b><u>F04D 1 /-</u></b>	<b><u>F21K 9 /-</u></b>
2016365214	2017369018		<b><u>E21B 17 /-</u></b>		2017306706
2018333356	2019206067	2016347044		2016231483	
<b><u>C12N 15 /-</u></b>	<b><u>C12R 1 /-</u></b>	2016409478	2017217560	<b><u>F04D 13 /-</u></b>	<b><u>F21S 2 /-</u></b>
		<b><u>D21H 27 /-</u></b>	<b><u>E21B 19 /-</u></b>		
2014306416	2018333356			2016231483	2017306706
2015215750	<b><u>C22B 1 /-</u></b>	2016409478	2018375185		<b><u>F21S 2 /-</u></b>
2015231804		<b><u>E02B 17 /-</u></b>	<b><u>E21B 21 /-</u></b>	2016231483	2017306706
2015259877	2019312556			2018263095	
2015260725		<b><u>E02D 31 /-</u></b>	2016391050	<b><u>F04D 29 /-</u></b>	<b><u>F21V 23 /-</u></b>
2015276978	<b><u>C22B 11 /-</u></b>				
2015277924		2018330542	<b><u>E21B 33 /-</u></b>	2016231483	2017306706
2015280275	<b><u>C22B 3 /-</u></b>	2016295764		<b><u>F16B 12 /-</u></b>	<b><u>F21V 29 /-</u></b>
2015288918		<b><u>E02F 1 /-</u></b>	2015365650		2020200917
2015310965	2016246751		2018218542	2016364705	
2015353747	<b><u>C22C 18 /-</u></b>	2018210524	2018300577	2020201312	
2016222830			2018421568		
2016245959					
2018212756					
2018226493					
2019203166	2018297757				

