



**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.

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 23 Nov 2021 .

(71) AdAlta Limited (21) 2021903772 (22) 23.11.2021 (54) RANK-L binding molecules	(71) Atmo Biosciences Pty Ltd (21) 2021903736 (22) 19.11.2021 (54) Therapeutic payload delivery mechanism	(71) Behi, R. (21) 2021903804 (22) 25.11.2021 (54) ENVIRONMENTAL RISK MONITORING AND MITIGATION
(71) AICloud Pty Ltd (21) 2021903764 (22) 22.11.2021 (54) System for predicting property value indicators	(71) Attey, G. (21) 2021903725 (22) 18.11.2021 (54) IMPROVEMENTS IN BANJO BRIDGES	(71) BFRE Pty Ltd (21) 2021903751 (22) 21.11.2021 (54) cleva floor
(71) Akunah Medical Technology Pty Ltd (21) 2021903743 (22) 19.11.2021 (54) METHOD AND SYSTEM FOR DETERMINING OPTIMAL POSITION FOR AN IMPLANT	(71) Auret, D. (21) 2021903784 (22) 24.11.2021 (54) Thermal Alternator Powered Pneumatic Hydrogen Compressor	(71) Bionic Products Pty Ltd (21) 2021903802 (22) 25.11.2021 (54) Cold air plasma generating apparatus
(71) Alauda Aeronautics Pty Ltd (21) 2021903795 (22) 24.11.2021 (54) Controlling Manned VTOL Aerial Vehicles	(71) Australian National University (21) 2021903694 (22) 17.11.2021 (54) Process for removing sulfate from a sulfate-containing aqueous solution	(71) Biotron Limited (21) 2021903789 (22) 24.11.2021 (54) METHODS OF TREATING SARS-COV-2 INFECTION
(71) ALINE CONSULTANCY PTY LTD (21) 2021903767 (22) 22.11.2021 (54) Separated Gas Turbine	(71) Automatic Technology (Australia) Pty Ltd (21) 2021903816 (22) 26.11.2021 (54) Drive assembly for movable barrier	(71) Black Stump Technologies Pty Ltd (21) 2021903728 (22) 19.11.2021 (54) DEPLOYABLE COOLER
(71) Allison, H. (21) 2021903693 (22) 17.11.2021 (54) Asset Ownership Fintech Solution	(71) Avtru Pty Ltd; Pexan Pty Ltd (21) 2021903707 (22) 17.11.2021 (54) COUPLING ASSEMBLY	(71) Black Stump Technologies Pty Ltd (21) 2021903729 (22) 19.11.2021 (54) DEPLOYABLE POWER GENERATOR
<b>Allouche, S. see LIP TECH AU</b> (21) 2021903745	(71) Bajorek, K. (21) 2021903535 (22) 05.11.2021 (54) SYSTEM AND METHOD FOR ATTACHING A 'DESIGNER STUD BUTTON' TO A CHEFS' JACKET OR OTHER WEARABLE ITEMS	(71) Boyd, S. (21) 2021903687 (22) 17.11.2021 (54) Vibrating Hair Detangle Brush
(71) Astral Property Pty Limited (21) 2021903716 (22) 18.11.2021 (54) Drainage Cell	(71) Barreiro, M. (21) 2021903817 (22) 26.11.2021 (54) GENERATOR	<b>Brennan, R. see Loughrey, K.A.</b> (21) 2021903800
(71) Athletics Australia (21) 2021903806 (22) 25.11.2021 (54) SYSTEM AND METHOD FOR MONITORING ACTIVITY		(71) Breville Pty Limited (21) 2021903700 (22) 17.11.2021 (54) Milk texturing device with jug location control
		(71) Brodzeli, Z. (21) 2021903691 (22) 17.11.2021 (54) Underwater communication network

Provisional Applications Filed - Name Index cont'd

(71) Bulk Innovations Pty Ltd  
(21) 2021903778 (22) 23.11.2021  
(54) An apparatus and method for handling bulk materials

(71) Canopus Networks Pty Ltd  
(21) 2021903718 (22) 18.11.2021  
(54) Network Traffic Classification

(71) Caretech Services Pty Ltd  
(21) 2021903708 (22) 17.11.2021  
(54) A TEMPERATURE DETECTOR FOR A HEAT SENSITIVE MATERIAL

(71) Clarity Pharmaceuticals Limited  
(21) 2021903792 (22) 24.11.2021  
(54) Compounds and compositions thereof for the treatment of cancer

(71) Clarity Pharmaceuticals Limited  
(21) 2021903793 (22) 24.11.2021  
(54) Methods for the diagnosis and/or treatment of neuroendocrine cancers

(71) Clarity Pharmaceuticals Limited  
(21) 2021903794 (22) 24.11.2021  
(54) Methods for the diagnosis and/or treatment of prostate cancer

(71) Cleggett, R.  
(21) 2021903798 (22) 25.11.2021  
(54) Apparatus for protecting a structure from fire or for extinguishing a structure on fire

(71) Clifton, J.  
(21) 2021903733 (22) 19.11.2021  
(54) SYSTEM AND METHOD FOR PERMITTING ACCESS TO WI-FI ROUTER DATA CONTENT

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2021903790 (22) 24.11.2021  
(54) Illumination spectrum recovery

(71) CROTTY, T.  
(21) 2021903697 (22) 17.11.2021  
(54) Audio enhancement system and method

(71) CUMMINS, I.  
(21) 2021903748 (22) 19.11.2021  
(54) Water Renewal Treatment System

Dimmock, M.S. see Stephen, C.C.  
(21) 2021903702

Dimmock, M. see Stephen, C.C.  
(21) 2021903753

(71) Drinkwater, A.  
(21) 2021903717 (22) 18.11.2021  
(54) A coal seam strata resin injection hole temperature monitoring system

(71) Dunn, D.  
(21) 2021903747 (22) 19.11.2021  
(54) Bedding Anchor

(71) Durnin, P.; Farrant-Durnin, K.  
(21) 2021903710 (22) 18.11.2021  
(54) Computer Implemented Method for Locating Points of Interest on a Work Site

(71) Elecsome Pty Ltd  
(21) 2021903785 (22) 24.11.2021  
(54) System and methods for performing optimised and efficient end-of-life (EoL) solar panel upcycling

(71) Eyetelligence Pty Ltd  
(21) 2021903703 (22) 17.11.2021  
(54) METHOD AND SYSTEM FOR ANALYSING MEDICAL IMAGES TO GENERATE A MEDICAL REPORT

(71) F.H.S. Pty Ltd  
(21) 2021903739 (22) 19.11.2021  
(54) A vehicle pedal apparatus, system and method

(71) Fahad, M.  
(21) 2021903783 (22) 23.11.2021  
(54) Bin Bag Dispenser for Garbage bins

Farrant-Durnin, K. see Durnin, P.  
(21) 2021903710

(71) Field Orthopaedics Pty Ltd  
(21) 2021903805 (22) 25.11.2021  
(54) SURGICAL REPAIR ASSEMBLY

(71) Fresh Creations Pty Limited  
(21) 2021903821 (22) 26.11.2021  
(54) A beverage container

(71) Gaia Securities Limited  
(21) 2021903765 (22) 22.11.2021  
(54) ELECTRICAL POWER GENERATION BY TRANSMUTATION OF HYDROGEN ISOTOPES

(71) Genetic Signatures Limited  
(21) 2021903771 (22) 23.11.2021  
(54) Improved isothermal amplification

(71) GenieUs Genomics Pty Ltd  
(21) 2021903787 (22) 24.11.2021  
(54) A classifier for multi-omic sample data

(71) Globaltech Corporation Pty Ltd  
(21) 2021903744 (22) 19.11.2021  
(54) SYSTEMS AND METHODS OF DRILL ROD ALIGNMENT, DRILL ROD THREAD ALIGNMENT AND DRILL ROD THREAD RECOGNITION

(71) Good Water Energy Ltd  
(21) 2021903732 (22) 19.11.2021  
(54) GEOTHERMAL CARBON CAPTURE SYSTEM

(71) Good Water Energy Ltd  
(21) 2021903799 (22) 25.11.2021  
(54) GEOTHERMAL AMMONIA PRODUCTION SYSTEM

(71) Graphene Manufacturing Australia Pty Ltd  
(21) 2021903741 (22) 19.11.2021  
(54) Improved battery

(71) Gravitas Technologies Pty Ltd  
(21) 2021903820 (22) 26.11.2021  
(54) System and method for sealing a tube of a hot isostatic pressing (HIP) canister

(71) Guihot, B.  
(21) 2021903625 (22) 12.11.2021  
(54) NFT Apparel application for monetising digital assets.

(71) Hajjar, E.  
(21) 2021903749 (22) 20.11.2021  
(54) Breathing Assistance Vest

(71) HAWKINS, S.D.; NATAKHAN, D.J.  
(21) 2021903735 (22) 19.11.2021  
(54) A METHOD OF ACTIVE MANAGEMENT OF CARBON SEQUESTRATION

(71) HUDSON, D.  
(21) 2021903788 (22) 24.11.2021  
(54) FLEXIBLE TENSIONED CRASH BARRIER

(71) Hurd, M.  
(21) 2021903686 (22) 17.11.2021  
(54) Economic freight movement in a fluid with redundant architecture

Provisional Applications Filed - Name Index cont'd

(71) Hurley, T. (21) 2021903776 (22) 23.11.2021 (54) Clear Flexible Template for Patchwork	(71) Lipscombe, G. (21) 2021903750 (22) 21.11.2021 (54) Encapsulated fire retardant for more effective fire fighting	(71) Matthews, N.L. (21) 2021903756 (22) 17.11.2021 (54) A breathing device
(71) Hydrogen Technologies Holdings Pty Ltd (21) 2021903807 (22) 25.11.2021 (54) DEVICE AND METHOD FOR GAS INFUSION	(71) LIP TECH AU; Allouche, S. (21) 2021903745 (22) 19.11.2021 (54) LIP TECH AU - cosmetic injectable aftercare	(71) Matthews, N.L. (21) 2021903757 (22) 17.11.2021 (54) A fisher catcher, a device and a trap
Hyman, N. see Lambert, D. (21) 2021903754	(71) Litter Lock Pty Ltd (21) 2021903698 (22) 17.11.2021 (54) Lid lock for a waste bin	(71) Matthews, N.L. (21) 2021903758 (22) 17.11.2021 (54) Variable size motor vehicles
(71) Infinity Greentech Pty Ltd (21) 2021903645 (22) 12.11.2021 (54) A PROCESS FOR EXTRACTING METALS USING A SYSTEM COMPRISING CARBON DIOXIDE	(71) LLL Productz Pty Ltd (21) 2021903695 (22) 17.11.2021 (54) SYSTEM AND METHOD FOR PROVIDING ONLINE PURCHASING OPPORTUNITIES	(71) MechTech MTT Pty Ltd (21) 2021903723 (22) 18.11.2021 (54) Personnel lifting device
(71) Innoteck Pty Ltd (21) 2021903813 (22) 25.11.2021 (54) ORGANIZATION BASED INFORMATION MANAGEMENT METHODS AND SYSTEMS	(71) Long Pipes Limited (21) 2021903796 (22) 24.11.2021 (54) A METHOD AND APPARATUS FOR JOINING HOLLOW STRUCTURES	(71) Mesoblast International Sarl (21) 2021903706 (22) 17.11.2021 (54) Method of treating progressive heart failure in subjects at high risk of poor outcomes
Ioannou, G. see Loughrey, K.A. (21) 2021903800	(71) Lotus Folding Walls & Doors Pty Ltd (21) 2021903742 (22) 19.11.2021 (54) RETRACTABLE SEAL SYSTEM FOR MOVABLE WALL PANEL SYSTEMS	(71) Mindahuttu Group Pty Ltd (21) 2021903699 (22) 17.11.2021 (54) CONCRETE SCREEDING APPARATUS
Jackson, S. see Jackson, C. (21) 2021903651	(71) Loughrey, K.A.; Ioannou, G.; Brennan, R. (21) 2021903800 (22) 25.11.2021 (54) Penile Catheter Assembly	(71) Minova International Limited (21) 2021903819 (22) 26.11.2021 (54) A Method of Lining a Borehole, a System and Components of Same
Jackson, L. see Jackson, C. (21) 2021903651	(71) Lumcas Pty Ltd (21) 2021903763 (22) 22.11.2021 (54) Cap Light	(71) MK Product Development Limited (21) 2021903815 (22) 26.11.2021 (54) IMPROVED CONTAINERS AND THEIR METHOD OF MANUFACTURE
(71) Jackson, C.; Jackson, S.; Jackson, L. (21) 2021903651 (22) 15.11.2021 (54) A HOARDING SYSTEM	(71) Macropace Products Pty Ltd (21) 2021903803 (22) 25.11.2021 (54) 3-D PROSTHETIC. OBJECT OR MODEL FILE SECURE ENCAPSULATION IN A NON-DISTRIBUTABLE IMAGE RENDERING FILE FORMAT	(71) Monash University (21) 2021903780 (22) 23.11.2021 (54) Engineered Angiotensin-converting enzyme 2(ACE2) and uses thereof
(71) kenny, r. (21) 2021903612 (22) 11.11.2021 (54) Construction System Components	(71) Magoulias, N. (21) 2021903797 (22) 25.11.2021 (54) Mob App, Design and Colour	(71) Moondarewa Inc. (21) 2021903684 (22) 16.11.2021 (54) USE OF REINFORCED HEMPCRETE IN THE CONSTRUCTION OF A HONEY BEE BEEHIVE
(71) L. & A. Fazzini Manufacturing Pty Ltd (21) 2021903814 (22) 26.11.2021 (54) AN IMPROVED FIRE RESISTANCE OR FIRE PROOFING MATERIAL	(71) Mapsil Pty Ltd (21) 2021903738 (22) 19.11.2021 (54) Fertiliser	(71) Moondarewa Inc. (21) 2021903685 (22) 17.11.2021 (54) The Kupae Bee Bunker
(71) Lambert, D.; Thomson, C.; Hyman, N. (21) 2021903754 (22) 22.11.2021 (54) An Aquatic Camouflage and Deterrent System	(71) Matthews, N.L. (21) 2021903755 (22) 17.11.2021 (54) A car wheel application	NATAKHAN, D.J. see HAWKINS, S.D. (21) 2021903735
(71) Li, T. (21) 2021903760 (22) 22.11.2021 (54) Fuel Efficiency System		

Provisional Applications Filed - Name Index cont'd

(71) NEIGHBOURS, G.  
(21) 2021903770 (22) 23.11.2021  
(54) ELONGATE MEMBERS, METHODS OF THEIR CONSTRUCTION AND APPARATUS THEREFOR

(71) NEIGHBOURS, G.  
(21) 2021903773 (22) 23.11.2021  
(54) APPARATUS FOR ASSEMBLING WIND TURBINES AND METHOD THEREFOR

(71) NEIGHBOURS, G.  
(21) 2021903775 (22) 23.11.2021  
(54) WIND TURBINE BLADE INSTALLATION SYSTEM AND RELATED METHODS

(71) New Amigos Pty Ltd  
(21) 2021903766 (22) 22.11.2021  
(54) Process for an Air Ore Sorter

(71) NewSouth Innovations Pty Limited  
(21) 2021903762 (22) 22.11.2021  
(54) Hydrogen combustion catalyst, process and device

(71) Ng, F.  
(21) 2021903713 (22) 18.11.2021  
(54) FIS#1650.01 (APP Systems and Method for Facilitating Effective e-Reusage at Grass-root Level)

(71) Offsite Engineering Solutions Pty Ltd  
(21) 2021903688 (22) 17.11.2021  
(54) Modular Building

(71) Oncolife Therapeutics Pty Ltd  
(21) 2021903704 (22) 17.11.2021  
(54) METHOD AND COMPOSITIONS FOR EXTENDING HEALTHSPAN AND/OR LONGEVITY

(71) Oon, Y.  
(21) 2021903689 (22) 17.11.2021  
(54) System and method of using a non-numerical spreadsheet in healthcare

(71) Opal Packaging Australia Pty Ltd  
(21) 2021903636 (22) 12.11.2021  
(54) A blank and a method of forming a container from the blank

(71) Pacific Arrow Limited  
(21) 2021903740 (22) 19.11.2021  
(54) NATURAL AND SYNTHETIC COMPOUNDS FOR TREATING CANCERS AND OTHER DISEASES

(71) Pacific Arrow Limited  
(21) 2021903782 (22) 23.11.2021  
(54) UP-REGULATE DEATH RECEPTOR OR TNFR FOR TREATING DISEASES

(71) Pavino, S.  
(21) 2021903801 (22) 25.11.2021  
(54) Magnes Muralis: Double Acting Jackhammer

(71) People, S.  
(21) 2021903712 (22) 18.11.2021  
(54) An Expandable Display Frame

(71) Petrovic, S.  
(21) 2021903623 (22) 11.11.2021  
(54) A call to action method for voting, crowdfunding and direct user reward using QR technology to facilitate votes and support pledges for a talent contest on a tv, Smartphone, Smart device or Internet streaming service

**Pexan Pty Ltd see Avtru Pty Ltd**  
(21) 2021903707

(71) Phoenix Research Pty Ltd  
(21) 2021903768 (22) 23.11.2021  
(54) A system and process for generating force and/or thrust

(71) Plastron Solutions Pty Ltd  
(21) 2021903759 (22) 22.11.2021  
(54) Method and apparatus for the decomposition and processing of end of life and contaminated waste plastics

(71) PreveCeutical Medical Inc.  
(21) 2021903722 (22) 18.11.2021  
(54) Peptides and Uses Thereof

(71) RACE Oncology Ltd  
(21) 2021903734 (22) 19.11.2021  
(54) METHOD OF CARDIOPROTECTION

(71) Reflex Instruments Asia Pacific Pty Ltd  
(21) 2021903774 (22) 23.11.2021  
(54) Shock absorber for a downhole tool, and running gear for downhole surveying

**Reiter, G. see Ward, J.**  
(21) 2021903761

(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.  
(21) 2021903731 (22) 19.11.2021  
(54) A Valve

**ResMed (Malaysia) Sdn. Bhd. see ResMed Pty Ltd**  
(21) 2021903692

**ResMed Asia Pacific Ltd see ResMed Pty Ltd**  
(21) 2021903692

**ResMed Asia Pte. Ltd. see ResMed Pty Ltd**  
(21) 2021903692

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Asia Pacific Ltd; ResMed (Malaysia) Sdn. Bhd.  
(21) 2021903692 (22) 17.11.2021  
(54) Method And System For Determining Blood Sugar Level

(71) ResMed Pty Ltd  
(21) 2021903711 (22) 18.11.2021  
(54) A valve assembly for a respiratory therapy system

(71) ResMed Pty Ltd  
(21) 2021903730 (22) 19.11.2021  
(54) PATIENT INTERFACE

(71) Resonance Health Analysis Services Pty Ltd  
(21) 2021903721 (22) 18.11.2021  
(54) Method for Treating Cyclophilin B Associated Diseases

(71) Resonance Health Analysis Services Pty Ltd  
(21) 2021903724 (22) 18.11.2021  
(54) Method for Treating Cyclophilin D Associated Diseases

(71) resQdevices Pty Ltd  
(21) 2021903746 (22) 19.11.2021  
(54) A NEW CANNULA PROTECTOR

(71) Royal Melbourne Institute of Technology  
(21) 2021903779 (22) 23.11.2021  
(54) CRYOPROTECTANTS

(71) Rusten, L.  
(21) 2021903726 (22) 18.11.2021  
(54) Automatic pole lifting training show jump

(71) Saluda Medical Pty Ltd  
(21) 2021903719 (22) 18.11.2021  
(54) Methods and apparatus for improved measurement of compound action potentials

Provisional Applications Filed - Name Index cont'd

(71) Samarawickrama, C.  
(21) 2021903727 (22) 18.11.2021  
(54) A Trepine Blade for Preparation of Corneal Tissue for Endothelial Keratoplasty

(71) Samways, M.  
(21) 2021903769 (22) 23.11.2021  
(54) Horse fly and biting insect leg protection boots

(71) Sharpe, R.  
(21) 2021903701 (22) 17.11.2021  
(54) A Device for Supporting a Liner Within a Container

(71) SOCIALMAP PTY LTD  
(21) 2021903690 (22) 17.11.2021  
(54) INFORMATION VERIFICATION SYSTEM AND METHOD THEREFOR

(71) Solar Sailor Pty Ltd  
(21) 2021903696 (22) 17.11.2021  
(54) Autonomous Surface Vessel Assembly

(71) Stephen, C.C.; Dimmock, M.S.  
(21) 2021903702 (22) 17.11.2021  
(54) Improvements in cargo storage and transportation

(71) Stephen, C.C.; Dimmock, M.  
(21) 2021903753 (22) 22.11.2021  
(54) Hydrogen transportation and storage system

(71) TelemedVet Pty Ltd  
(21) 2021903808 (22) 25.11.2021  
(54) METHOD FOR DETECTING EQUINE BONE INJURY

(71) The Dynamic Engineering Solution Pty Ltd  
(21) 2021903777 (22) 23.11.2021  
(54) ROAD WHEEL ARM

(71) The University of Adelaide  
(21) 2021903818 (22) 26.11.2021  
(54) POLYSACCHARIDE SYNTHASES (M)

(71) The University of Melbourne  
(21) 2021903737 (22) 19.11.2021  
(54) CO2 Capture

(71) The University of Melbourne  
(21) 2021903781 (22) 23.11.2021  
(54) A microneedle device and a method of forming a microneedle device

(71) The University of Sydney  
(21) 2021903786 (22) 24.11.2021  
(54) Novel P2X7 receptor antagonists

(71) The Westmead Institute for Medical Research; Western Sydney Local Health District  
(21) 2021903809 (22) 25.11.2021  
(54) Probiotic plasmids and use of same

(71) The Westmead Institute for Medical Research; Western Sydney Local Health District  
(21) 2021903811 (22) 25.11.2021  
(54) Broad host range conjugative plasmids

Thomson, C. see Lambert, D.  
(21) 2021903754

(71) Tran, Q.  
(21) 2021903752 (22) 22.11.2021  
(54) Pho/Spice Infuser

(71) UG Mining Tech  
(21) 2021903709 (22) 17.11.2021  
(54) Underground Laser Protection Cover (LZR Tag)

(71) University of South Australia  
(21) 2021903812 (22) 25.11.2021  
(54) WOUND TREATMENT COMPOSITIONS

(71) UON Pty Ltd  
(21) 2021903705 (22) 17.11.2021  
(54) Control of submersible pumps powered via renewable energy sources

(71) UTAS NEXUS AQUASCIENCES PTY LTD  
(21) 2021903810 (22) 25.11.2021  
(54) Apparatus and Systems for Aquaculture

(71) VAST SOLAR PTY LTD  
(21) 2021903715 (22) 18.11.2021  
(54) A thermal energy storage tank floor

(71) Vexev Pty Ltd  
(21) 2021903714 (22) 18.11.2021  
(54) Apparatus for Ultrasound Scanning

(71) Vitruvian Investments Pty Ltd  
(21) 2021903681 (22) 16.11.2021  
(54) COUPLING FOR FITNESS TRAINING APPARATUS AND SYSTEM

(71) Vitruvian Investments Pty Ltd  
(21) 2021903682 (22) 16.11.2021  
(54) HANDLE DEVICE FOR A FITNESS TRAINING APPARATUS

(71) Ward, J.; Reiter, G.  
(21) 2021903761 (22) 22.11.2021  
(54) Technology configured to enable improved operation of electrolyser-based hydrogen generation systems

Western Sydney Local Health District see The Westmead Institute for Medical Research  
(21) 2021903809

Western Sydney Local Health District see The Westmead Institute for Medical Research  
(21) 2021903811

(71) White Spark Pictures Pty Ltd  
(21) 2021903720 (22) 18.11.2021  
(54) Virtual reality headset audio synchronisation system

(71) Xero Limited  
(21) 2021903791 (22) 24.11.2021  
(54) Methods and systems for building and/or using a graph data structure

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<b>2021903535</b>	Bajorek, K.	<b>2021903742</b>	Lotus Folding Walls & Doors Pty Ltd
<b>2021903612</b>	kenny, r.	<b>2021903743</b>	Akunah Medical Technology Pty Ltd
<b>2021903623</b>	Petrovic, S.	<b>2021903744</b>	Globaltech Corporation Pty Ltd
<b>2021903625</b>	Guihot, B.	<b>2021903745</b>	LIP TECH AU; Allouche, S.
<b>2021903636</b>	Opal Packaging Australia Pty Ltd	<b>2021903746</b>	resQdevices Pty Ltd
<b>2021903645</b>	Infinity Greentech Pty Ltd	<b>2021903747</b>	Dunn, D.
<b>2021903651</b>	Jackson, C.; Jackson, S.; Jackson, L.	<b>2021903748</b>	CUMMINS, I.
<b>2021903681</b>	Vitruvian Investments Pty Ltd	<b>2021903749</b>	Hajjar, E.
<b>2021903682</b>	Vitruvian Investments Pty Ltd	<b>2021903750</b>	Lipscombe, G.
<b>2021903684</b>	Moondarewa Inc.	<b>2021903751</b>	BFRE Pty Ltd
<b>2021903685</b>	Moondarewa Inc.	<b>2021903752</b>	Tran, Q.
<b>2021903686</b>	Hurd, M.	<b>2021903753</b>	Stephen, C.C.; Dimmock, M.
<b>2021903687</b>	Boyd, S.	<b>2021903754</b>	Lambert, D.; Thomson, C.; Hyman, N.
<b>2021903688</b>	Offsite Engineering Solutions Pty Ltd	<b>2021903755</b>	Matthews, N.L.
<b>2021903689</b>	Oon, Y.	<b>2021903756</b>	Matthews, N.L.
<b>2021903690</b>	SOCIALMAP PTY LTD	<b>2021903757</b>	Matthews, N.L.
<b>2021903691</b>	Brodzeli, Z.	<b>2021903758</b>	Matthews, N.L.
<b>2021903692</b>	ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Asia Pacific Ltd; ResMed (Malaysia) Sdn. Bhd.	<b>2021903759</b>	Plastron Solutions Pty Ltd
<b>2021903693</b>	Allison, H.	<b>2021903760</b>	Li, T.
<b>2021903694</b>	Australian National University	<b>2021903761</b>	Ward, J.; Reiter, G.
<b>2021903695</b>	LLL Productz Pty Ltd	<b>2021903762</b>	NewSouth Innovations Pty Limited
<b>2021903696</b>	Solar Sailor Pty Ltd	<b>2021903763</b>	Lumcas Pty Ltd
<b>2021903697</b>	CROTTY, T.	<b>2021903764</b>	AICloud Pty Ltd
<b>2021903698</b>	Litter Lock Pty Ltd	<b>2021903765</b>	Gaia Securities Limited
<b>2021903699</b>	Mindahuttu Group Pty Ltd	<b>2021903766</b>	New Amigos Pty Ltd
<b>2021903700</b>	Breville Pty Limited	<b>2021903767</b>	ALINE CONSULTANCY PTY LTD
<b>2021903701</b>	Sharpe, R.	<b>2021903768</b>	Phoenix Research Pty Ltd
<b>2021903702</b>	Stephen, C.C.; Dimmock, M.S.	<b>2021903769</b>	Samways, M.
<b>2021903703</b>	Eyetelligence Pty Ltd	<b>2021903770</b>	NEIGHBOURS, G.
<b>2021903704</b>	Oncolife Therapeutics Pty Ltd	<b>2021903771</b>	Genetic Signatures Limited
<b>2021903705</b>	UON Pty Ltd	<b>2021903772</b>	AdAlta Limited
<b>2021903706</b>	Mesoblast International Sarl	<b>2021903773</b>	NEIGHBOURS, G.
<b>2021903707</b>	Avtru Pty Ltd; Pexan Pty Ltd	<b>2021903774</b>	Reflex Instruments Asia Pacific Pty Ltd
<b>2021903708</b>	Caretech Services Pty Ltd	<b>2021903775</b>	NEIGHBOURS, G.
<b>2021903709</b>	UG Mining Tech	<b>2021903776</b>	Hurley, T.
<b>2021903710</b>	Durnin, P.; Farrant-Durnin, K.	<b>2021903777</b>	The Dynamic Engineering Solution Pty Ltd
<b>2021903711</b>	ResMed Pty Ltd	<b>2021903778</b>	Bulk Innovations Pty Ltd
<b>2021903712</b>	Peaple, S.	<b>2021903779</b>	Royal Melbourne Institute of Technology
<b>2021903713</b>	Ng, F.	<b>2021903780</b>	Monash University
<b>2021903714</b>	Vexev Pty Ltd	<b>2021903781</b>	The University of Melbourne
<b>2021903715</b>	VAST SOLAR PTY LTD	<b>2021903782</b>	Pacific Arrow Limited
<b>2021903716</b>	Astral Property Pty Limited	<b>2021903783</b>	Fahad, M.
<b>2021903717</b>	Drinkwater, A.	<b>2021903784</b>	Auret, D.
<b>2021903718</b>	Canopus Networks Pty Ltd	<b>2021903785</b>	Elecsome Pty Ltd
<b>2021903719</b>	Saluda Medical Pty Ltd	<b>2021903786</b>	The University of Sydney
<b>2021903720</b>	White Spark Pictures Pty Ltd	<b>2021903787</b>	GenieUs Genomics Pty Ltd
<b>2021903721</b>	Resonance Health Analysis Services Pty Ltd	<b>2021903788</b>	HUDSON, D.
<b>2021903722</b>	PreveCeutical Medical Inc.	<b>2021903789</b>	Biotron Limited
<b>2021903723</b>	MechTech MTT Pty Ltd	<b>2021903790</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2021903724</b>	Resonance Health Analysis Services Pty Ltd	<b>2021903791</b>	Xero Limited
<b>2021903725</b>	Attey, G.	<b>2021903792</b>	Clarity Pharmaceuticals Limited
<b>2021903726</b>	Rusten, L.	<b>2021903793</b>	Clarity Pharmaceuticals Limited
<b>2021903727</b>	Samarawickrama, C.	<b>2021903794</b>	Clarity Pharmaceuticals Limited
<b>2021903728</b>	Black Stump Technologies Pty Ltd	<b>2021903795</b>	Alauda Aeronautics Pty Ltd
<b>2021903729</b>	Black Stump Technologies Pty Ltd	<b>2021903796</b>	Long Pipes Limited
<b>2021903730</b>	ResMed Pty Ltd	<b>2021903797</b>	Magoulias, N.
<b>2021903731</b>	Reliance Worldwide Corporation (Aust.) Pty. Ltd.	<b>2021903798</b>	Cleggett, R.
<b>2021903732</b>	Good Water Energy Ltd	<b>2021903799</b>	Good Water Energy Ltd
<b>2021903733</b>	Clifton, J.	<b>2021903800</b>	Loughrey, K.A.; Ioannou, G.; Brennan, R.
<b>2021903734</b>	RACE Oncology Ltd	<b>2021903801</b>	Pavino, S.
<b>2021903735</b>	HAWKINS, S.D.; NATAKHAN, D.J.	<b>2021903802</b>	Bionic Products Pty Ltd
<b>2021903736</b>	Atmo Biosciences Pty Ltd	<b>2021903803</b>	Macropace Products Pty Ltd
<b>2021903737</b>	The University of Melbourne	<b>2021903804</b>	Behi, R.
<b>2021903738</b>	Mapsil Pty Ltd	<b>2021903805</b>	Field Orthopaedics Pty Ltd
<b>2021903739</b>	F.H.S. Pty Ltd	<b>2021903806</b>	Athletics Australia
<b>2021903740</b>	Pacific Arrow Limited	<b>2021903807</b>	Hydrogen Technologies Holdings Pty Ltd
<b>2021903741</b>	Graphene Manufacturing Australia Pty Ltd	<b>2021903808</b>	TelemedVet Pty Ltd



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**2021903809** The Westmead Institute for Medical Research; Western  
Sydney Local Health District  
**2021903810** UTAS NEXUS AQUASCIENCES PTY LTD  
**2021903811** The Westmead Institute for Medical Research; Western  
Sydney Local Health District  
**2021903812** University of South Australia  
**2021903813** Innoteck Pty Ltd  
**2021903814** L. & A. Fazzini Manufacturing Pty Ltd  
**2021903815** MK Product Development Limited  
**2021903816** Automatic Technology (Australia) Pty Ltd  
**2021903817** Barreiro, M.  
**2021903818** The University of Adelaide  
**2021903819** Minova International Limited  
**2021903820** Gravitas Technologies Pty Ltd  
**2021903821** Fresh Creations Pty Limited

**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Nov 2021 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) 22nd Century Limited, LLC (21) 2021269393 (22) 18.11.2021 (54) REDUCING LEVELS OF NICOTINIC ALKALOIDS IN PLANTS (62) 2019201134</p> <hr/> <p>(71) 4D Pharma Research Limited (21) 2021269424 (22) 19.11.2021 (54) Composition comprising bacterial strains (62) 2016358971</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2021269314 (22) 16.11.2021 (54) Systems, devices, and methods for episode detection and evaluation (62) 2016289468</p> <hr/> <p>(71) AbbVie Inc. (21) 2021269433 (22) 19.11.2021 (54) Glucocorticoid receptor agonist and immunoconjugates thereof (62) 2017274442</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021269299 (22) 15.11.2021 (54) ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED CONVERSATIONAL AGENT (62) 2019257387</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021269407 (22) 18.11.2021 (54) MACHINE LEARNING SYSTEMS FOR AUTOMATED EVENT ANALYSIS AND CATEGORIZATION, EQUIPMENT STATUS AND MAINTENANCE ACTION RECOMMENDATION (31) 17/102,425 (32) 23.11.20 (33) US</p> <hr/> <p>(71) Acorda Therapeutics, Inc. (21) 2021269356 (22) 17.11.2021 (54) METHODS OF USING SUSTAINED RELEASE AMINOPYRIDINE COMPOSITIONS (62) 2020200285</p> <hr/> <p>(71) Adeka Corporation (21) 2021269334 (22) 16.11.2021</p>	<p>(54) Resin additive composition, thermoplastic resin composition, and molded article thereof (62) 2017226682</p> <hr/> <p>(71) Alarm.com Incorporated (21) 2021269286 (22) 15.11.2021 (54) ROBOTIC ASSISTANCE IN SECURITY MONITORING (62) 2020213380</p> <hr/> <p>(71) Alcon Inc. (21) 2021269283 (22) 15.11.2021 (54) ACCOMMODATING INTRAOCULAR LENSES AND METHODS OF MANUFACTURING (62) 2016349532</p> <hr/> <p>(71) ALK-Abelló, Inc. (21) 2021273549 (22) 23.11.2021 (54) Sterilization of ciprofloxacin composition (62) 2019275578</p> <hr/> <p>(71) Allergan, Inc. (21) 2021269423 (22) 19.11.2021 (54) Pharmaceutical compositions comprising 4-[1-(2,3-dimethylphenyl)ethyl]-3H-imidazole derivatives for treating retinal disease (62) 2019283891</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021269372 (22) 17.11.2021 (54) Compositions and methods for inhibition of hao1 (hydroxyacid oxidase 1 (glycolate oxidase)) gene expression (62) 2015330726</p> <hr/> <p><b>Amgen Fremont Inc. see Amgen Inc.</b> (21) 2021273520</p> <hr/> <p>(71) Amgen Inc. (21) 2021269437 (22) 19.11.2021 (54) Variants of tissue inhibitor of metalloproteinase type three (TIMP-3), compositions and methods (62) 2020205276</p> <hr/> <p>(71) Amgen Inc.; Amgen Fremont Inc. (21) 2021273520 (22) 22.11.2021 (54) Antibodies to OPGL (62) 2019213305</p>	<hr/> <p>(71) Amgen Inc. (21) 2021273538 (22) 23.11.2021 (54) Process control systems and methods for use with filters and filtration processes (62) 2020202207</p> <hr/> <p>(71) Ampyx Power B.V. (21) 2021273556 (22) 23.11.2021 (54) System and Method for Airbourne Wind Energy Production (62) 2019271968</p> <hr/> <p>(71) AMVAC Hong Kong Limited (21) 2021266364 (22) 14.11.2021 (54) IMPROVED AGRICULTURAL PRODUCT DISPENSING SYSTEM (62) 2021202605</p> <hr/> <p>(71) Ancestry.com DNA, LLC (21) 2021269307 (22) 16.11.2021 (54) Genetic and genealogical analysis for identification of birth location and surname information (62) 2016290989</p> <hr/> <p>(71) Angel Group Co., Ltd (21) 2021269419 (22) 19.11.2021 (54) Shuffling method of playing cards (62) 2020205298</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021269287 (22) 15.11.2021 (54) CARD GAME MONITORING SYSTEM (62) 2020201800</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021269430 (22) 19.11.2021 (54) CARD GAME MONITORING SYSTEM (62) 2019257424</p> <hr/> <p>(71) Apple Inc. (21) 2021269318 (22) 16.11.2021 (54) Devices, methods, and graphical user interfaces for messaging (62) 2020202396</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021273552 (22) 23.11.2021</p>
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Complete Applications Filed - Name Index cont'd

(54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE  
(62) 2019246924

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2021273554 (22) 23.11.2021  
(54) A GAMING DEVICE  
(62) 2019246926

**Axovant Sciences GmbH see Friedhoff, L.T.**  
(21) 2021269398

(71) Bartlett Transport Improvements Pty. Ltd.  
(21) 2021269366 (22) 17.11.2021  
(54) Ball coupling  
(31) 2021902761 (32) 25.08.21 (33) AU  
(62) 2021221782

(71) Baxter Corporation Englewood  
(21) 2021269439 (22) 19.11.2021  
(54) PHARMACY WORKFLOW MANAGEMENT WITH INTEGRATED ALERTS  
(62) 2016226164

(71) Beacon Lighting International Limited  
(21) 2021269441 (22) 19.11.2021  
(54) Improved combined ceiling fan and light fitting  
(62) 2019232851

(71) Becton, Dickinson and Company  
(21) 2021269333 (22) 16.11.2021  
(54) Method and apparatus for wetting internal fluid path surfaces of a fluid port to increase ultrasonic signal transmission  
(62) 2017286812

(71) Becton, Dickinson and Company  
(21) 2021269350 (22) 17.11.2021  
(54) Ergonomic IV systems and methods  
(62) 2017240482

(71) Biodiversity Australia  
(21) 2021269363 (22) 17.11.2021  
(54) Dashboard and Reporting Workflow ArcGIS Technology Concepts

(71) Biogen MA Inc.  
(21) 2021269298 (22) 15.11.2021  
(54) Method of treating multiple sclerosis  
(62) 2020239734

(71) BioNTech US Inc.  
(21) 2021269272 (22) 15.11.2021  
(54) Neoantigens and methods of their use  
(62) 2017240745

(71) Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California

(21) 2021269396 (22) 18.11.2021  
(54) Very-long-chain polyunsaturated fatty acids, elovanoid hydroxylated derivatives, and methods of use  
(62) 2018239239

(71) Boehringer Ingelheim Vetmedica GmbH  
(21) 2021269354 (22) 17.11.2021  
(54) Treatment of metabolic disorders in feline animals  
(62) 2020201551

(71) Brandenburg Innovation Limited  
(21) 2021269385 (22) 18.11.2021  
(54) An ovitrap and method of controlling vector borne disease  
(62) 2018325435

(71) Buffalo Filter LLC  
(21) 2021269416 (22) 19.11.2021  
(54) Method and apparatus for filtering  
(62) 2018355267

(71) Building IP Holdings Pty Ltd  
(21) 2021269449 (22) 19.11.2021  
(54) STRUCTURAL FLOORING SYSTEM INCLUDING FOUNDATION, BEARER AND JOIST CONNECTORS  
(31) 2020904295 (32) 20.11.20 (33) AU

(71) Canon Kabushiki Kaisha  
(21) 2021269369 (22) 17.11.2021  
(54) Cartridge and image forming apparatus  
(62) 2018384358

(71) Canon Kabushiki Kaisha  
(21) 2021269399 (22) 18.11.2021  
(54) Image processing apparatus, image processing system, image processing method, and program  
(62) 2020200831

(71) CareFusion 303, Inc.  
(21) 2021269422 (22) 19.11.2021  
(54) Needleless connector with support member  
(62) 2020210179

(71) Caris Science, Inc.  
(21) 2021269417 (22) 19.11.2021  
(54) APTAMERS AND USES THEREOF  
(62) 2019208237

(71) Caruana, B.  
(21) 2021273529 (22) 22.11.2021  
(54) Improved Message Table

**Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P. see Consorcio Centro de Investigacion Biomedica en Red, M.P**  
(21) 2021273525

(71) CHINA UNIONPAY CO., LTD.  
(21) 2021269336 (22) 16.11.2021  
(54) DATA PROCESSING METHOD IMPLEMENTED BASED ON NFC TAG, SYSTEM AND TAG RECEIVING TERMINAL THEREOF  
(62) 2019397089

(71) Coe, W.B.  
(21) 2021266342 (22) 12.11.2021  
(54) Inter-penetrating elastomer network derived from ground tire rubber particles  
(62) 2018310988

(71) Colgate-Palmolive Company  
(21) 2021269346 (22) 17.11.2021  
(54) Oral care compositions and methods for increasing stability of the same  
(62) 2017442632

**Commonwealth Scientific and Industrial Research Organisation see Nuseed Nutritional Australia Pty Ltd**  
(21) 2021269427

**Commonwealth Scientific and Industrial Research Organisation see James Cook University**  
(21) 2021273523

(71) Concert Pharmaceuticals Inc.  
(21) 2021269403 (22) 18.11.2021  
(54) Morphinan compounds  
(62) 2020203309

(71) Consorcio Centro de Investigacion Biomedica en Red, M.P.; Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus  
(21) 2021273525 (22) 22.11.2021  
(54) Gene therapy for patients with Fanconi anemia  
(62) 2017322511

(71) Crispr Therapeutics AG  
(21) 2021269364 (22) 17.11.2021  
(54) CRISPR-CAS SYSTEM MATERIALS AND METHODS  
(62) 2019204793

Complete Applications Filed - Name Index cont'd

(71) CRRC Changchun Railway Vehicles Co., Ltd.  
 (21) 2021269344 (22) 17.11.2021  
 (54) Circuit and method for controlling emergency braking for train  
 (31) 202110650109.X (32) 10.06.21 (33) CN

(71) CRRC Changchun Railway Vehicles Co., Ltd.  
 (21) 2021269394 (22) 18.11.2021  
 (54) Vehicle body and subway vehicle having the same  
 (31) 202110706244.1 (32) 24.06.21 (33) CN

(71) CRRC Changchun Railway Vehicles Co., Ltd.  
 (21) 2021269415 (22) 19.11.2021  
 (54) Railway vehicle and underframe thereof  
 (31) 202110786602.4 (32) 12.07.21 (33) CN

**Cunningham, R. see Gardiner, A.**  
 (21) 2021269295

(71) CytoSorbents Corporation  
 (21) 2021273537 (22) 23.11.2021  
 (54) The use of a Hemocompatible porous polymer bead sorbent for removal of Endotoxemia-inducing molecules  
 (62) 2017272021

**Decipher Biosciences, Inc. see Mayo Foundation for Medical Education and Research**  
 (21) 2021273545

(71) Deere & Company  
 (21) 2021269408 (22) 18.11.2021  
 (54) Agricultural sprayer with real-time, on-machine target sensor  
 (31) 17/172,305 (32) 10.02.21 (33) US  
 63/128,435 21.12.20 US

(71) Deere & Company  
 (21) 2021269410 (22) 18.11.2021  
 (54) Agricultural sprayer with real-time, on-machine target sensor  
 (31) 17/172,294 (32) 10.02.21 (33) US  
 63/128,435 21.12.20 US

(71) Deere & Company  
 (21) 2021273511 (22) 22.11.2021  
 (54) Agricultural sprayer with real-time, on-machine target sensor  
 (31) 17/172,290 (32) 10.02.21 (33) US  
 63/128,435 21.12.20 US

(71) Dolby International AB  
 (21) 2021269310 (22) 16.11.2021  
 (54) Layered coding and data structure for compressed higher-order Ambisonics sound or sound field representations  
 (62) 2016335091