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<b><u>F21Y 113 /-</u></b>	2015345401 2018370396	<b><u>G01M 99 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 1 /-</u></b>	2018301994 2018311661 2018327983
2017306706	<b><u>F28D 20 /-</u></b>	2017344752	2019204992	2018406326	
<b><u>F21Y 115 /-</u></b>	2018370396	<b><u>G01N 1 /-</u></b>	<b><u>G01S 3 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G06N 3 /-</u></b>
2017306706	<b><u>F28D 21 /-</u></b>	2015318537	2019253897	2019229462	2018288720 2020260429
<b><u>F24F 1 /-</u></b>	2015371705	<b><u>G01N 15 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06F 12 /-</u></b>	<b><u>G06Q 10 /-</u></b>
2018228986	<b><u>F28D 9 /-</u></b>	2015330241 2017382440	2015203457 2015218416 2019237361	2018306114	2017387765 2019200891 2019213382 2019229462
<b><u>F24F 11 /-</u></b>	2015371705	<b><u>G01N 21 /-</u></b>	<b><u>G01V 3 /-</u></b>	<b><u>G06F 13 /-</u></b>	
2017338197 2018228986 2018276888 2018302611	<b><u>F28F 9 /-</u></b>	2015300778 2015330241 2016247024 2019202449	2019280034	2018274871	<b><u>G06Q 20 /-</u></b>
<b><u>F24F 13 /-</u></b>	<b><u>F41G 1 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G01V 8 /-</u></b>	<b><u>G06F 15 /-</u></b>	2017384613 2019237372
2018228986	2016278051	2018300549	2015301640	2019222940	
<b><u>F24F 140 /-</u></b>	<b><u>G01B 11 /-</u></b>	<b><u>G01N 3 /-</u></b>	<b><u>G02B 21 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 40 /-</u></b>
2018302611	2016254520	2019285660	2015330241 2018375185	2016220252 2017387765 2018212531 2020203909	2016245868
<b><u>F25B 1 /-</u></b>	<b><u>G01B 15 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G02B 5 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06Q 50 /-</u></b>
2017338197 2017420948 2018302611	2015333544	2019202449	2015402332 2015412776 2016225962	2015255223 2016238832 2016245868 2018212559	2016338648 2016367094 2019208270
<b><u>F25B 13 /-</u></b>	2015330241	<b><u>G01N 33 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06T 19 /-</u></b>
2018302611	<b><u>G01C 15 /-</u></b>	2015254257 2015330241 2015353747 2016209247 2016297513 2016314170 2017233132 2018376758 2019222844	2015412776 2016275073	2018353931 2018423506 2019202689 2019203256 2019203496 2020260429	2019201358 2019210645 2019291869
<b><u>F25B 23 /-</u></b>	2014274650	<b><u>G01C 19 /-</u></b>	<b><u>G02F 1 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06T 7 /-</u></b>
2015370651	<b><u>G01C 19 /-</u></b>	2015370672	2015353823 2015402332	2018353931 2018423506 2019202689 2019203256 2019203496 2020260429	2017249265 2019201358 2019291869
<b><u>F25B 39 /-</u></b>	2015370672	<b><u>G01D 18 /-</u></b>	<b><u>G03B 15 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G07C 9 /-</u></b>
2015371705	2019214705	<b><u>G01N 35 /-</u></b>	2016247024	2016428048 2017364644 2019275528	2017359915 2017364644 2019275528
<b><u>F25B 43 /-</u></b>	<b><u>G01F 1 /-</u></b>	2016232703 2018375185	<b><u>G03B 19 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G07D 7 /-</u></b>
2017338197	2018290776	<b><u>G01N 9 /-</u></b>	2016247024	2018353931 2018423506 2019202689 2019203256 2019204186 2019257524 2020203453	2017249265 2019201358 2019291869
<b><u>F25B 5 /-</u></b>	<b><u>G01F 15 /-</u></b>	2016379971	<b><u>G03B 29 /-</u></b>	<b><u>G06F 30 /-</u></b>	<b><u>G07D 9 /-</u></b>
2017338197	2018290776	<b><u>G01P 13 /-</u></b>	2016247024	2020213304	2015402332
<b><u>F25D 11 /-</u></b>	2018290776	2018290776	<b><u>G03F 7 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G07D 9 /-</u></b>
2015370651	<b><u>G01F 23 /-</u></b>	<b><u>G01P 5 /-</u></b>	2017429631	2019279987	2015288957
<b><u>F25D 17 /-</u></b>	2015332218 2016379971	2018290776	<b><u>G05B 19 /-</u></b>	<b><u>G06F 7 /-</u></b>	<b><u>G07F 17 /-</u></b>
2016354522 2018386132	<b><u>G01J 3 /-</u></b>	2018290776	2018300549	2020203909	2018275009
<b><u>F25D 23 /-</u></b>	2015277218	<b><u>G01R 21 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G07G 1 /-</u></b>
2019200891	<b><u>G01J 5 /-</u></b>	2016367094	2017252251 2018210524 2019216717	2017387765 2019222940	2017384613
<b><u>F25D 25 /-</u></b>	2015318537	<b><u>G01R 31 /-</u></b>	<b><u>G05D 16 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G08B 13 /-</u></b>
2015370651	<b><u>G01M 3 /-</u></b>	2015400181 2019206390	2015371732	2017418990 2018288720 2018296306	2014202293
<b><u>F25D 3 /-</u></b>	2016246860 2016308613	<b><u>G01R 33 /-</u></b>	<b><u>G05F 1 /-</u></b>		<b><u>G08B 25 /-</u></b>
2016354522	<b><u>G01M 5 /-</u></b>	2019201685	2016367094		2014202293
<b><u>F28D 19 /-</u></b>	2016229398				<b><u>G08B 29 /-</u></b>

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2019333948	<b><u>H01L 21 /-</u></b>	2018297035	2018327983
<b><u>G08G 1 /-</u></b>	2016201774 2017429631	<b><u>H03K 19 /-</u></b>	<b><u>H04N 7 /-</u></b>
2014274650	<b><u>H01L 23 /-</u></b>	2018364957	2019240571
<b><u>G09B 7 /-</u></b>	2018297035 2020203992	<b><u>H03M 13 /-</u></b>	<b><u>H04R 1 /-</u></b>
2018212559	<b><u>H01L 27 /-</u></b>	2019200356	2016346016 2020201425
<b><u>G09G 3 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H04B 1 /-</u></b>	<b><u>H04W 16 /-</u></b>
2019261689	2016284490	2018413695	2016320012
<b><u>G10K 11 /-</u></b>	<b><u>H01L 39 /-</u></b>	<b><u>H04B 10 /-</u></b>	<b><u>H04W 28 /-</u></b>
2016280283	2020203992	2016343920	2018314059
<b><u>G10L 19 /-</u></b>	<b><u>H01L 51 /-</u></b>	<b><u>H04B 15 /-</u></b>	<b><u>H04W 36 /-</u></b>
2019280041	2017429631	2017430855	2018261914
<b><u>G10L 25 /-</u></b>	<b><u>H01M 10 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04W 4 /-</u></b>
2019280041	2020203992	2018413695	2016427305 2017440072 2019213382
<b><u>G16B 10 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04J 14 /-</u></b>	<b><u>H04W 52 /-</u></b>
2016272732	2017292997	2018371807	2016306446
<b><u>G16B 20 /-</u></b>	<b><u>H01R 4 /-</u></b>	<b><u>H04J 99 /-</u></b>	<b><u>H04W 72 /-</u></b>
2015331621	2015345401	2019280050	2017305413 2018213539 2018262843
<b><u>G16B 40 /-</u></b>	<b><u>H02G 3 /-</u></b>	<b><u>H04L 1 /-</u></b>	<b><u>H04W 76 /-</u></b>
2015331621	2015203683	2018213539 2018286304	2016306446 2018261914 2019207254
<b><u>G16B 5 /-</u></b>	<b><u>H02H 3 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04W 8 /-</u></b>
2015331621	2020200199	2017440072 2018274871 2019240571	2017440072
<b><u>G16H 20 /-</u></b>	<b><u>H02H 5 /-</u></b>	<b><u>H04L 27 /-</u></b>	<b><u>H05B 45 /-</u></b>
2019200586	2019206390	2019280050	2015345309
<b><u>G16H 80 /-</u></b>	<b><u>H02H 9 /-</u></b>	<b><u>H04L 29 /-</u></b>	<b><u>H05B 6 /-</u></b>
2019200545	2019206390	2018274985	2015281781 2019201379
<b><u>H01B 11 /-</u></b>	<b><u>H02J 13 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H05K 5 /-</u></b>
2016317828	2019206390	2018347205 2019203496	2016346016
<b><u>H01B 3 /-</u></b>	<b><u>H02J 15 /-</u></b>	<b><u>H04M 1 /-</u></b>	
2016317828	2019268207	2018372452 2018372453 2018406326 2020213304	
<b><u>H01B 7 /-</u></b>	<b><u>H02J 3 /-</u></b>	<b><u>H04M 3 /-</u></b>	
2015414534 2016317828	2018370396 2016367094	2019240571	
<b><u>H01F 17 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04N 19 /-</u></b>	
2019201685	2019257359	2019261677 2020200449	
<b><u>H01H 9 /-</u></b>	<b><u>H02S 50 /-</u></b>	<b><u>H04N 5 /-</u></b>	
2019268207	2015400181		
<b><u>H01J 37 /-</u></b>	<b><u>H03H 1 /-</u></b>		
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 (51) Int. Cl.  
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 A01D 75/00 ( 2006.01 )  
 A01F 12/42 ( 2006.01 )  
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 (21) 2020100996 (22) 12.06.2020  
 (54) AN ACCESS PANEL AND AN ASSOCIATED METHOD  
 (51) Int. Cl.  
 E06B 5/01 ( 2006.01 )  
 E04B 9/00 ( 2006.01 )  
 E04F 19/08 ( 2006.01 )  
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 (72) Rakic, John  
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 (11) AU-B-2020102019  
 (21) 2020102019 (22) 27.08.2020  
 (54) Mobile liquid blending apparatus  
 (51) Int. Cl.  
 B01F 13/00 ( 2006.01 )  
 B01F 7/16 ( 2006.01 )  
 B01F 15/00 ( 2006.01 )  
 B65D 83/00 ( 2006.01 )  
 B65D 90/16 ( 2006.01 )  
 B65D 90/20 ( 2006.01 )  
 B67D 7/30 ( 2010.01 )  
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**E04B 9 /-**

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**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2016433968 **Jeong, H.** ( FlowBee Australia Pty Ltd )  
 2017245601 **Boehringer Ingelheim Vetmedica GmbH** ( Zoetis Services LLC )

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2014320015	2014326972	2015218567	2015223205
2015230698	2015231294	2015237772	2015238891
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2015292263	2015299105	2015302873	2015303009
2015303164	2015308136	2015311216	2015315034
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2016426890	2017201850	2017203130	2017206119
2017207981	2017215121	2017216876	2017218870
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2017239144	2017270026	2017280491	2017286522
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2018255314	2018260975	2018261209	2018266449
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**Assignments Registered**

2001296476 Monsanto Technology, LLC; BAYER INTELLECTUAL PROPERTY GMBH The patent has been assigned to **BASF Corporation**

2002214627 Monsanto Technology LLC; BAYER INTELLECTUAL PROPERTY GMBH The patent has been assigned to **BASF Corporation**

2003202049 Bapco Closures Research Limited The patent has been assigned to **APTAR France SAS**

2003277426 Abaxis, Inc. The patent has been assigned to **Zoetis Services LLC**

2004218698 Biotec Pharmacon ASA The patent has been assigned to **Biotec BetaGlucans AS**

2004265129 Bapco Closures Research Ltd The patent has been assigned to **APTAR France SAS**

2005223356 Shire Orphan Therapies GmbH The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2005266155 Bapco Closures Research Ltd The patent has been assigned to **APTAR France SAS**