(71) Dupont Industrial BioSciences USA, LLC  
 (21) 2021269337 (22) 16.11.2021  
 (54) Enhanced barrier performance via blends of poly(ethylene furandi-carboxylate) and poly(ethylene terephthalate)  
 (62) 2016276042

(71) E<sup>N</sup>NAT Technologies LLC  
 (21) 2021269297 (22) 15.11.2021  
 (54) Systems and methods for providing a ReNAT communications environment  
 (62) 2019257538

(71) Earls, N.  
 (21) 2021273533 (22) 23.11.2021  
 (54) Hurdles  
 (31) 2102629.9 (32) 24.02.21 (33) GB

(71) Electrolux Appliances Aktiebolag  
 (21) 2021269352 (22) 17.11.2021  
 (54) LAUNDRY TREATMENT APPLIANCE WITH WATER SOFTENING SYSTEM  
 (31) 21168663.9 (32) 15.04.21 (33) EP

(71) Electrolux Appliances Aktiebolag  
 (21) 2021269357 (22) 17.11.2021  
 (54) LAUNDRY TREATMENT APPLIANCE WITH WATER SOFTENING SYSTEM  
 (31) 21168672.0 (32) 15.04.21 (33) EP

(71) Fisher & Paykel Healthcare Limited  
 (21) 2021273536 (22) 23.11.2021  
 (54) RESPIRATORY ASSISTANCE APPARATUS  
 (62) 2020202086

(71) Freedom Foods Group Limited  
 (21) 2021269327 (22) 16.11.2021  
 (54) A METHOD FOR PRODUCING A LACTOFERRIN POWDER AND USES THEREOF

(71) Fresenius Medical Care Holdings, Inc.  
 (21) 2021269335 (22) 16.11.2021  
 (54) Techniques for conducting virtual clinical trials  
 (62) 2018301418

(71) Friedhoff, L.T.; Ramaswamy, S.; Wen, Y.; Axovant Sciences GmbH  
 (21) 2021269398 (22) 18.11.2021  
 (54) Diaryl and arylheteroaryl urea derivatives useful for the prophylaxis and treatment of REM sleep behaviour disorder  
 (62) 2016276966

**Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz see Consorcio Centro de Investigacion Biomedica en Red, M.P**  
 (21) 2021273525

**Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus see Consorcio Centro de Investigacion Biomedica en Red, M.P**  
 (21) 2021273525

(71) FWP IP APS  
 (21) 2021269434 (22) 19.11.2021  
 (54) Pharmaceutical composition containing dimethyl fumarate for administration at a low daily dose  
 (62) 2019268049

**Galbraith, K. see Johnson, D.**  
 (21) 2021273550

(71) Gardiner, A.; Cunningham, R.  
 (21) 2021269295 (22) 15.11.2021  
 (54) SCAFFOLDING SAFETY BRACKET AND CLAMP SYSTEM  
 (31) 2020904200 (32) 16.11.20 (33) AU

(71) General Electric Company  
 (21) 2021269311 (22) 16.11.2021  
 (54) FLOATING PRIMARY VANE SWIRLER  
 (31) 202111043087 (32) 23.09.21 (33) IN

(71) GlassPoint Solar, Inc.  
 (21) 2021273548 (22) 23.11.2021  
 (54) Supports for suspended solar enhanced oil recovery concentrators and receivers, and associated systems and methods  
 (62) 2016287488

(71) Globaltech Corporation Pty Ltd  
 (21) 2021269365 (22) 17.11.2021  
 (54) DEPLOYMENT OF DOWNHOLE SENSING DEVICE(S)  
 (62) 2016301112

(71) Golden Renewable Energy, LLC  
 (21) 2021266352 (22) 12.11.2021  
 (54) Heated airlock feeder unit  
 (62) 2017293428

(71) Golden Solar (Quanzhou) New Energy Technology Co., Ltd.  
 (21) 2021269380 (22) 17.11.2021  
 (54) SOLAR CELL CHIP ARRANGEMENT MACHINE  
 (31) 202120637754.3 (32) 30.03.21 (33) CN

(71) Goldman Sachs & Co. LLC  
 (21) 2021269302 (22) 16.11.2021

Complete Applications Filed - Name Index cont'd

(54) SYSTEM AND METHOD FOR COUPLED DETECTION OF SYNTAX AND SEMANTICS FOR NATURAL LANGUAGE UNDERSTANDING AND GENERATION  
(62) 2021245127

(71) Gollan, M.  
(21) 2021273522 (22) 22.11.2021  
(54) METHODS AND SYSTEMS FOR FACILITATING PAYMENT TRANSACTION RECONCILIATION  
(62) 2019232911

**Grains Research and Development Corporation see Nuseed Nutritional Australia Pty Ltd**  
(21) 2021269427

(71) GW Research Limited  
(21) 2021269374 (22) 17.11.2021  
(54) Use of cannabinoids in the treatment of epilepsy  
(62) 2016278088

(71) Hip Innovation Technology, LLC  
(21) 2021269355 (22) 17.11.2021  
(54) SURGICAL TRAYS, INSTRUMENTS AND METHODS FOR IMPLANTING A HIP REPLACEMENT PROSTHESIS  
(62) 2016311057

(71) Ho, H.M.M.  
(21) 2021273513 (22) 22.11.2021  
(54) Inflatable neck traction device  
(31) 202011467755.4 (32) 14.12.20 (33) CN  
17/147,448 12.01.21 US

(71) Ho, H.M.M.  
(21) 2021273515 (22) 22.11.2021  
(54) Adjustable inflatable neck support device and method for manufacturing the same  
(31) 202011467755.4 (32) 14.12.20 (33) CN  
202110625030.1 04.06.21 CN  
17/147,448 12.01.21 US  
17/343,952 10.06.21 US

(71) Honeywell International Inc.  
(21) 2021269436 (22) 19.11.2021  
(54) Device for improving gas detection in photoionization detector  
(62) 2020201513

(71) HOWMEDICA OSTEONICS CORP.  
(21) 2021269401 (22) 18.11.2021  
(54) FIXATION DEVICE FOR UNICONDYLAR PROTHESIS  
(31) 63/118,300 (32) 25.11.20 (33) US

(71) HSBC Technology & Services (USA) Inc.  
(21) 2021269284 (22) 15.11.2021  
(54) Systems and methods for global transfers  
(62) 2019232786

(71) Huawei Technologies Co., Ltd.  
(21) 2021269359 (22) 17.11.2021  
(54) DISPLAY METHOD AND APPARATUS  
(62) 2017429200

(71) Illinois Tool Works Inc.  
(21) 2021266336 (22) 12.11.2021  
(54) Connection of structural components in a building structure  
(62) 2016268249

(71) Illumina, Inc; Illumina Cambridge Limited  
(21) 2021269291 (22) 15.11.2021  
(54) Single light source, two-optical channel sequencing  
(62) 2018231017

(71) Illumina, Inc.  
(21) 2021269294 (22) 15.11.2021  
(54) Validation methods and systems for sequence variant calls  
(62) 2018375785

(71) Illumina, Inc.  
(21) 2021269351 (22) 17.11.2021  
(54) Deep learning-based techniques for pre-training deep convolutional neural networks  
(62) 2019272062

(71) Illumina, Inc.  
(21) 2021269389 (22) 18.11.2021  
(54) High-throughput sequencing with semiconductor-based detection  
(62) 2019205496

**Illumina Cambridge Limited see Illumina, Inc**  
(21) 2021269291

(71) Intarcia Therapeutics, Inc.  
(21) 2021269322 (22) 16.11.2021  
(54) Glucagon-receptor selective polypeptides and methods of use thereof  
(62) 2020201358

(71) James Cook University; Meat and Livestock Australia Limited; Commonwealth Scientific and Industrial Research Organisation  
(21) 2021273523 (22) 22.11.2021

(54) GROWTH PERFORMANCE IMPROVEMENTS IN PASTURE AND FEEDLOT SYSTEMS  
(62) 2016415998

(71) Janssen Biotech, Inc.  
(21) 2021266345 (22) 12.11.2021  
(54) Protoxin-II variants and methods of use thereof  
(62) 2016242905

(71) Janssen Pharmaceutica NV  
(21) 2021269348 (22) 17.11.2021  
(54) Antibodies to paliperidone and use thereof  
(62) 2019268050

(71) Janssen Pharmaceutica NV  
(21) 2021269420 (22) 19.11.2021  
(54) Antibody-coupled cyclic peptide tyrosine tyrosine compounds as modulators of neuropeptide Y receptors  
(62) 2017348175

(71) Johnson, D.; Galbraith, K.  
(21) 2021273550 (22) 23.11.2021  
(54) A BRACKET FOR A CLOTHESLINE ASSEMBLY AND A CLOTHESLINE ASSEMBLY  
(31) 2020904399 (32) 27.11.20 (33) AU  
2021902487 11.08.21 AU

(71) Joy Global Underground Mining LLC  
(21) 2021269303 (22) 16.11.2021  
(54) CUTTING ASSEMBLY FOR LONG-WALL MINING SYSTEM  
(31) 63/114,227 (32) 16.11.20 (33) US

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation  
(21) 2021269388 (22) 18.11.2021  
(54) Runner blade impact load estimation method  
(31) 2021-000262 (32) 04.01.21 (33) JP

**Kindeva Drug Delivery L.P. see Radius Health, Inc.**  
(21) 2021269361

(71) Kinetic Orthotics Pty Ltd  
(21) 2021269382 (22) 17.11.2021  
(54) Improved Orthotics  
(31) 2020904253 (32) 18.11.20 (33) AU

(71) LG Electronics Inc.  
(21) 2021269409 (22) 18.11.2021  
(54) Cleaning apparatus  
(62) 2019271878

(71) LG Electronics Inc.  
(21) 2021273534 (22) 23.11.2021

Complete Applications Filed - Name Index cont'd

(54) Cleaner and control method thereof  
(62) 2017424181

(71) LG ELECTRONICS INC.  
(21) 2021269418 (22) 19.11.2021  
(54) REFRIGERATOR  
(31) 10-2020-0155755 (32) 19.11.20 (33) KR

(71) LG ELECTRONICS INC.  
(21) 2021269421 (22) 19.11.2021  
(54) REFRIGERATOR FOR VEHICLE AND VEHICLE  
(62) 2018215766

(71) Lonza, LLC  
(21) 2021273546 (22) 23.11.2021  
(54) FIRE-RETARDANT ORIENTED STRAND BOARD (OSB)  
(62) 2020203984

(71) Lungpacer Medical Inc.  
(21) 2021269386 (22) 18.11.2021  
(54) Apparatus and methods for assisted breathing by transvascular nerve stimulation  
(62) 2019283933

(71) masoiumian Zavareh, a.; Mokhtarian, S.  
(21) 2021269316 (22) 16.11.2021  
(54) Imagine you can log onto your app, pick a shopping centre of your choice in an area and see how many "CYBERSHOPPERS" are currently working or "online" at that time. you can choose your assistant shopper specifically or pick to randomly and chat with your assistant ask for specific items, shops or even have them look for a certain type of clothing for instance shopper says "I have a wedding tonight I need a nice plain black button up top" shopper will try to assist to find your item and they can send photos or videos, confirm sizes etc.

(71) Maxsun (Dalian) Co., Ltd  
(21) 2021269280 (22) 15.11.2021  
(54) Safety device regulator  
(62) 2019206123

(71) Mayo Foundation for Medical Education and Research; Decipher Biosciences, Inc.  
(21) 2021273545 (22) 23.11.2021  
(54) Cancer diagnostics using biomarkers  
(62) 2019201577

**Meat and Livestock Australia Limited see James Cook University**  
(21) 2021273523

(71) Medos International Sàrl  
(21) 2021273516 (22) 22.11.2021  
(54) Arthroscopic medical implements and assemblies  
(31) 17/101,244 (32) 23.11.20 (33) US

(71) Medos International Sàrl  
(21) 2021273517 (22) 22.11.2021  
(54) Arthroscopic medical implements and assemblies  
(31) 17/101,259 (32) 23.11.20 (33) US

(71) Memorial Sloan Kettering Cancer Center  
(21) 2021269353 (22) 17.11.2021  
(54) Pressure sensitive arrangement and method for use thereof  
(62) 2019272046

(71) Mine Tech Australia Pty Ltd  
(21) 2021269428 (22) 19.11.2021  
(54) Vehicular vector variance system and methodology  
(31) 2020904271 (32) 19.11.20 (33) AU

(71) Mobidiag Ltd  
(21) 2021269432 (22) 19.11.2021  
(54) Method for detecting the presence of a hypervirulent Clostridium difficile strain  
(62) 2015366081

(71) Mobileye Vision Technologies Ltd.  
(21) 2021269330 (22) 16.11.2021  
(54) SPARSE MAP FOR AUTONOMOUS VEHICLE NAVIGATION  
(62) 2016219343

**Mokhtarian, S. see masoiumian Zavareh, a.**  
(21) 2021269316

(71) Monash University  
(21) 2021269278 (22) 15.11.2021  
(54) Lymph directing produgs  
(62) 2020204522

(71) MonoSol, LLC  
(21) 2021269270 (22) 15.11.2021  
(54) Water soluble film for thermoforming deep-drawn profiles and thermoformed articles comprising same  
(62) 2017212659

(71) Motorola Solutions, Inc.  
(21) 2021269288 (22) 15.11.2021  
(54) SYSTEM AND METHOD FOR MANAGING SPEECH RECOGNITION  
(62) 2019225657

(71) Motorola Solutions, Inc.  
(21) 2021273518 (22) 22.11.2021

(54) METHOD AND APPARATUS FOR RAPIDLY AND DYNAMICALLY ADJUSTING CURRENT LIMITING IN A PORTABLE COMMUNICATION DEVICE  
(62) 2019313278

(71) Namvar, K.  
(21) 2021269426 (22) 19.11.2021  
(54) A Multi-Channel Signal Transmission Management System  
(62) 2019264540

(71) National University of Singapore  
(21) 2021269324 (22) 16.11.2021  
(54) Compositions and methods utilizing lysophosphatidylcholine scaffolds  
(62) 2019201000

(71) Natural Fiber Welding, Inc.  
(21) 2021266357 (22) 12.11.2021  
(54) Methods, processes, and apparatuses for producing dyed and welded substrates  
(62) 2017259983

**Navipharm Co, Ltd see University-Industry Cooperation Group of Kyung Hee University**  
(21) 2021269282

(71) Netflix, Inc.  
(21) 2021269405 (22) 18.11.2021  
(54) Encoding techniques for optimizing distortion and bitrate  
(62) 2018303643

(71) Newton, S.  
(21) 2021273541 (22) 23.11.2021  
(54) A Shield Assembly for Roof Works  
(31) 2020904314 (32) 23.11.20 (33) AU

(71) Nextivity, Inc.  
(21) 2021269425 (22) 19.11.2021  
(54) LOW POWER CELLULAR BASE STATION  
(62) 2018297343

(71) Nextracker Inc.  
(21) 2021273519 (22) 22.11.2021  
(54) Helical Actuator System for Solar Tracker  
(62) 2019282152

(71) Nextracker Inc.  
(21) 2021273521 (22) 22.11.2021  
(54) Multi-Power Source Systems for Photovoltaic Battery Control  
(62) 2019248465

Complete Applications Filed - Name Index cont'd

(71) Nextremity Solutions, Inc.  
 (21) 2021269342 (22) 17.11.2021  
 (54) System and Method for Bone Fixation  
 (31) 63/115,460 (32) 18.11.20 (33) US  
 63/185,761 07.05.21 US  
 63/244,310 15.09.21 US

(71) NGeneBio Co., Ltd.  
 (21) 2021269402 (22) 18.11.2021  
 (54) PERSONALIZED MEAL DIET AND EXERCISE PROVIDING METHOD USING INTEGRATED HEALTH INFORMATION AND SERVICE SYSTEM  
 (31) 10-2020-0158477 (32) 24.11.20 (33) KR

(71) NGeneBio Co., Ltd.  
 (21) 2021269412 (22) 18.11.2021  
 (54) PERSONALIZED CONTENT PROVIDING METHOD BASED ON PERSONAL MULTIPLE FEATURE INFORMATION AND ANALYSIS APPARATUS  
 (31) 10-2020-0160577 (32) 26.11.20 (33) KR

(71) Nicoventures Trading Limited  
 (21) 2021273539 (22) 23.11.2021  
 (54) A control device for an electronic aerosol provision system  
 (62) 2019244383

(71) NIKE Innovate C.V.  
 (21) 2021266347 (22) 12.11.2021  
 (54) Waistband for article of apparel  
 (62) 2020273336

(71) Norvall, J.  
 (21) 2021269321 (22) 16.11.2021  
 (54) EWP Anchor Point Dead Man Switch including a sensed Caribana preventing the operation of an EWP

(71) Novartis AG  
 (21) 2021269450 (22) 19.11.2021  
 (54) Parenteral Formulation comprising Si-ponimod  
 (62) 2018341136

(71) NOY PTY LTD  
 (21) 2021269315 (22) 16.11.2021  
 (54) Butcher Bird Trap

(71) Nuseed Nutritional Australia Pty Ltd; Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation  
 (21) 2021269427 (22) 19.11.2021  
 (54) Production of long chain polyunsaturated fatty acids in plant cells  
 (62) 2018247287

(71) Omnicyte  
 (21) 2021269306 (22) 16.11.2021

(54) Fusion proteins comprising modified alpha virus surface glycoproteins and tumor associated antigen and methods thereof  
 (62) 2016232771

(71) Oncocross Co.,Ltd.  
 (21) 2021269360 (22) 17.11.2021  
 (54) Composition for preventing and treating muscular disease  
 (62) 2019261476

(71) Oncocross Co.,Ltd.  
 (21) 2021269368 (22) 17.11.2021  
 (54) Composition for preventing and treating muscular disease  
 (62) 2019261476

(71) OPKO Biologics Ltd.  
 (21) 2021269373 (22) 17.11.2021  
 (54) Long-acting coagulation factor VII and methods of producing same  
 (62) 2017296352

(71) Opus Medical Therapies, LLC  
 (21) 2021269345 (22) 17.11.2021  
 (54) Transcatheter atrial sealing skirt, anchor and tether, and methods of implantation  
 (62) 2021250884

(71) Otsuka Pharmaceutical Co., Ltd.  
 (21) 2021269390 (22) 18.11.2021  
 (54) Systems, devices, and methods for ingestible event sensing and analysis  
 (62) 2016217324

(71) Palo Alto Research Center Incorporated  
 (21) 2021269444 (22) 19.11.2021  
 (54) Mechanical Triggers And Triggering Methods For Self-Destructing Frangible Structures and Sealed Vessels  
 (31) 17/128,714 (32) 21.12.20 (33) US

(71) Palo Alto Research Center Incorporated  
 (21) 2021269445 (22) 19.11.2021  
 (54) Triggerable Mechanisms and Fragment Containment Arrangements For Self-Destructing Frangible Structures and Sealed Vessels  
 (31) 17/129,344 (32) 21.12.20 (33) US

(71) Partner Pacific Pty Ltd  
 (21) 2021269277 (22) 15.11.2021  
 (54) VENT COVER  
 (31) 2020904218 (32) 16.11.20 (33) AU

(71) Pérez, A.  
 (21) 2021269312 (22) 16.11.2021

(54) Chute to receive materials from mining operations to be transferred to a ball mill  
 (31) 2970-2020 (32) 16.11.20 (33) CL

(71) Pérez, A.  
 (21) 2021269313 (22) 16.11.2021  
 (54) Spout feeder for the discharge of materials to a ball mill  
 (31) 2969-2020 (32) 16.11.20 (33) CL

(71) Presage Biosciences, Inc.  
 (21) 2021273532 (22) 23.11.2021  
 (54) Pharmaceutical combinations for the treatment of cancer  
 (62) 2020201247

(71) Progress Rail Locomotive Inc.  
 (21) 2021269349 (22) 17.11.2021  
 (54) Visual diagnostic system for railroad network  
 (62) 2016208429

(71) Proway Livestock Equipment Pty Ltd  
 (21) 2021269347 (22) 17.11.2021  
 (54) Gate Apparatus  
 (31) 2020904239 (32) 17.11.20 (33) AU

(71) Psomagen, Inc.  
 (21) 2021273531 (22) 23.11.2021  
 (54) Targeted drugs associated with trimethylamine and/or trimethylamine-N-oxide  
 (62) 2018317401

(71) PURAC Biochem BV  
 (21) 2021269323 (22) 16.11.2021  
 (54) Fatty acid esters against infections in fermentations  
 (62) 2017324801

(71) PURAC Biochem BV  
 (21) 2021269325 (22) 16.11.2021  
 (54) Fatty acid esters against infections in fermentations  
 (62) 2017324801

(71) Qualyst Transporter Solutions, LLC  
 (21) 2021269341 (22) 17.11.2021  
 (54) UTILITY OF PROTEIN IN THE PREDICTION OF IN VIVO EFFECTS  
 (62) 2015328138

(71) Radius Health, Inc.; Kindeva Drug Delivery L.P.  
 (21) 2021269361 (22) 17.11.2021  
 (54) Formulations of PTHrP analogues, transdermal patches thereof, and uses thereof  
 (62) 2016334378

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**Ramaswamy, S. see Friedhoff, L.T.**  
(21) 2021269398

(71) Rani Therapeutics, LLC  
(21) 2021269453 (22) 22.11.2021  
(54) Anti-interleukin antibody preparations for delivery into a lumen of the intestinal tract using a swallowable drug delivery device  
(62) 2016261599

(71) Razer (Asia-Pacific) Pte. Ltd.  
(21) 2021269304 (22) 16.11.2021  
(54) Analog input device, and method of controlling a lighting arrangement of the analog input device  
(31) 202011615560X (32) 30.12.20 (33) CN

(71) Reading Doctor Pty Ltd  
(21) 2021269413 (22) 18.11.2021  
(54) TEACHING AND ASSESSMENT METHODS AND SYSTEMS  
(62) 2019229337

(71) Red Bull GmbH  
(21) 2021273514 (22) 22.11.2021  
(54) Method for preparing an extract containing gallic acid, aqueous concentrate containing gallic acid, and food-stuff and food supplement containing the aqueous concentrate  
(31) 20209040.3 (32) 20.11.20 (33) EP

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology  
(21) 2021269269 (22) 15.11.2021  
(54) Methods for treating chronic sinusitis with nasal polyps by administering an IL-4R antagonist  
(62) 2015346150

(71) Res, G.  
(21) 2021269391 (22) 18.11.2021  
(54) An Alternator Stator Clamping Device  
(31) 2020904263 (32) 18.11.20 (33) AU

(71) Rescue Therapeutics, Inc.; The Regents of the University of California  
(21) 2021269397 (22) 18.11.2021  
(54) Compounds and compositions for the treatment of cancer  
(62) 2017290705

(71) Rhythm Pharmaceuticals, Inc.  
(21) 2021269411 (22) 18.11.2021  
(54) Peptide compositions  
(62) 2020203353

(71) Rifeng Enterprise (Foshan) Co., Ltd.; Rifeng Enterprise Group Co., Ltd.; Rifeng Technology Co., Ltd.  
(21) 2021269332 (22) 16.11.2021

(54) CONNECTING JOINT  
(62) PCT/CN2020/085700

**Rifeng Enterprise Group Co., Ltd. see Rifeng Enterprise (Foshan) Co., Ltd.**  
(21) 2021269332

**Rifeng Technology Co., Ltd. see Rifeng Enterprise (Foshan) Co., Ltd.**  
(21) 2021269332

(71) Safetylink Pty Ltd  
(21) 2021273524 (22) 22.11.2021  
(54) Vertical Lifeline Shuttle  
(31) 2020904392 (32) 27.11.20 (33) AU

(71) SAMSUNG ELECTRONICS CO., LTD.  
(21) 2021269392 (22) 18.11.2021  
(54) Electronic device including display  
(62) 2017240614

(71) Sanofi  
(21) 2021269404 (22) 18.11.2021  
(54) Methods for treatment of Alport Syndrome  
(62) 2019210494

**Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.**  
(21) 2021269269

**Saunders, E. see Saunders, S.**  
(21) 2021273530

**Saunders, J. see Saunders, S.**  
(21) 2021273530

(71) Saunders, S.; Saunders, E.; Saunders, J.  
(21) 2021273530 (22) 22.11.2021  
(54) Motor Vehicle Drivelines  
(31) 2020903836 (32) 22.10.20 (33) AU

(71) Sawafuji Electric Co., Ltd.  
(21) 2021269438 (22) 19.11.2021  
(54) Separator-supporting bracket, basket, and portable refrigerator  
(31) 2020-193455 (32) 20.11.20 (33) JP

(71) Seapa IP Pty Ltd  
(21) 2021273553 (22) 23.11.2021  
(54) REMOVEABLE AQUATIC BASKET AND FLOAT SYSTEM AND METHOD  
(62) 2021204203

(71) Seats Incorporated  
(21) 2021273547 (22) 23.11.2021  
(54) Bellows for seat assembly  
(31) 17/101,747 (32) 23.11.20 (33) US

(71) Serum Institute of India Private Limited  
(21) 2021269395 (22) 18.11.2021  
(54) Improved methods for enterovirus inactivation, adjuvant adsorption and dose reduced vaccine compositions obtained thereof  
(62) 2015334495

(71) SHANGHAI CONCORD ELECTRONIC & MACHINERY CO.,LTD.  
(21) 2021269339 (22) 16.11.2021  
(54) CAR ROOF ELECTRIC LIFTING LUG-GAGE RACK  
(31) 202111066728.0 (32) 13.09.21 (33) CN

(71) Shenzhen Reekoos Houseware Co.,Ltd.  
(21) 2021269371 (22) 17.11.2021  
(54) A MULTI-FUNCTION FIXING KIT  
(31) 17/335,183 (32) 01.06.21 (33) US

(71) Simpson, P.R.  
(21) 2021269431 (22) 19.11.2021  
(54) Building Block and Extreme Weather Building System  
(31) 2021901446 (32) 14.05.21 (33) AU

(71) Snap-on Incorporated  
(21) 2021269378 (22) 17.11.2021  
(54) Tool extension  
(62) 2020200667

(71) Snap-on Incorporated  
(21) 2021269384 (22) 18.11.2021  
(54) IMPACT MECHANISM FOR A ROTARY IMPACT TOOL  
(31) 17/115,044 (32) 08.12.20 (33) US

(71) Snap-on Incorporated  
(21) 2021273535 (22) 23.11.2021  
(54) METHOD OF BRAKING A POWER TOOL  
(31) 17/122,285 (32) 15.12.20 (33) US

(71) Specialist Health Solutions Limited  
(21) 2021273544 (22) 23.11.2021  
(54) Injection head for excitation of fluid  
(31) 2018359.6 (32) 23.11.20 (33) GB

(71) Spectrum Brands, Inc.  
(21) 2021269400 (22) 18.11.2021  
(54) REKEYABLE LOCK CYLINDER WITH ENHANCED TORQUE RESISTANCE  
(62) 2016280614

(71) Spogen Biotech Inc.  
(21) 2021269338 (22) 16.11.2021



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(54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes  
(62) 2017233034

(71) Square, Inc  
(21) 2021269452 (22) 21.11.2021  
(54) Integrated online and offline inventory management  
(62) 2019229446

**State Grid Jiangsu Electric Power Co., Ltd see State Grid Jiangsu Electric Power Co., LTD, Nanjing Power Supply Branch**  
(21) 2021273526

(71) State Grid Jiangsu Electric Power Co., LTD, Nanjing Power Supply Branch; State Grid Jiangsu Electric Power Co., Ltd  
(21) 2021273526 (22) 22.11.2021  
(54) A DECISION-MAKING OPTIMIZATION METHOD AND SYSTEM TO INVEST IN AND CONSTRUCT A HYBRID RENEWABLE ENERGY SYSTEM FOR MULTIPLE SCENARIOS  
(31) 202111137929.5 (32) 27.10.21 (33) CN

(71) Strata Safety Products, LLC  
(21) 2021269414 (22) 18.11.2021  
(54) Electromagnetic field adjustment for proximity detection  
(62) 2019206050

(71) Stryker Corporation  
(21) 2021269343 (22) 17.11.2021  
(54) SURGICAL INSTRUMENT INCLUDING HOUSING, A CUTTING ACCESSORY THAT EXTENDS FROM THE HOUSING AND ACTUATORS THAT ESTABLISH THE POSITION OF THE CUTTING ACCESSORY RELATIVE TO THE HOUSING  
(62) 2019226263

(71) Stryker Corporation  
(21) 2021269443 (22) 19.11.2021  
(54) System and method for driving an ultrasonic handpiece with a linear amplifier  
(62) 2016261642

**Sundara, A. see Truong, P.**  
(21) 2021269340

(71) Surface Oncology, Inc.  
(21) 2021269448 (22) 19.11.2021  
(54) Antibodies that bind CD39 and uses thereof  
(62) 2019235842

(71) Tankless Pty Ltd  
(21) 2021269296 (22) 15.11.2021

(54) Subsurface Water Collector  
(31) 2020904238 (32) 17.11.20 (33) AU

(71) Terex GB Limited  
(21) 2021269435 (22) 19.11.2021  
(54) FOLDABLE CONVEYOR WITH DEPLOYABLE SKIRTING  
(31) 2018490.9 (32) 24.11.20 (33) GB

(71) Terra Quantum AG  
(21) 2021269358 (22) 17.11.2021  
(54) METHOD FOR DETERMINING A PREIMAGE ELEMENT OF A CRYPTOGRAPHIC HASH FUNCTION, COMPUTER PROGRAM, AND DATA PROCESSING SYSTEM  
(31) 20209837.2 (32) 25.11.20 (33) EP

(71) The Boeing Company  
(21) 2021269293 (22) 15.11.2021  
(54) Using human motion sensors to detect movement when in the vicinity of hydraulic robots  
(62) 2017203490

(71) The Boeing Company  
(21) 2021269362 (22) 17.11.2021  
(54) Systems and methods for real-time network traffic analysis  
(31) 63/127,844 (32) 18.12.20 (33) US

(71) The Boeing Company  
(21) 2021269370 (22) 17.11.2021  
(54) Systems and methods for context aware cybersecurity  
(31) 63/127,785 (32) 18.12.20 (33) US

(71) The Boeing Company  
(21) 2021269442 (22) 19.11.2021  
(54) Systems and methods for non-destructive testing involving remotely located expert  
(62) 2016201922

(71) THE CHEMOURS COMPANY FC, LLC  
(21) 2021269429 (22) 19.11.2021  
(54) COMPOSITIONS COMPRISING A FLUOROOLEFIN  
(62) 2020203926

(71) The Goodyear Tire & Rubber Company  
(21) 2021269375 (22) 17.11.2021  
(54) RFID tag secured to a tire  
(31) 17/107,989 (32) 01.12.20 (33) US

(71) The Johns Hopkins University  
(21) 2021269446 (22) 19.11.2021  
(54) COMPOSITIONS AND METHODS FOR THE EXPRESSION OF CRISPR GUIDE RNAS USING A BIDIRECTIONAL PROMOTER  
(62) 2015277369

**The Regents of the University of California see Rescue Therapeutics, Inc.**  
(21) 2021269397

(71) Thermo Fisher Scientific (Bremen) GmbH  
(21) 2021273542 (22) 23.11.2021  
(54) Diagnostic testing method for a spectrometer  
(31) 2018380.2 (32) 23.11.20 (33) GB

(71) The UAB Research Foundation; The University of Tokyo  
(21) 2021269320 (22) 16.11.2021  
(54) PNEUMOCOCCAL VACCINE COMBINING SELECTED ALPHA HELICAL DOMAINS AND PROLINE RICH DOMAINS OF PNEUMOCOCCAL SURFACE PROTEIN A  
(62) 2017366726

(71) The University of Melbourne  
(21) 2021269317 (22) 16.11.2021  
(54) Treatment for gingivitis  
(62) 2018233577

**The University of Tokyo see The UAB Research Foundation**  
(21) 2021269320

(71) The Walter and Eliza Hall Institute of Medical Research; University of Utah Research Foundation  
(21) 2021269301 (22) 16.11.2021  
(54) Insulin Analogs  
(62) 2017298565

(71) TODD, P.  
(21) 2021269309 (22) 16.11.2021  
(54) A WATERCRAFT MANOEUVRING DEVICE AND A SURFACE WATERCRAFT INCLUDING THE MANOEUVRING DEVICE  
(62) 2021221704

(71) Toonsquare Corp  
(21) 2021269326 (22) 16.11.2021  
(54) Device and method for automatically creating cartoon image based on input sentence  
(31) KR (32) 29.07.21 (33) KR  
10-2021-0099674

**Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**  
(21) 2021269388

(71) Truma Geratetechnik GmbH & Co. KG  
(21) 2021269406 (22) 18.11.2021

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(54) Fill-level gage, method for operating a fill-level gage, and assembly consisting of a fill-level gage and at least one spacer  
(62) 2020233782

(71) Truong, P.; Sundara, A.  
(21) 2021269340 (22) 16.11.2021  
(54) PORTABLE AND FOLDABLE CHAIR  
(31) 16/950,909 (32) 18.11.20 (33) US

(71) Uber Technologies, Inc.  
(21) 2021268626 (22) 15.11.2021  
(54) METHOD AND SYSTEM FOR SHARED TRANSPORT  
(62) 2016355549

(71) University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd  
(21) 2021269282 (22) 15.11.2021  
(54) Novel lactic acid bacteria and use thereof  
(62) 2018358456

(71) University of Central Florida Research Foundation, Inc.  
(21) 2021266360 (22) 12.11.2021  
(54) Methods and compositions for natural killer cells  
(62) 2015339447

University of Southern California see Board of Supervisors of Louisiana State University and Agricultural and Mechanical College  
(21) 2021269396

University of Utah Research Foundation see The Walter and Eliza Hall Institute of Medical Research  
(21) 2021269301

(71) VisCardia, Inc.  
(21) 2021269285 (22) 15.11.2021  
(54) IMPLANTABLE MEDICAL DEVICES AND METHODS FOR REAL-TIME OR NEAR REAL-TIME ADJUSTMENT OF DIAPHRAGMATIC STIMULATION PARAMETERS TO AFFECT PRESSURES WITHIN THE INTRATHORACIC CAVITY  
(62) 2017258306

(71) Viseon, Inc.  
(21) 2021273512 (22) 22.11.2021  
(54) CAMERA SYSTEM FOR USE WITH RETRACTORS  
(31) 17/444,328 (32) 03.08.21 (33) US

(71) Wabash National, L.P.  
(21) 2021269300 (22) 15.11.2021

(54) COMPOSITE TRUCK BODY KITS  
(31) 63/118,335 (32) 25.11.20 (33) US

(71) Waters, T.  
(21) 2021269387 (22) 18.11.2021  
(54) METAL OXIDE CEMENT  
(62) 2019257546

(71) WATT FUEL CELL CORP.  
(21) 2021273527 (22) 22.11.2021  
(54) THERMALLY INSULATED HOUSING FOR A HEAT-PRODUCING, HEAT-RADIATING DEVICE  
(62) 2019332965

(71) WAYE, LLC  
(21) 2021269447 (22) 19.11.2021  
(54) Method and apparatus for route planning  
(62) 2019205451

(71) Waymo LLC  
(21) 2021266362 (22) 13.11.2021  
(54) CAMERA RING STRUCTURE FOR AUTONOMOUS VEHICLES  
(62) 2019285161

(71) Waymo LLC  
(21) 2021269383 (22) 18.11.2021  
(54) AUTONOMOUS VEHICLE SERVICES  
(62) 2020205357

(71) Weber, P.  
(21) 2021269308 (22) 16.11.2021  
(54) APPARATUS AND METHODS FOR MINIMALLY INVASIVE DISSECTION AND MODIFICATION OF TISSUES  
(62) 2020240977

Wen, Y. see Friedhoff, L.T.  
(21) 2021269398

(71) WestRock Packaging Systems, LLC  
(21) 2021273582 (22) 24.11.2021  
(54) Carton and carton blank  
(62) 2016323648

(71) Wing Aviation LLC  
(21) 2021269329 (22) 16.11.2021  
(54) Rotor units having asymmetric rotor blades  
(62) 2020210151

(71) Wix.com Ltd.  
(21) 2021269367 (22) 17.11.2021  
(54) Device, system, and method of website building by utilizing data lists  
(62) 2020200349

Woodford, N. see Woodford, C.

(21) 2021269440

(71) Woodford, C.; Woodford, N.  
(21) 2021269440 (22) 19.11.2021  
(54) A TRUSS  
(31) 2020904280 (32) 19.11.20 (33) AU

(71) Xspray Microparticles AB  
(21) 2021269328 (22) 16.11.2021  
(54) A pharmaceutical composition comprising stable, amorphous hybrid nanoparticles of at least one protein kinase inhibitor and at least one polymeric stabilizing and matrix-forming component  
(62) 2019275513

(71) Xspray Microparticles AB  
(21) 2021269331 (22) 16.11.2021  
(54) A pharmaceutical composition comprising stable, amorphous hybrid nanoparticles of at least one protein kinase inhibitor and at least one polymeric stabilizing and matrix-forming component  
(62) 2019275513

(71) Zillow, Inc.  
(21) 2021272244 (22) 22.11.2021  
(54) Automated determination of image acquisition locations in building interiors using determined room shapes  
(31) 63/117,372 (32) 23.11.20 (33) US  
17/201,996 15.03.21 US

(71) ZTE Corporation  
(21) 2021273540 (22) 23.11.2021  
(54) NETWORK SLICING SERVING FUNCTION  
(62) 2018240192

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2021269296	Tankless Pty Ltd	2021269362	The Boeing Company
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2021269298	Biogen MA Inc.	2021269364	Crispr Therapeutics AG
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2021269300	Wabash National, L.P.	2021269366	Bartlett Transport Improvements Pty. Ltd.
2021269301	The Walter and Eliza Hall Institute of Medical Research; University of Utah Research Foundation	2021269367	Wix.com Ltd.
2021269302	Goldman Sachs & Co. LLC	2021269368	Oncocross Co.,Ltd.
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2021269334	Adeka Corporation		

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2021269400	Spectrum Brands, Inc.	2021273525	Consorcio Centro de Investigacion Biomedica en Red, M.P.; Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus
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2021273523	James Cook University; Meat and Livestock Australia Limited; Commonwealth Scientific and Industrial Research Organisation		
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Applications listed below were processed through the Patent Office Canberra during the period ending 23 Nov 2021 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) A & J AUSTRALIA PTY LTD  
(21) 2021107624 (22) 25.11.2021  
(54) EASY ACCESS SAFETY CONTAINER  
(62) 2020286329

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(71) Aero-Tech Pty Ltd  
(21) 2021107629 (22) 26.11.2021  
(54) Sweeper  
(62) 2021102197

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(71) BLASTONE TECHNOLOGY PTY LTD  
(21) 2021107627 (22) 24.11.2021  
(54) AN IMPROVED BLAST NOZZLE  
(62) PCT/AU2021/050827

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(71) Hyperion Technology Pty Ltd  
(21) 2021107619 (22) 24.11.2021  
(54) A System for Off-Grid Facilities & Traffic  
Management  
(62) 2021221723

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(21) 2021107620 (22) 24.11.2021  
(54) A Method for Off-Grid Facilities & Traffic  
Management  
(62) 2021221723

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(71) Hyperion Technology Pty Ltd  
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(54) An Apparatus for Off-Grid Facilities &  
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(62) 2021221723

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(71) Institute of Oceanology, Chinese  
Academy of Sciences  
(21) 2021107625 (22) 25.11.2021  
(54) ROV-BASED IN-SITU DETECTION  
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(62) PCT/CN2021/078578

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(54) Power Consumption Monitoring and  
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(62) 2021107583

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(71) PowerPal Pty Ltd  
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(54) Power Consumption Monitoring and  
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(62) 2021107583

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(71) Stewart, D.  
(21) 2021107626 (22) 26.11.2021  
(54) Real estate buyer identification tool and  
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(62) 2018101047

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(71) Tuffstuff International Pty Ltd  
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**Applications with amended filing dates Reg 3.5(A).**

2021204414 **Al Rekabi, H.** The filing date has been amended to 14.09.2021  
 2021232735 **California Institute of Technology** The filing date has been amended to 17.09.2021

**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
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- 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
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- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
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- 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
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 2018201399 ( 1B ) 2018202754 ( 1B ) 2018203800 ( 14 )  
 2018216628 ( 1B ) 2018246127 ( 1B ) 2018259984 ( 5C )  
 2018263797 ( 1B ) 2018265129 ( 5C ) 2018267200 ( 5C )  
 2018273896 ( 5C ) 2018288044 ( 5C ) 2018297439 ( 1B )  
 2018298030 ( 1B ) 2018299983 ( 1B ) 2018299989 ( 1B )  
 2018301254 ( 5C ) 2018301297 ( 1B ) 2018301489 ( 1B )  
 2018302325 ( 5C ) 2018303589 ( 5C ) 2018314147 ( 5C )  
 2018324045 ( 5C ) 2018334694 ( 5C ) 2018341154 ( 5C )  
 2018343239 ( 5C ) 2018354549 ( 5C ) 2018355095 ( 5C )  
 2018366384 ( 1B ) 2018368062 ( 5C ) 2018370721 ( 5C )  
 2018375785 ( 5C ) 2018384198 ( 5C ) 2018388008 ( 5C )

**2019**

2019100508 ( 22E ) 2019100509 ( 22E ) 2019100515 ( 22E )  
 2019101010 ( 22G ) 2019101328 ( 22E ) 2019101407 ( 22E )  
 2019200745 ( 14 ) 2019201694 ( 4C ) 2019202556 ( 4C )  
 2019203803 ( 4C ) 2019204801 ( 4C ) 2019205611 ( 1B )  
 2019210504 ( 25D ) 2019213768 ( 5C ) 2019224098 ( 5C )  
 2019226279 ( 4C ) 2019250164 ( 5C ) 2019250272 ( 4C )  
 2019252877 ( 1B ) 2019257387 ( 5C ) 2019261769 ( 5C )  
 2019268112 ( 5C ) 2019271996 ( 5C ) 2019272021 ( 5C )  
 2019275644 ( 5C ) 2019276150 ( 5C ) 2019276151 ( 5C )  
 2019276152 ( 5C ) 2019284113 ( 5C ) 2019320616 ( 5C )  
 2019397089 ( 5C )

**2020**

2020201656 ( 5C ) 2020202175 ( 5C ) 2020202512 ( 5C )  
 2020202725 ( 4C ) 2020203882 ( 5C ) 2020204040 ( 5CN )  
 2020235571 ( 5C ) 2020236748 ( 5C ) 2020239610 ( 5C )  
 2020239734 ( 5C ) 2020904362 ( 12AN ) 2020904425 ( 12AN )  
 2020904430 ( 12AN ) 2020904623 ( 12AN )

**2021**

2021101997 ( 18AN ) 2021102144 ( 16NN ) 2021102236 ( 16NN )  
 2021106034 ( 16NN ) 2021106145 ( 16NN ) 2021106382 ( 16NN )  
 2021106421 ( 16NN ) 2021106769 ( 16NN ) 2021107480 ( 18AN )  
 2021107490 ( 18AN ) 2021107507 ( 18AN ) 2021107524 ( 18AN )  
 2021107540 ( 17AN ) 2021221900 ( 1B ) 2021225139 ( 1B )  
 2021229140 ( 7AN ) 2021273582 ( 12AN ) 2021900062 ( 12AN )



**Assignments before Grant, Section 113**

**2013**

2013905033 Grains Research and Development Corporation; Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

**2014**

2014902471 Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd; Grains Research and Development Corporation The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

**2015**

2015281791 Grains Research and Development Corporation; Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

**2016**

2016209295 PhaseRx, Inc. The application has been assigned to **Genevant Sciences GmbH**

2016347478 Birkenstock Sales GmbH The application has been assigned to **Birkenstock IP GmbH**

**2018**

2018247287 Grains Research and Development Corporation; Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

**2020**

2020203743 Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd; Grains Research and Development Corporation The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

**2021**

2021203275 G+FLAS Life Sciences The application has been assigned to **Seoul National University R&DB Foundation; G+FLAS Life Sciences**

2021221895 3rd Wheel Productions Pty Ltd The application has been assigned to **Roller IP Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

**Extensions of Time, Section 223**

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.

**2007**

2007205726 **MacDon Industries Ltd.** An application to extend the time from 09 Aug 2020 to 09 Sep 2021 in which to pay a renewal fee has been filed . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

**2018**

2018454263 **PHARMACEUTICAL ORIENTED SERVICES LTD; REMEDICA LTD** An application to extend the time from 20 Jul 2021 to 20 Nov 2021 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2020**

2020203205 **Syngenta Participations AG** An application to extend the time from 13 Mar 2021 to 13 May 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2021**

2021269387 **Waters, T.** An application to extend the time from 03 Apr 2021 to 03 Dec 2021 in which to make a further application for a divisional patent has been filed . Address for service - Lance Arthur Roman-Miller PO Box R813 Royal Exchange NSW 1225 AU

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

**2015**

2015205809 **Barberio, A.** The time in which to pay a renewal fee has been extended to 09 Aug 2021 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2015215842 **TallyWalker Pty Ltd** The time in which to pay a renewal fee has been extended to 18 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2015345982 **Betts, C.** The time in which to pay a renewal fee has been extended to 12 Sep 2021 . Address for service - PEGACAT PTY LTD 10 Ramage Rd Mount Dandenong VIC 3767 AU

2015350153 **Apiqe Holdings, LLC** The time in which to pay a renewal fee has been extended to 17 Jul 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2016**

2016282200 **Kraftig Industries Pty Ltd** The time in which to gain acceptance has been extended to 21 Dec 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

**Extensions of Time, Section 223**

**2017**

2017207508 **LTI Flexible Products, Inc.** The time in which to pay a renewal fee has been extended to 16 Sep 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2018**

2018392782 **ALNYLAM PHARMACEUTICALS, INC.** The time in which to enter the National Phase has been extended to 21 Jul 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2019**

2019345157 **WASHINGTON UNIVERSITY; VIR BIOTECHNOLOGY, INC.** The time in which to enter the National Phase has been extended to 20 Sep 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2021**

2021261855 **Dropbox, Inc.** The time in which to make a further application for a divisional patent has been extended to 29 Nov 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 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.

**2002**

2002349001 Pharmaceutical containing 3-(3-dimethyl-amino-1-ethyl-2-methyl-propyl)phenol and providing delayed release of the active ingredient **Gruenthal GmbH** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

**2013**

2013282771 Improvements in fluid bearings **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2021 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

**2015**

2015238195 Mitochondrial markers of neurodegenerative diseases **Fundacio Institut D'Investigacio Biomedica De Bellvitge (Idibell) ; Universitat de Barcelona** The nature of the amendment is as shown in the statement(s) filed 10 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015328411 Angiopoietin-2 biomarkers predictive of anti-immune checkpoint response **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Nov

**Amendments**

2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2016**

2016225796 Time Synchronization of Gaming Machines **IGT** The nature of the amendment is as shown in the statement(s) filed 08 Nov 2021 . Address for service - Clark Intellectual Property Pty Ltd 14 Eaton Street Willoughby NSW 2068 AU

2016256204 Reduced pressure apparatuses **Smith & Nephew plc** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2016283018 Solid pharmaceutical compositions for treating HCV **AbbVie Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2021 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016330030 Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity **Astex Therapeutics Limited ; Cancer Research Technology Limited** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016370487 Gene therapy for ocular disorders **The Trustees of the University of Pennsylvania** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

**2017**

2017228378 Multi-purpose floor finish composition **S.C. Johnson & Son, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017258781 Di-substituted pyrazole compounds for the treatment of diseases **FGH Biotech, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2021 . Address for service - Philips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017266758 Polypeptides modulating SIGLEC dependent immune responses **Octapharma AG** The nature of the amendment is as shown in the statement(s) filed 10 Nov 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017321575 User terminal and radio communication method **NTT DOCOMO, INC.** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017348743 Human antibody-producing non-human animal and method for preparing human antibodies using same **National University Corporation Tottori University ; Trans Chromosomics, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2021 . Address for service - FB Rice Pty Ltd Level 14 90 Collins Street Melbourne VIC 3000 AU

**2018**

2018205019 Inhibitors of transglutaminases **Zedira GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Nov

**Amendments**

2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2018278771 Method of microelectrode identification **Neuronano AB** The nature of the amendment is: Amend the name of the inventor to read Schouenborg, Jens; Thelin, Johan and Mohsin, Mohammed . Address for service - Houlihan<sup>2</sup> Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2018310374 Fluid discharge system and the squeezer thereof **Shanghai Hongyan Returnable Transit Packagings Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Nov 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2018356262 Safety system for a building-related passenger transportation system **Inventio AG** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018449531 Systems and methods for the capture of heat energy, long-distance conveyance, storage, and distribution of the captured-heat energy and power generated therefrom **Lochterra Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019214536 Eyewear and lenses with multiple molded lens components **Luxottica S.r.l.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019257544 QUANTON REPRESENTATION FOR EMULATING QUANTUM-LIKE COMPUTATION ON CLASSICAL PROCESSORS **Kyndi, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2021 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd Level 2, Woden Plaza Offices WODEN ACT 2606 AU

**2020**

2020200567 Aggregate Spreading Device with Spreader System **Road Widener LLC** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2021 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2020202801 Double-drum linkage winding type hoisting system with permanent magnet outer rotor drive **Taiyuan University of Technology ; Guiyang Plateau Machinery Company Limited** The nature of the amendment is: Delete patentee Guiyang Plateau Machinery Company Limited and add patentee Pingdingshan Tianan Coal Mining Co., Ltd . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2020204212 DUAL LANE COATING **Aquestive Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020205314 Multiplex detection of vulvovaginal candidiasis, trichomoniasis and bacterial vaginosis **Becton, Dickinson and Company** The nature of the amendment is as shown in the statement(s)

**Amendments**

filed 10 Nov 2021 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

**2021**

2021204463 Systems and methods for the capture of heat energy, long-distance conveyance, storage, and distribution of the captured-heat energy and power generated therefrom **Lochterra Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Oct 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Amendments Made****2006**

2006297853 **AbbVie Bahamas Ltd.** The nature of the amendment is: Amend the name of the inventor to read Park, Cheol Min; Ding, Hong; McClellan, William J.; Wang, Xilu; Kunzer, Aaron R.; Bruncko, Milan; Elmore, Steven W.; Song, Xiaohong and Lynch, Christopher L.

**2010**

2010233055 **AbbVie Bahamas Ltd.** The nature of the amendment is: Amend the name of the inventor to read Kunzer, Aaron R.; Park, Cheol Min; Lynch, Christopher L.; Ding, Hong; Bruncko, Milan; Elmore, Steven W.; McClellan, William J.; Song, Xiaohong and Wang, Xilu

**2013**

2013328267 **OXENERGY LTD.** The nature of the amendment is: To amend the patentee to read OXENERGY LTD.

**2016**

2016245315 **Institut des Sciences et Industries du Vivant et de L'environnement - Agroparis Tech; University of New England; Circa Group Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Allais, Florent; Flourat, Amandine; Peru, Aurélien; Greatrex, Ben; Raverty, Warwick Douglas and Duncan, Anthony

2016333856 **Abbvie S.á.r.l.; Galapagos NV** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2021

2016356726 **AusVir Therapeutics Pty Ltd** The nature of the amendment is as shown in the statement filed 17 Aug 2021

2016367260 **Adama Makhteshim Ltd.; Rhodia Operations** The nature of the amendment is: Amend the invention title to read Polyelectrolyte-layer forming block copolymers and compositions and uses thereof

**2017**

2017228450 **Visa International Service Association** The nature of the amendment is as shown in the statement filed 25 Aug 2021

2017261533 **Intrade Australia Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101924

2017275919 **Sumitomo Electric Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Bipolar Plate, Cell Frame, Cell Stack, and Redox Flow Battery

**Amendments**

2017279832 **Mitton, J.** The nature of the amendment is: Application is to proceed under the number 2017101921

2017304761 **Almac Discovery Limited** The nature of the amendment is as shown in the statement filed 30 Aug 2021

2017328249 **Dror Ortho Design Ltd** The nature of the amendment is as shown in the statement filed 25 Aug 2021

2017335242 **Daiichi Sankyo Company, Limited** The nature of the amendment is as shown in the statement(s) filed 17 Aug 2021

2017338620 **Neurotek Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101922

2017377665 **Quantum Workhealth Programmes Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101923

**2018**

2018101150 **KYNOCH MINERALS PTY LTD** The nature of the amendment is as shown in the statements filed 12 Aug 2020, 09 Apr 2021 and 09 Jun 2021

2018204498 **Snap-on Incorporated** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2021

2018204724 **Technological Resources Pty Ltd** The nature of the amendment is as shown in the statement filed 19 Mar 2021

2018310882 **Novartis AG** The nature of the amendment is as shown in the statement filed 31 Aug 2021

2018356923 **British American Tobacco (Investments) Limited** The nature of the amendment is as shown in the statement filed 23 Aug 2021

**2019**

2019101491 **Currie, M.** The nature of the amendment is as shown in the statement filed 02 Aug 2021

2019204724 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 20 Aug 2021

2019210682 **Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation** The nature of the amendment is as shown in the statement filed 25 Aug 2021

2019283994 **Dart Neuroscience (Cayman) Ltd.** The nature of the amendment is as shown in the statement filed 30 Aug 2021

2019351324 **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2021

2019398029 **Camm, A.** The nature of the amendment is: Amend the invention title to read SAFETY POCKET, IMPROVED SHIRT WITH SAFETY POCKET, AND METHOD OF USE

**Amendments**

2019443729 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

**2020**

2020201223 **The NOCO Company** The nature of the amendment is as shown in the statement filed 10 Aug 2021

2020201764 **BioCarbon Engineering Ltd.** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2021

2020244911 **Tokai University Educational System; Nippon Zoki Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 11 Oct 2021

2020258722 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Air treatment system

2020263959 **Heidelberg Pharma Research GmbH** The nature of the amendment is: Amend the name of the inventor to read MCDON-AGH, Charlotte Fenton; PANWAR, Rajiv; HECHLER, Torsten; KULKE, Michael; SARMA, Ganapathy N.; PAHL, Andreas; MUELLER, Christoph; SIMON, Werner; LUTZ, Christian and GALLO, Francesca

2020277121 **Vifor (International) AG** The nature of the amendment is as shown in the statement filed 31 Aug 2021

2020283650 **Yazaki Energy System Corporation** The nature of the amendment is: Amend the invention title to read METHOD FOR MANUFACTURING PLATE GLASS

2020285024 **NEC Platforms, Ltd.** The nature of the amendment is: Amend the invention title to read FAULT TOLERANT SYSTEM, SERVER, OPERATION METHOD OF FAULT TOLERANT SYSTEM, OPERATION METHOD OF SERVER, AND PROGRAM OF OPERATION METHOD OF SERVER

2020291391 **Soletluna Holdings, Inc.** The nature of the amendment is as shown in the statement filed 18 Aug 2021

2020299019 **Paramevia Pte. Ltd.; Mediott Co., Ltd.** The nature of the amendment is: Amend the invention title to read Diagnosis Support Program

2020311642 **Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Beer taste beverage

2020364759 **Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Beer-taste fermented malt beverage

2020431251 **LG Energy Solution, Ltd.** The nature of the amendment is: Amend the invention title to read ESS including superabsorbent sheet

**2021**

2021103884 **Shaik, A.; Mishra, S.; Panda, S.; Mohanty, M.N.** The nature of the amendment is: Amend the name of the inventor to read Mishra, Satyasis; Panda, Sreelekha; Mohanty, Mihir Narayan and Shaik, Asif Basha

**Amendments**

2021104382 **Law, D.; Waddell, B.** The nature of the amendment is: To amend the co-patentee to read Braiden Waddell

2021106682 **Jadav, M.; Mahajan, A.; Patel, P.; Pandey, P.** The nature of the amendment is: Amend the name of the inventor to read Mahajan, Ashok; Patel, Priyal; Pandey, Prachi and Jadav, Mayuri

2021214309 **Asahi Group Holdings, Ltd.** The nature of the amendment is: Amend the invention title to read Beer-taste fermented malt beverage

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

**2001**

2001268409 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2001287117 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2002**

2002027180 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2002045805 Doosan Corporation The name of the patentee has been altered to **Doosan Industrial Vehicle Co., Ltd.**

2002315011 ICON Health & Fitness, Inc. The name of the patentee has been altered to **IFIT, Inc.**

2002322777 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2003**

2003217591 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2004**

2004210965 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2004236718 Dow AgroSciences, LLC; E. I. du Pont de Nemours and Company; Pioneer Hi-Bred International, Inc. The name of the patentee has been altered to **Corteva Agriscience LLC; E. I. du Pont de Nemours and Company; Pioneer Hi-Bred International, Inc.**

2004264781 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2004309054 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2004309056 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2004318788 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**Amendments**

**2005**

2005214952 Dow AgroSciences LLC The name of the patentee has been altered to **University of Florida Research Foundation, Inc.; Corteva Agriscience LLC**

2005230862 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2005240045 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2005292090 Pioneer Hi-Bred International, Inc.; E. I. Du Pont De Nemours & Company; Dow AgroSciences, LLC The name of the patentee has been altered to **Pioneer Hi-Bred International, Inc.; E. I. Du Pont De Nemours & Company; Corteva Agriscience LLC**

2005294298 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2005295774 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2005310314 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2006**

2006201766 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2006308959 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2006318610 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2006338192 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2007**

2007204825 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007204887 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007215167 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007267952 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007269730 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007277136 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**Amendments**

2007282148 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007284748 Dow AgroSciences, LLC; Sangamo Therapeutics, Inc. The name of the patentee has been altered to **Corteva Agriscience LLC; Sangamo Therapeutics, Inc.**

2007290454 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007309475 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007317900 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007329208 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007334468 Dow AgroSciences, LLC; Sangamo Therapeutics, Inc. The name of the patentee has been altered to **Corteva Agriscience LLC; Sangamo Therapeutics, Inc.**

2007346135 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2007346136 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2008**

2008219748 Ross Jr., Ronald; Podhorez, David; McConnell, James; Dow AgroSciences, LLC The name of the patentee has been altered to **Ross Jr., R.; Podhorez, D.; McConnell, J.; Corteva Agriscience LLC**

2008233257 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008240142 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008251445 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008270648 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008270684 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008289325 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008293462 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008293698 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**Amendments**

2008296737 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008305568 Dow AgroSciences LLC The name of the patentee has been altered to **Sangamo Therapeutics, Inc.; Corteva Agriscience LLC**

2008308486 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008308815 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008345666 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2008350261 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2009**

2009200685 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009204153 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009214930 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009222174 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009228910 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009265035 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009283076 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009292044 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009292169 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009303477 ICON Health & Fitness, Inc. The name of the patentee has been altered to **IFIT, Inc.**

2009308821 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009311437 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009311636 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**Amendments**

2009316667 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009316671 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009330658 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009330661 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2009333863 Dow AgroSciences LLC The name of the patentee has been altered to **Sangamo Therapeutics, Inc.; Corteva Agriscience LLC**

**2010**

2010234539 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010236522 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010239445 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010241258 Dow AgroSciences LLC The name of the patentee has been altered to **University of Florida Research Foundation, Inc.; Corteva Agriscience LLC**

2010242047 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010246102 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010256590 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010279437 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010305693 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010307119 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2010308569 Dow AgroSciences LLC The name of the patentee has been altered to **Sangamo Therapeutics, Inc.; Corteva Agriscience LLC**

2010321776 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2011**

2011203286 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**Amendments**

2011207387 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011214491 ThyssenKrupp Nirosta GmbH ; ThyssenKrupp Steel Europe AG The name of the patentee has been altered to **Outokumpu Nirosta GmbH; ThyssenKrupp Steel Europe AG**

2011218108 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011218123 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011238826 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011253539 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011261411 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011265499 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011270652 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011274807 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011274811 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011302508 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2011323617 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2012**

2012201287 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2012230804 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2012261523 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2012275201 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2012337310 ICON Health & Fitness, Inc. The name of the patentee has been altered to **IFIT, Inc.**

2012354438 Green Cross LabCell Corp.; Mogam Biotechnology Institute The name of the patentee has been altered to **Mogam Biotechnology Institute; GC Cell Corporation**

**Amendments**

**2013**

2013200548 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013201244 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013201552 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013201628 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013203187 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013203406 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013216688 Dow AgroSciences, LLC; Sangamo Therapeutics, Inc. The name of the patentee has been altered to **Corteva Agriscience LLC; Sangamo Therapeutics, Inc.**

2013221420 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2013249210 ICON Health & Fitness, Inc. The name of the patentee has been altered to **IFIT, Inc.**

**2014**

2014200432 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2014256417 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2014280923 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2015**

2015200368 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015201328 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015201335 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015202496 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015202859 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015203090 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**Amendments**

2015203725 Dow AgroSciences, LLC The name of the patentee has been altered to **Sangamo Therapeutics, Inc.; Corteva Agriscience LLC**

2015222996 Dow AgroSciences LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015227488 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2015264885 Dow AgroSciences, LLC; Sangamo Therapeutics, Inc. The name of the patentee has been altered to **Corteva Agriscience LLC; Sangamo Therapeutics, Inc.**

2015354941 Green Cross LabCell Corp.; Mogam Institute for Biomedical Research The name of the patentee has been altered to **Mogam Institute for Biomedical Research; GC Cell Corporation**

**2016**

2016203677 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2016253632 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

**2017**

2017200511 Dow AgroSciences, LLC The name of the patentee has been altered to **Sangamo Therapeutics, Inc.; Corteva Agriscience LLC**

2017208912 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017215955 Green Cross LabCell Corp. The name of the patentee has been altered to **GC Cell Corporation**

2017216446 Dow AgroSciences, LLC; Sangamo Therapeutics, Inc. The name of the patentee has been altered to **Corteva Agriscience LLC; Sangamo Therapeutics, Inc.**

2017259115 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017260655 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017261483 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017277839 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017278355 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017363225 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**



**Amendments**

2017363226 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017365171 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017365173 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017365177 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017365179 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017378044 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2017383551 Trans Bio-Diesel Ltd. The name of the applicant has been altered to **Enzymocore Ltd.**

2017384900 Green Cross LabCell Corp. The name of the patentee has been altered to **GC Cell Corporation**

**2018**

2018205162 Dow AgroSciences, LLC The name of the patentee has been altered to **Corteva Agriscience LLC**

2018211985 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

2018234835 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018261338 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018261340 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018261341 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018261342 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018261343 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018264871 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018273854 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018273904 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

**Amendments**

2018352232 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018354349 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2018378967 ICON Health & Fitness, Inc. The name of the applicant has been altered to **IFIT, Inc.**

2018393073 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

2018393074 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

2018393076 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

**2019**

2019202749 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019205244 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019223906 Les Laboratoires Servier SAS The name of the applicant has been altered to **Les Laboratoires Servier**

2019224179 Dow AgroSciences, LLC; Queensland University of Technology The name of the applicant has been altered to **Corteva Agriscience LLC; Queensland University of Technology**

2019231764 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019249807 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019253885 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019261922 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019265729 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019272035 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019275636 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019280227 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019297522 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

**Amendments**

2019301633 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

2019321414 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019384543 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2019417581 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

**2020**

2020201243 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2020201263 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2020201970 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2020204194 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2020204196 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2020212059 ICON Health & Fitness, Inc. The name of the applicant has been altered to **IFIT, Inc.**

2020221016 ICON Health & Fitness, Inc. The name of the applicant has been altered to **IFIT, Inc.**

2020221797 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

2020221872 ICON Health & Fitness, Inc. The name of the applicant has been altered to **IFIT, Inc.**

2020235896 Surrozen, Inc. The name of the applicant has been altered to **Surrozen Operating, Inc.**

2020239757 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2020271123 ElevateBio Technologies, Inc The name of the applicant has been altered to **ElevateBio Technologies, Inc.**

2020272040 The Regents of the University of Colorado, a Body Corporate; Kenneth N. MacLean; Johan Van Hove ; Hua Jiang ; Michael A. Swanson The name of the applicant has been altered to **The Regents of the University of Colorado, a Body Corporate**

2020281085 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

**Amendments**

**2021**

2021103651 G. KAVITHA The name of the applicant has been altered to **Hindustan Institute of Technology & Science (Deemed to be University)**

2021103884 Mishra, Satyasis; Panda, Sreelekha; Mohanty, Mihir Narayan The name of the applicant has been altered to **Shaik, A.; Mishra, S.; Panda, S.; Mohanty, M.N.**

2021106682 Mahajan, Ashok; Patel, Priyal; Pandey, Prachi The name of the applicant has been altered to **Jadav, M.; Mahajan, A.; Patel, P.; Pandey, P.**

2021200664 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2021203233 Dow AgroSciences, LLC The name of the applicant has been altered to **Corteva Agriscience LLC**

2021204037 ICON Health & Fitness, Inc. The name of the applicant has been altered to **IFIT, Inc.**

2021229244 FB Rice Pty Ltd ; TSK Laboratory Europe B.V. The name of the applicant has been altered to **TSK Laboratory Europe B.V.**

2021903590 Fedchishina, Larisa The name of the applicant has been altered to **Fedchishina, L.V.**

Applications Open to Public Inspection

Name Index

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

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2021266271  
 (21) 2021266271 (22) 11.11.2021  
 (54) Method and apparatus for determining medication dose information  
 (51) Int. Cl.  
**A61M 31/00** ( 2006.01 )  
 (43) 09.12.2021  
 (62) 2019201453  
 (72) Taub, Marc Barry; Budiman, Erwin Satrya; Karan, Jai; Dunn, Timothy Christian  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2021269314  
 (21) 2021269314 (22) 16.11.2021  
 (54) Systems, devices, and methods for episode detection and evaluation  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**G06Q 50/22** ( 2018.01 )  
**H04M 1/725** ( 2021.01 )  
 (43) 09.12.2021  
 (62) 2016289468  
 (72) Hayter, Gary A.; Dunn, Timothy C.; Crouther, Nathan; Bernstein, Daniel M.; Davis, Eric L.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) ABB Schweiz AG  
 (11) AU-A-2021202947  
 (21) 2021202947 (22) 10.05.2021  
 (54) Hygienic coupling system  
 (51) Int. Cl.  
**F16L 35/00** ( 2006.01 )  
**F16L 33/18** ( 2006.01 )  
**F16L 33/22** ( 2006.01 )  
 (31) 20 175 549.3 (32) 19.05.20 (33) EP  
 (43) 09.12.2021  
 (72) BUCK, Meirion; FRANCOS, Angel; CHAHAL, Harvinder Singh; URIOL, Luis  
 (74) Griffith Hack

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2021269299  
 (21) 2021269299 (22) 15.11.2021  
 (54) ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED CONVERSATIONAL AGENT  
 (51) Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**G06N 20/00** ( 2019.01 )  
 (43) 09.12.2021  
 (62) 2019257387  
 (72) D'SOUZA, Shaun Cyprian; BOXWALA, Hussain M; VIJAY KOTWAL, Vaibhav; REDDY, Sudharshan; PATCHARLA,

Annapurna; MISHRA, Suman; GOPALAKRISHNAN, Swaminathan; JAWAGAL, Harsha  
 (74) Murray Trento & Associates Pty Ltd

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(71) Acres Technology  
 (11) AU-A-2021266280  
 (21) 2021266280 (22) 11.11.2021  
 (54) System for Processing Gaming Activity  
 (51) Int. Cl.  
**G07F 17/30** ( 2006.01 )  
**A63F 9/24** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
 (43) 09.12.2021  
 (62) 2019250164  
 (72) Acres, John F.  
 (74) Golja Haines & Friend

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(71) Adeka Corporation  
 (11) AU-A-2021269334  
 (21) 2021269334 (22) 16.11.2021  
 (54) Resin additive composition, thermoplastic resin composition, and molded article thereof  
 (51) Int. Cl.  
**C08K 5/527** ( 2006.01 )  
**C08K 5/098** ( 2006.01 )  
**C08L 23/00** ( 2006.01 )  
**C08L 31/00** ( 2006.01 )  
**C08L 101/00** ( 2006.01 )  
 (43) 09.12.2021  
 (62) 2017226682  
 (72) MIZUSHIMA, Hiroaki; OKAMOTO, Yuri; HORIKOSHI, Takahiro  
 (74) Spruson & Ferguson

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Agra, O. see Shoolman, Y.  
 (21) 2021266299

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(71) Alarm.com Incorporated  
 (11) AU-A-2021266310  
 (21) 2021266310 (22) 11.11.2021  
 (54) DRONE-AUGMENTED EMERGENCY RESPONSE SERVICES  
 (51) Int. Cl.  
**G01S 19/48** ( 2010.01 )  
**G08B 21/10** ( 2006.01 )  
**G08B 25/10** ( 2006.01 )  
**G08G 5/00** ( 2006.01 )  
 (43) 09.12.2021  
 (62) 2020203351  
 (72) Trundle, Stephen Scott; Slavin, Alison Jane  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Alarm.com Incorporated  
 (11) AU-A-2021269286  
 (21) 2021269286 (22) 15.11.2021

(54) ROBOTIC ASSISTANCE IN SECURITY MONITORING  
 (51) Int. Cl.  
**B64C 27/08** ( 2006.01 )  
**B64C 39/00** ( 2006.01 )  
**G08B 13/00** ( 2006.01 )  
**G08B 25/00** ( 2006.01 )  
**G08B 25/14** ( 2006.01 )  
**G08B 27/00** ( 2006.01 )  
 (43) 09.12.2021  
 (62) 2020213380  
 (72) Kerzner, Daniel  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Alcoa USA Corp.  
 (11) AU-A-2021261929  
 (21) 2021261929 (22) 04.11.2021  
 (54) SYSTEMS AND METHODS FOR MAKING CERAMIC POWDERS AND CERAMIC PRODUCTS  
 (51) Int. Cl.  
**C04B 35/58** ( 2006.01 )  
**C04B 35/52** ( 2006.01 )  
**C04B 35/634** ( 2006.01 )  
**C04B 35/83** ( 2006.01 )  
 (43) 09.12.2021  
 (62) 2017281911  
 (72) McMillen, James C.; Sworts, Lance M.; Mosser, Benjamin D.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Alcon Inc.  
 (11) AU-A-2021269283  
 (21) 2021269283 (22) 15.11.2021  
 (54) ACCOMMODATING INTRAOCULAR LENSES AND METHODS OF MANUFACTURING  
 (51) Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**G02B 1/06** ( 2006.01 )  
**G02B 3/04** ( 2006.01 )  
**G02B 3/06** ( 2006.01 )  
**G02B 3/12** ( 2006.01 )  
**G02C 7/04** ( 2006.01 )  
 (43) 09.12.2021  
 (62) 2016349532  
 (72) Hildebrand, Daniel; Smiley, Terah Whiting; Lewis, Nathan; Angelopoulos, Robert  
 (74) Phillips Ormonde Fitzpatrick

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(71) AMVAC Hong Kong Limited  
 (11) AU-A-2021266364  
 (21) 2021266364 (22) 14.11.2021  
 (54) IMPROVED AGRICULTURAL PRODUCT DISPENSING SYSTEM  
 (51) Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
**G06Q 10/08** ( 2012.01 )

Applications Open to Public Inspection - Name Index cont'd

**G06Q 50/02** ( 2012.01 )  
**G06Q 50/10** ( 2012.01 )  
**(43)** 09.12.2021  
**(62)** 2021202605  
**(72)** Wintemute, Eric G.; Rice, Richard L.; James, Kent; Richardson, John J.  
**(74)** RnB IP Pty Ltd

**(71)** Ancestry.com DNA, LLC  
**(11)** AU-A-2021269307  
**(21)** 2021269307 **(22)** 16.11.2021  
**(54)** Genetic and genealogical analysis for identification of birth location and surname information  
**(51)** Int. Cl.  
**G16B 10/00** ( 2019.01 )  
**G16B 40/00** ( 2019.01 )  
**(43)** 09.12.2021  
**(62)** 2016290989  
**(72)** Kermany, Amir R.; Granka, Julie M.; Noto, Keith D.  
**(74)** AJ PARK

**(71)** Angel Group Co., Ltd.  
**(11)** AU-A-2021269287  
**(21)** 2021269287 **(22)** 15.11.2021  
**(54)** CARD GAME MONITORING SYSTEM  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**(43)** 09.12.2021  
**(62)** 2020201800  
**(72)** Shigeta, Yasushi  
**(74)** Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd  
**(11)** AU-A-2021203211  
**(21)** 2021203211 **(22)** 19.05.2021  
**(54)** Heap Leaching  
**(51)** Int. Cl.  
**C22B 1/00** ( 2006.01 )  
**C22B 3/04** ( 2006.01 )  
**(31)** 63/028,616 **(32)** 22.05.20 **(33)** US  
**(43)** 09.12.2021  
**(72)** FILMER, Anthony Owen; ALEXANDER, Daniel John; BILEY, Christopher Alan  
**(74)** FB Rice Pty Ltd

**Anglo Corporate Services South Africa (Pty) Ltd see Anglo American Technical & Sustainability Services Ltd**  
**(21)** 2021203211

**(71)** Apple Inc.  
**(11)** AU-A-2021266294  
**(21)** 2021266294 **(22)** 11.11.2021  
**(54)** Displaying user interfaces associated with physical activities  
**(51)** Int. Cl.  
**A63B 24/00** ( 2006.01 )

**(43)** 09.12.2021  
**(62)** 2020256383  
**(72)** WILLIAMS, Aled Hywel; BUTCHER, Gary Ian; SUNDBSTROM, Matthew J.; WIEBE, Molly Pray  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2021269318  
**(21)** 2021269318 **(22)** 16.11.2021  
**(54)** Devices, methods, and graphical user interfaces for messaging  
**(51)** Int. Cl.  
**H04L 12/58** ( 2006.01 )  
**G06F 3/0488** ( 2013.01 )  
**H04M 1/725** ( 2021.01 )

**(43)** 09.12.2021  
**(62)** 2020202396  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Applied Medical Resources Corporation  
**(11)** AU-A-2021266318  
**(21)** 2021266318 **(22)** 11.11.2021  
**(54)** Simulated tissue models and methods  
**(51)** Int. Cl.  
**G09B 23/28** ( 2006.01 )  
**(43)** 09.12.2021  
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**(72)** HOFSTETTER, Gregory K.; BRESLIN, Tracy; POULSEN, Nikolai; SALEH, Kodr  
**(74)** Griffith Hack

**(71)** Ares Trading S.A.  
**(11)** AU-A-2021266315  
**(21)** 2021266315 **(22)** 11.11.2021  
**(54)** Immunoassays for high positively charged proteins  
**(51)** Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(43)** 09.12.2021  
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**(72)** BERTOTTI, Elisa; CASTAGNA, Valeria  
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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2021266340  
**(21)** 2021266340 **(22)** 12.11.2021  
**(54)** A SYSTEM AND METHOD FOR PROVIDING A FEATURE GAME  
**(51)** Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**(43)** 09.12.2021  
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**(72)** Milliner, John; Brunelle, Rachel  
**(74)** James & Wells Intellectual Property

**(71)** Arrowhead Pharmaceuticals, Inc.  
**(11)** AU-A-2021266265  
**(21)** 2021266265 **(22)** 10.11.2021  
**(54)** 5'-cyclo-phosphonate modified nucleotides  
**(51)** Int. Cl.  
**C07H 21/02** ( 2006.01 )  
**C07H 19/20** ( 2006.01 )  
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**(62)** 2017279512  
**(72)** LI, Zhen; PEI, Tao; LAWLER, Michael  
**(74)** Davies Collison Cave Pty Ltd

**(71)** AvaSure, LLC  
**(11)** AU-A-2021266267  
**(21)** 2021266267 **(22)** 10.11.2021  
**(54)** Video load balancing system for a peer-to-peer server network  
**(51)** Int. Cl.  
**H04N 21/24** ( 2011.01 )  
**H04N 21/63** ( 2011.01 )  
**(43)** 09.12.2021  
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**(72)** KYSER, Ryan; MEINKE, Brian; EN-SINK, Brian John  
**(74)** WRAYS PTY LTD

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**(11)** AU-A-2021266278  
**(21)** 2021266278 **(22)** 11.11.2021  
**(54)** Modification of plant lipids containing PUFAs  
**(51)** Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**(43)** 09.12.2021  
**(62)** 2015344992  
**(72)** Senger, Toralf; Andre, Carl  
**(74)** Griffith Hack

**(71)** Bayer CropScience Aktiengesellschaft  
**(11)** AU-A-2021266333  
**(21)** 2021266333 **(22)** 12.11.2021  
**(54)** Agrochemical formulation based on emulsion polymers  
**(51)** Int. Cl.  
**A01N 25/04** ( 2006.01 )  
**A01N 25/06** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 43/30** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
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**(72)** Faers, Malcolm; Dungworth, Howard Roger; Wickson, James Richard; Knight, Kathryn Marie; Flavell, James Alexander  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Becton, Dickinson and Company  
**(11)** AU-A-2021269333  
**(21)** 2021269333 **(22)** 16.11.2021  
**(54)** Method and apparatus for wetting internal fluid path surfaces of a fluid port to increase ultrasonic signal transmission

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**A61M 5/145** ( 2006.01 )  
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**A61M 5/172** ( 2006.01 )  
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DEKALB, Shawn Wayne; ZHU, Hong  
(74) FB Rice Pty Ltd
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(11) AU-A-2021269350  
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(54) Ergonomic IV systems and methods  
(51) Int. Cl.  
**A61M 5/158** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 25/06** ( 2006.01 )  
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(54) Pipe trailer  
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**B60P 3/14** ( 2006.01 )  
**B60P 1/48** ( 2006.01 )  
**B60P 3/40** ( 2006.01 )  
**B66F 9/12** ( 2006.01 )  
**E21B 19/15** ( 2006.01 )  
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(72) BELETICH, Mark Joseph  
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(11) AU-A-2021266350  
(21) 2021266350 (22) 12.11.2021  
(54) Cryoprobe for magnetic resonance imaging  
(51) Int. Cl.  
**A61B 18/02** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**H01F 27/34** ( 2006.01 )  
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CHERNIHOVSKY, Oleg; TRUMER, Dror  
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(21) 2021269298 (22) 15.11.2021  
(54) Method of treating multiple sclerosis  
(51) Int. Cl.  
**A61K 31/225** ( 2006.01 )  
**A61P 25/02** ( 2006.01 )  
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(74) FB Rice Pty Ltd
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(21) 2021269272 (22) 15.11.2021  
(54) Neoantigens and methods of their use  
(51) Int. Cl.  
**C07K 4/12** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
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(54) Singulating meter  
(51) Int. Cl.  
**A01C 7/10** ( 2006.01 )  
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Hantke, Glenn  
(74) FB Rice Pty Ltd
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(54) ARTICULATED GAMING CONTROL-  
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(51) Int. Cl.  
**A63F 13/24** ( 2014.01 )  
**G06F 3/0338** ( 2013.01 )  
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(72) Croft, Phillip  
(74) KINGS PATENT & TRADE MARKS AT-  
TORNEYS PTY LTD
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Branch  
(11) AU-A-2021266314  
(21) 2021266314 (22) 11.11.2021  
(54) Metal complexed therapeutic agents  
and lipid-based nanoparticulate formu-  
lations thereof  
(51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
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(74) Patentec Patent Attorneys
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**A01J 5/04** ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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(54) Anaesthesia and Consciousness Depth  
Monitoring System  
(51) Int. Cl.  
**A61B 5/05** ( 2021.01 )  
**A61B 5/0205** ( 2006.01 )  
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(74) Kerry Hubick
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coding and decoding a block of video  
samples  
(51) Int. Cl.  
**H04N 19/119** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
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(72) Rosewarne, Christopher James  
(74) Spruson & Ferguson
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(11) AU-A-2021203269  
(21) 2021203269 (22) 21.05.2021  
(54) USER MOUNTED ARTICLE CARRY-  
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(51) Int. Cl.  
**A45F 3/10** ( 2006.01 )  
**B65G 7/12** ( 2006.01 )  
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(74) Pipers Intellectual Property
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(11) AU-A-2021261914  
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(54) CONTINUOUS FLOW PAYMENTS  
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(72) Neustifter, Manfred  
(74) Pizeys Patent and Trade Mark Attor-  
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 (11) AU-A-2021269336  
 (21) 2021269336 (22) 16.11.2021  
 (54) DATA PROCESSING METHOD IMPLEMENTED BASED ON NFC TAG, SYSTEM AND TAG RECEIVING TERMINAL THEREOF  
 (51) Int. Cl.  
**G06Q 20/32** ( 2012.01 )  
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 (74) Churchill Attorneys
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- (71) Coe, W.B.  
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 (21) 2021266342 (22) 12.11.2021  
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 (51) Int. Cl.  
**C08L 95/00** ( 2006.01 )  
**C08J 5/00** ( 2006.01 )  
**C08J 5/18** ( 2006.01 )  
**C08K 3/013** ( 2018.01 )  
**C08K 3/04** ( 2006.01 )  
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 (72) Coe, William B.  
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021269346  
 (21) 2021269346 (22) 17.11.2021  
 (54) Oral care compositions and methods for increasing stability of the same  
 (51) Int. Cl.  
**A61K 8/34** ( 2006.01 )  
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**A61Q 11/02** ( 2006.01 )  
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- (71) comnovo GmbH  
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 (54) PROCEDURE FOR SECURING A LOGISTICS AREA  
 (51) Int. Cl.  
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- (71) Cosmo Koki Co., Ltd.  
 (11) AU-A-2021202638  
 (21) 2021202638 (22) 28.04.2021
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- (54) Installment method of fluid control body, and fluid control device including fluid control body  
 (51) Int. Cl.  
**F16L 55/105** ( 2006.01 )  
**F16K 27/00** ( 2006.01 )  
**F16K 43/00** ( 2006.01 )  
**F16L 23/02** ( 2006.01 )  
**F16L 41/04** ( 2006.01 )  
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 (72) YAMANOUCI, Shinji  
 (74) Allens Patent & Trade Mark Attorneys
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- (71) Covidien LP  
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 (21) 2021203039 (22) 13.05.2021  
 (54) Powered surgical instruments and methods of identifying tissue types therewith  
 (51) Int. Cl.  
**A61B 17/122** ( 2006.01 )  
**A61B 17/068** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
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 (21) 2021203101 (22) 14.05.2021  
 (54) Tissue relaxation monitoring for optimized tissue stapling  
 (51) Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**A61B 17/32** ( 2006.01 )  
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 (21) 2021266338
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- (71) Deep Isolation, Inc.  
 (11) AU-A-2021257968  
 (21) 2021257968 (22) 27.10.2021  
 (54) TESTING SUBTERRANEAN WATER FOR A HAZARDOUS WASTE MATERIAL REPOSITORY  
 (51) Int. Cl.  
**G01T 1/167** ( 2006.01 )  
**B09B 1/00** ( 2006.01 )  
**E21B 41/00** ( 2006.01 )  
**G01N 1/08** ( 2006.01 )  
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 (74) RnB IP Pty Ltd
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- (71) Deere & Company  
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 (21) 2021203001 (22) 12.05.2021  
 (54) Commodity cart with improved loading positioning  
 (51) Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**G01S 19/14** ( 2010.01 )  
**G05B 19/19** ( 2006.01 )  
**G05B 19/46** ( 2006.01 )  
 (31) 16/878,021 (32) 19.05.20 (33) US  
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 (51) Int. Cl.  
**G10L 19/008** ( 2013.01 )  
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 (21) 2021269337 (22) 16.11.2021  
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 (51) Int. Cl.  
**B29C 49/06** ( 2006.01 )  
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 (74) Houlihan<sup>2</sup> Pty Ltd
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- (71) E<sup>^</sup>NAT Technologies LLC  
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 (21) 2021269297 (22) 15.11.2021  
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 (51) Int. Cl.  
**G06F 15/16** ( 2006.01 )  
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**C01B 32/215** ( 2017.01 )  
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 (72) FREY, Christoph  
 (74) WRAYS PTY LTD

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 (11) AU-A-2021250922  
 (21) 2021250922 (22) 14.10.2021  
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 (51) Int. Cl.  
**A63B 21/00** ( 2006.01 )  
**A63B 21/008** ( 2006.01 )  
**A63B 21/04** ( 2006.01 )  
**A63B 21/055** ( 2006.01 )  
**A63B 21/08** ( 2006.01 )  
**A63B 21/16** ( 2006.01 )  
**A63B 23/02** ( 2006.01 )  
**A63B 23/025** ( 2006.01 )  
**A63B 23/035** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2021203213

(71) EVOLVED BY NATURE, INC.  
 (11) AU-A-2021266277  
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 (54) SILK PERFORMANCE APPAREL AND PRODUCTS AND METHODS OF PREPARING THE SAME  
 (51) Int. Cl.  
**A61K 8/64** ( 2006.01 )  
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**A61K 47/65** ( 2017.01 )  
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(71) Fabrictech 2000, LLC, dba Purecare  
 (11) AU-A-2021266343

(21) 2021266343 (22) 12.11.2021  
 (54) Pillow cover and pillow  
 (51) Int. Cl.  
**A47G 9/02** ( 2006.01 )  
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 (11) AU-A-2021261954  
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 (54) ZONE HEATING FOR RESPIRATORY CIRCUIT  
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**A61M 16/16** ( 2006.01 )  
**F24F 6/00** ( 2006.01 )  
**H01H 35/00** ( 2006.01 )  
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(71) FMC CORPORATION  
 (11) AU-A-2021266353  
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 (54) INSECT REPELLENT  
 (51) Int. Cl.  
**A01N 37/44** ( 2006.01 )  
**A01N 37/06** ( 2006.01 )  
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 (74) Houlihan<sup>2</sup> Pty Ltd

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 (51) Int. Cl.  
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(71) Fresenius Medical Care Holdings, Inc.  
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(71) Galary, Inc.  
 (11) AU-A-2021266354  
 (21) 2021266354 (22) 12.11.2021  
 (54) GENERATOR AND A CATHETER WITH AN ELECTRODE AND A METHOD FOR TREATING A LUNG PASSAGEWAY  
 (51) Int. Cl.  
**A61B 18/12** ( 2006.01 )  
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 (51) Int. Cl.  
**H01B 17/14** ( 2006.01 )  
**H01B 7/40** ( 2006.01 )  
**H01B 17/00** ( 2006.01 )  
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 (54) Method for treating cancerous and pre-cancerous skin  
 (51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
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**G01N 35/00** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**G06K 7/10** ( 2006.01 )  
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**G05D 1/02** ( 2020.01 )  
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**C10G 1/10** ( 2006.01 )  
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**G06K 17/00** ( 2006.01 )  
**B65G 1/04** ( 2006.01 )  
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**A61M 27/00** ( 2006.01 )  
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**F16K 31/04** ( 2006.01 )  
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**C12N 9/54** ( 2006.01 )  
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**F16B 13/08** ( 2006.01 )  
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**G06F 21/62** ( 2013.01 )  
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**A61L 2/10** ( 2006.01 )  
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*E04C 3/17* ( 2006.01 )  
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*C12Q 1/6874* ( 2018.01 )  
*B01J 19/00* ( 2006.01 )  
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 (54) Chimeric neurotoxins  
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*B65D 21/02* ( 2006.01 )  
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 (54) Vacuum  
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 (54) Clothes treating apparatus  
 (51) Int. Cl.  
*D06F 39/04* ( 2006.01 )  
*D06F 37/12* ( 2006.01 )  
*D06F 37/24* ( 2006.01 )  
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 (54) Depth sensing systems and methods  
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*G01B 11/22* ( 2006.01 )  
*H01L 27/14* ( 2006.01 )  
*H04N 5/33* ( 2006.01 )  
*H04N 5/3745* ( 2011.01 )
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 (54) Safety device regulator  
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 METHODS FOR MONITORING MOVE-  
 MENT OF GROUND AND OTHER  
 STRUCTURES  
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*G01M 5/00* ( 2006.01 )  
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 (54) SPARSE MAP FOR AUTONOMOUS VEHICLE NAVIGATION  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) MonoSol, LLC  
 (11) AU-A-2021269270  
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 (54) Water soluble film for thermoforming deep-drawn profiles and thermoformed articles comprising same  
 (51) Int. Cl.  
*C08J 5/18* ( 2006.01 )  
*C11D 17/04* ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Monsanto Technology LLC  
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 (54) PLANT REGULATORY ELEMENTS AND USES THEREOF  
 (51) Int. Cl.  
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*C07H 21/04* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Motorola Solutions, Inc.  
 (11) AU-A-2021269288  
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(54) SYSTEM AND METHOD FOR MAN-AGING SPEECH RECOGNITION  
 (51) Int. Cl.  
*G10L 15/30* ( 2013.01 )  
*G10L 15/18* ( 2013.01 )  
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 (74) Phillips Ormonde Fitzpatrick

(71) National University of Singapore  
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 (54) Compositions and methods utilizing lysophosphatidylcholine scaffolds  
 (51) Int. Cl.  
*G01N 33/50* ( 2006.01 )  
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 (54) Methods, processes, and apparatuses for producing dyed and welded substrates  
 (51) Int. Cl.  
*D01F 8/00* ( 2006.01 )  
*D02G 3/22* ( 2006.01 )  
*D02J 11/00* ( 2006.01 )  
*D04H 1/54* ( 2012.01 )  
*D06B 3/04* ( 2006.01 )  
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 (21) 2021269282

(71) Nexwriter Limited  
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 (54) Dynamic referencing of term definitions within a document  
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*G06F 40/169* ( 2020.01 )  
*G06F 3/048* ( 2013.01 )  
*G06F 9/44* ( 2018.01 )  
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*G06Q 10/10* ( 2012.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021266325 (22) 12.11.2021  
 (54) Device for apparatus for heating smokable material  
 (51) Int. Cl.  
*A24F 47/00* ( 2020.01 )  
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 (74) Shelston IP Pty Ltd.