2007231019 Tuttoespresso S.r.l. The patent has been assigned to **Société des Produits Nestlé S.A.**

2008229948 Saferoads Pty Ltd The patent has been assigned to **Plasgain Pty Ltd**

**Assignments Registered**

2008268014 Japan Health Sciences Foundation The patent has been assigned to **JAPAN AS REPRESENTED BY THE DIRECTOR-GENERAL OF NATIONAL**

2008285697 Centre National De La Recherche Scientifique (C.N.R.S); Bio-Rad Innovations The patent has been assigned to **Centre National De La Recherche Scientifique (C.N.R.S); Bio-Rad Europe GmbH**

2009339152 Electrophoretics Limited; Bio-Rad Innovations The patent has been assigned to **Bio-Rad Europe GmbH; Electrophoretics Limited**

2010298256 Shire Orphan Therapies GmbH The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2010321790 Abaxis, Inc. The patent has been assigned to **Zoetis Services LLC**

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2011334627 Biotec Pharmacon ASA The patent has been assigned to **Biotec BetaGlucans AS**

2012215435 Institut National de la Sante et de la Recherche Medicale; Centre National De La Recherche Scientifique; Ariana Pharmaceuticals; Assistance Publique - Hopitaux de Paris; Bio-Rad Innovations The patent has been assigned to **Centre National De La Recherche Scientifique; Institut National de la Sante et de la Recherche Medicale; Bio-Rad Europe GmbH; Assistance Publique - Hopitaux de Paris; Ariana Pharmaceuticals**

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2012215437 Bio-Rad Innovations; Centre National De La Recherche Scientifique; Ariana Pharmaceuticals; Institut National de la Sante et de la Recherche Medicale; Assistance Publique - Hopitaux de Paris The patent has been assigned to **Assistance Publique - Hopitaux de Paris; Institut National de la Sante et de la Recherche Medicale; Centre National De La Recherche Scientifique; Bio-Rad Europe GmbH; Ariana Pharmaceuticals**

2012250487 Pipelion Pty Ltd The patent has been assigned to **Pipelion Operations Pty Ltd**

2012340722 Abaxis, Inc. The patent has been assigned to **Zoetis Services LLC**

2013203451 Biotec Pharmacon ASA The patent has been assigned to **Biotec BetaGlucans AS**

2013329025 Abaxis, Inc. The patent has been assigned to **Zoetis Services LLC**

2013364547 Sievecorp Europe B.V. The patent has been assigned to **Inner Mongolia Mengniu Dairy (Group) Co., Ltd.**

2014203893 Novogy, Inc. The patent has been assigned to **Ginkgo Bioworks, Inc.**

**Assignments Registered**

2014214561 Mitokinin LLC; The Regents of the University of California The patent has been assigned to **The Regents of the University of California; Mitokinin, Inc.**

2014287848 Sievecorp Europe B.V. The patent has been assigned to **Inner Mongolia Mengniu Dairy (Group) Co., Ltd.**

2014305111 Rigshospitalet Copenhagen University Hospital The patent has been assigned to **Fertilitypro ApS**

2014363599 Donesta Bioscience B.V. The patent has been assigned to **Estetra SPRL**

2015101211 Straightcurve Pty Ltd The patent has been assigned to **Sandpit Situation Pty Ltd**

2015206084 Dermal Devices Inc. The patent has been assigned to **D.T.R. DERMAL THERAPY RESEARCH INC.**

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2015209461 Abaxis, Inc. The patent has been assigned to **Zoetis Services LLC**

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2015295265 Berlin Heals Holding AG The patent has been assigned to **Berlin Heals GmbH**

2015369929 DuPont Industrial Biosciences USA, LLC The patent has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2016100393 Straightcurve Pty Ltd The patent has been assigned to **Sandpit Situation Pty Ltd**

2016215488 Dupont Industrial BioSciences USA, LLC The patent has been assigned to **Nutrition & Biosciences USA 4, Inc.**

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2016305703 Coherent Biopharma The patent has been assigned to **Coherent Biopharma I, Limited**

2017101891 SALPRO PTY LTD The patent has been assigned to **OpenMarkets Group Limited**

2017286522 Dupont Industrial BioSciences USA, LLC The patent has been assigned to **Nutrition & Biosciences USA 4, Inc.**

2018202438 The Regents of the University of California; Mitokinin LLC The patent has been assigned to **The Regents of the University of California; Mitokinin, Inc.**

2019100326 Molony, Amanda Sarah Elizabeth; O'Sullivan, Andrea Maree The patent has been assigned to **Molony, Amanda Sarah Elizabeth**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2002217082 **Novartis AG**