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 (51) Int. Cl.  
*A41F 9/00* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.  
*A61K 31/05* ( 2006.01 )  
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*A61K 31/337* ( 2006.01 )  
*A61K 31/353* ( 2006.01 )  
*A61K 31/382* ( 2006.01 )  
*A61K 31/465* ( 2006.01 )  
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(71) Ocado Innovation Limited  
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 (54) CONTROL DEVICE AND METHOD FOR A ROBOT SYSTEM FOR LOCATING OBJECTS AND CALCULATING APPROPRIATE GRASP POINTS FOR EACH OBJECT  
 (51) Int. Cl.  
*B25J 9/16* ( 2006.01 )  
*G06T 7/10* ( 2017.01 )  
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 (11) AU-A-2021269306  
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 (51) Int. Cl.  
 A61K 39/00 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
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 (74) AJ PARK
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 A61B 17/00 ( 2006.01 )  
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 (51) Int. Cl.  
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 F02C 3/34 ( 2006.01 )  
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 F02C 3/22 ( 2006.01 )  
 C07C 1/12 ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021266290 (22) 11.11.2021  
 (54) Methods and compositions for the treatment of pain and/or inflammation  
 (51) Int. Cl.  
 A61K 31/137 ( 2006.01 )  
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 A61P 19/02 ( 2006.01 )  
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*H04L 25/03* ( 2006.01 )  
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 (74) Ellis Terry

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 (11) AU-A-2021269269  
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 (54) Methods for treating chronic sinusitis with nasal polyps by administering an IL-4R antagonist

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*C07K 16/28* ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (54) Measurement of Flow of Vent Gas with Combustibles  
 (51) Int. Cl.  
*F02B 43/12* ( 2006.01 )  
*F02B 43/10* ( 2006.01 )  
*F02D 19/02* ( 2006.01 )  
*F02D 19/08* ( 2006.01 )  
*F02D 35/00* ( 2006.01 )

*F02D 41/14* ( 2006.01 )  
*F02M 21/02* ( 2006.01 )  
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(71) Revolutionary Medical Devices, Inc.  
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 (54) Ventilation mask  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
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 (21) 2021269332 (22) 16.11.2021  
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*F16L 47/12* ( 2006.01 )  
*F16L 47/24* ( 2006.01 )  
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 (54) CRYPTOSYSTEM, SYSTEMS AND METHODS FOR PRIVATE SECURE ZERO-KNOWLEDGE END-TO-END ENCRYPTED DELIVERY OF ELECTRONIC DOCUMENTS USING MERELY VERIFIED POSTAL ADDRESSES AS A ROUTING MECHANISM  
 (51) Int. Cl.  
*H04L 9/32* ( 2006.01 )  
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*H04L 29/06* ( 2006.01 )  
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 (72) Sadler, Hamish  
 (74) Secure Wallet Technology Pty Ltd

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 (11) AU-A-2021201781  
 (21) 2021201781 (22) 22.03.2021  
 (54) Gaming machine and method with persistence feature  
 (51) Int. Cl.  
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*G07F 17/32* ( 2006.01 )  
 (31) 17/184,891 (32) 25.02.21 (33) US  
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 (72) SOONG, Kenneth Shawn  
 (74) Spruson & Ferguson

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 (54) Gaming machine and method with persistence feature  
 (51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
 (31) 63/027,482 (32) 20.05.20 (33) US  
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 (54) Gaming machine and method with persistence feature  
 (51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
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 (54) Gaming machine and method with persistence feature  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )
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 (11) AU-A-2021266299  
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 (54) Methods, systems, and media for controlling append-only file rewrites  
 (51) Int. Cl.  
**G06F 11/14** ( 2006.01 )  
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**G06F 40/00** ( 2020.01 )
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 (51) Int. Cl.  
**B60P 7/13** ( 2006.01 )  
**B61D 45/00** ( 2006.01 )
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 (11) AU-A-2021266283  
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 (54) Communication device and communication system  
 (51) Int. Cl.  
**H04W 74/08** ( 2009.01 )  
**H04W 16/14** ( 2009.01 )
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 (62) 2018368062  
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 (54) UTILITY STRUCTURE MODELING AND DESIGN  
 (51) Int. Cl.  
**G06F 3/048** ( 2013.01 )
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 (11) AU-A-2021269338  
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 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes  
 (51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 57/12** ( 2006.01 )  
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 (11) AU-A-2021269343  
 (21) 2021269343 (22) 17.11.2021  
 (54) SURGICAL INSTRUMENT INCLUDING HOUSING, A CUTTING ACCESSORY THAT EXTENDS FROM THE HOUSING AND ACTUATORS THAT ESTABLISH THE POSITION OF THE CUTTING ACCESSORY RELATIVE TO THE HOUSING  
 (51) Int. Cl.  
**A61B 17/17** ( 2006.01 )
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 (72) Bozung, Timothy J.  
 (74) Davies Collison Cave Pty Ltd
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 (54) CUP HOLDER  
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**A47G 23/02** ( 2006.01 )
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 (11) AU-A-2021266317  
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 (51) Int. Cl.  
**C07D 339/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**C07D 417/14** ( 2006.01 )
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 (74) FB Rice Pty Ltd
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 (54) AUGMENTED OPTICAL IMAGING SYSTEM FOR USE IN MEDICAL PROCEDURES  
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**A61B 1/05** ( 2006.01 )  
**A61B 34/10** ( 2016.01 )  
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**A61B 34/37** ( 2016.01 )  
**G02B 23/24** ( 2006.01 )  
**G02B 30/35** ( 2020.01 )  
**H04N 5/232** ( 2006.01 )  
**H04N 13/111** ( 2018.01 )
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- (71) SYSTEM STORMSEAL PTY LTD  
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 (51) Int. Cl.  
**E04D 5/06** ( 2006.01 )  
**B29C 65/02** ( 2006.01 )  
**E04G 21/28** ( 2006.01 )
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 (51) Int. Cl.  
**H04L 5/00** ( 2006.01 )
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(54) Techniques for random access point indication and picture output in coded video stream  
(51) Int. Cl.  
H04N 19/68 ( 2014.01 )  
(31) 63/027,826 (32) 20.05.20 (33) US  
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(74) Phillips Ormonde Fitzpatrick

(71) Tencent America LLC  
(11) AU-A-2021257953  
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(51) Int. Cl.  
H04N 19/597 ( 2014.01 )  
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(72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan  
(74) Griffith Hack

(71) The Boeing Company  
(11) AU-A-2021203228  
(21) 2021203228 (22) 19.05.2021  
(54) Portable sanitizing systems and methods with range guidance  
(51) Int. Cl.  
A61L 9/20 ( 2006.01 )  
A61L 2/10 ( 2006.01 )  
A61L 2/24 ( 2006.01 )  
A61L 2/26 ( 2006.01 )  
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(72) CHILDRESS, Jamie J.  
(74) FB Rice Pty Ltd

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(21) 2021203250 (22) 20.05.2021  
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(51) Int. Cl.  
B41J 2/175 ( 2006.01 )  
B33Y 50/02 ( 2015.01 )  
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(51) Int. Cl.  
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(51) Int. Cl.  
A01H 5/10 ( 2018.01 )  
G06Q 30/00 ( 2012.01 )  
G06G 50/02 ( 2012.01 )  
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(71) The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.  
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(54) COMPOSITIONS AND METHODS FOR PERSONALIZED NEOPLASIA VACCINES  
(51) Int. Cl.  
A61K 39/00 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
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(74) Phillips Ormonde Fitzpatrick

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(54) DEVICES FOR INTEGRATING ANALYTE EXTRACTION, CONCENTRATION AND DETECTION  
(51) Int. Cl.  
G01N 33/543 ( 2006.01 )  
G01N 33/50 ( 2006.01 )

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(74) Phillips Ormonde Fitzpatrick

(71) The University of Melbourne  
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(51) Int. Cl.  
A61K 6/838 ( 2020.01 )  
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(72) Reynolds, Eric Charles  
(74) FPA Patent Attorneys Pty Ltd

The University of Tokyo see The UAB Research Foundation  
(21) 2021269320

(71) The Walter and Eliza Hall Institute of Medical Research; University of Utah Research Foundation  
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(54) Insulin Analogs  
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C07K 14/62 ( 2006.01 )  
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(51) Int. Cl.

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**A23D 9/007** ( 2006.01 )  
**A23L 31/00** ( 2016.01 )  
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**A61K 8/92** ( 2006.01 )  
**A61K 8/9783** ( 2017.01 )  
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**(71)** Transderm Inc.  
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**(54)** Delivery of botulinum with microneedle arrays  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd

**(71)** University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd  
**(11)** AU-A-2021269282  
**(21)** 2021269282 **(22)** 15.11.2021  
**(54)** Novel lactic acid bacteria and use thereof  
**(51)** Int. Cl.  
**C12N 1/20** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**A61K 35/745** ( 2015.01 )  
**A61K 35/747** ( 2015.01 )  
**C12R 1/01** ( 2006.01 )  
**C12R 1/25** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** University of Central Florida Research Foundation, Inc.  
**(11)** AU-A-2021266360  
**(21)** 2021266360 **(22)** 12.11.2021  
**(54)** Methods and compositions for natural killer cells  
**(51)** Int. Cl.  
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**C12N 15/88** ( 2006.01 )  
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**University of Utah Research Foundation see The Walter and Eliza Hall Institute of Medical Research**  
**(21)** 2021269301

**(71)** Valmet Technologies Oy  
**(11)** AU-A-2021202830

**(21)** 2021202830 **(22)** 05.05.2021  
**(54)** LEAF FILTER BAG  
**(51)** Int. Cl.  
**B01D 35/30** ( 2006.01 )  
**B01D 29/27** ( 2006.01 )  
**B01D 29/39** ( 2006.01 )  
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**(72)** Mandel, Marilene Amaral Leite; Zica, Rafael de Felipe; Fonseca, Siterzany; Bacelar, Wallace Farias; Pavan, Thiago  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Velocity Corporation Limited  
**(11)** AU-A-2020203377  
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**(54)** Velocity Corporations Sanitizer  
**(51)** Int. Cl.  
**A61L 2/23** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
**A01N 59/02** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 33/04** ( 2006.01 )  
**A61L 9/14** ( 2006.01 )  
**A61Q 17/00** ( 2006.01 )  
**(43)** 09.12.2021  
**(72)** du Toit, Bethseus Edwin Pieter  
**(74)** Velocity Corporation Limited

**(71)** ViaCyte, Inc.  
**(11)** AU-A-2021266324  
**(21)** 2021266324 **(22)** 12.11.2021  
**(54)** IN VITRO DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO PANCREATIC ENDODERM CELLS (PEC) AND ENDOCRINE CELLS  
**(51)** Int. Cl.  
**C12N 5/0735** ( 2010.01 )  
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**(71)** VisCardia, Inc.  
**(11)** AU-A-2021269285  
**(21)** 2021269285 **(22)** 15.11.2021  
**(54)** IMPLANTABLE MEDICAL DEVICES AND METHODS FOR REAL-TIME OR NEAR REAL-TIME ADJUSTMENT OF DIAPHRAGMATIC STIMULATION PARAMETERS TO AFFECT PRESSURES WITHIN THE INTRATHORACIC CAVITY  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61N 1/362** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/0205** ( 2006.01 )  
**A61B 5/0215** ( 2006.01 )  
**A61B 5/03** ( 2006.01 )  
**A61N 1/365** ( 2006.01 )  
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**(72)** Bauer, Peter T.; Chinchoy, Edward; Snell, Jay  
**(74)** BOSH IP Pty Ltd

**(71)** Waters, T.  
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**(54)** METAL OXIDE CEMENT  
**(51)** Int. Cl.  
**C04B 7/06** ( 2006.01 )  
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**(72)** Waters, Trevor  
**(74)** Lance Arthur Roman-Miller

**(71)** Waymo LLC  
**(11)** AU-A-2021266362  
**(21)** 2021266362 **(22)** 13.11.2021  
**(54)** CAMERA RING STRUCTURE FOR AUTONOMOUS VEHICLES  
**(51)** Int. Cl.  
**H04N 5/225** ( 2006.01 )  
**H04N 5/232** ( 2006.01 )  
**H04N 5/247** ( 2006.01 )  
**H05K 9/00** ( 2006.01 )  
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**(72)** TOH, Kimberly Geneva; HERMALYN, Brendan; MCGUIRE, Shane; RIVERA, Felix Jose Alvarez; DITTMER, Jeremy; WENDEL, Andreas  
**(74)** RnB IP Pty Ltd

**(71)** Weber, P.  
**(11)** AU-A-2021269308  
**(21)** 2021269308 **(22)** 16.11.2021  
**(54)** APPARATUS AND METHODS FOR MINIMALLY INVASIVE DISSECTION AND MODIFICATION OF TISSUES  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
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**(72)** Weber, Paul  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** William Marsh Rice University  
**(11)** AU-A-2021266291  
**(21)** 2021266291 **(22)** 11.11.2021  
**(54)** Allele-specific amplification using a composition of overlapping non-allele-specific primer and allele-specific blocker oligonucleotides  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C07H 21/04** ( 2006.01 )  
**C40B 30/04** ( 2006.01 )  
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**(72)** ZHANG, David Yu; WU, Ruoja; WANG, Juexiao  
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**(71)** Wing Aviation LLC  
**(11)** AU-A-2021269329  
**(21)** 2021269329 **(22)** 16.11.2021  
**(54)** Rotor units having asymmetric rotor blades  
**(51)** Int. Cl.  
**B64C 39/02** ( 2006.01 )



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**(72)** PANTALONE, Giulia; WOODWORTH, Adam  
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**(71)** WIREMAN PTY LIMITED  
**(11)** AU-A-2021202559  
**(21)** 2021202559 **(22)** 26.04.2021  
**(54)** An Electrical Connector and Method  
**(51)** Int. Cl.  
**H01R 11/16** ( 2006.01 )  
**A01K 3/00** ( 2006.01 )  
**H01R 4/12** ( 2006.01 )  
**H01R 11/11** ( 2006.01 )  
**H01R 11/24** ( 2006.01 )  
**H05C 1/04** ( 2006.01 )  
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**(74)** Fraser Old & Sohn

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**(51)** Int. Cl.  
**G06F 16/958** ( 2019.01 )  
**G06F 40/106** ( 2020.01 )  
**G06F 40/143** ( 2020.01 )  
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**(72)** Ben-Aharon, Roni; Abrahami, Nadav  
**(74)** Cotters Patent & Trade Mark Attorneys

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**(11)** AU-A-2020203379  
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**(54)** SYSTEMS AND METHODS FOR IMAGE CAPTURE AND IDENTIFICATION  
**(51)** Int. Cl.  
**G06K 9/00** ( 2006.01 )  
**G06F 16/50** ( 2019.01 )  
**G06F 16/532** ( 2019.01 )  
**G06F 16/583** ( 2019.01 )  
**G06K 9/03** ( 2006.01 )  
**G06Q 50/00** ( 2012.01 )  
**(43)** 09.12.2021  
**(72)** HOOPER, Jodie Michelle  
**(74)** MOSAIC IP

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**(71)** Würth International AG  
**(11)** AU-A-2021202668  
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**(54)** Bit holder with impact load protection unit  
**(51)** Int. Cl.  
**B25B 21/00** ( 2006.01 )  
**B25B 15/00** ( 2006.01 )  
**B25B 23/00** ( 2006.01 )  
**(31)** 10 2020 113 683.8 **(32)** 20.05.20 **(33)** DE

**(43)** 09.12.2021  
**(72)** Cera, Udo  
**(74)** IP SOLVED (ANZ) PTY. LTD.

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**(71)** Xspray Microparticles AB  
**(11)** AU-A-2021269328  
**(21)** 2021269328 **(22)** 16.11.2021  
**(54)** A pharmaceutical composition comprising stable, amorphous hybrid nanoparticles of at least one protein kinase inhibitor and at least one polymeric stabilizing and matrix-forming component  
**(51)** Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 09.12.2021  
**(62)** 2019275513  
**(72)** Brisander, Magnus; Demirbucker, Mustafa; Jesson, Gerald; Malmsten, Martin; Derand, Helene  
**(74)** Shelston IP Pty Ltd.

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**(71)** Xspray Microparticles AB  
**(11)** AU-A-2021269331  
**(21)** 2021269331 **(22)** 16.11.2021  
**(54)** A pharmaceutical composition comprising stable, amorphous hybrid nanoparticles of at least one protein kinase inhibitor and at least one polymeric stabilizing and matrix-forming component  
**(51)** Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 09.12.2021  
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**(72)** Brisander, Magnus; Demirbucker, Mustafa; Jesson, Gerald; Malmsten, Martin; Derand, Helene  
**(74)** Shelston IP Pty Ltd.

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**(71)** Zhang, D.  
**(11)** AU-A-2020203376  
**(21)** 2020203376 **(22)** 22.05.2020  
**(54)** Elongated Torus Shaped Electric Machine based Heavy Mass Energy Storage System  
**(51)** Int. Cl.  
**H02J 3/30** ( 2006.01 )  
**B66F 7/02** ( 2006.01 )  
**F03G 3/00** ( 2006.01 )  
**H02J 3/28** ( 2006.01 )  
**H02J 15/00** ( 2006.01 )  
**H02K 7/02** ( 2006.01 )  
**H02K 7/08** ( 2006.01 )  
**H02K 7/18** ( 2006.01 )

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**(72)** Zhang, Daming  
**(74)** Daming Zhang

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**(71)** Zhang, D.  
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**(21)** 2020203378 **(22)** 22.05.2020  
**(54)** Elongated Torus Shaped Electric Machine based Heavy Mass Energy Storage System  
**(51)** Int. Cl.  
**H02J 3/28** ( 2006.01 )  
**B66F 7/02** ( 2006.01 )  
**F03G 3/00** ( 2006.01 )  
**H02J 15/00** ( 2006.01 )  
**H02K 7/02** ( 2006.01 )  
**H02K 7/08** ( 2006.01 )  
**H02K 7/18** ( 2006.01 )  
**H02K 35/02** ( 2006.01 )  
**(43)** 09.12.2021  
**(61)** 2020203124  
**(72)** Zhang, Daming  
**(74)** Daming Zhang

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**ZHAO, R.Y. see Suzhou M-Conj Biotech Co., Ltd.**  
**(21)** 2021266317

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2021202990	KoBa Holding GmbH	2021266311	Monsanto Technology LLC
2021203001	Deere & Company	2021266312	Ipsen Biopharm Limited
2021203018	comnovo GmbH	2021266313	Mindspark Technologies Pty Ltd
2021203032	Raimondi S.p.A.	2021266314	British Columbia Cancer Agency Branch
2021203039	Covidien LP	2021266315	Ares Trading S.A.
2021203101	Covidien LP	2021266316	F. Hoffmann-La Roche AG
2021203150	SG Gaming, Inc.	2021266317	Suzhou M-Conj Biotech Co., Ltd.; Hangzhou DAC Biotech Co., Ltd; ZHAO, R.Y.
2021203151	SG Gaming, Inc.	2021266318	Applied Medical Resources Corporation
2021203152	SG Gaming, Inc.	2021266319	Box Dark Industries Pty. Ltd.
2021203211	Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd	2021266323	LG Electronics Inc.
2021203213	LG ELECTRONICS INC.; EPTech Co., Ltd	2021266324	ViaCyte, Inc.
2021203228	The Boeing Company	2021266325	Nicoventures Trading Limited
2021203236	HCL America, Inc.	2021266330	Hai Robotics Co., Ltd.
2021203244	SKRIN PTY LTD	2021266333	Bayer CropScience Aktiengesellschaft
2021203250	The Boeing Company	2021266334	Gallagher Group Limited
2021203257	REM Technology Inc.	2021266336	Illinois Tool Works Inc.
2021203267	Porter, I.	2021266338	The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.
2021203268	Harris, M.	2021266340	Aristocrat Technologies Australia Pty Limited
2021203269	Cartwright Holdings IP Limited	2021266341	Huawei Technologies Co., Ltd.
2021203303	Globe (Jiangsu) Co., Ltd.	2021266342	Coe, W.B.
2021225208	Burton, D.	2021266343	Fabrictech 2000, LLC, dba Purecare
2021232687	King, P.J.; Lo, C.Y.	2021266344	Regenxbio; Regents of the University of Minnesota
2021250922	Eiden Co., Ltd.	2021266345	Janssen Biotech, Inc.
2021250950	Lincoln University	2021266347	NIKE Innovate C.V.
2021257907	Tencent America LLC	2021266348	Ocado Innovation Limited
2021257953	Tencent America LLC	2021266349	LG Electronics Inc.
2021257968	Deep Isolation, Inc.	2021266350	Biocompatibles UK Limited
2021257988	Forma Therapeutics, Inc.	2021266351	Mirati Therapeutics, Inc.
2021258035	Wix.com Ltd.	2021266352	Golden Renewable Energy, LLC
2021261902	Ecograf Limited	2021266353	FMC CORPORATION
2021261914	CFPS Technology Group Pty Ltd	2021266354	Galary, Inc.
2021261929	Alcoa USA Corp.	2021266355	Gen-Probe Incorporated
2021261954	FISHER & PAYKEL HEALTHCARE LIMITED	2021266356	Haventec Pty Ltd
2021261956	Rearden, LLC	2021266357	Natural Fiber Welding, Inc.
2021261967	Plastipak Packaging, Inc.	2021266360	University of Central Florida Research Foundation, Inc.
2021261978	Synaptive Medical Inc.	2021266362	Waymo LLC
2021261980	Revolutionary Medical Devices, Inc.	2021266364	AMVAC Hong Kong Limited
2021266236	Telefonaktiebolaget LM Ericsson (publ)	2021269269	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
2021266240	Gupta, R.R.	2021269270	MonoSol, LLC
2021266251	Bourgault Industries Ltd.	2021269272	BioNTech US Inc.
2021266254	The Regents of the University of California	2021269280	Maxsun (Dalian) Co., Ltd
2021266262	GenesisCare Ventures Pty Ltd		

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2021269283 Alcon Inc.  
2021269284 HSBC Technology & Services (USA) Inc.  
2021269285 VisCardia, Inc.  
2021269286 Alarm.com Incorporated  
2021269287 Angel Group Co., Ltd.  
2021269288 Motorola Solutions, Inc.  
2021269291 Illumina, Inc; Illumina Cambridge Limited  
2021269293 The Boeing Company  
2021269294 Illumina, Inc.  
2021269297 E^NAT Technologies LLC  
2021269298 Biogen MA Inc.  
2021269299 Accenture Global Solutions Limited  
2021269301 The Walter and Eliza Hall Institute of Medical Research; University of Utah Research Foundation  
2021269302 Goldman Sachs & Co. LLC  
2021269306 Omnicyte  
2021269307 Ancestry.com DNA, LLC  
2021269308 Weber, P.  
2021269310 Dolby International AB  
2021269314 Abbott Diabetes Care Inc.  
2021269317 The University of Melbourne  
2021269318 Apple Inc.  
2021269320 The UAB Research Foundation; The University of Tokyo  
2021269322 Intarcia Therapeutics, Inc.  
2021269323 PURAC Biochem BV  
2021269324 National University of Singapore  
2021269325 PURAC Biochem BV  
2021269328 Xspray Microparticles AB  
2021269329 Wing Aviation LLC  
2021269330 Mobileye Vision Technologies Ltd.  
2021269331 Xspray Microparticles AB  
2021269332 Rifeng Enterprise (Foshan) Co., Ltd.; Rifeng Enterprise Group Co., Ltd.; Rifeng Technology Co., Ltd.  
2021269333 Becton, Dickinson and Company  
2021269334 Adeka Corporation  
2021269335 Fresenius Medical Care Holdings, Inc.  
2021269336 CHINA UNIONPAY CO., LTD.  
2021269337 Dupont Industrial BioSciences USA, LLC  
2021269338 Spogen Biotech Inc.  
2021269341 Qualyst Transporter Solutions, LLC  
2021269343 Stryker Corporation  
2021269345 Opus Medical Therapies, LLC  
2021269346 Colgate-Palmolive Company  
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<b>A01N 37 /-</b> 2021266353	<b>A61K 31 /-</b> 2020203207 2021257988 2021266290 2021266308 2021266314 2021266351 2021269298 2021269328 2021269331	<b>A61M 16 /-</b> 2021261954 2021261980	<b>A63B 24 /-</b> 2021266294	<b>B41J 2 /-</b> 2021203250	<b>C02F 1 /-</b> 2020203324
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<b><u>H04L 5 /-</u></b> 2021266236	
<b><u>H04L 9 /-</u></b> 2020203335 2021266356	
<b><u>H04M 1 /-</u></b> 2021269314	

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

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**H01H 13/04** ( 2006.01 )  
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(54) ANTI-OVERTURNING METHOD FOR LIFTING AND DROPPING AUXILIARY PLATE FOR LONG-SECTION SINGLE-ROW AND TWO-LINING OPERATION OF FROZEN DEEP SHAFT  
(51) Int. Cl.

*E21D 5/12* ( 2006.01 )

*E21D 1/08* ( 2006.01 )

*E21D 5/08* ( 2006.01 )

*E21D 1/12* ( 2006.01 )

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(74) MOHAN MURALI KODIVEL

(71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.  
(11) AU-A-2021102918  
(21) 2021102918 (22) 27.05.2021  
(54) ENVIRONMENTAL PROTECTION TREATMENT METHOD FOR SECONDARY SOLID-LIQUID SEPARATION OF MUD IN BRIDGE DEEP BORED PILE  
(51) Int. Cl.

*E03F 1/00* ( 2006.01 )

*C02F 1/00* ( 2006.01 )

*C02F 103/10* ( 2006.01 )

*C02F 103/34* ( 2006.01 )

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(74) MOHAN MURALI KODIVEL

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 (51) Int. Cl.  
*E01F 8/00* ( 2006.01 )  
*E01D 19/10* ( 2006.01 )  
*E01D 21/00* ( 2006.01 )  
*E04G 1/06* ( 2006.01 )  
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 (45) 09.12.2021  
 (72) Zhang, Xiangping; Lang, Min; Zhang, Xin; Li, Guiyun  
 (74) MOHAN MURALI KODIVEL

(71) China University of Geosciences (Beijing)  
 (11) AU-A-2021107180  
 (21) 2021107180 (22) 25.08.2021  
 (54) SYNERGETIC STABILIZATION METHOD OF HEAVY METALS IN NON-FERROUS METAL MINES BY MICROBIAL GEOCHEMISTRY AND MULTIPLE SOLID WASTES IN ATOMIC LEVEL BASED ON A COMPLEX SALT EFFECT  
 (51) Int. Cl.  
*B09C 1/10* ( 2006.01 )  
*B09B 3/00* ( 2006.01 )  
*C04B 28/14* ( 2006.01 )  
*C09K 17/10* ( 2006.01 )  
*E21C 41/32* ( 2006.01 )  
*E21F 15/00* ( 2006.01 )  
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 (74) Infinity Intellectual Property Limited

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 (21) 2021106227

(71) Chongqing Medical University  
 (11) AU-A-2021107213  
 (21) 2021107213 (22) 25.08.2021  
 (54) USE OF SPHONDIN AS AN EFFECTIVE COMPONENT IN PREPARING MEDICINE FOR TREATING HEPATITIS B  
 (51) Int. Cl.  
*A61K 31/37* ( 2006.01 )  
*A61K 31/708* ( 2006.01 )  
*A61P 31/20* ( 2006.01 )

*G01N 33/15* ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (21) 2021105374 (22) 12.08.2021  
 (54) A SORTED STRING TABLE BASED DATA RECOVERY TECHNIQUE FOR CASSANDRA  
 (51) Int. Cl.  
*G06F 11/14* ( 2006.01 )  
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 (72) Chopade, Rupali; Pachghare, Vinod; Dhavase, Nikhil; Adhao, Rahul  
 (74) PRASHANT BRAJMOHAN MAHESH-WARY

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 (11) AU-A-2021107274  
 (21) 2021107274 (22) 25.08.2021  
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 (51) Int. Cl.  
*H01L 29/786* ( 2006.01 )  
*H01L 29/06* ( 2006.01 )  
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 (45) 09.12.2021  
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 (74) Kiran Kalyan Dahibhate

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(71) Chourasia, A.; Dhiman, D.; Parauha, Y.; Bokare, P.; Dhoble, S.  
 (11) AU-A-2021106705  
 (21) 2021106705 (22) 24.08.2021  
 (54) A SYNTHESIS PROCESS OF DOWN-CONVERSION Ba<sub>3</sub>NaLa(PO<sub>4</sub>)<sub>3</sub>F PHOSPHOR FOR ENHANCEMENT IN SOLAR CELL EFFICIENCY

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*H01L 31/055* ( 2014.01 )  
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 (74) Sanjay J. Dhoble

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 (21) 2021106225 (22) 20.08.2021  
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 (51) Int. Cl.  
*G06F 30/23* ( 2020.01 )  
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 (74) Dr. Suresha C M

(71) Coastal Tree House Pty Ltd  
 (11) AU-A-2021107171  
 (21) 2021107171 (22) 25.08.2021  
 (54) Fencing and Screening System  
 (51) Int. Cl.  
*E04H 17/16* ( 2006.01 )  
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 (45) 09.12.2021  
 (72) LINDSAY, Dylan  
 (74) WRAYS PTY LTD

(71) Coleman, J.  
 (11) AU-A-2021107244  
 (21) 2021107244 (22) 25.08.2021  
 (54) Rope Hitch and Method  
 (51) Int. Cl.  
*B60P 7/08* ( 2006.01 )  
*F16G 11/04* ( 2006.01 )  
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 (45) 09.12.2021  
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 (74) COOPER IP PTY. LTD.

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 (21) 2021107065

(71) CONNECT QLD PTY LTD  
 (11) AU-A-2021107210  
 (21) 2021107210 (22) 25.08.2021  
 (54) SYSTEM, METHOD AND VIRTUAL REALITY DEVICE FOR ASSESSING COMPLIANCE OF BODY MOVEMENT  
 (51) Int. Cl.  
*G16H 20/30* ( 2018.01 )  
*A61B 5/11* ( 2006.01 )  
*G06F 3/01* ( 2006.01 )  
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**(74)** Houlihan<sup>2</sup> Pty Ltd

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**(54)** System and method for secure information validation and exchange  
**(51)** Int. Cl.  
*G06Q 10/10* ( 2012.01 )  
*G06Q 10/08* ( 2012.01 )  
*G06Q 40/02* ( 2012.01 )  
*G06Q 40/06* ( 2012.01 )  
*G06Q 40/08* ( 2012.01 )  
*G06Q 50/22* ( 2018.01 )  
**(31)** 62/491,722 **(32)** 28.04.17 **(33)** US  
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**(72)** Diedrich, Ross; Diedrich, Christopher; Baughn, Jonathan; Delogé, Reyna; Hajek, Robert  
**(74)** FPA Patent Attorneys Pty Ltd

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**(11)** AU-A-2021107240  
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**(54)** Mobile Telecommunications Platform  
**(51)** Int. Cl.  
*H04W 84/04* ( 2009.01 )  
*B64C 39/02* ( 2006.01 )  
*H04B 7/185* ( 2006.01 )  
*H04W 24/02* ( 2009.01 )  
*G05D 1/00* ( 2006.01 )  
*G05D 1/02* ( 2020.01 )  
**(31)** 2021902427 **(32)** 05.08.21 **(33)** AU  
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**(11)** AU-A-2021107292  
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**(54)** Custom Concepts Australia - Rent and Buy process  
**(51)** Int. Cl.  
*G06Q 50/16* ( 2012.01 )  
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**(72)** Dodgson, Mark  
**(74)** MOBILE BROADBAND PTY LTD

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**(71)** Cymra Life Sciences Limited  
**(11)** AU-A-2021107253  
**(21)** 2021107253 **(22)** 25.08.2021  
**(54)** A composition and uses thereof  
**(51)** Int. Cl.  
*A61K 31/352* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/05* ( 2006.01 )  
*A61K 36/185* ( 2006.01 )  
*A61K 47/44* ( 2017.01 )  
*A61P 25/04* ( 2006.01 )

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**(45)** 09.12.2021  
**(72)** HARDY, Joel Ernest George; PETTINGER, Simon Kenneth; MONTGOMERY, John  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Cymra Life Sciences Limited  
**(11)** AU-A-2021107257  
**(21)** 2021107257 **(22)** 25.08.2021  
**(54)** A composition and uses thereof  
**(51)** Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
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*A61K 31/192* ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**(71)** Cymra Life Sciences Limited  
**(11)** AU-A-2021107263  
**(21)** 2021107263 **(22)** 25.08.2021  
**(54)** A composition and uses thereof  
**(51)** Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61K 31/01* ( 2006.01 )  
*A61K 31/015* ( 2006.01 )  
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**(21)** 2021107265 **(22)** 25.08.2021  
**(54)** A composition and uses thereof  
**(51)** Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61K 31/01* ( 2006.01 )  
*A61K 31/015* ( 2006.01 )  
*A61K 31/045* ( 2006.01 )  
*A61K 31/192* ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

**(71)** Cymra Life Sciences Limited  
**(11)** AU-A-2021107270  
**(21)** 2021107270 **(22)** 25.08.2021  
**(54)** A composition and uses thereof  
**(51)** Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61K 31/01* ( 2006.01 )  
*A61K 31/015* ( 2006.01 )  
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**(72)** HARDY, Joel Ernest George; PETTINGER, Simon Kenneth; MONTGOMERY, John; TURNER, Matthew  
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**(21)** 2021107280

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**(71)** DALIAN INO-TECH CO., LTD.  
**(11)** AU-A-2021107177  
**(21)** 2021107177 **(22)** 25.08.2021  
**(54)** A RESIDUAL CURRENT CIRCUIT BREAKER WITH OVERCURRENT PROTECTION  
**(51)** Int. Cl.  
*H01H 83/06* ( 2006.01 )  
*H01H 73/20* ( 2006.01 )  
*H02H 9/02* ( 2006.01 )  
**(31)** 202121353241.6 **(32)** 17.06.21 **(33)** CN  
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**(72)** Li, Wenjie; Li, Wenjun; LI, Wenwei  
**(74)** Lord & Company

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**(21)** 2021106406

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**(51)** Int. Cl.  
*H01L 29/06* ( 2006.01 )  
*H01L 29/78* ( 2006.01 )  
*B82Y 10/00* ( 2011.01 )  
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*H04Q 9/02* ( 2006.01 )  
*G01S 15/08* ( 2006.01 )  
*H04W 84/18* ( 2009.01 )  
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(51) Int. Cl.  
*F24F 13/20* ( 2006.01 )  
*B25B 11/00* ( 2006.01 )  
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(72) Stephenson, Chris  
(74) FPA Patent Attorneys Pty Ltd

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(71) Digiart Australia Pty Ltd ATF The Incridibles Trust; Industrial Workwear Pty Ltd  
(11) AU-A-2021107188  
(21) 2021107188 (22) 25.08.2021  
(54) A METHOD FOR MANUFACTURING A MULTILAYER RETROREFLECTIVE HARD HAT TRANSFER  
(51) Int. Cl.  
*B32B 37/12* ( 2006.01 )  
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*B44C 1/24* ( 2006.01 )  
*A42B 1/004* ( 2021.01 )  
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*C09K 11/77* ( 2006.01 )  
*G01N 21/64* ( 2006.01 )  
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(72) Dixit, M. S.; Kokode, N. S.; Gedam, S. C.; Vyavhare, S. K.; Panse, Vishal R.; Choubey, S. R.; Manapure, Shri Amit V.  
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(71) Dongare, A.; Dongare, A.  
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(54) A MACHINE LEARNING-BASED SYSTEM FOR DETECTION OF DISEASES AND OTHER BREAKOUT FOR EFFECTIVE COUNTER MEASURES  
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*G16H 50/80* ( 2018.01 )  
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(72) Dongare, Atharva; Dongare, Aparna  
(74) Atharva Dongare

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(71) Dunne, B.  
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(54) Two-valve Type Inflation Option  
(51) Int. Cl.  
*B60C 29/00* ( 2006.01 )  
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(72) Dunne, Brian  
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(54) TIME AND TOPOLOGY STRUCTURE BASED TRAFFIC FLOW PREDICTION WITH ARTIFICIAL INTELLIGENCE AND NEURAL NETWORK  
(51) Int. Cl.  
*G08G 1/00* ( 2006.01 )  
*G06N 3/02* ( 2006.01 )  
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*B29C 45/26* ( 2006.01 )  
*B29C 45/73* ( 2006.01 )  
*B29C 45/53* ( 2006.01 )  
*B29L 31/00* ( 2006.01 )  
 (45) 09.12.2021  
 (72) Williams, Richard  
 (74) AJ PARK

(71) Elert Limited  
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 (21) 2021107230 (22) 25.08.2021  
 (54) A Device for Monitoring Animal Welfare  
 (51) Int. Cl.  
*A61B 5/024* ( 2006.01 )  
*A01K 29/00* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61D 99/00* ( 2006.01 )  
*A61B 5/01* ( 2006.01 )  
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*A61B 5/11* ( 2006.01 )  
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 (72) Fraser-Campin, Mark; Phillips, Joshua  
 (74) James & Wells Intellectual Property

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 eering, M.O.T.  
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(71) Freshwater Fisheries Research Institute  
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 Zhang, Ke; Chen, Fengwei; Gao, Yuyi;  
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 (74) Alder IP Pty Ltd

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 (54) Modular framing system  
 (51) Int. Cl.  
*E04G 21/18* ( 2006.01 )  
*E04B 1/19* ( 2006.01 )  
*E04B 1/58* ( 2006.01 )  
*E04C 3/07* ( 2006.01 )  
*E04C 3/09* ( 2006.01 )  
*E04C 3/32* ( 2006.01 )  
*E04B 1/24* ( 2006.01 )  
*E04C 3/04* ( 2006.01 )  
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 (45) 09.12.2021  
 (72) Frumar, Jerome  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Fujian Chuanzheng Communications  
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 (54) FLUORESCENT POWDER PREPARA-  
 TION DEVICE  
 (51) Int. Cl.  
*B07B 1/50* ( 2006.01 )  
*B07B 1/28* ( 2006.01 )  
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 (51) Int. Cl.

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*A01B 79/00* ( 2006.01 )  
*G01K 13/00* ( 2021.01 )  
*G01N 27/02* ( 2006.01 )  
*H04Q 9/00* ( 2006.01 )  
*H04W 4/38* ( 2018.01 )  
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 (74) Gajendra Gandhe

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(71) Gardan Enterprises  
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 (54) Improved Bottle Closure  
 (51) Int. Cl.  
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 (54) ISOLATION OF FLUORESCENT  
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 (51) Int. Cl.  
*C09K 11/59* ( 2006.01 )  
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 (11) AU-A-2021106335  
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 (74) RAGHU CHANDRA GARIMELLA

Gawali, R.K. see Patil, P.S.  
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(11) AU-A-2021107217  
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(54) POINT OF CARE DRUG DELIVERY APPARATUS AND METHOD  
(51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
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(51) Int. Cl.  
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(51) Int. Cl.  
**A01G 25/16** ( 2006.01 )  
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**C11D 9/38** ( 2006.01 )  
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**A61K 8/34** ( 2006.01 )  
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(71) Hainan University  
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(51) Int. Cl.  
**G06T 7/33** ( 2017.01 )  
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**A47J 37/12** ( 2006.01 )  
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**A47J 43/07** ( 2006.01 )  
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(74) Dr. Deepmala Vidyadhar Hallale

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(21) 2021106714

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(11) AU-A-2021107172  
(21) 2021107172 (22) 25.08.2021  
(54) Autonomous Security System  
(51) Int. Cl.  
**B63C 9/00** ( 2006.01 )  
**A01K 79/02** ( 2006.01 )  
**B63G 8/00** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
**G05D 1/00** ( 2006.01 )  
**G05D 1/12** ( 2006.01 )  
**A01M 29/24** ( 2011.01 )  
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(51) Int. Cl.  
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(21) 2021107204

(71) Herson, J.  
(11) AU-A-2021107189  
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(54) A Wheelie Bin Cover  
(51) Int. Cl.  
B65F 1/14 ( 2006.01 )  
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(72) Herson, Jody  
(74) Michael Buck IP

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B29C 70/50 ( 2006.01 )  
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(74) Dr. Hariram V

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F27D 1/16 ( 2006.01 )  
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(74) Dr.D.Balaji Dhanapal

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G06Q 10/06 ( 2012.01 )  
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(74) Ms. Catherine Julie Aarthy C

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A45D 2/18 ( 2006.01 )  
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(51) Int. Cl.  
G06F 40/169 ( 2020.01 )  
G06F 40/30 ( 2020.01 )  
G06K 9/00 ( 2006.01 )  
G06K 9/46 ( 2006.01 )  
G06N 20/00 ( 2019.01 )  
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(74) Makarand Sudhakar Ballal

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(51) Int. Cl.  
G01N 21/84 ( 2006.01 )  
A01C 21/00 ( 2006.01 )  
G01J 3/42 ( 2006.01 )  
G01N 21/25 ( 2006.01 )  
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Chen, Licai; Wang, Kangjun  
**(74)** Ran Tao

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**(11)** AU-A-2021107204  
**(21)** 2021107204 **(22)** 25.08.2021  
**(54)** Method for detecting soybean shattering rate and application thereof  
**(51)** Int. Cl.  
**A01H 1/04** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**A01H 6/54** ( 2018.01 )  
**(45)** 09.12.2021  
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**(74)** Ran Tao

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**(71)** Institute of Crop Sciences, Chinese Academy of Agricultural Sciences  
**(11)** AU-A-2021107211  
**(21)** 2021107211 **(22)** 25.08.2021  
**(54)** Rapid detection method of waxy phenotype in sorghum seed and application thereof  
**(51)** Int. Cl.  
**G01N 1/30** ( 2006.01 )  
**A01H 5/10** ( 2018.01 )  
**G01N 33/00** ( 2006.01 )  
**G01N 33/483** ( 2006.01 )  
**A01H 6/46** ( 2018.01 )  
**(45)** 09.12.2021  
**(72)** Li, Guiying; Han, Fenxia; Wang, Zhi; Dun, Baoqing; Zhu, Li; Meng, Fanhua; You, Guangxia  
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**(11)** AU-A-2021107222  
**(21)** 2021107222 **(22)** 25.08.2021  
**(54)** Method for quickly identifying waxy sorghum and non-waxy sorghum  
**(51)** Int. Cl.  
**G01N 21/78** ( 2006.01 )  
**A01H 5/10** ( 2018.01 )  
**G01N 33/02** ( 2006.01 )  
**G01N 33/10** ( 2006.01 )  
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**A01H 6/46** ( 2018.01 )  
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**(72)** Li, Guiying; Han, Fenxia; Wang, Zhi; Dun, Baoqing; Zhu, Li; Meng, Fanhua; You, Guangxia  
**(74)** Ran Tao

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**(11)** AU-A-2021107159  
**(21)** 2021107159 **(22)** 25.08.2021  
**(54)** A drought-resistant seed coating agent for alfalfa  
**(51)** Int. Cl.

**C09D 7/61** ( 2018.01 )  
**A01H 3/04** ( 2006.01 )  
**C09D 105/08** ( 2006.01 )  
**A01C 1/06** ( 2006.01 )  
**A01H 6/54** ( 2018.01 )  
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**(72)** Liang, Xiuzhi; Zheng, Minna; Kang, Jiahui; Chen, Yanni; Han, Zhishun; Wang, Yanli  
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**(71)** Institute of crops in high and cold regions, Shanxi Agricultural University  
**(11)** AU-A-2021107163  
**(21)** 2021107163 **(22)** 25.08.2021  
**(54)** Potato Cleaning Machine  
**(51)** Int. Cl.  
**A23N 12/02** ( 2006.01 )  
**B08B 3/04** ( 2006.01 )  
**B24C 7/00** ( 2006.01 )  
**(45)** 09.12.2021  
**(72)** Liang, Xiuzhi; Chen, Yun; Yue, Xinli; Zheng, Minna; Kang, Jiahui; Chen, Yanni  
**(74)** Ran Tao

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**(71)** Institute of Food and Nutrition Development, Ministry of Agriculture and Rural Affairs; Key Laboratory of se-enriched Products Development and Quality Control, Ministry of Agriculture and Rural Affairs/National-Local Joint Engineering Laboratory of se-enriched Food Development  
**(11)** AU-A-2021107227  
**(21)** 2021107227 **(22)** 25.08.2021  
**(54)** Selenium-enriched food capable of improving muscle function  
**(51)** Int. Cl.  
**A21D 8/04** ( 2006.01 )  
**A23L 31/10** ( 2016.01 )  
**A23L 33/14** ( 2016.01 )  
**C12N 1/16** ( 2006.01 )  
**(45)** 09.12.2021  
**(72)** Ren, Guangxu; Tang, Dejian; Meng, Li; Cheng, Guangyan  
**(74)** Ran Tao

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**(71)** Issimo IP Pty Ltd  
**(11)** AU-A-2021107176  
**(21)** 2021107176 **(22)** 25.08.2021  
**(54)** An e-commerce order fulfilment system for shipment of packages from different locations and optimisation of the delivery thereof  
**(51)** Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
**G06Q 10/04** ( 2012.01 )  
**G06Q 10/08** ( 2012.01 )  
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**(72)** Cooper, Jay; Cooper, Nick  
**(74)** Patentec Patent Attorneys

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**(21)** 2021106717

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**(21)** 2021106623

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**(21)** 2021106440

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**(11)** AU-A-2021107088  
**(21)** 2021107088 **(22)** 25.08.2021  
**(54)** A Device for Identifying a Disease and Suggest ING through Machine Learning based Task Scheduling and UID an Effective Remedy to Treat a Plant  
**(51)** Int. Cl.  
**G06Q 50/02** ( 2012.01 )  
**G06N 20/00** ( 2019.01 )  
**(45)** 09.12.2021  
**(72)** Jogekar, Ravindra Namdeorao; Lohi, Shantanu Anandrao; Ganorkar, Sandeep Shaligramji; Gorewar, Harish Vasantao; Lohi (Bode), Snehal A.  
**(74)** Prof. Ravindra Namdeorao Jogekar

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**(21)** 2021107026

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**Jos, B.C. see Matani, A.G.**  
**(21)** 2021107026

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**Joshi, K. see Chopade, S.**  
**(21)** 2021107274

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**(71)** JOUBERT, J.  
**(11)** AU-A-2021107192  
**(21)** 2021107192 **(22)** 25.08.2021  
**(54)** IMPROVED PRIVACY SCREEN  
**(51)** Int. Cl.  
**B60J 11/02** ( 2006.01 )  
**B60P 3/36** ( 2006.01 )  
**E04F 10/04** ( 2006.01 )  
**E04F 10/06** ( 2006.01 )  
**B60R 11/00** ( 2006.01 )  
**(45)** 09.12.2021  
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(21) 2021106433

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(51) Int. Cl.  
A01M 1/02 ( 2006.01 )  
A01M 1/24 ( 2006.01 )  
A01M 7/00 ( 2006.01 )  
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(72) Kakulte, Vikram Raghunath; Aher, Yashawant Daulat  
(74) Vikram Raghunath Kakulte

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(21) 2021107280

**Kamble, S.A. see Wanjale, K.H.**  
(21) 2021106711

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(21) 2021106807

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(21) 2021106049

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(21) 2021105938

(71) Kaur, M.; Sakhare, S.; Patil, D.; Bhond, I.  
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(21) 2021107272 (22) 25.08.2021  
(54) AN INTERNET OF THINGS ENABLED FOOD AND DRUGS SUPPLY CHAIN MANAGEMENT USING BLOCKCHAIN  
(51) Int. Cl.  
G06Q 10/08 ( 2012.01 )  
G06Q 50/30 ( 2012.01 )  
(45) 09.12.2021  
(72) Kaur, Mandeep; Sakhare, Sachin; Patil, Dipti; Bhond, Ishan  
(74) Makarand Sudhakar Ballal

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(21) 2021106358

(71) KC College of Engineering and Management Studies and Research; Oberoi, S.

(11) AU-A-2021106443  
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(54) HAEMATOXYLUM CAMPECHIANUM – A NATURAL DYE FOR GOAT SKIN LEATHER  
(51) Int. Cl.  
D06P 1/34 ( 2006.01 )  
C09B 61/00 ( 2006.01 )  
C09B 67/00 ( 2006.01 )  
D06P 1/36 ( 2006.01 )  
D06P 3/32 ( 2006.01 )  
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(72) Oberoi, Shelley  
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(21) 2021105938

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(54) A Novel Apparatus for Controlling Energy in a Solar Disinfection System  
(51) Int. Cl.  
G05B 15/02 ( 2006.01 )  
F24F 8/20 ( 2021.01 )  
F24F 11/46 ( 2018.01 )  
G05B 19/045 ( 2006.01 )  
H04L 12/28 ( 2006.01 )  
H04W 4/80 ( 2018.01 )  
H04W 4/33 ( 2018.01 )  
H04W 4/70 ( 2018.01 )  
F24F 110/10 ( 2018.01 )  
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(21) 2021107195

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(21) 2021107221 (22) 25.08.2021  
(54) SYSTEM AND METHOD FOR GENERATING BUILDING AUTOMATIONS FROM A LIGHTING PLAN  
(51) Int. Cl.  
H04L 12/28 ( 2006.01 )  
G05B 23/02 ( 2006.01 )  
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(72) Cole, James; O'Driscoll, David  
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(21) 2021106225

**KODUMURU, S.D. see GOGULA, S.**  
(21) 2021106816

**Kokode, N.S. see Dixit, M.S.**  
(21) 2021106831

**Kolhe, S.A. see Raut, R.D.**  
(21) 2021106623

**Konidala, S.K. see Shaik, A.B.**  
(21) 2021106703

(71) KRAMAH Pty Ltd  
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(54) IN-WALL TUNDISH REPAIR ASSEMBLY  
(51) Int. Cl.  
E03C 1/122 ( 2006.01 )  
E03C 1/26 ( 2006.01 )  
E03C 1/30 ( 2006.01 )  
F24F 13/22 ( 2006.01 )  
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*H04W 84/04* ( 2009.01 )  
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 (54) A PROCESS FOR HPTLC BASED QUANTIFICATION OF ANDROGRAPHOLIDE IN ANDROGRAPHIS PANICULATE  
 (51) Int. Cl.  
*G01N 30/90* ( 2006.01 )  
*C07D 307/60* ( 2006.01 )  
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 (74) Prof. Anil Kumar

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**Kumar M, D. see Nanda, I.**  
 (21) 2021106963

(71) Kunming University of Science and Technology  
 (11) AU-A-2021102334  
 (21) 2021102334 (22) 03.05.2021  
 (54) METHOD FOR RECOVERING CO-BALT, COPPER AND IRON FROM WASTE COBALT-CONTAINING LITHIUM ION BATTERIES  
 (51) Int. Cl.  
*H01M 10/54* ( 2006.01 )  
*C21B 15/00* ( 2006.01 )  
*C22B 7/00* ( 2006.01 )  
*C22B 15/06* ( 2006.01 )  
*C22B 23/02* ( 2006.01 )  
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 (45) 09.12.2021  
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 (74) MOHAN MURALI KODIVEL

(71) LAA Industries Pty Ltd  
 (11) AU-A-2021107164  
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 (54) Power and control of a submersible pump  
 (51) Int. Cl.  
*H02P 1/00* ( 2006.01 )  
*F02B 63/04* ( 2006.01 )  
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*G05B 13/02* ( 2006.01 )  
*H02P 9/04* ( 2006.01 )  
*H02P 9/30* ( 2006.01 )  
*H02P 9/42* ( 2006.01 )  
*H04Q 9/02* ( 2006.01 )  
 (45) 09.12.2021  
 (62) 2021203584  
 (72) Keogh, Mark Vincent; Reid, Anthony Carl  
 (74) Armour IP Pty Ltd

**Lahare, R.P. see Kumar, A.**  
 (21) 2021106073

**Lakshmi, P.V. see Bala, V.**  
 (21) 2021106807

**Lalitha Praveena, A. see Sarangi, S.K.**  
 (21) 2021106440

(71) Leadfarm (Australia) Pty Ltd  
 (11) AU-A-2021107165  
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 (54) Preparation method of high-content saflufenacil  
 (51) Int. Cl.  
*A01N 43/54* ( 2006.01 )  
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 (74) Shelston IP Pty Ltd.

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(54) System and Method for Facilitating Dispute Resolution  
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*G06Q 10/06* ( 2012.01 )  
*G06Q 50/18* ( 2012.01 )  
*G06N 20/00* ( 2019.01 )  
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 (72) Lewis, John  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

**LIAONING TECHNICAL UNIVERSITY see CHINA RAILWAY 18 BUREAU GROUP CO. LTD.**  
 (21) 2021102915

(71) Lifesize Plans IP Pty Ltd  
 (11) AU-A-2021107245  
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 (51) Int. Cl.  
*G06F 3/14* ( 2006.01 )  
*H04N 21/41* ( 2011.01 )  
*G06F 3/01* ( 2006.01 )  
*G09G 3/00* ( 2006.01 )  
*H04N 21/431* ( 2011.01 )  
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 (72) Hiccup, James  
 (74) AUCTUS ATTORNEYS AND ADVISORS PTY LTD

**Likhitkar, B. see Nagle, M.**  
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 (21) 2021106612

**Lohi, S.A. see Jogekar, R.N.**  
 (21) 2021107088

(71) Lovely Professional University  
 (11) AU-A-2021106235  
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*B65D 85/00* ( 2006.01 )  
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 (11) AU-A-2021106238  
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 (51) Int. Cl.  
*A61K 8/97* ( 2017.01 )  
*A61K 8/19* ( 2006.01 )  
*A61Q 7/00* ( 2006.01 )  
*A61K 33/26* ( 2006.01 )

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A61K 36/28 ( 2006.01 )  
A61K 36/58 ( 2006.01 )  
A61K 36/77 ( 2006.01 )  
A61P 17/14 ( 2006.01 )  
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(54) A NOVEL DUAL DEVICE FOR SMOKING AND STEAMING  
(51) Int. Cl.  
A47J 27/04 ( 2006.01 )  
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(51) Int. Cl.  
B64C 39/02 ( 2006.01 )  
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(74) IP NATION
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(21) 2021106612
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(21) 2021107185
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(54) Wind Turbines for Marine Cloud Brightening Dispersion  
(51) Int. Cl.  
A01G 15/00 ( 2006.01 )  
F03D 9/28 ( 2016.01 )  
F03D 13/25 ( 2016.01 )  
F03D 80/80 ( 2016.01 )
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(74) John Macdonald
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- Mago, J. see Sharma, A.  
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H04N 1/32 ( 2006.01 )  
G06F 16/50 ( 2019.01 )  
H04L 9/00 ( 2006.01 )  
G06N 3/02 ( 2006.01 )  
H04L 29/08 ( 2006.01 )  
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- MANDAL, S. see BISWAS, P.  
(21) 2021107036
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(51) Int. Cl.  
B63C 9/105 ( 2006.01 )  
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G05B 13/02 ( 2006.01 )  
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B60L 7/14 ( 2006.01 )  
B60L 50/51 ( 2019.01 )  
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(74) Manish Sharma
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(54) Material Handling Apparatus  
(51) Int. Cl.  
E21B 19/083 ( 2006.01 )  
E21B 19/087 ( 2006.01 )  
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E21B 19/20 ( 2006.01 )  
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C09K 11/77 ( 2006.01 )  
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 (51) Int. Cl.  
*E02D 9/02* ( 2006.01 )  
*B25B 13/06* ( 2006.01 )  
*B25B 13/50* ( 2006.01 )  
*B25B 23/00* ( 2006.01 )  
*E02D 5/80* ( 2006.01 )  
*E02D 11/00* ( 2006.01 )  
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*F16B 13/08* ( 2006.01 )  
*E02D 5/04* ( 2006.01 )  
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 (72) Orr, Timothy James; Huggett, Craig  
 (74) FB Rice Pty Ltd

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*G09B 7/00* ( 2006.01 )  
 (45) 09.12.2021  
 (72) Francis, Reni  
 (74) Neeraj Milind Shahane

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(71) Microbial Screening Technologies Pty Ltd  
 (11) AU-A-2021107175  
 (21) 2021107175 (22) 25.08.2021  
 (54) Antivirals  
 (51) Int. Cl.  
*A61K 31/46* ( 2006.01 )  
*A61K 31/22* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
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 (72) Lacey, Ernest  
 (74) Richard David Grant

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 (11) AU-A-2021107182  
 (21) 2021107182 (22) 25.08.2021  
 (54) Antiviral compounds  
 (51) Int. Cl.  
*A61K 31/436* ( 2006.01 )  
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*C07D 498/14* ( 2006.01 )  
 (45) 09.12.2021  
 (72) Lacey, Ernest  
 (74) Richard David Grant

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 (21) 2021106440

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 (21) 2021106900

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 (21) 2021106710

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(71) Modok Holding Pty Ltd  
 (11) AU-A-2021107297  
 (21) 2021107297 (22) 25.08.2021  
 (54) SHARED CONTEXTUAL SAFETY DATA TRANSFER BETWEEN ON SITE LOCATION DEVICES AND A SERVER  
 (51) Int. Cl.  
*G06Q 50/08* ( 2012.01 )  
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*G06Q 50/26* ( 2012.01 )  
*G01S 5/00* ( 2006.01 )  
*G06F 17/40* ( 2006.01 )  
*H04W 4/02* ( 2018.01 )  
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Mohanty, D.D. see Bindhani, B.R.  
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 (21) 2021106692

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 (11) AU-A-2021106692  
 (21) 2021106692 (22) 24.08.2021  
 (54) LOW-COST SELF-DISPENSING TOOTHBRUSH WITH HERBAL DENTIFRICE  
 (51) Int. Cl.  
*A46B 11/00* ( 2006.01 )  
*A61K 8/19* ( 2006.01 )  
*A61K 8/9789* ( 2017.01 )  
*A61K 8/9794* ( 2017.01 )  
*A61Q 11/00* ( 2006.01 )  
 (45) 09.12.2021  
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 (74) Karthigeyan periyasamy

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 (11) AU-A-2021106693  
 (21) 2021106693 (22) 24.08.2021  
 (54) HERBAL TOOTHPASTE TABLET  
 (51) Int. Cl.  
*A61K 8/02* ( 2006.01 )  
*A61K 8/19* ( 2006.01 )  
*A61K 8/9789* ( 2017.01 )  
*A61K 8/9794* ( 2017.01 )  
*A61Q 11/00* ( 2006.01 )  
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 (72) Mohanty, Pritam; Mohanty, Debapreeti  
 (74) Karthigeyan periyasamy

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 (21) 2021107267

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 (54) Utilisation of loop mediated isothermal amplification (LAMP) testing for the detection of H5N8 Avian Influenza  
 (51) Int. Cl.  
*C12Q 1/70* ( 2006.01 )  
*C12Q 1/6844* ( 2018.01 )  
*A01K 29/00* ( 2006.01 )  
 (45) 09.12.2021  
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 (11) AU-A-2021107241  
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 (54) Utilisation of loop mediated isothermal amplification (LAMP) testing for the detection of H1N1 Influenza  
 (51) Int. Cl.  
*C12Q 1/70* ( 2006.01 )  
*C12Q 1/6844* ( 2018.01 )  
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 (74) Moth Diagnostic

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 (11) AU-A-2021107194  
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**B65D 3/04** ( 2006.01 )  
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**B65D 21/02** ( 2006.01 )  
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(11) AU-A-2021106384  
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(54) A METHOD AND SYSETM FOR IMPROVING THE SECURITY AND PRIVACY OF HEALTHCARE RECORDS USING A PROPOSED BLOCK-CHAIN-BASED DISTRIBUTED APPLICATION  
(51) Int. Cl.  
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**G16H 10/60** ( 2018.01 )  
**H04L 9/00** ( 2006.01 )  
(45) 09.12.2021  
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(21) 2021106963 (22) 24.08.2021  
(54) IMAGE PROCESSING BASED SMART CONTACTLESS BARRICADE FOR HEALTH MONITORING  
(51) Int. Cl.  
**G07C 9/37** ( 2020.01 )  
**A61B 5/01** ( 2006.01 )  
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**G07C 9/10** ( 2020.01 )  
**G08B 21/02** ( 2006.01 )  
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**Nangrale, S. see Gandhe, G.**  
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(71) Nanjing Hydraulic Research Institute; Nanjing polytechnic Institute  
(11) AU-A-2021107246  
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(54) Construction method of large-scale dredged sediment solidification/stabilization projects  
(51) Int. Cl.  
**G01N 11/04** ( 2006.01 )  
**E02D 3/00** ( 2006.01 )  
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(11) AU-A-2021107232  
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(51) Int. Cl.  
**G06Q 50/02** ( 2012.01 )  
**G09B 29/00** ( 2006.01 )  
**G06F 16/29** ( 2019.01 )  
**G06K 9/48** ( 2006.01 )  
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(54) FUNCTIONALIZATION OF CARBON NANOTUBES WITH 4',7-DIHYDROXY-FLAVONE  
(51) Int. Cl.  
**A61K 31/352** ( 2006.01 )  
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**A61K 47/52** ( 2017.01 )  
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**A61P 33/02** ( 2006.01 )  
**C01B 32/174** ( 2017.01 )  
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(54) PROCESS FOR PREPARING FARNESOL-BASED CATIONIC LIPIDS FOR CARRYING NUCLEIC ACIDS INTO DESIRED CELL LINES  
(51) Int. Cl.  
**C07C 227/16** ( 2006.01 )  
**C07C 67/08** ( 2006.01 )  
**C07C 209/60** ( 2006.01 )  
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(21) 2021107078

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(21) 2021107002 (22) 24.08.2021  
(54) LOW-COST SMART FAULT DETECTION SYSTEM FOR POWER TRANSMISSION LINES  
(51) Int. Cl.  
**H02H 1/00** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
(45) 09.12.2021  
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(21) 2021106440

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(21) 2021107278 (22) 25.08.2021  
(54) AN ADAPTER AND METHOD OF USE THEREOF  
(51) Int. Cl.  
A47C 7/02 ( 2006.01 )  
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(54) Measuring device  
(51) Int. Cl.  
G01B 3/1003 ( 2020.01 )  
G01B 3/1056 ( 2020.01 )  
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(72) Nicey, Anthony  
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(21) 2021105567 (22) 16.08.2021  
(54) Process for automatic scaling of Kubernetes cluster components based on a custom interface  
(51) Int. Cl.  
G05B 15/02 ( 2006.01 )  
G06F 9/50 ( 2006.01 )  
G06F 40/20 ( 2020.01 )  
G06F 40/40 ( 2020.01 )  
H04L 12/24 ( 2006.01 )  
H04L 29/08 ( 2006.01 )  
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(11) AU-A-2021107168  
(21) 2021107168 (22) 25.08.2021  
(54) VITAMIN D PEDIATRIC DOSAGE FORMS, METHODS OF MAKING AND USING  
(51) Int. Cl.  
A61K 9/16 ( 2006.01 )  
A61K 9/20 ( 2006.01 )  
A61K 31/592 ( 2006.01 )  
A61K 31/593 ( 2006.01 )

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A61K 47/04 ( 2006.01 )  
A61K 47/08 ( 2006.01 )  
A61K 47/14 ( 2017.01 )  
A61K 47/24 ( 2006.01 )  
A61K 47/26 ( 2006.01 )  
A61K 47/36 ( 2006.01 )  
A61K 47/38 ( 2006.01 )  
A61P 3/02 ( 2006.01 )  
A61P 5/20 ( 2006.01 )  
(45) 09.12.2021  
(62) 2019329905  
(72) Deshpande, Praful Balavant; Quinlan, Stephen James; Golec, Marta; O'Brien, John Gerard; McDonald, James Joseph; Elsiddig, Reem Elamein; O'Shea, Ken  
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(54) VITAMIN D PEDIATRIC DOSAGE FORMS, METHODS OF MAKING AND USING  
(51) Int. Cl.  
A61K 9/16 ( 2006.01 )  
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A61K 31/592 ( 2006.01 )  
A61K 31/593 ( 2006.01 )  
A61K 47/04 ( 2006.01 )  
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A61K 47/14 ( 2017.01 )  
A61K 47/24 ( 2006.01 )  
A61K 47/26 ( 2006.01 )  
A61K 47/36 ( 2006.01 )  
A61P 3/02 ( 2006.01 )  
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(45) 09.12.2021  
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(21) 2021106420

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(21) 2021105374

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**Padmavat, N.S. see Hallale, D.V.**  
(21) 2021106717

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**Padole, D. see Chopade, S.**  
(21) 2021107274

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**Panda, S. see Balu, K.E.**

(21) 2021107195

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**Panse, V.R. see Rahate, S.G.R.**  
(21) 2021106824

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**Panse, V.R. see Dixit, M.S.**  
(21) 2021106831

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**Parauha, Y. see Chourasia, A.**  
(21) 2021106705

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**Parbat, T. see Suhailshaikh, M.**  
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(71) Partner Pacific Pty Ltd  
(11) AU-A-2021107277  
(21) 2021107277 (22) 25.08.2021  
(54) VENT COVER  
(51) Int. Cl.  
E04D 13/143 ( 2006.01 )  
F24F 13/08 ( 2006.01 )  
F24F 13/20 ( 2006.01 )  
E04D 13/147 ( 2006.01 )  
E04D 13/17 ( 2006.01 )  
(31) 2020904218 (32) 16.11.20 (33) AU  
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(72) HARRY, Rohan James  
(74) WRAYS PTY LTD

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(11) AU-A-2021107078  
(21) 2021107078 (22) 25.08.2021  
(54) A METHOD AND SYSTEM FOR GENERATING A TRULY RANDOM NUMBER FOR CONVENTIONAL COMPUTING DEVICES  
(51) Int. Cl.  
G06F 7/58 ( 2006.01 )  
(45) 09.12.2021  
(72) Patgiri, Ripon  
(74) Dr. Ripon Patgiri

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**Pathan, S.H. see Wanjale, K.H.**  
(21) 2021106711

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**Pathri, B.P. see Sharma, A.**  
(21) 2021106227

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**Patil, J.M. see Wanjale, K.H.**  
(21) 2021106711

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(21) 2021106717

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(11) AU-A-2021106906

(21) 2021106906 (22) 24.08.2021

(54) SMART LASER DETECTION SYSTEM FOR TOLL PLAZA LANE CONTROL

(51) Int. Cl.

*G08G 1/16* ( 2006.01 )

*G07B 15/00* ( 2011.01 )

(45) 09.12.2021

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(74) Om Suryakant Patil

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(21) 2021107267

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(11) AU-A-2021107283

(21) 2021107283 (22) 25.08.2021

(54) INTELLIGENT CIRCUIT ENABLE INTELLECTUAL SECURITY SYSTEM FOR BANK LOCKER USING IOT

(51) Int. Cl.

*G16Y 30/10* ( 2020.01 )

(45) 09.12.2021

(72) Patra, Tapas Kumar; Acharya, Biswaranjan; Sahoo, Priti Ranjan; Kuanr, Madhusree; Mohapatra, Puspanjali; Subham, P.; Sahoo, Biswa Mohan; Pattnaik, Satyajit; Dash, Sidhartha Sekhar

(74) John Thomas

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(21) 2021106963

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(21) 2021106623

(71) Pitts, R.

(11) AU-A-2021107187

(21) 2021107187 (22) 25.08.2021

(54) An audio media streaming synchronisation and interaction system

(51) Int. Cl.

*H04N 21/43* ( 2011.01 )

*H04N 21/233* ( 2011.01 )

*H04N 21/2187* ( 2011.01 )

*H04W 4/14* ( 2009.01 )

(31) 2020903080 (32) 28.08.20 (33) AU

(45) 09.12.2021

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(74) Patentec Patent Attorneys

(71) Polyforce Industries Pty Ltd

(11) AU-A-2021107184

(21) 2021107184 (22) 25.08.2021

(54) FENCE POST SLEEVE ASSEMBLY

(51) Int. Cl.

*E04H 17/00* ( 2006.01 )

*E04H 17/02* ( 2006.01 )

*E04H 17/20* ( 2006.01 )

(45) 09.12.2021

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(74) Michael Buck IP

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**Potla, K. see Shaik, A.B.**

(21) 2021106703

**Prince, M.C.D. see Bala, V.**

(21) 2021106807

(71) Priolo, F.

(11) AU-A-2021107201

(21) 2021107201 (22) 25.08.2021

(54) A COMBINED DISPENSER AND APPLICATOR DEVICE FOR COSMETIC PRODUCTS

(51) Int. Cl.

*A45D 34/04* ( 2006.01 )

*A46B 11/00* ( 2006.01 )

*B05B 11/00* ( 2006.01 )

*B05C 17/005* ( 2006.01 )

*A45D 34/00* ( 2006.01 )

(31) 2021902125 (32) 12.07.21 (33) AU

(45) 09.12.2021

(72) Priolo, Francine

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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(21) 2021106266

(71) Priya, R.K.; Bhupathyraaj, M.; Al Bimani, A.; Mohamed Musthafa, M.E.;

Ahamed, S.; Chacko, S.; Rajasekaran, M.P.

(11) AU-A-2021106727

(21) 2021106727 (22) 24.08.2021

(54) AI SYSTEM FOR BRAIN MRI/CT MALIGNANCY IDENTIFICATION AND CLASSIFICATION USING MODIFIED CNN AND ADAM OPTIMIZATION.

(51) Int. Cl.

*G16H 50/70* ( 2018.01 )

*G06N 3/02* ( 2006.01 )

*G16H 30/40* ( 2018.01 )

*G16H 50/20* ( 2018.01 )

*G06Q 10/04* ( 2012.01 )

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(74) Maulesh Parikh

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(21) 2021106807

**Pund, M. see Ingale, S.**

(21) 2021106049

**Purohit, R. see Sridhar, P.**

(21) 2021106812

(71) Qeysco Pty Ltd

(11) AU-A-2017101919

(21) 2017101919 (22) 29.11.2017

(54) Qualitative analysis dashboard, system and method

(51) Int. Cl.

*G06Q 10/06* ( 2012.01 )

*G06Q 30/02* ( 2012.01 )

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(45) 09.12.2021

(72) Vogel, Peter; Van Dam, Patricia

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(71) Qilu University of Technology

(11) AU-A-2021107258

(21) 2021107258 (22) 25.08.2021

(54) 2-METHYLENE-1-INDANONE DERIVATIVE AND SYNTHESIS METHOD THEREOF

(51) Int. Cl.

*C07D 231/54* ( 2006.01 )

*B01J 27/12* ( 2006.01 )

*B01J 31/22* ( 2006.01 )

*C07B 37/10* ( 2006.01 )

*C07C 319/12* ( 2006.01 )

*C07C 321/18* ( 2006.01 )

(31) 202110160614.6 (32) 05.02.21 (33) CN

(45) 09.12.2021

(72) LIU, Zhuqing; HAN, Wenjia; LI, Xia

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(71) Qilu University of Technology

(11) AU-A-2021107259

(21) 2021107259 (22) 25.08.2021



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(51) Int. Cl.  
*C07D 263/46* ( 2006.01 )

(45) 09.12.2021  
(72) LIU, Zhuqing; HAN, Wenjia; LI, Xia  
(74) LAMINAR IP PTY LTD

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(11) AU-A-2021107284  
(21) 2021107284 (22) 25.08.2021

(54) A METHOD OF PREPARING EFFICIENT ELECTROMAGNETIC SHIELDING AEROGEL FROM WASTE PAPER

(51) Int. Cl.  
*C08J 9/00* ( 2006.01 )  
*C08L 1/02* ( 2006.01 )  
*C08L 79/02* ( 2006.01 )

(45) 09.12.2021  
(72) Liu, Shan; Ji, Xingxiang; Tian, Zhongjian; Jia, Peng; Gao, Shuai  
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(71) Qilu University of Technology

(11) AU-A-2021107286  
(21) 2021107286 (22) 25.08.2021

(54) A KIND OF Pr-DOPED TITANIUM-OXO CLUSTER AND SYNTHESIS METHOD

(51) Int. Cl.  
*C07F 5/00* ( 2006.01 )  
*B01J 31/22* ( 2006.01 )  
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**C01G 49/00** ( 2006.01 )  
**C08G 73/02** ( 2006.01 )  
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**H01Q 17/00** ( 2006.01 )  
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**H04L 29/08** ( 2006.01 )  
**G05B 23/02** ( 2006.01 )  
**H04W 84/18** ( 2009.01 )  
*B60L 58/10* ( 2019.01 )  
*G07C 5/00* ( 2006.01 )  
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 G01N 33/204 ( 2019.01 )  
 G01B 15/08 ( 2006.01 )  
 G01N 23/2251 ( 2018.01 )  
 B21D 31/00 ( 2006.01 )

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 H02B 1/56 ( 2006.01 )  
 A62C 37/36 ( 2006.01 )  
 G08B 27/00 ( 2006.01 )  
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 B60C 23/04 ( 2006.01 )  
 B60B 27/00 ( 2006.01 )  
 B60C 23/00 ( 2006.01 )  
 B60C 23/20 ( 2006.01 )  
 B60C 19/00 ( 2006.01 )  
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 (54) LiL Blue  
 (51) Int. Cl.

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*E05D 13/00* ( 2006.01 )  
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*G01N 33/569* ( 2006.01 )  
*C07K 16/10* ( 2006.01 )  
*G01N 33/53* ( 2006.01 )  
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*A61B 17/17* ( 2006.01 )  
*A61C 8/00* ( 2006.01 )  
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*A63B 47/02* ( 2006.01 )  
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G01N 11/02 ( 2006.01 )  
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B65G 47/19 ( 2006.01 )  
B28B 13/02 ( 2006.01 )  
B65G 15/30 ( 2006.01 )  
B65G 33/14 ( 2006.01 )  
B65G 45/00 ( 2006.01 )  
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A23L 33/115 ( 2016.01 )

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E06B 3/28 ( 2006.01 )  
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F16G 11/14 ( 2006.01 )  
E04B 1/98 ( 2006.01 )  
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G07C 9/26 ( 2020.01 )  
G06F 21/32 ( 2013.01 )  
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*E04C 3/06* ( 2006.01 )  
*E04B 5/10* ( 2006.01 )  
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 (54) AUTOMATED MASK DETECTION AND THERMAL SCREENING SYSTEM AND METHOD TO AVOID COVID'19 SPREADING  
 (51) Int. Cl.  
*G06T 7/00* ( 2017.01 )  
*A61B 5/01* ( 2006.01 )  
*G06K 9/00* ( 2006.01 )

(45) 09.12.2021  
 (72) Wanjale, Kirti H.; Chitre, Abhijit; Raut, Ketan Janraoji; Gawande, Pravin; Deshmukh, Minal; Thakur, Nikhil Naresh; Kale, Atharva Dhananjay; Sharma, Yuvraj Ravishankar; Choudhary, Chetan Pokarram; Kamble, Sak-

shi Avinash; Gupta, Aryan; Ghattuwar, Samruddhi Ravindra; Patil, Jivandip Mangal; Pathan, Shoeb Hussain; Wanjale, Aditya Hemant  
 (74) Kirti H. Wanjale

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 (21) 2021106623

(71) Warbrook Enterprises Pty Ltd  
 (11) AU-A-2021107203  
 (21) 2021107203 (22) 25.08.2021  
 (54) Stand Pipe Apparatus  
 (51) Int. Cl.  
*E03B 9/12* ( 2006.01 )  
*E03B 1/02* ( 2006.01 )  
 (45) 09.12.2021  
 (72) Warnock, Mark; Warnock, Gavin  
 (74) WRAYS PTY LTD

(71) Wasley, J.  
 (11) AU-A-2021107190  
 (21) 2021107190 (22) 25.08.2021  
 (54) Mine fan installation  
 (51) Int. Cl.  
*E21F 17/02* ( 2006.01 )  
*E21F 1/08* ( 2006.01 )  
*E21F 1/00* ( 2006.01 )  
 (45) 09.12.2021  
 (72) Wasley, Jason  
 (74) Armour IP Pty Ltd

(71) West China Hospital, Sichuan University  
 (11) AU-A-2021102332  
 (21) 2021102332 (22) 03.05.2021  
 (54) DEVICE FOR TESTING COGNITIVE ABILITY OF TUPAIA BELANGERI  
 (51) Int. Cl.  
*A01K 15/02* ( 2006.01 )  
*A01K 29/00* ( 2006.01 )  
*A01K 1/03* ( 2006.01 )  
 (45) 09.12.2021  
 (72) Bao, Tianhao  
 (74) MOHAN MURALI KODIVEL

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 (21) 2021107186

(71) Willis Tribe Pty Ltd  
 (11) AU-A-2021107271  
 (21) 2021107271 (22) 25.08.2021  
 (54) Shaving Apparatus  
 (51) Int. Cl.  
*B26B 21/52* ( 2006.01 )  
*B26B 21/40* ( 2006.01 )  
 (31) 2020904608 (32) 10.12.20 (33) AU  
 (45) 09.12.2021  
 (72) Parry, Susan Elizabeth; Sterret, Benjamin Jerry  
 (74) MEYER WEST IP PTY LTD

(71) Wu, J.; Xiang, Y.  
 (11) AU-A-2021107167

(21) 2021107167 (22) 25.08.2021  
 (54) Composition for moistening and relieving itching, cream and preparation method of cream  
 (51) Int. Cl.  
*A61K 36/752* ( 2006.01 )  
*A61K 8/34* ( 2006.01 )  
*A61K 8/43* ( 2006.01 )  
*A61K 8/9783* ( 2017.01 )  
*A61K 8/98* ( 2006.01 )  
*A61K 31/05* ( 2006.01 )  
*A61K 31/155* ( 2006.01 )  
*A61K 35/583* ( 2015.01 )  
*A61K 36/489* ( 2006.01 )  
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*A61K 36/756* ( 2006.01 )  
*A61P 17/04* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
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 (72) Wu, Jinhui; Xiang, Yu  
 (74) Ran Tao