**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

The earliest first regulatory approval date provided by the patentee 21 Jul 2020

For the goods ATECTURA BREEZHALER 125/127.5 indacaterol (as acetate)/mometasone furoate

2007264946 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 21 Jul 2020

For the goods ATECTURA BREEZHALER 125/127.5 indacaterol (as acetate)/mometasone furoate

2009308465 **Array BioPharma Inc.**

The earliest first regulatory approval date provided by the patentee 07 Sep 2020

For the goods VITRAKVI larotrectinib

**Applications Accepted**

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

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

2011324137 **AFT Pharmaceuticals Limited**

The earliest first regulatory approval date provided by the patentee 22 Jul 2019

For the goods MAXIGESIC IV paracetamol and ibuprofen (as sodium dihydrate)

Address for service : AJ Pietras IP Limited AJ Pietras & Co Care of Col-lison & Co 117 King William Street (GPO Box 2556) Adelaide SA 5000 AU

2015200511 **Array BioPharma Inc.**

The earliest first regulatory approval date provided by the patentee 07 Sep 2020

For the goods VITRAKVI larotrectinib

Address for service : Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

**Extensions granted**

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

2006249090 **Ablynx N.V.**

The earliest first regulatory approval date provided by the patentee 05 Feb 2020

For the goods CABLIVI caplacizumab

Extension of Term of patent pursuant to Section 77 expires on 19 May 2031

2018206745 **Mundipharma Pty. Limited**

The earliest first regulatory approval date provided by the patentee 12 May 2020

For the goods TARGIN oxycodone hydrochloride / naloxone hydrochloride

Extension of Term of patent pursuant to Section 77 expires on 12 May 2025

**Corrigenda**

In Vol 32 , No 25 , Page(s) 3599 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Ent. Services Developement Corporation LP, Application No. 2015414792, under INID (71) correct the applicant name to Ent. Ser-vices Development Corporation LP

In Vol 33 , No 40 , Page(s) 5693 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Siemens Industry, Inc., Application No. 2017407344, under INID (71) correct the applicant name to Siemens Mobility Inc.

In Vol 34 , No 48 , Page(s) 6873 under the heading **Amendments - Ap-plication for Amendments** Under the name Astex Therapeutics Lim-ited, Patent 2019200840 correct the date of the statements filed to 24 Sep 2020, 11 Nov 2020 and 12 Nov 2020

In Vol 34 , No 51 , Page(s) 7379 under the heading **Applications Ac-cepted - Name Index** Under the name Accenture Global Solutions Limited, Application No. 2018267537, under INID (72) correct the co-in-ventor to KOUTSORODI, Artemis

In Vol 35 , No 1 , Page(s) 83 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ENEOS Corporation; Tokico System Solutions, Ltd., Application No. 2019278634, under INID (71) remove co-applicant Tokico System Solu-tions, Ltd.

In Vol 35 , No 5 , Page(s) 758 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PACCAR, Application No. 2018431107, under INID (71) correct the ap-plicant name to PACCAR Inc

In Vol 35 , No 5 , Page(s) 804 under the heading **Applications Accep-ted - Name Index** Delete all reference to 2020203096.

In Vol 35 , No 7 , Page(s) 1046 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Telefonaktiebolaget LM Ericsson (Publ), Application No. 2018431320, under INID (72) correct the co-inventor to LINDERO, David

In Vol 35 , No 7 , Page(s) 1049 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Voyager Therapeutics, Inc., Application No. 2019310459, Under INID (72) correct co-inventor CARROLL SOPER, Jenna

In Vol 35 , No 7 , Page(s) 1084 under the heading **Applications Ac-cepted - Name Index** Under the name Siemens Industry, Inc., Applica-tion No. 2017407344, under INID (71) correct the applicant name to Siemens Mobility Inc.

In Vol 35 , No 7 , Page(s) 1103 under the heading **Assignments Registered** Under the name Biouniversa S.r.l., Application No. 2010326600, under INID (71) correct the patentee name to Biouniversa S.R.L.

In Vol 35 , No 7 , Page(s) 992 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name The Stik & Go Holdings Pty Ltd, Application No. 2019204795, under INID (71) Name of Applica-nt correct the applicant to read The Stik & Co Holdings Pty Ltd

**Specifications Republished**

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

2015334729	<b>Goodmark Medical (International) Limited</b>
2017336123	<b>JX Nippon Exploration and Development Co., Ltd.;</b> <b>JX Nippon Mining &amp; Metals Corporation</b>
2018230712	<b>Symrise AG; ELC Management LLC</b>