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 (21) 2021106882

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 (21) 2021107110

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<b>2018102230</b>	Covered Insurance Solutions, Inc.	<b>2021106369</b>	National Institute of Technology Warangal
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<b>2020104472</b>	Snap-on Incorporated	<b>2021106376</b>	National Institute of Technology Warangal
<b>2021101933</b>	Wang, Z.; University of Electronic Science and Techno-logy of China	<b>2021106384</b>	Namasudra, S.; Sharma, P.; Crespo, R.G.
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<b>2021102305</b>	The Affiliated Hospital of Putian University (The Second Hospital of Putian City)	<b>2021106403</b>	Khan, O.; Khan, M.Z.
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<b>2021102406</b>	Tianjin Research Institute for Water Transport Engineer-ing, M.O.T.; Environmental Technology Development of TIWTE (Tian Jin) Co.,Ltd.	<b>2021106440</b>	Sarang, S.K.; Mishra, S.; Mishra, D.; Sahoo, S.; Ellaji, C.; Jayasri, P.; Gupta, A.; Lalitha Praveena, A.; Sush-ama, C.; Fantin Irudaya Raj, E.; Yogendra Prasad, P.; Neelima, P.
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<b>2021103574</b>	Sichuan Huaneng Baoxinghe Hydropower Co., Ltd.	<b>2021106612</b>	Surapaneni, P.P.; S, M.; Sahana, S.K.; M, V.; Loganath-an, M.K.; Hati, A.S.; Ranga Swamy, S.; Jaglan, V.; Has-an, M.A.; Champaty, B.; Nandan, M.; Mahapatra, R.
<b>2021103771</b>	QINGDAO WOMEN AND CHILDREN'S HOSPITAL	<b>2021106623</b>	Raut, R.D.; Bedi, P.; Kolhe, S.A.; Niwlikar, K.B.; Choud-hari, V.R.; Wankhade, S.; Pawar, R.A.; Adwani, R.N.; Dhope, S.V.; Jawanjal, N.A.
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<b>2021105326</b>	Kulkarni, G.; Taluja, H.; Sain, M.; Mahesha, C.R.; Bas-karan, S.; Sahu, S.; Sarvakar, K.	<b>2021106684</b>	Budhwar, S.
<b>2021105374</b>	Chopade, R.; Pachghare, V.; Dhavase, N.; Adhao, R.	<b>2021106689</b>	Suhailshaikh, M.; Shaikh, A.A.; Parbat, T.; Benhal, R.; Shaikh, M.Z.; Mane, S.
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<b>2021106227</b>	Sharma, A.; Babbar, A.; Bhargave, H.; Tripathi, N.M.; Dosad, J.S.; Singh, L.; Uppal, A.S.; Pathri, B.P.; Bhaumik, S.; Gajghate, S.S.; Dhiman, M.; Mago, J.; Dhiman, V.; Chohan, J.S.		
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<b>2021107283</b>	Patra, T.K.; Acharya, B.; Sahoo, P.R.; Kuanr, M.; Mo- hapatra, P.; Subham, P.; Sahoo, B.M.; Pattnaik, S.; Dash, S.S.
<b>2021107284</b>	Qilu University of Technology
<b>2021107285</b>	Bonbee Pty Ltd
<b>2021107286</b>	Qilu University of Technology
<b>2021107287</b>	Gardan Enterprises
<b>2021107288</b>	VAICO LIMITED
<b>2021107289</b>	3DMorphic Pty Ltd
<b>2021107290</b>	Techspan Building Systems
<b>2021107292</b>	Custom Concepts Australia Pty Ltd
<b>2021107293</b>	Beijing Power Investment ShiYuan Technology Co., Ltd
<b>2021107294</b>	Macdonald, J.
<b>2021107295</b>	Healthier Gelati Pty Ltd
<b>2021107296</b>	KRAMAH Pty Ltd
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2021107280	2021105631	2021107251	2021107289	2021106238	<b><u>A61P 25 /-</u></b>
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2021107159	2021107172	2021107188	2021106555 2021106623	2021107167	<b><u>A61P 29 /-</u></b>
<b><u>A01C 21 /-</u></b>	<b><u>A01M 7 /-</u></b>	<b><u>A43C 7 /-</u></b>	2021106711 2021106963 2021107110 2021107210 2021107230	<b><u>A61K 36 /-</u></b>	2021107167 2021107263 2021107265 2021107270
2021107219	2021105631	2021107231		2021106238 2021106358 2021106406 2021106602 2021107167 2021107253 2021107257 2021107263 2021107265 2021107270	2021107167 2021107263 2021107265 2021107270
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2021107294	2021107165	2021107251	2021107209	2021105902	2021107168 2021107174
<b><u>A01G 17 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A45D 2 /-</u></b>	<b><u>A61C 1 /-</u></b>	<b><u>A61K 39 /-</u></b>	<b><u>A61P 31 /-</u></b>
2021107262	2021106363 2021106544 2021107165	2021107191	2021107261	2021105902	2021105902 2021106363 2021106406 2021107175 2021107182 2021107213
<b><u>A01G 25 /-</u></b>	<b><u>A01P 21 /-</u></b>	<b><u>A45D 34 /-</u></b>	<b><u>A61C 7 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>A61P 33 /-</u></b>
2021107049	2021106363 2021106544	2021107201	2021106601	2021106358 2021106369 2021106406 2021107168 2021107174 2021107198 2021107253	2021106369 2021106602
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2021107262	2021106684	2021107255	2021107261	2021106238 2021106406 2021106692 2021106693 2021107167	2021107257
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2021103083	2021106684	2021106692 2021107201	2021107230	2021106238 2021106406 2021106692 2021106693 2021107167	2021107257
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2021107204	2021106684	2021107278	2021107212	2021107256 2021107289	2021107168 2021107174
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2021107159	2021107227	2021106239 2021106717	2021103771 2021106601	2021106266 2021106358 2021106369 2021106406 2021107168 2021107174 2021107198 2021107253 2021107257	2021106692 2021106693
<b><u>A01H 5 /-</u></b>	<b><u>A23L 17 /-</u></b>	<b><u>A47J 36 /-</u></b>	<b><u>A61H 7 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>A61Q 19 /-</u></b>
2021107211 2021107222	2021107179 2021107295	2021106717	2021107216	2021106266 2021106363 2021106369 2021107167 2021107168 2021107174 2021107175 2021107182 2021107213 2021107253 2021107257 2021107263 2021107265 2021107270	2021106406 2021107167
<b><u>A01H 6 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>A61M 5 /-</u></b>	<b><u>A61Q 7 /-</u></b>
2021107159 2021107204 2021107211 2021107222	2021107160 2021106433	2021107278	2021106266 2021106363 2021106369 2021107167 2021107168 2021107174 2021107175 2021107182 2021107213 2021107253 2021107257 2021107263 2021107265 2021107270	2021102304 2021107217	2021106238
<b><u>A01K 1 /-</u></b>	<b><u>A23L 31 /-</u></b>	<b><u>A47J 41 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>A61N 1 /-</u></b>	<b><u>A62C 37 /-</u></b>
2021102332	2021107227	2021107255	2021106266 2021106363 2021106369 2021107167 2021107168 2021107174 2021107175 2021107182 2021107213 2021107253 2021107257 2021107263 2021107265 2021107270	2021107212	2021103574
<b><u>A01K 15 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A47J 43 /-</u></b>	<b><u>A61B 10 /-</u></b>	<b><u>A61P 1 /-</u></b>	<b><u>A63B 102 /-</u></b>
2021102332	2021107160 2021107179 2021107227	2021106239 2021106717	2021103771	2021106363	2021107193
<b><u>A01K 29 /-</u></b>	<b><u>A23L 5 /-</u></b>	<b><u>A61B 17 /-</u></b>	<b><u>A61B 3 /-</u></b>	<b><u>A61P 17 /-</u></b>	<b><u>A63B 47 /-</u></b>
2021102332 2021107197 2021107230	2021107160	2021103771	2021102331	2021106238 2021106358	2021107193
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2021107172	2021107163				
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2021107193	2020104472	2021107281	2021107186	2021107258	2021107284
<b><u>B01D 65 /-</u></b>	<b><u>B25G 1 /-</u></b>	<b><u>B60L 58 /-</u></b>	<b><u>B65G 15 /-</u></b>	<b><u>C07C 209 /-</u></b>	<b><u>C08K 3 /-</u></b>
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2021106882	2021107249	2021106929	2021107186	2021106376	2021107284
<b><u>B01J 27 /-</u></b>	<b><u>B26B 21 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B65G 45 /-</u></b>	<b><u>C07C 227 /-</u></b>	<b><u>C08L 79 /-</u></b>
2021107258	2021107271	2021107192	2021107186 2021107237	2021106376	2021107284
<b><u>B01J 31 /-</u></b>	<b><u>B28B 13 /-</u></b>	<b><u>B60P 7 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C07C 229 /-</u></b>	<b><u>C09B 61 /-</u></b>
2021107258 2021107286	2021107186	2021107244	2021107186	2021106376	2021106443
<b><u>B01J 35 /-</u></b>	<b><u>B29C 43 /-</u></b>	<b><u>B60Q 1 /-</u></b>	<b><u>B67D 7 /-</u></b>	<b><u>C07C 319 /-</u></b>	<b><u>C09B 67 /-</u></b>
2021107286	2021106042	2021107206	2021107267	2021107258	2021106443
<b><u>B01L 3 /-</u></b>	<b><u>B29C 45 /-</u></b>	<b><u>B60R 11 /-</u></b>	<b><u>B82B 1 /-</u></b>	<b><u>C07C 321 /-</u></b>	<b><u>C09D 105 /-</u></b>
2021103919	2021107238	2021107192	2021106882	2021107258	2021107159
<b><u>B05B 11 /-</u></b>	<b><u>B29C 70 /-</u></b>	<b><u>B63C 9 /-</u></b>	<b><u>B82Y 10 /-</u></b>	<b><u>C07C 67 /-</u></b>	<b><u>C09D 7 /-</u></b>
2021107201	2021106042	2021107172 2021107251	2021107091	2021106376	2021107159
<b><u>B05C 17 /-</u></b>	<b><u>B29L 31 /-</u></b>	<b><u>B63G 8 /-</u></b>	<b><u>B82Y 15 /-</u></b>	<b><u>C07D 231 /-</u></b>	<b><u>C09K 11 /-</u></b>
2021107201	2021106042 2021107238	2021107172	2021106882	2021107258	2021106253 2021106705 2021106714 2021106725 2021106824 2021106831
<b><u>B07B 1 /-</u></b>	<b><u>B32B 37 /-</u></b>	2021107172	<b><u>C01B 32 /-</u></b>	<b><u>C07D 263 /-</u></b>	
2021107247	2021107188	<b><u>B64C 39 /-</u></b>	2021106369	2021107259	
<b><u>B08B 3 /-</u></b>	<b><u>B32B 5 /-</u></b>	2021106335 2021106636 2021107172 2021107240	<b><u>C01G 49 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C09K 17 /-</u></b>
2021107163	2021107188	2021106396 2021106882	2021106396 2021106882	2021106703	2021107180
<b><u>B09B 3 /-</u></b>	<b><u>B44C 1 /-</u></b>	<b><u>B65D 21 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C11D 9 /-</u></b>
2021106253 2021107180	2021107188	2021107194	2021102918	2021106073	2021106406
<b><u>B09C 1 /-</u></b>	<b><u>B60B 27 /-</u></b>	<b><u>B65D 3 /-</u></b>	<b><u>C02F 103 /-</u></b>	<b><u>C07D 498 /-</u></b>	<b><u>C12N 1 /-</u></b>
2021107180	2020104471	2021107194	2021102918	2021107182	2021107227
<b><u>B21D 31 /-</u></b>	<b><u>B60B 5 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>C02F 11 /-</u></b>	<b><u>C07F 5 /-</u></b>	<b><u>C12N 15 /-</u></b>
2021106070	2021106042	2017101917 2021107287	2021102918	2021107286	2021106310 2021107202
<b><u>B24C 7 /-</u></b>	<b><u>B60C 19 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>C02F 3 /-</u></b>	2021106703	<b><u>C12N 5 /-</u></b>
2021107163	2020104471	2021107255	2021107293	2021103919	2021105902
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2021107249	2020104471	2017101917 2021107255	2021107180	2021106363 2021106433 2021106544	2021105902 2021107276
<b><u>B25B 13 /-</u></b>	<b><u>B60C 29 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C08G 73 /-</u></b>	<b><u>C12Q 1 /-</u></b>
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2021102334	2021107166	2021107290	2021106227	2021107279	2021107110
<b><u>C22B 23 /-</u></b>	<b><u>E04B 2 /-</u></b>	<b><u>E05F 15 /-</u></b>	2021107294	<b><u>F24H 9 /-</u></b>	2021107202
2021102334	2021107229	2021107290	<b><u>F16B 13 /-</u></b>	2021107279	2021107204
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2021106443	<b><u>E04B 9 /-</u></b>	2021107223	2021107288	2021107194	2021107246
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<b><u>E01D 19 /-</u></b>	2021107166	<b><u>E06C 7 /-</u></b>	<b><u>F21V 33 /-</u></b>	2021107194	2021105728
2021102919	2021107173	2021107218	2021107183	<b><u>F25D 31 /-</u></b>	<b><u>G01S 15 /-</u></b>
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2021102919	2021107277	2021107170	2021106351	<b><u>F27D 1 /-</u></b>	<b><u>G01S 5 /-</u></b>
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2021102919	2021107192	2021107180	2021106351	<b><u>G01B 15 /-</u></b>	<b><u>G01V 99 /-</u></b>
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2021102919	2021107229	2021102915	2021107161	<b><u>G01B 3 /-</u></b>	<b><u>G02B 26 /-</u></b>
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<b><u>E02D 29 /-</u></b>	<b><u>E04G 1 /-</u></b>	<b><u>E21F 15 /-</u></b>	2021107239	2021107280	2021107164
2021107235	2021102919	2021107180	<b><u>F24F 110 /-</u></b>	<b><u>G01N 1 /-</u></b>	2021107239
2021107235	2021107218	2021107180	2021102913	<b><u>G01N 11 /-</u></b>	<b><u>G05B 15 /-</u></b>
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2021107246	2021107166	2021107190	2021106403	<b><u>G01N 11 /-</u></b>	2021106403
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2021107235	2021107218	2021107164	2021107246	<b><u>G01N 15 /-</u></b>	2021107049
<b><u>E02D 9 /-</u></b>	<b><u>E04H 17 /-</u></b>	<b><u>F02D 29 /-</u></b>	<b><u>F24F 110 /-</u></b>	2021102406	<b><u>G05B 23 /-</u></b>
2021107235	2021107171	2021107164	2021106403	<b><u>G01N 21 /-</u></b>	2021106900
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<b><u>E03B 9 /-</u></b>	<b><u>E04H 9 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>F24F 6 /-</u></b>	2021107219	2021107172
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		2021106227	<b><u>F24F 7 /-</u></b>	<b><u>G01N 27 /-</u></b>	2021105616
			2021103574	2021107280	<b><u>G06F 111 /-</u></b>
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2021107232	2021107185	<b><u>G07C 5 /-</u></b>			<b><u>H04M 1 /-</u></b>
		2021106900	2021107273	<b><u>H01Q 17 /-</u></b>	2021107183
<b><u>G06F 17 /-</u></b>	<b><u>G06Q 10 /-</u></b>		<b><u>G16C 20 /-</u></b>	2021106396	<b><u>H04M 11 /-</u></b>
2017101920	2017101919	<b><u>G07C 9 /-</u></b>	2021106266	<b><u>H02B 1 /-</u></b>	2021107183
2021106027	2018102230				
2021107169	2021106612	2021106963	<b><u>G16H 10 /-</u></b>	2021103574	
2021107297	2021106666	2021107268			<b><u>H04N 1 /-</u></b>
	2021106727		2021106384	<b><u>H02G 3 /-</u></b>	2021107185
<b><u>G06F 21 /-</u></b>	2021107036	<b><u>G07F 7 /-</u></b>	<b><u>G16H 15 /-</u></b>	2021107281	
2021105866	2021107051	2021107285			<b><u>H04N 21 /-</u></b>
2021106271	2021107108		2021106384	<b><u>H02H 1 /-</u></b>	2021107187
2021106440	2021107176	<b><u>G08B 13 /-</u></b>			2021107245
2021107268	2021107195	2021107183	<b><u>G16H 20 /-</u></b>	2021107002	
	2021107225			<b><u>H02H 9 /-</u></b>	<b><u>H04Q 9 /-</u></b>
<b><u>G06F 3 /-</u></b>	2021107272	<b><u>G08B 21 /-</u></b>	2021107210		2021106449
2021107210	2021107297		<b><u>G16H 30 /-</u></b>	2021107177	2021107026
2021107245		2021105326			2021107049
2021107285	<b><u>G06Q 20 /-</u></b>	2021106963	2021106727	<b><u>H02J 13 /-</u></b>	2021107164
	2021106807		2021106861		2021107280
<b><u>G06F 30 /-</u></b>	2021107285	<b><u>G08B 27 /-</u></b>		2021107002	
2021101933		2021103574	<b><u>G16H 50 /-</u></b>		<b><u>H02J 7 /-</u></b>
2021106225	<b><u>G06Q 30 /-</u></b>				<b><u>H04W 24 /-</u></b>
2021107173	2017101919	<b><u>G08B 3 /-</u></b>	2021106727		2021107240
	2017101920	2021107183	2021106861	2021107267	
<b><u>G06F 40 /-</u></b>	2021105374		2021107017	2021107281	
2021105567	2021105938	<b><u>G08B 7 /-</u></b>	<b><u>G16Y 30 /-</u></b>		<b><u>H02P 1 /-</u></b>
2021106027	2021106816	2021107183		2021107164	2021106403
2021106049	2021107176		2021107283		2021106900
	2021107292	<b><u>G08G 1 /-</u></b>		<b><u>H02P 21 /-</u></b>	2021107187
<b><u>G06F 7 /-</u></b>	<b><u>G06Q 40 /-</u></b>	2021106420	<b><u>H01F 27 /-</u></b>		2021107239
2021107078	2018102230	2021106906	2021107158	2021106929	2021107267
	2021107075				2021107280
<b><u>G06F 8 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>G09B 21 /-</u></b>	<b><u>H01H 13 /-</u></b>	<b><u>H02P 3 /-</u></b>	2021107297
2021105616	2018102230	2021107285	2021107183	2021106929	<b><u>H04W 72 /-</u></b>
2021105866	2021106666				2021107065
<b><u>G06F 9 /-</u></b>	2021106689	<b><u>G09B 29 /-</u></b>	<b><u>H01H 73 /-</u></b>	<b><u>H02P 9 /-</u></b>	
2021105567	2021106710	2021107232	2021107177	2021105259	<b><u>H04W 84 /-</u></b>
	2021106812			2021107164	2021106449
<b><u>G06K 19 /-</u></b>	2021106935	<b><u>G09B 5 /-</u></b>	<b><u>H01H 83 /-</u></b>		2021106900
2017101917	2021107051	2021106689	2021107177	<b><u>H04B 7 /-</u></b>	2021107065
	2021107088			2021107240	2021107239
<b><u>G06K 9 /-</u></b>	2021107169	<b><u>G09B 7 /-</u></b>	<b><u>H01J 1 /-</u></b>		2021107240
2017101917	2021107176	2021107208	2021106824	<b><u>H04L 12 /-</u></b>	<b><u>H05B 3 /-</u></b>
	2021107214			2021105567	2021107279
<b><u>G06N 20 /-</u></b>	2021107225	<b><u>G09F 13 /-</u></b>	<b><u>H01L 21 /-</u></b>	2021106403	
2017101920	2021107232	2021107206		2021107183	<b><u>H05K 5 /-</u></b>
2021106049	2021107272		<b><u>H01L 29 /-</u></b>	2021107221	2021107158
2021106711	2021107292	<b><u>G09F 19 /-</u></b>	2021107091		2021107281
2021107169	2021107297	2021107178	2021107274	2021105567	<b><u>H05K 7 /-</u></b>
2021107210				2021106274	
2021107232	<b><u>G06T 19 /-</u></b>	<b><u>G09F 21 /-</u></b>	<b><u>H01L 31 /-</u></b>	2021106440	2021103574
2021107268	2021107210	2021107206		2021106900	
			2021106705	2021107026	<b><u>H05K 9 /-</u></b>
<b><u>G06N 20 /-</u></b>	<b><u>G06T 5 /-</u></b>	<b><u>G09F 7 /-</u></b>	<b><u>H01L 33 /-</u></b>	2021107185	2021106396
2021106027	2021107169				
2021106049		2021107206	<b><u>H04L 9 /-</u></b>	2021105866	<b><u>No IPC Mark</u></b>
2021107088	<b><u>G06T 7 /-</u></b>	2021107206			
2021107225	2021106711		2021106705		
	2021107169		2021106725		

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<p>(71) 4D Pharma Research Limited (11) AU-A-2020276670 (21) 2020276670 (22) 11.05.2020 (54) Compositions comprising bacterial strains (51) Int. Cl. A61K 35/74 ( 2015.01 ) A61P 25/00 ( 2006.01 ) (87) WO2020/229428 (31) 19173945.7 (32) 10.05.19 (33) EP (43) 19.11.2020 (72) STEVENSON, Alex; CHETAL, Sasha (74) FB Rice Pty Ltd</p>	<p>(71) Aadigen, LLC (11) AU-A-2020259449 (21) 2020259449 (22) 16.04.2020 (54) Peptides and nanoparticles for intracellular delivery of molecules (51) Int. Cl. A61K 47/66 ( 2017.01 ) A61K 47/10 ( 2017.01 ) A61K 47/60 ( 2017.01 ) A61K 47/64 ( 2017.01 ) A61K 48/00 ( 2006.01 ) C07K 7/02 ( 2006.01 ) C07K 7/08 ( 2006.01 ) C12N 15/87 ( 2006.01 ) (87) WO2020/214846 (31) FR1904115 (32) 17.04.19 (33) FR (43) 22.10.2020 (72) DESAI, Neil P.; DIVITA, Gilles (74) AJ PARK</p>	<p>(71) Advanced Solutions Life Sciences, LLC (11) AU-A-2020289525 (21) 2020289525 (22) 03.06.2020 (54) System and method for fabricating a cornea (51) Int. Cl. A61F 2/14 ( 2006.01 ) A61F 2/16 ( 2006.01 ) A61L 27/36 ( 2006.01 ) A61L 27/38 ( 2006.01 ) (87) WO2020/247420 (31) 62/856,380 (32) 03.06.19 (33) US (43) 10.12.2020 (72) MOSS, Sarah; HOYING, James; STROBEL, Hannah (74) James &amp; Wells Intellectual Property</p>
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treatment  
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globulin fusions  
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taste  
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taste  
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(51) Int. Cl.  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(54)** Method for purifying Fc region-modified antibody  
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**A01N 25/28** ( 2006.01 )  
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**(51)** Int. Cl.  
**F24F 3/044** ( 2006.01 )  
**F24F 11/74** ( 2018.01 )  
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**B60R 5/04** ( 2006.01 )  
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**A61K 31/4439** ( 2006.01 )  
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**(54)** Method for preparing biodegradable microcapsules and microcapsules obtained in this manner  
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**B01J 13/18** ( 2006.01 )  
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**A61K 8/11** ( 2006.01 )  
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**C09B 67/02** ( 2006.01 )  
**C09D 11/00** ( 2014.01 )  
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**H01H 33/56** ( 2006.01 )  
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**(51)** Int. Cl.  
**G09F 1/06** ( 2006.01 )  
**A47G 1/06** ( 2006.01 )  
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**(54)** Model-based featurization and classification  
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**C12Q 1/6886** ( 2018.01 )  
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**(51)** Int. Cl.  
**A01N 65/00** ( 2009.01 )  
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**H04W 24/10** ( 2009.01 )  
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 (51) Int. Cl.  
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**C07D 405/12** ( 2006.01 )  
**A61K 31/473** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 455/06** ( 2006.01 )  
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**A41D 27/20** ( 2006.01 )  
**A41D 1/00** ( 2018.01 )  
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 (51) Int. Cl.  
**A61B 5/25** ( 2021.01 )  
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**F16J 15/52** ( 2006.01 )  
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 (74) H & H Lawyers
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 (51) Int. Cl.  
**A61L 2/08** ( 2006.01 )  
**A61B 50/30** ( 2016.01 )  
**A61L 29/08** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
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 (21) 2020280047 (22) 21.05.2020  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
**A61F 5/441** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick
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**A61M 27/00** ( 2006.01 )  
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     H04L 29/08 ( 2006.01 )  
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 A61K 9/14 ( 2006.01 )  
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**A01N 25/04** ( 2006.01 )  
**A01N 25/08** ( 2006.01 )  
**A01P 21/00** ( 2006.01 )  
**C05F 11/08** ( 2006.01 )  
**C05G 3/00** ( 2020.01 )  
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**A61K 8/72** ( 2006.01 )  
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 A61P 3/00 ( 2006.01 )  
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**G01J 5/02** ( 2006.01 )  
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**A61L 27/00** ( 2006.01 )  
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**B64D 11/00** ( 2006.01 )  
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- (71)** Universitat Rovira i Virgili; Institució Catalana de Recerca i Estudis Avançats (ICREA)  
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**(21)** 2020269313 **(22)** 05.05.2020  
**(54)** Printing device and method  
**(51)** Int. Cl.  
**B29C 64/112** ( 2017.01 )  
**B29C 64/209** ( 2017.01 )  
**B33Y 10/00** ( 2015.01 )  
**B33Y 30/00** ( 2015.01 )  
**B41J 2/095** ( 2006.01 )  
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**(31)** 19382349.9 **(32)** 07.05.19 **(33)** EP  
**(43)** 12.11.2020  
**(72)** LIASHENKO, Ievgenii; CABOT CODINA, Andreu; ROSELL LLOMPART, Joan  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Universiteit Gent  
**(11)** AU-A-2020293557  
**(21)** 2020293557 **(22)** 09.06.2020  
**(54)** A neural network model for cochlear mechanics and processing  
**(51)** Int. Cl.  
**H04R 25/00** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
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**(74)** Griffith Hack
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- (71)** University of Iowa Research Foundation; Spirovant Sciences, Inc.  
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**(21)** 2020257182 **(22)** 15.04.2020  
**(54)** Methods and compositions for transgene expression  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**A61K 31/69** ( 2006.01 )  
**A61K 38/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
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**(31)** 62/833,979 **(32)** 15.04.19 **(33)** US  
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**(72)** ENGELHARDT, John F.; YAN, Ziyang; TANG, Yinghua; YUEN, Eric; LIN, Shen  
**(74)** FB Rice Pty Ltd
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- (71)** University of Iowa Research Foundation; Spirovant Sciences, Inc.  
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 (51) Int. Cl.  
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**C12N 15/86** ( 2006.01 )
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 (21) 2020284658 (22) 23.05.2020  
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- (71) Valli Zabban S.p.A.  
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**C10C 3/12** ( 2006.01 )  
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**E01C 19/10** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Membrane-based liquid filtration installation and method for producing drinking water therewith without post-mineralization  
 (51) Int. Cl.  
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 (72) SKELTON, Tyson J.  
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 (54) Constraining mechanisms for selective deployment and associated methods  
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- (54) An imaging system for superimposing at least two images and a related method  
 (51) Int. Cl.  
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 (74) Pipers Intellectual Property
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 (21) 2020290588 (22) 12.06.2020  
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 (51) Int. Cl.  
**H02G 3/14** ( 2006.01 )  
**H01R 13/52** ( 2006.01 )  
**H02B 1/38** ( 2006.01 )  
**H02B 1/44** ( 2006.01 )  
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 (51) Int. Cl.  
**G01S 17/02** ( 2020.01 )  
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Non-contact detection of electrical energy  
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**G01R 29/18** ( 2006.01 )  
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 (21) 2020274148 (22) 15.05.2020  
 (54) Non-contact electronic cigarette heater  
 (51) Int. Cl.  
**A24F 47/00** ( 2020.01 )  
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 (72) ZHU, Xiaohua; XIONG, Zhaorong; FU, Zengxue; YU, Xiangyi; LIU, Maoqi  
 (74) Remarkable IP
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- (71) Xiamen Fengtao Ceramics Co., Ltd  
 (11) AU-A-2020274773  
 (21) 2020274773 (22) 14.05.2020  
 (54) Non-contact electronic cigarette heater  
 (51) Int. Cl.  
**A24F 40/46** ( 2020.01 )  
**A24F 40/40** ( 2020.01 )  
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 (31) 201920703370.X (32) 16.05.19 (33) CN  
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 (72) ZHU, Xiaohua; XIONG, Zhaorong; FU, Zengxue; YU, Xiangyi; LIU, Maoqi  
 (74) Remarkable IP
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- (71) Xiamen Fengtao Ceramics Co., Ltd  
 (11) AU-A-2020276004  
 (21) 2020276004 (22) 14.05.2020  
 (54) Non-contact electronic cigarette heater  
 (51) Int. Cl.  
**A24F 47/00** ( 2020.01 )  
**A24F 40/40** ( 2020.01 )  
**A24F 40/46** ( 2020.01 )  
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 (72) ZHU, Xiaohua; XIONG, Zhaorong; FU, Zengxue; YU, Xiangyi; LIU, Maoqi  
 (74) Remarkable IP
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- (71) Xiamen Fengtao Ceramics Co., Ltd  
 (11) AU-A-2020276530  
 (21) 2020276530 (22) 14.05.2020  
 (54) Heating-air-type e-cigarette heater, ceramic heating body and preparation method therefor  
 (51) Int. Cl.  
**A24F 40/40** ( 2020.01 )  
**A24F 40/46** ( 2020.01 )  
**C04B 35/10** ( 2006.01 )  
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 (74) Remarkable IP
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- (71) Xiamen Fengtao Ceramics Co., Ltd  
 (11) AU-A-2020276566  
 (21) 2020276566 (22) 15.05.2020  
 (54) Non-contact e-cigarette heater  
 (51) Int. Cl.  
**A24F 40/46** ( 2020.01 )  
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 (74) Remarkable IP
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- (71) XIAMEN FENGTAO CERAMICS CO., LTD  
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 (54) Ceramic heating element and non-contact type electronic cigarette heater having same  
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**A24F 40/40** ( 2020.01 )  
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 (74) Remarkable IP
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 (54) Preparation of zinc zoledronate micro-nanoparticle adjuvant and use thereof as vaccine adjuvant  
 (51) Int. Cl.  
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 (11) AU-A-2020266898  
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*H01L 27/11524* ( 2017.01 )  
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*C04B 41/65* ( 2006.01 )  
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*C03B 23/03* ( 2006.01 )  
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 (54) Brush assemblies principally for automatic swimming pool cleaners  
 (51) Int. Cl.  
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 (72) BESNIER, Arnaud  
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*E04H 4/16* ( 2006.01 )  
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 (72) DALLET, Florent; DUFFAUT, Simon  
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 (54) Obstacle detection methods  
 (51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
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 (72) HANAN, Ethan  
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Numerical Index

2019290039	Correa Antunes, H.	2020261039	Sanofi
2019440195	Aitken Innovations Incorporated	2020261055	Battelle Memorial Institute
2019440405	Genex Health Co., Ltd	2020261094	Unique Fine Fabrics Import Inc.
2019440929	Daikin Industries, Ltd.	2020261363	DQ Holdings, LLC
2019442562	Qingdao University of Technology	2020261423	Board of Regents, The University of Texas System
2019443729	NTT DOCOMO, INC.	2020261431	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.; Zilberstein, M.E.
2019444430	Metso Outotec USA Inc.	2020261812	Daikin Industries, Ltd.
2019444627	Metso Outotec USA Inc.	2020262269	Soma Oil LLC
2019444736	Agrotitus - Locação e Comercio de Maquinas, LTDA	2020262312	Q2M2 ApS
2019445303	Stryker Corporation	2020262332	4C Design Limited; Meat & Livestock Australia Limited
2019445546	W. L. Gore & Associates, Inc.	2020262338	Tyco Fire Products LP
2019445562	HBI Branded Apparel Enterprises, LLC	2020262505	Battelle Memorial Institute
2019445653	W. L. Gore & Associates, Inc.	2020262934	Battelle Memorial Institute
2019445762	Novartis Pharmaceuticals Corporation	2020263747	Suntory Holdings Limited
2019445845	Fujitsu Limited	2020264032	Talga Technologies Limited
2019445976	W. L. Gore & Associates, Inc.	2020264443	Hubbell Incorporated
2019446198	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020264969	Eyepoint Pharmaceuticals, Inc.
2019446680	Sleep Smart Solutions GmbH	2020265027	MiRXES Lab Pte. Ltd.
2019446901	Eugster / Frismag AG	2020265342	KOBOTS ApS
2019447084	Sleep Smart Solutions GmbH	2020265447	Simplify Medical Pty Limited
2019447274	Emo Biomedicine Corp.	2020265775	Baffle, Inc.
2019447492	Tolerogenixx GmbH; Universität Heidelberg	2020266302	Semafone Limited
2019448769	Tyco Fire Products LP	2020266572	Pear Therapeutics, Inc.
2019449405	NTT DOCOMO, INC.	2020266714	KOBOTS ApS
2019451789	NTT DOCOMO, INC.	2020266898	Xinjiang Goldwind Science & Technology Co., Ltd.
2019456718	Electrolux Appliances Aktiebolag	2020266940	Huawei Technologies Co., Ltd.
2019460122	Halliburton Energy Services, Inc.	2020267576	Aligos Therapeutics, Inc.
2019462417	Nissin Electric Co., Ltd.	2020267592	ARQ IP Limited
2019464174	Yangtze Memory Technologies Co., Ltd.	2020267594	Baxter International Inc.; Baxter Healthcare SA
2019465141	Rodriguez Ríos, B.; López Gómez, M.	2020267648	Craig, F.
2020251185	Yara International ASA	2020267650	GYRUS ACMI, INC., d/b/a Olympus Surgical Technologies America
2020252269	Carmentix Pte. Ltd.; The University of Melbourne	2020267680	Solar Dynamics, LLC
2020256635	Expon Industries Pty Ltd	2020267770	80 Acres Urban Agriculture Inc.
2020256639	Element AI Inc.	2020267957	WildGate Consultancy Solutions Limited
2020256646	Xiamen Innovax Biotech Co., Ltd.; Xiamen University	2020268320	Eidsmore, P.
2020256662	Beijing Chengshi Wanglin Information Technology Co., Ltd.	2020268426	W.L. Gore & Associates, Inc.
2020256745	Ambartsoomian, G.	2020268684	Merus N.V.
2020257182	University of Iowa Research Foundation; Spirovant Sciences, Inc.	2020268720	Caterpillar Inc.
2020257261	ReShape Lifesciences, Inc.	2020268813	Meso Scale Technologies, LLC.
2020257398	Poly-Med, Inc.	2020268862	Brilliant Ideas Ltd
2020257610	FLSmidth A/S	2020268933	GenFleet Therapeutics (Shanghai) Inc.; Zhejiang GenFleet Therapeutics Co., Ltd.
2020257829	Pasco Ventures LLC	2020268959	Specific Biologics Inc.; The University of Western Ontario (Genomics)
2020257864	Stora Enso Oyj	2020268973	Valli Zabban S.p.A.
2020257890	Bristol-Myers Squibb Company	2020269286	Marel Meat B.V.
2020258066	Stryker European Operations Limited	2020269313	Universitat Rovira i Virgili; Institució Catalana de Recerca i Estudis Avançats (ICREA)
2020258067	Fidia Farmaceutici S.p.A.	2020269469	QiLu Regor Therapeutics Inc.
2020258187	Daikin Industries, Ltd.	2020269603	Badger Meter, Inc.
2020258722	Daikin Industries, Ltd.	2020269760	Aroa Biosurgery Limited
2020259128	Chiesi Farmaceutici S.p.A.	2020269821	NanoEMI sp.z o.o.; Politechnika Warszawska
2020259205	Teixido, A.	2020270120	Astura Medical Inc.
2020259398	Saipem S.p.A.	2020270771	LG Electronics Inc.
2020259449	Aadigen, LLC	2020270867	LG Electronics Inc.
2020259548	EdiGene Inc.; Peking University	2020270985	R.P. Scherer Technologies, LLC; Biohaven Pharmaceutical Holding Company Ltd.
2020259726	Newron Pharmaceuticals S.p.A.	2020271132	Stryker Corporation
2020259880	Daikin Industries, Ltd.	2020271141	Aero Innovations LLC
2020259881	Daikin Industries, Ltd.	2020271280	ADD Advanced Drug Delivery Technologies Ltd.
2020260027	The Boeing Company; Washington State University	2020272040	The Regents of the University of Colorado, a Body Corporate; MacLean, K.; Van Hove, J.; Jiang, H.; Swanson, M.
2020260076	University of Iowa Research Foundation; Spirovant Sciences, Inc.	2020272059	R.P. Scherer Technologies, LLC
2020260132	Septum Solutions, LLC	2020272128	Setpoint Medical Corporation
2020260273	Concrete Data Sensors Pty Ltd	2020272151	ADD Advanced Drug Delivery Technologies Ltd.
2020260356	Laboratoires Vivacy		
2020260629	Betta Pharmaceuticals Co., Ltd		
2020260931	LG Chem, Ltd.		
2020261005	Eolo Medical Inc.		

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2020272163	Perlemax Limited	2020276121	CNCure Biotech Inc.
2020272241	Snow, S.	2020276198	SecurityMetrics, Inc.
2020272557	Freeline Therapeutics Limited	2020276277	Chemocentryx, Inc.
2020272954	Urbx, Inc.	2020276294	Know Biological, Inc.; National Technology & Engineering Solutions of Sandia, LLC
2020272975	MAKO Surgical Corp.		Hubbell Incorporated
2020272981	Veisto Oy	2020276295	Hubbell Incorporated
2020273022	DePuy Synthes Products, Inc.	2020276402	Rabhi, V.
2020273023	Stryker European Operations Limited	2020276518	The Chinese University of Hong Kong
2020273072	Chugai Seiyaku Kabushiki Kaisha	2020276530	Xiamen Fengtao Ceramics Co., Ltd
2020273201	Visual Oxy, S.L.	2020276566	Xiamen Fengtao Ceramics Co., Ltd
2020273449	DAP Products, Inc	2020276595	Scynexis, Inc.
2020273485	Macrebur Limited	2020276598	Bostik, Inc.
2020273500	PLENESYS	2020276612	Hubbell Incorporated
2020273506	Unilever PLC	2020276632	TRIMET Aluminium SE
2020273529	XIAMEN FENGTAO CERAMICS CO., LTD	2020276670	4D Pharma Research Limited
2020273666	Johnson & Johnson Vision Care, Inc.	2020276703	AptaTargets, S.L.
2020273675	Johnson & Johnson Vision Care, Inc.	2020276716	VBKAM
2020273955	Jafarzadeh, M.	2020276735	Marechal Electric
2020273956	SKF Australia Pty Ltd	2020277027	PTC Therapeutics, Inc.
2020273971	Trinity Highway Products LLC	2020277304	Pavmed Inc.
2020274007	Google LLC	2020277398	Amgen Inc.
2020274091	Tempus Labs, Inc.	2020277416	NxStage Medical, Inc.
2020274108	Fortruss, LLC	2020277469	Hollister Incorporated
2020274148	Xiamen Fengtao Ceramics Co., Ltd	2020277500	NxStage Medical, Inc.
2020274162	80 Acres Urban Agriculture, Inc.	2020277641	4basebio SI
2020274186	The Scripps Research Institute	2020277774	Thankstem S.r.l.
2020274226	Meyer Burger (Germany) GmbH	2020277881	Kaken Pharmaceutical Co., Ltd.; Brickell Biotech, Inc.
2020274229	Naval Group	2020277930	Eyebio Korea
2020274348	Grail, Inc.	2020278208	Goodpack IBC (Singapore) Pte Ltd.
2020274394	Solartag APS	2020278408	serafini, P.A.
2020274525	Bayer CropScience LP	2020278465	Massachusetts Institute of Technology; Dana-Farber Cancer Institute, Inc.
2020274535	Commonwealth Scientific and Industrial Research Organisation; The University of Queensland	2020278662	Transform Materials LLC
2020274537	Husky Injection Molding Systems Ltd.	2020278853	Sogang University Research Business Development Foundation; i-SENS, Inc.
2020274540	Spiderwort Inc.		Myota, Inc.
2020274563	Shanghai Polaris Biology Co., Ltd.	2020279052	Avery Dennison Retail Information Services, LLC
2020274564	Novartis AG	2020279083	DRESSFRESH, Inc.
2020274614	Paul Hartmann AG	2020279087	The Johns Hopkins University
2020274632	Janssen Biotech, Inc.	2020279106	Regeneron Pharmaceuticals, Inc.
2020274637	Johnson & Johnson Consumer Inc.	2020279380	Esperovax Inc.
2020274717	Spiderwort Inc.; University of Ottawa	2020279381	The University of North Carolina at Chapel Hill
2020274773	Xiamen Fengtao Ceramics Co., Ltd	2020279387	Regeneron Pharmaceuticals, Inc.
2020274825	Telefonaktiebolaget LM Ericsson (Publ)	2020279471	Board of Regents, The University of Texas System
2020274837	Rothenberger AG	2020279478	Citrix Systems, Inc.
2020274853	Optimed Medizinische Instrumente GmbH	2020279584	Merck Sharp & Dohme Corp.
2020274967	Targus International LLC	2020280024	Amgen Inc.
2020274979	DryShield, LLC	2020280047	Hollister Incorporated
2020274981	NuVasive, Inc.	2020280509	Mitsubishi Estate Co., Ltd.
2020275000	Obstetrx, Inc.	2020280669	Siemens Energy Global GmbH & Co. KG
2020275069	Unilever IP Holdings B.V.	2020280767	Knorr-Bremse Systeme für Schienenfahrzeuge GmbH
2020275083	Naval Group	2020280970	H. Lundbeck A/S
2020275094	Brill Engines, S.L.	2020281687	Veolia Water Solutions & Technologies Support
2020275111	Eggli, S.	2020281843	Sika Technology AG
2020275115	ADAPTAS SOLUTIONS PTY LTD	2020282521	Caterpillar Sarl
2020275238	Milestone Scientific, Inc.	2020282713	Advanced Solutions Visual Collaboration Systems, LLC
2020275348	Chugai Seiyaku Kabushiki Kaisha	2020282748	Celgene Corporation
2020275363	Korea Food Research Institute	2020282791	ALX Oncology Inc.
2020275381	Caterpillar Inc.	2020282814	Becton, Dickinson and Company
2020275409	Heartbeam, Inc.	2020282847	Nippon Steel Corporation
2020275424	Schlumberger Technology B.V.	2020283650	Yazaki Energy System Corporation
2020275455	Janssen Vaccines & Prevention B.V.	2020283744	Biotheryx, Inc.
2020275694	Caterpillar Inc.	2020283823	MTD PRODUCTS INC
2020275745	Quantum Innovation Australia Pty Ltd	2020284151	Kverneland Group Ravenna S.r.l.
2020275768	Cel-Sci Corporation	2020284603	Zodiac Pool Care Europe
2020275774	Align Technology, Inc.	2020284606	Chong Kun Dang Pharmaceutical Corp.
2020275776	The Trustees of the University of Pennsylvania	2020284658	UPL Limited
2020275792	The Regents of the University of California; Scribe Biosciences, Inc.	2020284716	Goodall, M.D.
2020275917	Gem Innov; Universite D'Aix Marseille; Centre National de la Recherche Scientifique	2020285024	NEC Platforms, Ltd.
2020276004	Xiamen Fengtao Ceramics Co., Ltd	2020285522	Raytheon Company
2020276117	Memorial Sloan-Kettering Cancer Center	2020285614	Tyco Fire Products LP
		2020285671	Kverneland Group Ravenna S.r.l.



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2020286490	X Development LLC	2020432665	Jinan Meide Casting Co., Ltd.
2020286513	Edwards Lifesciences Corporation	2020439080	Liang, C.
2020286677	Thirty Holdings Limited	2020440028	Henan Longcheng Coal High Efficiency Technology Ap- plication Co., Ltd.
2020287090	Pegasus Solar, Inc.	2020445198	Koyo Giken Inc.
2020287322	Eastman Performance Films, LLC	2021210663	Kverneland Group Ravenna S.r.l.
2020287343	Southern Research Institute	2021211348	Alteogen, Inc
2020287867	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2021214309	Asahi Group Holdings, Ltd.
2020288141	Hollister Incorporated	2021217008	Fenix Group, Inc.
2020288203	Automatic Technology (Australia) Pty Ltd	2021232687	King, P.J.; Lo, C.Y.
2020288408	Alcon Inc.	2021244278	Tencent America LLC
2020288565	Google LLC	2021246513	Carnival Corporation
2020288631	Revolution Medicines, Inc.	2021249948	Cosmed Pharmaceutical Co., Ltd.
2020288650	Likarda, LLC	2021250950	Lincoln University
2020288736	Symborg, SL	2021253796	Pfizer Inc.
2020289048	Merck Sharp & Dohme Corp.	2021255319	Huawei Digital Power Technologies Co., Ltd.
2020289131	Holz Industries Pty Ltd	2021257907	Tencent America LLC
2020289213	General Electric Technology GmbH	2021257953	Tencent America LLC
2020289465	Arcus Biosciences, Inc.	2021261902	Ecograf Limited
2020289525	Advanced Solutions Life Sciences, LLC		
2020289995	UMC Utrecht Holding B.V.; SentryX B.V.; BO-IP B.V.		
2020290434	LivePerson, Inc.		
2020290470	LivePerson, Inc.		
2020290588	Woodside Energy Technologies Pty Ltd		
2020290980	Woolpert, Inc.		
2020291674	The Procter & Gamble Company		
2020291753	The Procter & Gamble Company		
2020292274	Hollister Incorporated		
2020292464	Shanghai Polaris Biology Co., Ltd.		
2020292655	The Procter & Gamble Company		
2020293557	Universiteit Gent		
2020294893	Oncology Venture ApS		
2020295019	Fonterra Co-Operative Group Limited		
2020295622	Steiner AG Weggis		
2020295979	Eli Lilly and Company		
2020296735	China Mobile Communication Co., Ltd Research Insti- tute; China Mobile Communications Group Co., Ltd.		
2020297660	Botanix Pharmaceuticals Limited		
2020299019	Paramevia Pte. Ltd.; Mediott Co., Ltd.		
2020299134	ExxonMobil Research and Engineering Company		
2020299705	UCB Biopharma SRL		
2020299807	Wireman Pty Limited		
2020300066	Everseen Limited		
2020301500	Purac Biochem B.V.		
2020303986	Amgen Inc.		
2020307226	Nanexa AB		
2020307328	Alcon Inc.		
2020307330	Alcon Inc.		
2020309045	Zodiac Pool Systems LLC		
2020309071	Ecolab USA Inc.		
2020309202	The Francis Crick Institute Limited; Enara Bio Limited		
2020310493	Société des Produits Nestlé S.A.		
2020310494	Société des Produits Nestlé S.A.		
2020310496	Société des Produits Nestlé S.A.		
2020310808	Safekick Americas LLC		
2020310851	Amgen Inc.		
2020311642	Asahi Group Holdings, Ltd.		
2020311869	Liqui-Box Corporation		
2020311927	Ohio State Innovation Foundation; The University of North Carolina at Chapel Hill; Washington University		
2020312230	The Francis Crick Institute Limited; Enara Bio Limited		
2020312844	Zodiac Pool Care Europe		
2020315413	Greening Be Gone, LLC		
2020322623	Bühler AG		
2020349590	Middleton Medical Innovations Pty Ltd		
2020354886	Citrix Systems, Inc.		
2020364759	Asahi Group Holdings, Ltd.		
2020389192	Middleton Medical Innovations Pty Ltd		
2020390375	BOE Technology Group Co., Ltd.; Chengdu BOE Opto- electronics Technology Co., Ltd.		
2020421709	Hilo Innovations, LLC		
2020431251	LG Energy Solution, Ltd.		

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<b><u>A01B 13 /-</u></b> 2019444736	<b><u>A01N 59 /-</u></b> 2020315413	<b><u>A24F 40 /-</u></b> 2020273529 2020274773 2020276004 2020276530 2020276566	<b><u>A61B 1 /-</u></b> 2020273201 2020274979	<b><u>A61C 7 /-</u></b> 2020275774	2020274186 2020274563 2020274564 2020276277 2020276595 2020276703 2020277027 2020277398 2020277881 2020278465 2020279954 2020280024 2020280970 2020282748 2020283744 2020284606 2020287343 2020288631 2020289465 2020289995 2020295979 2020297660 2020299705 2020310493 2020310494 2020310496 2021253796
<b><u>A01B 33 /-</u></b> 2019444736	<b><u>A01N 63 /-</u></b> 2020288736		<b><u>A61B 10 /-</u></b> 2020271132	<b><u>A61C 9 /-</u></b> 2020275774	
<b><u>A01B 45 /-</u></b> 2020283823	<b><u>A01N 65 /-</u></b> 2020315413	<b><u>A24F 47 /-</u></b> 2020273529 2020274148 2020276004	<b><u>A61B 17 /-</u></b> 2020261005 2020261363 2020265447 2020268426 2020270120 2020272975 2020273023 2020275000 2020275111 2020277304 2020287867	<b><u>A61F 13 /-</u></b> 2020269760 2020274614 2020275000	
<b><u>A01B 71 /-</u></b> 2019444736	<b><u>A01P 1 /-</u></b> 2020315413	<b><u>A41D 1 /-</u></b> 2019445562		<b><u>A61F 2 /-</u></b> 2019445546 2019445653 2019445976 2020257398 2020258066 2020265447 2020274853 2020277304 2020286513 2020289525 2020307328 2020307330 2020421709	
<b><u>A01D 34 /-</u></b> 2020283823	<b><u>A01P 21 /-</u></b> 2020288736	<b><u>A41D 27 /-</u></b> 2019445562			
<b><u>A01F 15 /-</u></b> 2020285671 2021210663	<b><u>A22B 5 /-</u></b> 2020269286	<b><u>A45C 11 /-</u></b> 2020274967	<b><u>A61B 18 /-</u></b> 2020267650		
<b><u>A01F 25 /-</u></b> 2020284151	<b><u>A23C 13 /-</u></b> 2020295019	<b><u>A45C 13 /-</u></b> 2020274967	<b><u>A61B 34 /-</u></b> 2020272975 2020274981		
<b><u>A01F 29 /-</u></b> 2020284151	<b><u>A23C 9 /-</u></b> 2020295019	<b><u>A45C 15 /-</u></b> 2020274967	<b><u>A61B 35 /-</u></b> 2020275409 2020275745 2020276294 2020278853 2020299019 2020311927	<b><u>A61F 5 /-</u></b> 2020257261 2020260132 2020288141	<b><u>A61K 33 /-</u></b> 2020272040 2020286677 2020310494
<b><u>A01G 3 /-</u></b> 2020274837	<b><u>A23G 3 /-</u></b> 2020301500	<b><u>A45F 5 /-</u></b> 2020274967			<b><u>A61K 35 /-</u></b> 2019447274 2019447492 2020275363 2020276670 2020277774
<b><u>A01G 31 /-</u></b> 2020267770 2020274162	<b><u>A23L 13 /-</u></b> 2020274717	<b><u>A46B 13 /-</u></b> 2020284603	<b><u>A61B 50 /-</u></b> 2020271132 2020277469	<b><u>A61F 9 /-</u></b> 2020275094 2020288408	
<b><u>A01G 7 /-</u></b> 2020274162	<b><u>A23L 17 /-</u></b> 2020274717	<b><u>A47C 23 /-</u></b> 2019446680 2019447084		<b><u>A61G 13 /-</u></b> 2020274108	<b><u>A61K 36 /-</u></b> 2020262269 2020310494 2020310496 2020439080
<b><u>A01G 9 /-</u></b> 2020267770 2020274162	<b><u>A23L 2 /-</u></b> 2020263747 2020311642 2020364759 2021214309	<b><u>A47C 27 /-</u></b> 2019446680 2019447084	<b><u>A61B 6 /-</u></b> 2020299019	<b><u>A61J 1 /-</u></b> 2020262332	
<b><u>A01N 25 /-</u></b> 2020274535 2020275917 2020284658 2020288736	<b><u>A23L 27 /-</u></b> 2020301500	<b><u>A47G 1 /-</u></b> 2020284716	<b><u>A61B 8 /-</u></b> 2020275745	<b><u>A61J 7 /-</u></b> 2020272241	<b><u>A61K 38 /-</u></b> 2020257182 2020260931 2020268959 2020270985 2020272059 2020275768 2020277930 2020289048 2020303986 2020309202 2020310493 2020310494 2021211348
<b><u>A01N 37 /-</u></b> 2020284658	<b><u>A23L 29 /-</u></b> 2020274717	<b><u>A47H 1 /-</u></b> 2020261094	<b><u>A61B 90 /-</u></b> 2020272975 2020274981	<b><u>A61K 31 /-</u></b> 2019445762 2019447492 2020257182 2020257890 2020258067 2020259128 2020259548 2020260629 2020261423 2020263747 2020264969 2020267576 2020268933 2020269469 2020270985 2020272040 2020272151	<b><u>A61K 39 /-</u></b> 2020256646 2020261039 2020261431 2020275455
<b><u>A01N 43 /-</u></b> 2020284658	<b><u>A23L 33 /-</u></b> 2020263747 2020274717 2020275363 2020277930 2020310494 2020310496	<b><u>A47J 31 /-</u></b> 2019446901 2020295622	<b><u>A61C 1 /-</u></b> 2020273023		
<b><u>A01N 47 /-</u></b> 2020284658	<b><u>A23L 9 /-</u></b> 2020295019	<b><u>A47K 3 /-</u></b> 2020256635	<b><u>A61C 15 /-</u></b> 2020259205		
		<b><u>A47L 15 /-</u></b> 2019456718	<b><u>A61C 17 /-</u></b> 2020274979		

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2020275768	<b><u>A61L 17 /-</u></b>	2020272128	2020272040	<b><u>A61Q 13 /-</u></b>	<b><u>B01L 3 /-</u></b>
2020279381		2020293557	2020274186		
2020282791	2020268426	2020311927	2020274564	2020439080	2020275792
2020289048			2020284606	<b><u>A61Q 19 /-</u></b>	<b><u>B02C 21 /-</u></b>
2020303986	<b><u>A61L 2 /-</u></b>	<b><u>A61P 1 /-</u></b>	2020295979		2020262269
2020309202		2020260931		2020260356	
2020312230	2020277469	2020275363	<b><u>A61P 31 /-</u></b>	2020277930	
	2020279087	2020291753		2020439080	<b><u>B02C 4 /-</u></b>
<b><u>A61K 45 /-</u></b>	<b><u>A61L 24 /-</u></b>	<b><u>A61P 11 /-</u></b>	2020275455	<b><u>A62B 1 /-</u></b>	2019444430
			2020276595		2019444627
2020261423	2020275000	2020274564	2020284606	2020268862	2020257610
2020263747	2020276598	2020283744	2020286677	<b><u>A62C 3 /-</u></b>	
2021211348		2020286677	2020289048		<b><u>B03D 1 /-</u></b>
<b><u>A61K 47 /-</u></b>	<b><u>A61L 27 /-</u></b>		2020297660	2020431251	<b><u>B03D 1 /-</u></b>
		<b><u>A61P 13 /-</u></b>	2021253796		2020257610
2020258067	2020260356		<b><u>A61P 35 /-</u></b>	<b><u>A62C 35 /-</u></b>	2020272163
2020259128	2020274540	2020295979			
2020259449	2020274717		2020257182	2019448769	<b><u>B05B 1 /-</u></b>
2020260931	2020288650	<b><u>A61P 17 /-</u></b>	2020260629		
2020263747	2020289525		2020261039	<b><u>A62C 37 /-</u></b>	2020275094
2020270985	2020289995	2020274564	2020261423	2019448769	<b><u>B05B 7 /-</u></b>
2020272059		2020277881	2020268933		
2020274535	<b><u>A61L 29 /-</u></b>	2020286677	2020269469	<b><u>A62D 1 /-</u></b>	2020275094
2020274540	2020277469	2020439080	2020276121		
2020274717		<b><u>A61P 19 /-</u></b>	2020277398	2020262338	<b><u>B07B 7 /-</u></b>
2020288650	<b><u>A61L 9 /-</u></b>		2020278465	<b><u>A63B 24 /-</u></b>	2020257610
2020289048		2020258067	2020280024		
2020289995	2020279087	2020261431	2020282791	2020276716	<b><u>B21D 53 /-</u></b>
2020307226		2020275768	2020283744	<b><u>A63B 35 /-</u></b>	2020267680
<b><u>A61K 48 /-</u></b>	<b><u>A61M 1 /-</u></b>	2020289995	2020288631		
		<b><u>A61P 21 /-</u></b>	2020303986	2020273955	<b><u>B23D 45 /-</u></b>
2020257182	2019445303		2021211348		2020265342
2020259449	2020269760	<b><u>A61P 23 /-</u></b>		<b><u>B01D 11 /-</u></b>	<b><u>B23D 47 /-</u></b>
2020260076	2020271132		<b><u>A61P 37 /-</u></b>		2020265342
2020276121	2020277416	2020276703		<b><u>A63B 71 /-</u></b>	
2020279387	2020277500	2020310493	2019447274		<b><u>B23D 47 /-</u></b>
<b><u>A61K 49 /-</u></b>	<b><u>A61M 25 /-</u></b>	2020310494	2019447492	2020267648	2020265342
		2020310496	2020256646	2020276716	
2020276121	2020275238	<b><u>A61P 25 /-</u></b>	2020261431		<b><u>B23D 47 /-</u></b>
	2020277304		2020268933	<b><u>B01D 11 /-</u></b>	2020265342
<b><u>A61K 8 /-</u></b>	2020277469	2020289995	2020289048		<b><u>B23K 10 /-</u></b>
	2020280047	<b><u>A61P 25 /-</u></b>		2020274540	
2020260356	2020292274		<b><u>A61P 39 /-</u></b>	2020274717	2020273500
2020275917	2020349590	2020274186			<b><u>B23K 11 /-</u></b>
2020277930	2020389192	2020276670	<b><u>A61P 43 /-</u></b>	<b><u>B01D 47 /-</u></b>	<b><u>B23K 11 /-</u></b>
2020291674		2020276703			2020445198
2020291753	<b><u>A61M 27 /-</u></b>	2020277027	2020263747	2020268973	
2020292655		2020279387	2020274186	<b><u>B01D 53 /-</u></b>	<b><u>B23K 26 /-</u></b>
2020439080	2020292274	2020280970	2020277881		
<b><u>A61K 9 /-</u></b>	<b><u>A61M 31 /-</u></b>	2020283744	2020279387	2020268973	2019442562
		2020284606	2020310851	2020278662	
2020258067	2020260132	2020299705	<b><u>A61P 5 /-</u></b>	<b><u>B01D 61 /-</u></b>	<b><u>B23P 15 /-</u></b>
2020259128	2020272241	2020310851			2019442562
2020263747	<b><u>A61M 37 /-</u></b>	<b><u>A61P 27 /-</u></b>	2020267576	2020281687	<b><u>B24B 9 /-</u></b>
2020268959					
2020270985	2021249948	2020264969	<b><u>A61P 9 /-</u></b>	<b><u>B01D 63 /-</u></b>	2020273666
2020271280		<b><u>A61P 29 /-</u></b>			
2020272059	<b><u>A61M 39 /-</u></b>		2019445762	2020281687	<b><u>B24D 11 /-</u></b>
2020272151		2020261431	2020276703		
2020274535	2020267594	2020274564	2020286677	<b><u>B01J 13 /-</u></b>	2020273666
2020274717		2020275768	2020295979		
2020275917	<b><u>A61M 5 /-</u></b>	2020277930	<b><u>A61Q 11 /-</u></b>	2020275917	<b><u>B26B 13 /-</u></b>
2020297660		2020439080		<b><u>B01J 20 /-</u></b>	2020274837
2020307226	2020267594	<b><u>A61P 3 /-</u></b>	2020291674		
<b><u>A61L 15 /-</u></b>	2020275238		2020291753	2020299134	<b><u>B26D 3 /-</u></b>
	2020282814	2020260931	2020292655	<b><u>B01J 3 /-</u></b>	
2020275000	<b><u>A61N 1 /-</u></b>	2020263747			2020274837
				2020262269	
	2020257261				

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<b><u>B27B 25 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>C03B 23 /-</u></b>	<b><u>C07D 215 /-</u></b>	2020261423 2020269469 2020274564 2020277398 2020280024
2020272981	2020268320 2020282521	2020274537	2020283650	2020274186	
<b><u>B27B 31 /-</u></b>	<b><u>B60R 19 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>C04B 111 /-</u></b>	<b><u>C07D 231 /-</u></b>	<b><u>C07D 487 /-</u></b>
2020272981	2020273971	2020256745	2020281843	2020268933	2020277027
<b><u>B27B 5 /-</u></b>	<b><u>B60R 5 /-</u></b>	<b><u>B65D 55 /-</u></b>	<b><u>C04B 26 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 491 /-</u></b>
2020265342	2020268320	2020274537	2020281843	2020257890	2020288631
<b><u>B28B 19 /-</u></b>	<b><u>B60R 9 /-</u></b>	<b><u>B65D 63 /-</u></b>	<b><u>C04B 28 /-</u></b>	<b><u>C07D 247 /-</u></b>	<b><u>C07D 495 /-</u></b>
2020256635	2020289131	2020274229	2020281843	2020276277	2020283744
<b><u>B29C 35 /-</u></b>	<b><u>B60T 13 /-</u></b>	<b><u>B65D 77 /-</u></b>	<b><u>C04B 35 /-</u></b>	<b><u>C07D 249 /-</u></b>	<b><u>C07F 1 /-</u></b>
2020284716	2020280767	2020311869	2020276530	2020257890	2020279478
<b><u>B29C 45 /-</u></b>	<b><u>B60T 17 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C04B 41 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07F 5 /-</u></b>
2020256635	2020280767	2020275094	2020251185	2020274186	2020278465
<b><u>B29C 48 /-</u></b>	<b><u>B60T 7 /-</u></b>	<b><u>B65D 88 /-</u></b>	<b><u>C05F 11 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07F 9 /-</u></b>
2020299807	2020280767	2020278208	2020288736	2020257864	2021253796
<b><u>B29C 51 /-</u></b>	<b><u>B60T 8 /-</u></b>	<b><u>B65D 90 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07D 311 /-</u></b>	<b><u>C07K 1 /-</u></b>
2020284716	2020280767	2020278208	2020288736	2020262269	2020273072 2020279380
<b><u>B29C 64 /-</u></b>	<b><u>B61H 1 /-</u></b>	<b><u>B65G 1 /-</u></b>	<b><u>C07C 1 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07K 14 /-</u></b>
2020269313	2020280767	2020272954	2020257890	2020257890 2020261423 2020267576 2020269469 2020277027 2020279954 2020282748 2020283744 2020289465 2020295979 2020299705	2020260931 2020274525 2020276117 2020282791 2020310851 2020312230
<b><u>B32B 13 /-</u></b>	<b><u>B62D 21 /-</u></b>	<b><u>B65G 39 /-</u></b>	<b><u>C07C 213 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07K 16 /-</u></b>
2020273449	2020273971	2020273956	2020259726	2020261423 2020267576 2020279954 2020282748 2020295979	2020261039 2020261431 2020268684 2020273072 2020274563 2020275348 2020276117 2020279380 2020279471 2020282791 2020310851
<b><u>B32B 3 /-</u></b>	<b><u>B63C 11 /-</u></b>	<b><u>B65G 67 /-</u></b>	<b><u>C07C 231 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07K 19 /-</u></b>
2020273449	2020273955	2020322623	2020259726	2020280970	2020310851
<b><u>B32B 7 /-</u></b>	<b><u>B64D 11 /-</u></b>	<b><u>B65G 69 /-</u></b>	<b><u>C07C 237 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 7 /-</u></b>
2020273449	2020273506 2020275069	2020268320	2020259726	2020261423 2020277027 2020284606	2020259449 2020275768 2020277930
<b><u>B33Y 10 /-</u></b>	<b><u>B64D 27 /-</u></b>	<b><u>B66C 23 /-</u></b>	<b><u>C07C 25 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C08B 37 /-</u></b>
2020269313	2020273971	2020322623	2020276277	2020277027	2020260356
<b><u>B33Y 30 /-</u></b>	<b><u>B65B 3 /-</u></b>	<b><u>B67D 3 /-</u></b>	<b><u>C07C 253 /-</u></b>	<b><u>C07D 455 /-</u></b>	<b><u>C08J 3 /-</u></b>
2020269313	2020271141	2020311869	2020259726	2020280970	2020260356
<b><u>B33Y 80 /-</u></b>	<b><u>B65C 5 /-</u></b>	<b><u>C01B 21 /-</u></b>	<b><u>C07C 31 /-</u></b>	<b><u>C07D 471 /-</u></b>	
2020274717	2020277416	2020286677	2020262338	2020260629	
<b><u>B41J 2 /-</u></b>	<b><u>B65D 17 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07C 33 /-</u></b>		
2020269313	2020256745	2020269821 2021261902	2020262338		
<b><u>B60B 15 /-</u></b>	<b><u>B65D 25 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C07C 51 /-</u></b>		
2020283823	2020311869	2020281687	2020262338		
<b><u>B60B 17 /-</u></b>	<b><u>B65D 33 /-</u></b>	<b><u>C02F 103 /-</u></b>	<b><u>C07D 207 /-</u></b>		
2020282847	2020256745 2020311869	2020281687	2020277881		
<b><u>B60L 53 /-</u></b>	<b><u>C03B 11 /-</u></b>	<b><u>C03B 11 /-</u></b>	<b><u>C07D 213 /-</u></b>		
2020276735	2020311869	2020283650	2020257890		

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2020274717 2020288650	<b>C10B 53 /-</b>	<b>C12P 19 /-</b>	<b>E01F 15 /-</b>	<b>E05F 15 /-</b>	<b>F16C 35 /-</b>
<b>C08J 5 /-</b>	2020267592	2020277641	2020273971	2020288203	2020273956
2020274540 2020274717	<b>C10B 55 /-</b>	<b>C12Q 1 /-</b>	<b>E02F 9 /-</b>	<b>E21B 21 /-</b>	<b>F16H 35 /-</b>
<b>C08K 5 /-</b>	2020267592	2019440405	2020268720	2020310808	2020288203
2020275424	<b>C10C 3 /-</b>	2020265027	2020275381	<b>E21B 33 /-</b>	<b>F16H 7 /-</b>
<b>C08L 1 /-</b>	2020268973	2020268813	2020275694	2019460122	2020288203
2020274717	<b>C10G 1 /-</b>	2020274348	<b>E04B 1 /-</b>	<b>E21B 47 /-</b>	<b>F16J 15 /-</b>
<b>C08L 27 /-</b>	2020267592	2020276121	2019440195	2019460122	2020440028
2020273485	<b>C11D 1 /-</b>	2020276518	2020267680	<b>E21B 49 /-</b>	<b>F16L 21 /-</b>
<b>C08L 33 /-</b>	2020309071	2020279106	2020280509	2020259398	2020432665
2020275424	<b>C11D 11 /-</b>	2020288736	<b>E04C 3 /-</b>	<b>F01D 25 /-</b>	<b>F16L 3 /-</b>
<b>C08L 79 /-</b>	2020309071	<b>C23C 16 /-</b>	2019440195	2020271141	2020272981
2020275424	<b>C11D 3 /-</b>	2020307226	<b>E04D 1 /-</b>	<b>F02B 19 /-</b>	<b>F16L 57 /-</b>
<b>C08L 95 /-</b>	2020275917	<b>C23F 11 /-</b>	2020274394	2020276402	2020272981
2020273485	2020309071	2020251185	<b>E04D 13 /-</b>	<b>F02D 37 /-</b>	<b>F21V 29 /-</b>
<b>C09B 67 /-</b>	<b>C12N 1 /-</b>	<b>D04B 21 /-</b>	2020287090	2020276402	2020276295
2020275917	2020274540	2019445546	<b>E04D 3 /-</b>	<b>F02M 51 /-</b>	<b>F21V 33 /-</b>
<b>C09C 1 /-</b>	2020274717	2019445653	2020274394	2020276402	2020276295
2020264032	2020275363	2019445976	<b>E04F 10 /-</b>	<b>F02M 57 /-</b>	<b>F21V 5 /-</b>
<b>C09C 3 /-</b>	2020288736	<b>D04H 1 /-</b>	2020289131	2020276402	2020276612
2020264032	<b>C12N 11 /-</b>	2020273022	<b>E04F 13 /-</b>	<b>F02P 13 /-</b>	<b>F21V 7 /-</b>
<b>C09D 11 /-</b>	2020268959	<b>D06F 33 /-</b>	2020256635	2020276402	2020276295
2020275917	<b>C12N 15 /-</b>	2020270771	2020273449	<b>F02P 15 /-</b>	2020276612
<b>C09D 163 /-</b>	2020257182	<b>D06F 37 /-</b>	<b>E04F 15 /-</b>	2020276402	<b>F21V 9 /-</b>
2020264032	2020259449	2020270771	2020256635	<b>F03B 13 /-</b>	2020276295
<b>C09D 5 /-</b>	2020259548	<b>D06F 39 /-</b>	2020273449	2019290039	2020276612
2020274563	2020260076	2019456718	<b>E04F 21 /-</b>	<b>F03C 99 /-</b>	2020268973
<b>C09J 5 /-</b>	2020268959	2020270771	<b>E04G 21 /-</b>	2019290039	<b>F23J 15 /-</b>
2020274540	2020272557	2020274632	2020268862	<b>F15B 11 /-</b>	2020268973
<b>C09K 11 /-</b>	2020274525	2020274632	<b>E04G 23 /-</b>	2020275381	<b>F24F 11 /-</b>
2020264032	2020275348	2020270867	2020273449	<b>F15C 1 /-</b>	2019440929
<b>C09D 7 /-</b>	2020275776	<b>D06N 3 /-</b>	<b>E04H 15 /-</b>	2020272163	2020258187
2020264032	2020276121	2020273022	2020289131	<b>F16B 2 /-</b>	2020259880
<b>C09J 5 /-</b>	2020277641	<b>D06N 5 /-</b>	<b>E04H 17 /-</b>	2020287090	2020259881
2020264032	2020279381	2020268973	2020299807	<b>F16B 5 /-</b>	2020261812
<b>C09K 15 /-</b>	2020279387	<b>E01C 11 /-</b>	<b>E04H 4 /-</b>	2020287090	<b>F24F 110 /-</b>
2021250950	<b>C12N 5 /-</b>	2020260027	2020284603	<b>F16C 33 /-</b>	2020259880
<b>C09K 8 /-</b>	2019440405	<b>E01C 19 /-</b>	2020309045	2020273956	2020258187
2020275424	2019447274	2020268973	2020312844		
	2020274540	<b>E01C 7 /-</b>			
	2020274717	2020268973			
	2020277774				
	<b>C12N 7 /-</b>				
	2020274632				
	<b>C12N 9 /-</b>				
	2020268959				
	2020277641				
	2021211348				

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<b><u>F24F 3 /-</u></b>	<b><u>G01N 1 /-</u></b>		2020279083	<b><u>G16H 80 /-</u></b>	2020262934
2019440929	2020256745	<b><u>G05B 19 /-</u></b>			
2020258187		2020266714	<b><u>G06T 11 /-</u></b>	2020266572	<b><u>H01Q 23 /-</u></b>
2020258722	<b><u>G01N 21 /-</u></b>		2020267957	<b><u>G16Y 20 /-</u></b>	2020261055
2020259880	2020275745	<b><u>G05D 1 /-</u></b>			
2020259881		2020268720	<b><u>G06T 17 /-</u></b>	2020260273	<b><u>H01Q 3 /-</u></b>
<b><u>F24S 10 /-</u></b>	<b><u>G01N 24 /-</u></b>	<b><u>G06F 11 /-</u></b>	2020256662	<b><u>H01B 7 /-</u></b>	2020262505
2020274226	2020275745	2020285024	<b><u>G06T 7 /-</u></b>	2019465141	<b><u>H01Q 9 /-</u></b>
<b><u>F24S 20 /-</u></b>	<b><u>G01N 27 /-</u></b>	2021217008	2020274981	<b><u>H01C 7 /-</u></b>	2020261055
2020274226	2020279380	<b><u>G06F 15 /-</u></b>	<b><u>G07C 5 /-</u></b>	2020280669	<b><u>H01R 12 /-</u></b>
	2020279471	2020279052	2020268720	<b><u>H01H 33 /-</u></b>	2020285522
<b><u>F24S 23 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G07C 9 /-</u></b>	2020264443	<b><u>H01R 13 /-</u></b>
2020267680	2020275745	2020267957	2021246513	2020289213	2020273023
<b><u>F24S 25 /-</u></b>	<b><u>G01N 30 /-</u></b>	2020290470		<b><u>H01H 39 /-</u></b>	2020276735
2020267680	2020279471	<b><u>G06F 21 /-</u></b>	<b><u>G07F 17 /-</u></b>	2020264443	2020290588
2020274226		2020276198	2020278408	<b><u>H01H 85 /-</u></b>	<b><u>H01T 1 /-</u></b>
2020274394	<b><u>G01N 33 /-</u></b>	2020279052	<b><u>G08B 17 /-</u></b>	2020280669	2020280669
2020287090	2019447274	<b><u>G06F 3 /-</u></b>	2020285614	<b><u>H01J 1 /-</u></b>	<b><u>H01T 4 /-</u></b>
<b><u>F24S 30 /-</u></b>	2020252269	2020285024	<b><u>G08C 17 /-</u></b>	2020275115	2020280669
2020267680	2020260273	<b><u>G06F 8 /-</u></b>	2020260273		<b><u>H02B 1 /-</u></b>
<b><u>F24S 40 /-</u></b>	2020274563	2020256639	2020266714	<b><u>H01J 43 /-</u></b>	2020290588
2020257829	2020274637	<b><u>G06F 9 /-</u></b>	<b><u>G09F 1 /-</u></b>	2020275115	<b><u>H02G 11 /-</u></b>
	2020275745	2020256639	2020284716	<b><u>H01L 27 /-</u></b>	2020272981
<b><u>F24S 80 /-</u></b>	2020275792	2020290470	<b><u>G09G 3 /-</u></b>	2019464174	<b><u>H02G 3 /-</u></b>
2020274226	2020279380	2020354886	2020390375	2020390375	2020290588
	2020279471	<b><u>G06K 9 /-</u></b>	<b><u>G10L 15 /-</u></b>	<b><u>H01L 31 /-</u></b>	
<b><u>F25D 11 /-</u></b>	2020292464	2020256639	2020288565	2020287090	<b><u>H02H 1 /-</u></b>
2020273506	2021232687	<b><u>G06N 9 /-</u></b>	<b><u>G10L 25 /-</u></b>	<b><u>H01L 51 /-</u></b>	2020264443
2020275069	<b><u>G01R 29 /-</u></b>	2020282713	2020282713	2020274563	<b><u>H02H 3 /-</u></b>
	2020286490	2020300066	<b><u>G16B 30 /-</u></b>	<b><u>H01M 10 /-</u></b>	2020264443
<b><u>F25D 3 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06N 10 /-</u></b>	2019445845	2020431251	<b><u>H02J 3 /-</u></b>
2020275069	2020290980	2020274007	<b><u>G16B 40 /-</u></b>	<b><u>H01M 4 /-</u></b>	2020276632
<b><u>F27B 7 /-</u></b>	<b><u>G01S 5 /-</u></b>	<b><u>G06N 3 /-</u></b>	2020274091	2021261902	2020286490
2020440028	2021246513	2020256639	<b><u>G16H 10 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H02J 50 /-</u></b>
<b><u>F41F 3 /-</u></b>	<b><u>G02B 27 /-</u></b>	2020288565	2020262312	2020431251	2019465141
2020275083	2020288408	<b><u>G06Q 10 /-</u></b>	2020266572	<b><u>H01Q 1 /-</u></b>	<b><u>H02J 7 /-</u></b>
<b><u>F42B 39 /-</u></b>	<b><u>G02B 6 /-</u></b>	2020278408	<b><u>G16H 20 /-</u></b>	2020261055	2021255319
2020274229	2020288408	2020279083	2020274091	2020262934	<b><u>H02J 9 /-</u></b>
<b><u>G01F 1 /-</u></b>	<b><u>G02C 13 /-</u></b>	2020287322	<b><u>G16H 40 /-</u></b>	<b><u>H01Q 13 /-</u></b>	2019462417
2020269603	2020273666	2020290434	2020266572	2020262505	<b><u>H02K 9 /-</u></b>
<b><u>G01F 11 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>G16H 50 /-</u></b>	2020262934	2020266898
2020275094	2020273675	2020266302	2020266572	<b><u>H01Q 21 /-</u></b>	
<b><u>G01J 1 /-</u></b>	<b><u>G03B 21 /-</u></b>	<b><u>G06Q 30 /-</u></b>	2020266572	2020261055	<b><u>H02M 7 /-</u></b>
2020285614	2020276612	2020266302	<b><u>G16H 50 /-</u></b>	2020262505	
<b><u>G01J 5 /-</u></b>	<b><u>G03B 33 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2020266572	2020262505	
2020285614	2020276612	2020260273		2020262505	
		2020269603			

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<b><u>H02S 20 /-</u></b>	<b><u>H04W 36 /-</u></b>
2020274226	2020296735
2020274394	2021217008
<b><u>H02S 40 /-</u></b>	<b><u>H04W 4 /-</u></b>
2020257829	2021246513
2020274226	<b><u>H04W 72 /-</u></b>
<b><u>H03K 17 /-</u></b>	2019449405
2020273023	2020274825
<b><u>H04B 1 /-</u></b>	<b><u>H04W 88 /-</u></b>
2021246513	2019446198
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2021246513	2020273500
<b><u>H04L 12 /-</u></b>	<b><u>H05H 1 /-</u></b>
2020279584	2020273500
<b><u>H04L 29 /-</u></b>	<b><u>H05K 5 /-</u></b>
2020276198	2020274967
2020279052	<b><u>H05K 7 /-</u></b>
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**F16L 55/07** ( 2006.01 )  
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**H04B 1/18** ( 2006.01 )  
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**A61B 1/015** ( 2006.01 )  
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**A61B 1/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07H 15/18** ( 2006.01 )  
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*B05C 17/00* ( 2006.01 )  
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**(54)** ADAPTABLE WIRELESS POWER, LIGHT AND AUTOMATION SYSTEM  
**(51)** Int. Cl.  
*H04L 12/28* ( 2006.01 )  
**(43)** 10.12.2020  
**(44)** 09.12.2021  
**(62)** 2019232772  
**(72)** Davis, Barrie; Davis, Benjamin; Davis, Matthew  
**(74)** Southern Cross Intellectual Property

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**(71)** Kraftig Industries Pty Ltd  
**(11)** AU-B-2016282198  
**(21)** 2016282198 **(22)** 23.06.2016  
**(54)** Exercise apparatus  
**(51)** Int. Cl.  
*A63B 21/078* ( 2006.01 )  
**(87)** WO2016/205883  
**(31)** 2015902424 **(32)** 23.06.15 **(33)** AU  
 2015904286 19.10.15 AU  
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**(43)** 29.12.2016  
**(44)** 09.12.2021  
**(72)** Schween, Michael  
**(74)** James & Wells Intellectual Property

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**(71)** Lashify, Inc.  
**(11)** AU-B-2021266238

**(21)** 2021266238 **(22)** 09.11.2021  
**(54)** Applicators and cases for artificial lash extensions  
**(51)** Int. Cl.  
*A41G 5/02* ( 2006.01 )  
*A45D 26/00* ( 2006.01 )  
*B25B 9/02* ( 2006.01 )  
**(43)** 02.12.2021  
**(44)** 09.12.2021  
**(62)** 2017379865  
**(72)** LOTTI, Sahara  
**(74)** Spruson & Ferguson

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**Le, M.K. see Le, V.S.**  
**(21)** 2018207260

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**(71)** Le, V.S.; Le, M.K.  
**(11)** AU-B-2018207260  
**(21)** 2018207260 **(22)** 11.01.2018  
**(54)** Alternating flow column chromatography apparatus and method of use  
**(51)** Int. Cl.  
*B01D 15/10* ( 2006.01 )  
*G01N 30/02* ( 2006.01 )  
*G01N 30/38* ( 2006.01 )  
*G01N 30/46* ( 2006.01 )  
**(87)** WO2018/129587  
**(31)** 2017900091 **(32)** 13.01.17 **(33)** AU  
**(43)** 19.07.2018  
**(44)** 09.12.2021  
**(72)** Le, Van So; Le, Minh Khoi  
**(74)** Spruson & Ferguson

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**(71)** Lenzing Aktiengesellschaft  
**(11)** AU-B-2018344309  
**(21)** 2018344309 **(22)** 19.09.2018  
**(54)** Silk-like woven garment containing or consisting of lyocell filaments  
**(51)** Int. Cl.  
*D03D 1/00* ( 2006.01 )  
*D01F 2/00* ( 2006.01 )  
*D03D 15/00* ( 2006.01 )  
**(87)** WO2019/068467  
**(31)** 17195315.1 **(32)** 06.10.17 **(33)** EP  
**(43)** 11.04.2019  
**(44)** 09.12.2021  
**(72)** CARLS, Susanne; NEUNTEUFEL, Martin; EICHINGER, Dieter; SCHREMPF, Christoph; ABU-ROUS, Mohammad  
**(74)** Spruson & Ferguson

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2019318976  
**(21)** 2019318976 **(22)** 24.07.2019  
**(54)** Method of transmitting and receiving channel state information in wireless communication system and apparatus therefor  
**(51)** Int. Cl.  
*H04B 7/06* ( 2006.01 )  
*H04B 7/0417* ( 2017.01 )  
*H04W 24/10* ( 2009.01 )  
**(87)** WO2020/032432  
**(31)** 62/716,959 **(32)** 09.08.18 **(33)** US  
**(43)** 13.02.2020

**(44)** 09.12.2021  
**(72)** KIM, Hyungtae; KANG, Jiwon  
**(74)** Dentons Patent Attorneys Australasia Limited

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2020201842  
**(21)** 2020201842 **(22)** 13.03.2020  
**(54)** Cleaner holder  
**(51)** Int. Cl.  
*A47L 9/32* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )  
**(43)** 02.04.2020  
**(44)** 09.12.2021  
**(62)** 2017262306  
**(72)** KIM, Namhee; NAM, Bohyun; HWANG, Jungbae; KIM, Jinju; BAE, Sehwan  
**(74)** Dentons Patent Attorneys Australasia Limited

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**(21)** 2018291556

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**(71)** LOGGO IP PTY LTD  
**(11)** AU-B-2020200790  
**(21)** 2020200790 **(22)** 04.02.2020  
**(54)** COMPOSITE STRUCTURAL MEMBER 2  
**(51)** Int. Cl.  
*E04C 3/14* ( 2006.01 )  
*E04B 1/26* ( 2006.01 )  
*E04B 1/48* ( 2006.01 )  
*E04C 3/42* ( 2006.01 )  
**(43)** 20.02.2020  
**(44)** 09.12.2021  
**(62)** 2014202696  
**(72)** THORNTON, Patrick; BLAIR, Peter  
**(74)** Churchill Attorneys

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**(71)** Magic Leap, Inc.  
**(11)** AU-B-2017308914  
**(21)** 2017308914 **(22)** 10.08.2017  
**(54)** Word flow annotation  
**(51)** Int. Cl.  
*G10L 15/183* ( 2013.01 )  
**(87)** WO2018/031745  
**(31)** 62/374,183 **(32)** 12.08.16 **(33)** US  
**(43)** 15.02.2018  
**(44)** 09.12.2021  
**(72)** Sommers, Jeffrey; Devine, Jennifer M.R.; Seuck, Joseph Wayne; Kaehler, Adrian  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Magic Leap, Inc.  
**(11)** AU-B-2017317600  
**(21)** 2017317600 **(22)** 22.08.2017  
**(54)** Virtual, augmented, and mixed reality systems and methods  
**(51)** Int. Cl.  
*G06K 9/36* ( 2006.01 )  
*G06K 9/54* ( 2006.01 )  
*G06K 9/60* ( 2006.01 )  
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**(31)** 62/462,279 (32) 22.02.17 (33) US  
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**(43)** 01.03.2018  
**(44)** 09.12.2021  
**(72)** Rodriguez, Jose Felix; Perez, Ricardo  
 Martinez  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Maricap Oy  
**(11)** AU-B-2017205134  
**(21)** 2017205134 (22) 02.01.2017  
**(54)** Method, apparatus and system for  
 handling waste material  
**(51)** Int. Cl.  
**B65F 5/00** ( 2006.01 )  
**B65F 9/00** ( 2006.01 )  
**B65G 53/46** ( 2006.01 )  
**B65G 53/52** ( 2006.01 )  
**(87)** WO2017/118779  
**(31)** 20165006 (32) 07.01.16 (33) FI  
**(43)** 13.07.2017  
**(44)** 09.12.2021  
**(72)** Sundholm, Göran  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Maschinenfabrik Reinhausen GmbH  
**(11)** AU-B-2017229282  
**(21)** 2017229282 (22) 08.03.2017  
**(54)** On-load tap changer  
**(51)** Int. Cl.  
**H01H 9/00** ( 2006.01 )  
**(87)** WO2017/153448  
**(31)** 10 2016 104 500.4 (32) 11.03.16 (33) DE  
**(43)** 14.09.2017  
**(44)** 09.12.2021  
**(72)** Meyer, Markus; Kotz, Christian  
**(74)** HENRY HUGHES IP LTD

**Massachusetts Institute of Technology see  
 The Broad Institute, Inc.**  
**(21)** 2019201608

**(71)** Mathurin, T.  
**(11)** AU-B-2020227064  
**(21)** 2020227064 (22) 03.09.2020  
**(54)** VOICE/MANUAL ACTIVATED AND IN-  
 TEGRATED AUDIO/VIDEO MULTI-ME-  
 DIA, MULTI-INTERFACE SYSTEM  
**(51)** Int. Cl.  
**H04N 21/61** ( 2011.01 )  
**(43)** 24.09.2020  
**(44)** 09.12.2021  
**(62)** 2015394336  
**(72)** Mathurin, Trevor  
**(74)** Pizeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** MAX CO., LTD.  
**(11)** AU-B-2019253850  
**(21)** 2019253850 (22) 23.10.2019  
**(54)** Binding machine  
**(51)** Int. Cl.  
**E04G 21/12** ( 2006.01 )

**B21F 7/00** ( 2006.01 )  
**B21F 15/06** ( 2006.01 )  
**B25B 25/00** ( 2006.01 )  
**(43)** 14.11.2019  
**(44)** 09.12.2021  
**(62)** 2016296572  
**(72)** ITAGAKI, Osamu; KASAHARA, Akira;  
 NAGAOKA, Takahiro  
**(74)** Griffith Hack

**(71)** Maxeon Solar Pte. Ltd.  
**(11)** AU-B-2019250255  
**(21)** 2019250255 (22) 18.10.2019  
**(54)** Solar cell emitter region fabrication with  
 differentiated P-type and N-type region  
 architectures  
**(51)** Int. Cl.  
**H01L 31/049** ( 2014.01 )  
**(43)** 07.11.2019  
**(44)** 09.12.2021  
**(62)** 2014366256  
**(72)** Rim, Seung Bum; Smith, David D.; Qiu,  
 Taiqing; Westerberg, Staffan; Tracy,  
 Kieran Mark; Balu, Venkatasubramani  
**(74)** Southern Cross Intellectual Property

**(71)** MedImmune, LLC  
**(11)** AU-B-2016265677  
**(21)** 2016265677 (22) 13.05.2016  
**(54)** Improved uricase sequences and meth-  
 ods of treatment  
**(51)** Int. Cl.  
**A61K 38/43** ( 2006.01 )  
**A61K 38/44** ( 2006.01 )  
**A61P 19/06** ( 2006.01 )  
**C12N 9/06** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**C12N 15/53** ( 2006.01 )  
**(87)** WO2016/187026  
**(31)** 62/162,280 (32) 15.05.15 (33) US  
**(43)** 24.11.2016  
**(44)** 09.12.2021  
**(72)** Baca, Manuel; Nyborg, Andrew C.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Medshine Discovery Inc.  
**(11)** AU-B-2019363115  
**(21)** 2019363115 (22) 15.10.2019  
**(54)** Thiadiazole derivative and uses thereof  
 as a GLS1 inhibitor  
**(51)** Int. Cl.  
**C07D 417/14** ( 2006.01 )  
**A61K 31/433** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2020/078350  
**(31)** 201811202713.0 (32) 16.10.18 (33) CN  
**(43)** 23.04.2020  
**(44)** 09.12.2021  
**(72)** LIAO, Yonggang; LIN, Jun; LIU, Chaon-  
 an; WEI, Changqing; QIAN, Wenyuan;  
 ZHANG, Chen; GONG, Zhen; LI, Jian;  
 CHEN, Shuhui  
**(74)** FB Rice Pty Ltd

**(71)** Mega Slam Hoops, LLC  
**(11)** AU-B-2017394667  
**(21)** 2017394667 (22) 27.11.2017

**(54)** Breakaway basketball rim  
**(51)** Int. Cl.  
**A63B 63/08** ( 2006.01 )  
**A63B 69/00** ( 2006.01 )  
**(87)** WO2018/136149  
**(31)** 15/410,062 (32) 19.01.17 (33) US  
**(43)** 26.07.2018  
**(44)** 09.12.2021  
**(72)** Givens, Jon Casey  
**(74)** Spruson & Ferguson

**(71)** Memorial Sloan Kettering Cancer Cen-  
 ter  
**(11)** AU-B-2016243043  
**(21)** 2016243043 (22) 04.04.2016  
**(54)** TNFRSF14/ HVEM proteins and meth-  
 ods of use thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12N 9/90** ( 2006.01 )  
**(87)** WO2016/161415  
**(31)** 62/142,450 (32) 02.04.15 (33) US  
 62/303,980 04.03.16 US  
**(43)** 06.10.2016  
**(44)** 09.12.2021  
**(72)** Boice, Michael Henry; Wendel, Hans  
 Guido; Salloum, Darin  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Memorial Sloan-Kettering Cancer Cen-  
 ter  
**(11)** AU-B-2016362495  
**(21)** 2016362495 (22) 02.12.2016  
**(54)** Seneca valley virus (SVV) cellular re-  
 ceptor targeted oncotherapy  
**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**(87)** WO2017/096201  
**(31)** 62/262,242 (32) 02.12.15 (33) US  
**(43)** 08.06.2017  
**(44)** 09.12.2021  
**(72)** Miles, Linde; Poirier, John; Rudin,  
 Charles  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Metisa Biotechnology Co., Ltd  
**(11)** AU-B-2019264704  
**(21)** 2019264704 (22) 07.05.2019  
**(54)** Benzamide compound and application  
 thereof  
**(51)** Int. Cl.  
**C07C 237/42** ( 2006.01 )  
**A01N 37/22** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**(87)** WO2019/214588  
**(31)** 201810448081.X (32) 11.05.18 (33) CN  
**(43)** 14.11.2019  
**(44)** 09.12.2021  
**(72)** ZHANG, Lixin; ZHANG, Jing; ZHANG,  
 Xihan; GAO, Yixing; WANG, Jie; KANG,  
 Zhuo  
**(74)** Madderns Pty Ltd

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(71) Meural Inc.  
 (11) AU-B-2020200421  
 (21) 2020200421 (22) 21.01.2020  
 (54) System and method for output display generation based on ambient conditions  
 (51) Int. Cl.  
**G08B 21/00** ( 2006.01 )  
 (43) 13.02.2020  
 (44) 09.12.2021  
 (62) 2015240971  
 (72) Vukicevic, Vladimir  
 (74) Spruson & Ferguson

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2020267218  
 (21) 2020267218 (22) 11.11.2020  
 (54) Discriminating ambiguous expressions to enhance user experience  
 (51) Int. Cl.  
**G06F 40/00** ( 2020.01 )  
 (43) 10.12.2020  
 (44) 09.12.2021  
 (62) 2015374382  
 (72) Robichaud, Jean-Philippe; Sarikaya, Ruh  
 (74) Davies Collison Cave Pty Ltd

(71) Millet Innovation  
 (11) AU-B-2017318511  
 (21) 2017318511 (22) 23.08.2017  
 (54) Knee support orthosis adapted to a prolonged seated position  
 (51) Int. Cl.  
**A61F 5/01** ( 2006.01 )  
 (87) WO2018/042108  
 (31) 1658001 (32) 29.08.16 (33) FR  
 (43) 08.03.2018  
 (44) 09.12.2021  
 (72) Millet, Damien  
 (74) Griffith Hack

(71) Miraki Innovation Think Tank, LLC  
 (11) AU-B-2019346458  
 (21) 2019346458 (22) 25.09.2019  
 (54) In-vivo robotic imaging, sensing and deployment devices and methods for medical scaffolds  
 (51) Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 17/70** ( 2006.01 )  
**A61F 2/44** ( 2006.01 )  
**B29C 64/20** ( 2017.01 )  
**B33Y 30/00** ( 2015.01 )  
**A61B 90/00** ( 2016.01 )  
**A61F 2/02** ( 2006.01 )  
 (87) WO2020/069012  
 (31) 62/736,232 (32) 25.09.18 (33) US  
 (43) 02.04.2020  
 (44) 09.12.2021  
 (72) VELIS, Christopher J.; PALMER, Matthew P.; SHAFI, Adeel Saleem; IYER, Santosh  
 (74) Cotters Patent & Trade Mark Attorneys

(71) Mitsubishi Electric Corporation  
 (11) AU-B-2017436890

(21) 2017436890 (22) 27.10.2017  
 (54) Refrigeration cycle device  
 (51) Int. Cl.  
**F25B 1/00** ( 2006.01 )  
**F25B 13/00** ( 2006.01 )  
 (87) WO2019/082372  
 (43) 02.05.2019  
 (44) 09.12.2021  
 (72) NISHIYAMA, Takumi  
 (74) Griffith Hack

(71) Mitsubishi Power, Ltd.  
 (11) AU-B-2018398529  
 (21) 2018398529 (22) 18.12.2018  
 (54) Solid fuel burner and flame stabilizer for solid fuel burner  
 (51) Int. Cl.  
**F23D 1/00** ( 2006.01 )  
**F23C 99/00** ( 2006.01 )  
 (87) WO2019/131335  
 (31) 2017-249739 (32) 26.12.17 (33) JP  
 (43) 04.07.2019  
 (44) 09.12.2021  
 (72) TADAKUMA, Satoshi; BABA, Akira; KURAMASHI, Koji; ARUGA, Takeshi; MITO, Shohei; KITAKAZE, Kosuke; MINE, Toshihiko  
 (74) Davies Collison Cave Pty Ltd

(71) Modular Innovations Pty Ltd  
 (11) AU-B-2020200342  
 (21) 2020200342 (22) 17.01.2020  
 (54) IMPROVED PANEL AND POST SYSTEMS  
 (51) Int. Cl.  
**E04H 17/00** ( 2006.01 )  
**E01F 8/00** ( 2006.01 )  
**E02D 17/00** ( 2006.01 )  
 (43) 13.02.2020  
 (44) 09.12.2021  
 (61) 2016204854  
 (62) 2016204854,2016206311  
 (72) Holden, Nicholas  
 (74) Halfords IP

(71) Molecular Insight Pharmaceuticals, Inc.  
 (11) AU-B-2020200214  
 (21) 2020200214 (22) 10.01.2020  
 (54) Organ protection in PSMA-targeted radionuclide therapy of prostate cancer  
 (51) Int. Cl.  
**C07D 257/02** ( 2006.01 )  
**A61K 38/57** ( 2006.01 )  
**A61K 51/04** ( 2006.01 )  
 (43) 06.02.2020  
 (44) 09.12.2021  
 (62) 2015315465  
 (72) Babich, John W.; Hillier, Shawn; Joyal, John  
 (74) FB Rice Pty Ltd

(71) Monash University; Commonwealth Scientific and Industrial Research Organisation; Board of Regents, The University of Texas System  
 (11) AU-B-2018384084  
 (21) 2018384084 (22) 14.12.2018

(54) Metal organic framework membranes  
 (51) Int. Cl.  
**B01D 61/44** ( 2006.01 )  
**B01D 67/00** ( 2006.01 )  
**B01D 69/02** ( 2006.01 )  
**B01J 20/22** ( 2006.01 )  
 (87) WO2019/113649  
 (31) 2017905029 (32) 15.12.17 (33) AU  
 (43) 20.06.2019  
 (44) 09.12.2021  
 (72) WANG, Huanting; ZHANG, Huacheng; LI, Xingya; LU, Jun; FREEMAN, Benny; HILL, Anita Joyce  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Morinaga Milk Industry Co., Ltd.  
 (11) AU-B-2018338277  
 (21) 2018338277 (22) 23.03.2018  
 (54) Composition for promoting energy consumption  
 (51) Int. Cl.  
**A61K 38/01** ( 2006.01 )  
**A23L 33/19** ( 2016.01 )  
**A61K 38/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
 (87) WO2019/058609  
 (31) 2017-179140 (32) 19.09.17 (33) JP  
 (43) 28.03.2019  
 (44) 09.12.2021  
 (72) MATSUNAGA, Yutaka; SAKATA, Yasuyuki; YAGO, Takumi  
 (74) Griffith Hack

(71) Motorola Solutions, Inc.  
 (11) AU-B-2019315364  
 (21) 2019315364 (22) 25.07.2019  
 (54) Method and apparatus for rapidly and dynamically adjusting current limiting in a portable communication device  
 (51) Int. Cl.  
**H04B 1/3827** ( 2015.01 )  
**G06F 1/3206** ( 2019.01 )  
**G06F 1/3287** ( 2019.01 )  
**H04B 1/401** ( 2015.01 )  
**H04W 24/04** ( 2009.01 )  
 (87) WO2020/028140  
 (31) 16/048,400 (32) 30.07.18 (33) US  
 (43) 06.02.2020  
 (44) 09.12.2021  
 (72) BARTELS, Peter J.; ALFARO, Javier; GARCIA, Hugo; ALONSO, Kevin; GLASS, Stephen C.  
 (74) Phillips Ormonde Fitzpatrick

(71) Motorola Solutions, Inc.  
 (11) AU-B-2020241738  
 (21) 2020241738 (22) 18.03.2020  
 (54) Dynamically allowing a guest device to join a private CBRS network  
 (51) Int. Cl.  
**H04W 4/021** ( 2018.01 )  
**H04W 4/90** ( 2018.01 )  
**H04W 8/18** ( 2009.01 )  
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 (31) 16/360,974 (32) 21.03.19 (33) US  
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 (72) MAKHLOUF, Isam R.; CHEN, Ethan Y.; PATIBANDLA, Badarinath; WI-ATROWSKI, David G.  
 (74) Phillips Ormonde Fitzpatrick

(71) Motorola Solutions, Inc.  
 (11) AU-B-2020254409  
 (21) 2020254409 (22) 20.03.2020  
 (54) Portable radio with button over speaker  
 (51) Int. Cl.  
     H04B 1/034 ( 2006.01 )  
     H01H 13/00 ( 2006.01 )  
 (87) WO2020/205283  
 (31) 16/370,072 (32) 29.03.19 (33) US  
 (43) 08.10.2020  
 (44) 09.12.2021  
 (72) MORALEJO, Eduardo; BARTLETT, Rammone; GILMORE, Steven; KOAY, Kenney  
 (74) Phillips Ormonde Fitzpatrick

(71) Motus Weighing AB  
 (11) AU-B-2017236200  
 (21) 2017236200 (22) 21.03.2017  
 (54) Weighing scale and methods thereof  
 (51) Int. Cl.  
     G01G 19/03 ( 2006.01 )  
     G01G 19/02 ( 2006.01 )  
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 (31) 1650384-9 (32) 22.03.16 (33) SE  
 (43) 28.09.2017  
 (44) 09.12.2021  
 (72) Valdemarsson, Stefan; Timmerman, Marcus  
 (74) Griffith Hack

(71) Murdoch University  
 (11) AU-B-2016259971  
 (21) 2016259971 (22) 10.05.2016  
 (54) Multiple sclerosis treatment  
 (51) Int. Cl.  
     C12N 15/113 ( 2010.01 )  
 (87) WO2016/179634  
 (31) 2015901703 (32) 11.05.15 (33) AU  
 (43) 17.11.2016  
 (44) 09.12.2021  
 (72) Wilton, Stephen Donald; Fletcher, Sue; Aung-Htut, May  
 (74) WRAYS PTY LTD

(71) Musculoskeletal Transplant Foundation; The Methodist Hospital  
 (11) AU-B-2020289883  
 (21) 2020289883 (22) 20.12.2020  
 (54) SOFT TISSUE REPAIR GRAFTS AND PROCESSES FOR PREPARING AND USING SAME  
 (51) Int. Cl.  
     A61F 2/12 ( 2006.01 )  
     A61F 2/02 ( 2006.01 )  
     A61L 27/36 ( 2006.01 )  
     A61L 27/56 ( 2006.01 )  
 (43) 28.01.2021

(44) 09.12.2021  
 (62) 2019204393  
 (72) Spiegel, Aldona Jedrysiak; Wang, Kai-Roy  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) N/C Quest Inc.  
 (11) AU-B-2016279930  
 (21) 2016279930 (22) 14.06.2016  
 (54) Emissions recycling using solubilizer equipment  
 (51) Int. Cl.  
     B01D 53/92 ( 2006.01 )  
     A01B 45/02 ( 2006.01 )  
     A01B 79/02 ( 2006.01 )  
     A01C 21/00 ( 2006.01 )  
     A01C 23/02 ( 2006.01 )  
     B01D 47/02 ( 2006.01 )  
 (87) WO2016/201561  
 (31) 62/181,014 (32) 17.06.15 (33) US  
 (43) 22.12.2016  
 (44) 09.12.2021  
 (72) Lewis, Gary; Lewis, Zachary  
 (74) IP Gateway Patent and Trade Mark Attorneys Pty Ltd

**Nanjing Herui Supply Chain Management Co., Ltd. see State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company**  
 (21) 2020203712

**Nanjing Yuanneng Electric Power Engineering Co., Ltd. see State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company**  
 (21) 2020203712

(71) Nanosys, Inc.  
 (11) AU-B-2017223845  
 (21) 2017223845 (22) 24.02.2017  
 (54) Low cadmium content nanostructure compositions and uses thereof  
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     C09K 11/08 ( 2006.01 )  
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**A61M 35/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**F16L 57/06** ( 2006.01 )  
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**C07D 487/04** ( 2006.01 )  
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**C12N 7/00** ( 2006.01 )  
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**(31)** 1417805.7 **(32)** 08.10.14 **(33)** GB  
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*A61K 31/436* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
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*A61K 9/127* ( 2006.01 )

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**(44)** 09.12.2021  
**(72)** Kishimoto, Takashi Kei  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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**(54)** Vehicle using spatial information acquired using sensor, sensing device using spatial information acquired using sensor, and server  
**(51)** Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**B60W 30/14** ( 2006.01 )  
**B60W 40/02** ( 2006.01 )  
**G05D 1/10** ( 2006.01 )  
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**(43)** 09.07.2020  
**(44)** 09.12.2021  
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**(74)** FB Rice Pty Ltd
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**(21)** 2016258171 **(22)** 06.05.2016  
**(54)** Liposomal preparations for non-invasive-prenatal or cancer screening  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
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**(11)** AU-B-2016272688  
**(21)** 2016272688 **(22)** 11.04.2016  
**(54)** Wheat male-sterility gene WMS and its anther-specific expression promoter and uses thereof  
**(51)** Int. Cl.  
**C12N 15/29** ( 2006.01 )  
**A01H 5/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
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**(72)** Fu, Daolin; Luo, Mincheng; Qi, Juan; Ni, Fei; Lv, Bo; Wang, Shuyun  
**(74)** Houlihan<sup>2</sup> Pty Ltd
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**(54)** Trash bag component of intelligent trash bin, trash bag laying apparatus, and intelligent trash bin  
**(51)** Int. Cl.  
**B65F 1/06** ( 2006.01 )  
**B65F 1/14** ( 2006.01 )  
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**(43)** 19.12.2019  
**(44)** 09.12.2021  
**(72)** Li, Jianxiang; Li, Le  
**(74)** FB Rice Pty Ltd
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- (71)** SharkNinja Operating LLC  
**(11)** AU-B-2016340808  
**(21)** 2016340808 **(22)** 13.10.2016  
**(54)** Dynamic calibration compensation for flow meter  
**(51)** Int. Cl.  
**A47J 31/10** ( 2006.01 )  
**A47J 31/057** ( 2006.01 )  
**(87)** WO2017/069994  
**(31)** 14/887,562 **(32)** 20.10.15 **(33)** US  
**(43)** 27.04.2017  
**(44)** 09.12.2021  
**(72)** Riley, Justin Garrett  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Sharp Kabushiki Kaisha; FG Innovation Company Limited  
**(11)** AU-B-2017256288  
**(21)** 2017256288 **(22)** 24.04.2017  
**(54)** Terminal device, base station device, and communication method  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 24/10** ( 2009.01 )  
**H04W 72/12** ( 2009.01 )  
**H04W 72/14** ( 2009.01 )  
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**(31)** 2016-090467 **(32)** 28.04.16 **(33)** JP  
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**(74)** Davies Collison Cave Pty Ltd
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**(11)** AU-B-2019260217  
**(21)** 2019260217 **(22)** 23.04.2019  
**(54)** Formamide compound, preparation method therefor and application thereof  
**(51)** Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 403/04** ( 2006.01 )  
**C07D 403/14** ( 2006.01 )  
**C07D 411/04** ( 2006.01 )  
**(87)** WO2019/206120  
**(31)** 201810404758.X **(32)** 28.04.18 **(33)** CN  
**(43)** 31.10.2019  
**(44)** 09.12.2021  
**(72)** YANG, Qianjiao; LU, Xianping; LI, Zhibin; PAN, Desi; SHAN, Song; WANG, Xiaoliang; SONG, Yonglian; ZHANG, Kun  
**(74)** MINTER ELLISON
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- (71)** Shenzhen Kyd Biomedical Technology Co.Ltd  
**(11)** AU-B-2016381148  
**(21)** 2016381148 **(22)** 26.12.2016  
**(54)** Left atrial appendage closure device  
**(51)** Int. Cl.  
**A61B 17/02** ( 2006.01 )  
**(87)** WO2017/114348  
**(31)** 201610119169.8 **(32)** 02.03.16 **(33)** CN  
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**(43)** 06.07.2017  
**(44)** 09.12.2021  
**(72)** Chen, Yilong; Huang, Wei  
**(74)** WRAYS PTY LTD
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- (71)** Shin-Etsu Chemical Co., Ltd.  
**(11)** AU-B-2017320240  
**(21)** 2017320240 **(22)** 06.06.2017  
**(54)** Photocatalyst laminate  
**(51)** Int. Cl.  
**B32B 27/18** ( 2006.01 )  
**B01J 23/34** ( 2006.01 )  
**B01J 35/02** ( 2006.01 )  
**B32B 27/00** ( 2006.01 )  
**C09D 5/00** ( 2006.01 )  
**C09D 127/12** ( 2006.01 )  
**C09D 183/04** ( 2006.01 )  
**C09D 201/00** ( 2006.01 )  
**(87)** WO2018/042804  
**(31)** 2016-166490 **(32)** 29.08.16 **(33)** JP  
**(43)** 08.03.2018  
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 (54) OSTEOTOME  
 (51) Int. Cl.  
     **A61B 17/3213** ( 2006.01 )  
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 (72) SWEITZER, Zachary  
 (74) Golja Haines & Friend

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(71) Sika Technology AG  
 (11) AU-B-2017375365  
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 (54) Water-based composition with low surface tackiness  
 (51) Int. Cl.  
     **C08K 5/01** ( 2006.01 )  
     **C08L 23/22** ( 2006.01 )  
     **C09D 133/08** ( 2006.01 )  
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 (31) 16203553.9 (32) 12.12.16 (33) EP  
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 (54) Cable stripping device  
 (51) Int. Cl.  
     **H01R 43/28** ( 2006.01 )  
     **H02G 1/12** ( 2006.01 )  
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 (54) Double return panel system  
 (51) Int. Cl.  
     **E04F 13/07** ( 2006.01 )  
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 (54) Elastomeric holder  
 (51) Int. Cl.  
     **A47K 5/00** ( 2006.01 )  
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     **A47G 1/16** ( 2006.01 )  
     **A47G 29/08** ( 2006.01 )  
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 (43) 30.03.2017  
 (44) 09.12.2021

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 (54) Elastomeric finger cots and gloves and methods for their production  
 (51) Int. Cl.  
     **A61B 42/10** ( 2016.01 )  
     **A41D 19/015** ( 2006.01 )  
     **C08L 13/02** ( 2006.01 )  
 (43) 23.01.2020  
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 (72) FOO, Khon Pu; PRABHAKARAN, Kumaresan  
 (74) Griffith Hack

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 (11) AU-B-2020250298  
 (21) 2020250298 (22) 09.10.2020  
 (54) In-line sensor validation system  
 (51) Int. Cl.  
     **G01N 27/416** ( 2006.01 )  
 (43) 05.11.2020  
 (44) 09.12.2021  
 (62) 2015328377  
 (72) BRENNAN, James M.; LINDSTROM, Danny Elmer; McGinnis, Christopher Michael; WILHELMSEN, Eric Child  
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(71) Smith & Nephew plc  
 (11) AU-B-2019284044  
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 (54) Wound dressing and method of treatment  
 (51) Int. Cl.  
     **A61F 13/00** ( 2006.01 )  
     **A61F 13/02** ( 2006.01 )  
 (43) 23.01.2020  
 (44) 09.12.2021  
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 (72) MUMBY, Ella Lynn; LECOMTE, Helene Anne  
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(71) Smiths Medical ASD, Inc.  
 (11) AU-B-2020286296  
 (21) 2020286296 (22) 10.12.2020  
 (54) Blood containment for IV catheter  
 (51) Int. Cl.  
     **A61M 25/01** ( 2006.01 )  
     **A61M 25/06** ( 2006.01 )  
     **A61M 25/18** ( 2006.01 )  
 (43) 21.01.2021  
 (44) 09.12.2021

(62) 2018231164  
 (72) BREINDEL, Jay T.; GORAL, David J.; ROEHL, Christopher  
 (74) FB Rice Pty Ltd

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(71) Smylio Inc.  
 (11) AU-B-2020216145  
 (21) 2020216145 (22) 28.01.2020  
 (54) Elastic orthodontic appliances, systems, and methods for use  
 (51) Int. Cl.  
     **A61C 7/08** ( 2006.01 )  
 (87) WO2020/160051  
 (31) 62/797,797 (32) 28.01.19 (33) US  
 (43) 06.08.2020  
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 (72) PHAN, Loc  
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 (21) 2017318650 (22) 25.08.2017  
 (54) Compositions and methods for modulating gastrointestinal microflora in a canine  
 (51) Int. Cl.  
     **A23K 10/16** ( 2016.01 )  
     **A23K 20/147** ( 2016.01 )  
     **A23K 50/40** ( 2016.01 )  
 (87) WO2018/042304  
 (31) 62/382,923 (32) 02.09.16 (33) US  
 (43) 08.03.2018  
 (44) 09.12.2021  
 (72) Li, Qinghong  
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(71) SolarWinds Worldwide, LLC  
 (11) AU-B-2017218928  
 (21) 2017218928 (22) 21.08.2017  
 (54) Path probing using an edge completion ratio  
 (51) Int. Cl.  
     **H04W 40/00** ( 2009.01 )  
     **H04L 12/701** ( 2013.01 )  
 (31) 15/261,276 (32) 09.09.16 (33) US  
 (43) 29.03.2018  
 (44) 09.12.2021  
 (72) Li, Lan; ZATYLYNY, Karlo; PATLAN, Emiliana  
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(71) SOLIDpower (Australia) Pty Ltd  
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 (21) 2020255673 (22) 03.04.2020  
 (54) Energy management systems for fuel cells  
 (51) Int. Cl.

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*G06F 1/26* ( 2006.01 )  
*H02J 1/14* ( 2006.01 )  
**(87)** WO2020/198800  
**(31)** 2019901138 **(32)** 03.04.19 **(33)** AU  
**(43)** 08.10.2020  
**(44)** 09.12.2021  
**(72)** PARRIS, Brian; KAH, Michael  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** SOLITON HOLDINGS CORPORATION, DELAWARE CORPORATION  
**(11)** AU-B-2021205020  
**(21)** 2021205020 **(22)** 14.07.2021  
**(54)** Apparatuses Based on Jet-Effect and Thermoelectric Effect  
**(51)** Int. Cl.  
*H01L 35/28* ( 2006.01 )  
*F15D 1/12* ( 2006.01 )  
*G01H 3/00* ( 2006.01 )  
*G01N 29/32* ( 2006.01 )  
*H02N 2/18* ( 2006.01 )  
*H04R 23/00* ( 2006.01 )  
*H02N 3/00* ( 2006.01 )  
**(43)** 09.12.2021  
**(44)** 09.12.2021  
**(72)** Abramov, Yuri  
**(74)** Yuri Abramov

**(71)** Soreq Nuclear Research Center; Security Matters Ltd.  
**(11)** AU-B-2017283257  
**(21)** 2017283257 **(22)** 21.06.2017  
**(54)** An XRF analyzer for identifying a plurality of solid objects, a sorting system and a sorting method thereof  
**(51)** Int. Cl.  
*B07C 5/34* ( 2006.01 )  
*G01N 23/223* ( 2006.01 )  
**(87)** WO2017/221246  
**(31)** 62/352,661 **(32)** 21.06.16 **(33)** US  
**(43)** 28.12.2017  
**(44)** 09.12.2021  
**(72)** Grof, Yair; Kislev, Tzemah; Yoran, Nadav; Alon, Haggai; Kaplinsky, Mor  
**(74)** Collison & Co

**(71)** State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company; Nanjing Yuanneng Electric Power Engineering Co., Ltd.; Nanjing Herui Supply Chain Management Co., Ltd.  
**(11)** AU-B-2020203712  
**(21)** 2020203712 **(22)** 04.06.2020  
**(54)** SELF-DRIVEN ACTIVE HEAVY CABLE WINDER  
**(51)** Int. Cl.  
*B65H 54/42* ( 2006.01 )  
*B65H 49/34* ( 2006.01 )  
*B65H 75/34* ( 2006.01 )  
*B65H 75/44* ( 2006.01 )  
*H02G 1/06* ( 2006.01 )  
**(31)** 202010094549.7 **(32)** 16.02.20 **(33)** CN  
**(43)** 02.09.2021

**(44)** 09.12.2021  
**(72)** Zhou, Yang; Chen, Yangbo; Chu, Qiang; Li, Xiang; Li, Weimin; Zhao, Zhiyu; Xue, Hengsong; Zhou, Yue  
**(74)** Madderns Pty Ltd

**(71)** Steerlife India Private Limited  
**(11)** AU-B-2019402013  
**(21)** 2019402013 **(22)** 20.12.2019  
**(54)** A process for preparing chemically modified bicarbonate salt particles  
**(51)** Int. Cl.  
*C09K 3/00* ( 2006.01 )  
**(87)** WO2020/128995  
**(31)** 201841048298 **(32)** 20.12.18 **(33)** IN  
**(43)** 25.06.2020  
**(44)** 09.12.2021  
**(72)** BHUSHAN, Indu; RAO, Vinay; SH-ETTY, Rakshith  
**(74)** WRAYS PTY LTD

**(71)** Stepan Company  
**(11)** AU-B-2017397426  
**(21)** 2017397426 **(22)** 01.06.2017  
**(54)** Decolorization of concentrated rhamnolipid composition  
**(51)** Int. Cl.  
*C07H 15/06* ( 2006.01 )  
*C11D 1/66* ( 2006.01 )  
**(87)** WO2018/144053  
**(31)** 62/455,562 **(32)** 06.02.17 **(33)** US  
**(43)** 09.08.2018  
**(44)** 09.12.2021  
**(72)** Lohitharn, Nattaporn  
**(74)** Spruson & Ferguson

**(71)** Stora Enso Oyj  
**(11)** AU-B-2018321163  
**(21)** 2018321163 **(22)** 13.07.2018  
**(54)** Leakproof and liquid-tight packaging box of corrugated board and method for fabricating it  
**(51)** Int. Cl.  
*B65D 5/22* ( 2006.01 )  
*B65D 5/00* ( 2006.01 )  
*B65D 5/20* ( 2006.01 )  
*B65D 5/24* ( 2006.01 )  
*B65D 5/30* ( 2006.01 )  
*B65D 5/40* ( 2006.01 )  
*B65D 5/42* ( 2006.01 )  
**(87)** WO2019/038471  
**(31)** 20175758 **(32)** 24.08.17 **(33)** FI  
**(43)** 28.02.2019  
**(44)** 09.12.2021  
**(72)** TUHKUNEN, Mika  
**(74)** Griffith Hack

**(71)** Streamroot  
**(11)** AU-B-2020245087  
**(21)** 2020245087 **(22)** 27.03.2020  
**(54)** Method for broadcasting streaming content in a peer-to-peer network  
**(51)** Int. Cl.  
*H04N 21/63* ( 2011.01 )  
*H04N 21/2343* ( 2011.01 )  
**(87)** WO2020/193754  
**(31)** FR1903195 **(32)** 27.03.19 **(33)** FR

**(43)** 01.10.2020  
**(44)** 09.12.2021  
**(72)** YOUSEF, Hiba; AGENEAU, Paul-Louis; DELMAS, Axel  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Stryker Corporation  
**(11)** AU-B-2016370574  
**(21)** 2016370574 **(22)** 14.12.2016  
**(54)** Ultrasonic surgical tool system including a tip capable of simultaneous longitudinal and torsional movement and of substantially torsional oscillations  
**(51)** Int. Cl.  
*A61B 17/32* ( 2006.01 )  
*A61F 9/007* ( 2006.01 )  
**(87)** WO2017/106329  
**(31)** 62/269,542 **(32)** 18.12.15 **(33)** US  
**(43)** 22.06.2017  
**(44)** 09.12.2021  
**(72)** Downey, Adam  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-B-2016377686  
**(21)** 2016377686 **(22)** 22.12.2016  
**(54)** Metal detection system for use with medical waste container  
**(51)** Int. Cl.  
*A61B 50/30* ( 2016.01 )  
*A61B 50/36* ( 2016.01 )  
**(87)** WO2017/112870  
**(31)** 62/387,198 **(32)** 23.12.15 **(33)** US  
**(43)** 29.06.2017  
**(44)** 09.12.2021  
**(72)** Henniges, Bruce D.; Phillipp, Christopher; Wallner, Andrew Lee; Chmelar, Erik Vaclav; Vanoss, Jeffrey Lee  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-B-2019257527  
**(21)** 2019257527 **(22)** 01.11.2019  
**(54)** End effector of a surgical robotic manipulator  
**(51)** Int. Cl.  
*A61B 17/16* ( 2006.01 )  
*B23B 31/02* ( 2006.01 )  
*F16D 7/02* ( 2006.01 )  
**(43)** 28.11.2019  
**(44)** 09.12.2021  
**(62)** 2014233309  
**(72)** Staunton, Douglas Alan; Flatt, James  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Sumitomo Electric Industries, Ltd.  
**(11)** AU-B-2016335640  
**(21)** 2016335640 **(22)** 30.09.2016  
**(54)** Enclosure for concentrator photovoltaic device and concentrator photovoltaic device using same  
**(51)** Int. Cl.  
*H02S 30/10* ( 2014.01 )  
*H01L 31/054* ( 2014.01 )  
*H02S 20/10* ( 2014.01 )

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**(87)** WO2017/061335  
**(31)** 2015-197903 **(32)** 05.10.15 **(33)** JP  
**(43)** 13.04.2017  
**(44)** 09.12.2021  
**(72)** Saito, Kenji; Iwasaki, Takashi; Nagai, Youichi; Abiko, Yoshiya; Kojima, Akihiko; Inagaki, Makoto  
**(74)** Spruson & Ferguson

**(71)** Sumitomo Osaka Cement Co., Ltd.  
**(11)** AU-B-2020251260  
**(21)** 2020251260 **(22)** 24.03.2020  
**(54)** Cement composition and method for producing cement composition

**(51)** Int. Cl.  
*C04B 7/02* ( 2006.01 )  
*C04B 14/28* ( 2006.01 )  
*C04B 20/00* ( 2006.01 )  
*C04B 22/14* ( 2006.01 )  
**(87)** WO2020/203490  
**(31)** 2019-068828 **(32)** 29.03.19 **(33)** JP  
**(43)** 08.10.2020  
**(44)** 09.12.2021  
**(72)** SHIMIZU, Jun; YAMADA, Yoh  
**(74)** Shelston IP Pty Ltd.

**(71)** Sun Pharma Advanced Research Company Limited  
**(11)** AU-B-2018235447  
**(21)** 2018235447 **(22)** 15.03.2018  
**(54)** Novel amorphous dispersion of cyclopropanecarboxylic acid (5-{5-[N'-(2chloro-6-methylbenzoyl)hydrazinocarbonyl]-2-methyl-phenylethynyl]-pyridin-2-yl)amide  
**(51)** Int. Cl.  
*C07D 213/16* ( 2006.01 )  
**(87)** WO2018/167803  
**(31)** 201721005409 **(32)** 15.03.17 **(33)** IN  
**(43)** 20.09.2018  
**(44)** 09.12.2021  
**(72)** Zala, Yashoraj; Hanamannavar, Bramhanand; Dharmadhikari, Nitin  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Swick Mining Services Ltd  
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*F16D 1/10* ( 2006.01 )  
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*C08F 220/18* ( 2006.01 )  
*C08L 33/14* ( 2006.01 )  
*C09D 133/14* ( 2006.01 )  
*C09J 133/14* ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
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**C07K 16/28** ( 2006.01 )  
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*C40B 60/00* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )  
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**H04N 5/33** ( 2006.01 )  
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**A46B 5/00** ( 2006.01 )  
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**H01R 13/62** ( 2006.01 )  
**H01R 13/623** ( 2006.01 )  
**H01R 24/20** ( 2011.01 )  
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**A61K 8/25** ( 2006.01 )  
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**G01N 27/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**A23L 33/00** ( 2016.01 )  
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**C12N 11/00** ( 2006.01 )  
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**G08B 29/14** ( 2006.01 )  
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- 
- (71) X-Pole Asia Limited  
 (11) AU-B-2017406638  
 (21) 2017406638 (22) 01.04.2017  
 (54) End assembly for a dance exercise  
 pole  
 (51) Int. Cl.  
*A63B 26/00* ( 2006.01 )  
*F16B 7/14* ( 2006.01 )  
 (87) WO2018/176461  
 (43) 04.10.2018  
 (44) 09.12.2021  
 (72) Coote, Clive Maxwell; Yuan, Yanwei  
 (74) Spruson & Ferguson
- 
- Yissum Research Development Company  
 of the Hebrew University of Jerusalem Ltd.  
 see The State of Israel, Ministry of Agricult-  
 ure & Rural Development, Agricultural Re-  
 search Organization (ARO) (Volcani Cen-  
 ter)**  
 (21) 2016407745
- 
- (71) Yuhan Corporation  
 (11) AU-B-2018308164  
 (21) 2018308164 (22) 25.07.2018  
 (54) Intermediates useful for the synthesis  
 of a selective inhibitor against protein  
 kinase and processes for preparing the  
 same  
 (51) Int. Cl.  
*C07D 403/04* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
 (87) WO2019/022487  
 (31) 10-2017-0096226 (32) 28.07.17 (33) KR  
 (43) 31.01.2019  
 (44) 09.12.2021  
 (72) OH, Sang-Ho; KHOO, Ja-Heouk; LIM,  
 Jong-Chul; LEE, Doo-Byung; LEE,  
 Jung-Ae; LEE, Jun-Sup; JU, Hyun;  
 SHIN, Woo-Seob; JEON, Sang-Seol  
 (74) Shelston IP Pty Ltd.
- 
- (71) Yünteks Tekstil Sanayi VE Ticaret Lim-  
 ited Sirketi  
 (11) AU-B-2020267018  
 (21) 2020267018 (22) 29.04.2020  
 (54) A knitting yarn and a method of forming  
 a knitted product  
 (51) Int. Cl.  
*D04D 7/02* ( 2006.01 )  
*D02G 3/34* ( 2006.01 )  
 (87) WO2020/221838

Applications Accepted - Name Index cont'd

- (31) 19172069.7 (32) 30.04.19 (33) EP  
 (43) 05.11.2020  
 (44) 09.12.2021  
 (72) SENCOPUR, Mehmet Abdullah  
 (74) Collison & Co
- 

- (71) Zimmer US, Inc.  
 (11) AU-B-2020203489  
 (21) 2020203489 (22) 27.05.2020  
 (54) AUGMENTED REALITY THERAPEUT-  
 IC MOVEMENT DISPLAY AND GES-  
 TURE ANALYZER  
 (51) Int. Cl.  
*G06F 3/01* ( 2006.01 )  
*G16C 10/00* ( 2019.01 )  
 (43) 18.06.2020  
 (44) 09.12.2021  
 (62) 2017355505  
 (72) Wells, Richard; Price, Timothy R.;  
 Spooner, Ted; Van Andel, Dave;  
 Dittmer, Travis; Kotwick, John;  
 Leighton, Jason  
 (74) Phillips Ormonde Fitzpatrick

Numerical Index

<b>2015270238</b>	Oxitec Limited	<b>2016362495</b>	Memorial Sloan-Kettering Cancer Center
<b>2015280326</b>	The Board of Trustees of the Leland Stanford Junior University	<b>2016364992</b>	University of Iowa Research Foundation
<b>2015311704</b>	Selecta Biosciences, Inc.	<b>2016367428</b>	Fisher & Paykel Healthcare Limited
<b>2015311705</b>	Selecta Biosciences, Inc.	<b>2016367586</b>	Kobayashi Pharmaceutical Co., Ltd.
<b>2015311707</b>	Selecta Biosciences, Inc.	<b>2016367587</b>	Kobayashi Pharmaceutical Co., Ltd.
<b>2015329958</b>	Phico Therapeutics Ltd	<b>2016369036</b>	Pierre Fabre Dermo-Cosmetique
<b>2015338993</b>	Temple University of The Commonwealth	<b>2016370574</b>	Stryker Corporation
<b>2015360420</b>	Wisconsin Alumni Research Foundation	<b>2016371265</b>	Prostar Energy Technologies (USA) LLC
<b>2015362687</b>	Amgen Inc.	<b>2016372158</b>	Videri, Inc.; Trachtenberg, M.; Gariepy, F.
<b>2015363008</b>	Janssen Biotech, Inc.	<b>2016374652</b>	Oldnall, C.
<b>2015364602</b>	The Regents of the University of California	<b>2016377243</b>	Aker Solutions AS
<b>2015412762</b>	Transitions Optical, Inc.	<b>2016377686</b>	Stryker Corporation
<b>2015418015</b>	NuCana plc	<b>2016378819</b>	Turun Yliopisto
<b>2016214978</b>	The University of Queensland	<b>2016378831</b>	Waga Energy
<b>2016217654</b>	UCL Business LTD	<b>2016381148</b>	Shenzhen Kyd Biomedical Technology Co.Ltd
<b>2016218479</b>	Voxelgrids Innovations Private Limited	<b>2016381397</b>	Flooring Industries Limited, Sarl
<b>2016223336</b>	ProQR Therapeutics II B.V.	<b>2016382963</b>	3M Innovative Properties Company
<b>2016225111</b>	Board of Regents, The University of Texas System	<b>2016385130</b>	Great Southern Motor Company Pty. Ltd.
<b>2016225277</b>	UCL Business Ltd	<b>2016389173</b>	Reifenhäuser GmbH & Co. KG Maschinenfabrik
<b>2016243043</b>	Memorial Sloan Kettering Cancer Center	<b>2016389386</b>	Adaptix Ltd
<b>2016246391</b>	The Climate Corporation	<b>2016396981</b>	ResMan AS
<b>2016251223</b>	UCB Biopharma SRL	<b>2016407745</b>	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center); Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
<b>2016258171</b>	SeraCare Life Sciences, Inc.	<b>2016416417</b>	Razer (Asia-Pacific) Pte. Ltd.
<b>2016258885</b>	Vakzine Projekt Management GmbH	<b>2016424204</b>	Halliburton Energy Services, Inc.
<b>2016259020</b>	Baylor College of Medicine	<b>2016426599</b>	Adaptix Ltd.
<b>2016259287</b>	PETROLEO BRASILEIRO S.A. - PETROBRAS	<b>2016427800</b>	Kimberly-Clark Worldwide, Inc.
<b>2016259971</b>	Murdoch University	<b>2016431869</b>	AMOLifeScience Co., Ltd.; Kollodis BioSciences, Inc.
<b>2016265677</b>	MedImmune, LLC	<b>2017200118</b>	King Technology, Inc.
<b>2016267392</b>	ImmuneXpress Pty Ltd	<b>2017200788</b>	Covidien LP
<b>2016267611</b>	Ecolab USA Inc.	<b>2017200920</b>	Progress Rail Locomotive Inc.
<b>2016268710</b>	Kirin Holdings Kabushiki Kaisha	<b>2017201749</b>	Armor Solar Power Films
<b>2016269848</b>	Intravital Pty Ltd	<b>2017201957</b>	Sysmex Corporation
<b>2016272688</b>	Shandong Agricultural University	<b>2017204070</b>	Johnson & Johnson Consumer Inc.
<b>2016273946</b>	National Oilwell Varco, L.P.	<b>2017204678</b>	Erytech Pharma
<b>2016275030</b>	NantKwest, Inc.	<b>2017205134</b>	Maricap Oy
<b>2016275295</b>	King's College London	<b>2017212147</b>	3DMorphic Pty Ltd
<b>2016279930</b>	N/C Quest Inc.	<b>2017215895</b>	PassPort Technologies, Inc.
<b>2016282198</b>	Kraftig Industries Pty Ltd	<b>2017218928</b>	SolarWinds Worldwide, LLC
<b>2016286296</b>	Haldor Topsøe A/S	<b>2017219894</b>	Tesseract Health, Inc.
<b>2016298210</b>	Board of Regents, The University of Texas System	<b>2017222642</b>	Partnership For Clean Competition
<b>2016305545</b>	GW Research Limited	<b>2017223417</b>	Abiomed, Inc.
<b>2016309951</b>	Nowakowski, K.T.	<b>2017223492</b>	Open Water Power, Inc.
<b>2016311057</b>	Hip Innovation Technology, LLC	<b>2017223845</b>	Nanosys, Inc.
<b>2016312905</b>	Bayer Pharma Aktiengesellschaft	<b>2017226244</b>	Daihen Corporation
<b>2016323794</b>	BCR Environmental Corporation	<b>2017228220</b>	Fisher & Paykel Healthcare Limited
<b>2016324150</b>	Jaquish Biomedical Corporation	<b>2017229282</b>	Maschinenfabrik Reinhausen GmbH
<b>2016327445</b>	SJC IP Holdings Pty Ltd	<b>2017231591</b>	Albertz, J.
<b>2016331926</b>	Berkeley Lights, Inc.	<b>2017232029</b>	Rohm and Haas Company
<b>2016335360</b>	Thorn Security Limited	<b>2017234997</b>	Equinor Energy AS
<b>2016335365</b>	Centauri Therapeutics Limited	<b>2017236200</b>	Motus Weighing AB
<b>2016335640</b>	Sumitomo Electric Industries, Ltd.	<b>2017237914</b>	CommScope Technologies LLC
<b>2016340025</b>	Kasada Pty Ltd	<b>2017238647</b>	Tragara Pharmaceuticals, Inc.
<b>2016340125</b>	InBios International, Inc.	<b>2017241541</b>	Warsaw Orthopedic, Inc.
<b>2016340360</b>	Impero, P.	<b>2017248279</b>	Tyco Fire Products LP
<b>2016340808</b>	SharkNinja Operating LLC	<b>2017248721</b>	In2Bones USA, LLC; Wahl, R.; Taylor, A.; Chambers, C.
<b>2016342387</b>	Rigshospitalet	<b>2017256288</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited
<b>2016349872</b>	Kimberly-Clark Worldwide, Inc.	<b>2017260566</b>	Raytheon Company
<b>2016351924</b>	The Queen's University of Belfast	<b>2017261278</b>	CardioScout Solutions, Inc.
<b>2016352685</b>	DSM IP Assets B.V.	<b>2017261355</b>	Certa Dose, Inc.
<b>2016352877</b>	DDSports, Inc.	<b>2017261390</b>	GeoQuest Systems B.V.
<b>2016353089</b>	Phyn LLC	<b>2017263240</b>	Agquam LLC
<b>2016354672</b>	Swick Mining Services Ltd	<b>2017268029</b>	Genesys Electronics Design Pty Ltd
<b>2016357247</b>	3VO Medical, Inc.	<b>2017269261</b>	Covidien LP
<b>2016358092</b>	ChampionX USA Inc.	<b>2017271955</b>	Qualcomm Incorporated
<b>2016359473</b>	Schlumberger Technology B.V.		
<b>2016360700</b>	Electrolux Appliances Aktiebolag		
<b>2016360847</b>	HCP Healthcare Asia Pte. Ltd		

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2017273450	United Surgical, Inc.	2018246355	iTeos Belgium SA
2017274518	A Big Chunk of Mud LLC	2018249955	KnowFlame, Inc.
2017275663	Sanofi Pasteur Inc.	2018260180	BASF SE
2017277839	Dow AgroSciences LLC	2018260314	Pharma Mar, S.A.
2017278084	UWM Research Foundation, Inc.	2018270923	Apex Industrial Technologies LLC
2017278340	Nanosys, Inc.	2018284929	Koki Holdings Co., Ltd.
2017283257	Soreq Nuclear Research Center; Security Matters Ltd.	2018291556	Agency for Science, Technology and Research; LION TCR PTE. LTD.
2017285371	Alcon Inc.	2018302984	Gemtier Medical (Jiangsu) Inc.
2017286616	Reckitt Benckiser (Brands) Limited	2018304458	Genentech, Inc.; Foundation Medicine, Inc.
2017290753	Click Diagnostics, Inc.	2018308164	Yuhan Corporation
2017291490	Qualcomm Incorporated	2018321163	Stora Enso Oyj
2017295144	Dätwyler Sealing Technologies Deutschland GmbH	2018324397	Omnicell, Inc.
2017301114	TMA Capital Australia Pty Ltd	2018326242	The NOCO Company
2017302611	Regeneron Pharmaceuticals, Inc.	2018334499	DashAmerica Inc. d.b.a. Pearl Izumi USA, Inc.
2017305240	Aptinyx Inc.	2018335617	AstraZeneca AB
2017306062	Vaccinex, Inc.	2018338277	Morinaga Milk Industry Co., Ltd.
2017308914	Magic Leap, Inc.	2018344309	Lenzing Aktiengesellschaft
2017315164	Sandoz AG	2018348113	Pear Therapeutics, Inc.
2017317022	Baylor College of Medicine	2018348287	thyssenkrupp AG; thyssenkrupp Industrial Solutions AG
2017317600	Magic Leap, Inc.	2018352201	Illumina, Inc.
2017318511	Millet Innovation	2018360214	Jiangsu Shemar Electric Co., Ltd.
2017318576	CA Casyso GmbH; Hillman, R.	2018366482	Agrirevolution
2017318610	The Board of Trustees of The University of Illinois	2018368588	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2017318650	Société des Produits Nestlé S.A.	2018373453	Riken
2017320240	Shin-Etsu Chemical Co., Ltd.	2018381377	Asia Air Survey Co., Ltd.
2017320303	Samsung Electronics Co., Ltd.	2018384084	Monash University; Commonwealth Scientific and Industrial Research Organisation; Board of Regents, The University of Texas System
2017321294	The Regents of The University of California	2018384555	Wisk Aero LLC
2017321840	Toppan Printing Co., Ltd.	2018385236	Axon Enterprise, Inc.
2017323648	Dematic Corp.	2018386434	SILEC Cable
2017325511	National University of Singapore; Singapore Health Services Pte Ltd	2018386879	Inventio AG
2017326171	The Regents of the University of Michigan	2018390450	The Gillette Company LLC
2017326287	BASF SE	2018395259	PayPal, Inc.
2017330277	Qualcomm Incorporated	2018398529	Mitsubishi Power, Ltd.
2017335710	Tel-Array Diagnostics Inc.	2018403910	Huawei Technologies Co., Ltd.
2017339069	THALES	2018405017	Huawei Technologies Co., Ltd.
2017343638	Research Triangle Institute	2018411567	Simonsen, D.
2017345609	General Electric Company	2018427414	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017348322	Icahn School of Medicine at Mount Sinai	2018428244	Shanghai Townew Intelligent Technology Co., Ltd.
2017350022	Triboron International AB	2018429318	Wright Medical Technology, Inc.
2017353417	Thales	2018431627	Chong, P.
2017353999	Intergraph Corporation	2018437491	Jiangnan University
2017354734	Wassenburg Medical B.V.	2019200721	Adobe Inc.
2017355743	NTT DoCoMo, Inc.	2019201608	The Broad Institute, Inc.; Massachusetts Institute of Technology
2017359023	Bristol-Myers Squibb Company	2019205973	Adobe Inc.
2017363597	True Manufacturing Co., Inc.	2019206669	Qualcomm Incorporated
2017366726	The UAB Research Foundation; The University of Tokyo	2019210710	Ion Opticks Research Pty Ltd
2017369454	Dahl, B.	2019211429	Conductix, Inc.
2017375033	Dentsply DeTrey GmbH	2019211885	Huawei Technologies Co., Ltd.
2017375365	Sika Technology AG	2019213305	Amgen Inc.; Amgen Fremont Inc.
2017379296	Syngenta Participations AG	2019224127	Rhodes Technologies
2017379297	Syngenta Participations AG	2019227711	Rosemount Inc.
2017382854	Huntsman Advanced Materials Licensing (Switzerland) GmbH	2019229638	Ocado Innovation Limited
2017386070	Teko Telecom S.r.l.	2019230746	Hence Construction Co., Ltd.; Seo, G.
2017390111	General Electric Company	2019230758	Huawei Technologies Co., Ltd.
2017394667	Mega Slam Hoops, LLC	2019232685	Rosemount Inc
2017397426	Stepan Company	2019236595	Transmedics, Inc.
2017403899	Novomics Co., Ltd.	2019236669	Schopf, J.; Schopf, M.
2017406638	X-Pole Asia Limited	2019240574	Aravax Pty Ltd
2017424129	Deyi Pharmarmaceutical Ltd.	2019240595	Ayr Ltd
2017428404	Outotec (Finland) Oy	2019241116	Vivo Mobile Communication Co.,Ltd.
2017436890	Mitsubishi Electric Corporation	2019242574	UV Partners, Inc.
2018200186	CNH Industrial America LLC	2019245481	Boshoff, L.
2018204677	Cristaudo, A.	2019245665	Unilever Global IP Limited
2018207260	Le, V.S.; Le, M.K.	2019246811	TOOLSPACE PTY LTD
2018224839	Ivanti, Inc.	2019246877	Decathlon
2018234027	Daiichi Sankyo Company, Limited	2019247677	Becton Dickinson and Company Limited
2018235447	Sun Pharma Advanced Research Company Limited		
2018237306	Ionis Pharmaceuticals, Inc.		
2018243114	Taipei Medical University		

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2019248309	Huawei Technologies Co., Ltd.	2020200948	University of Washington; Adverum Biotechnologies, Inc.
2019250255	Maxeon Solar Pte. Ltd.	2020201011	INCYTE HOLDINGS CORPORATION
2019253020	SWIMC LLC	2020201140	The United States of America, as represented by the Secretary, Department of Health and Human Services
2019253850	MAX CO., LTD.	2020201325	Foundation Medicine, Inc.
2019253860	Ab Initio Technology LLC	2020201510	Johnson & Johnson Consumer Companies, Inc.
2019257464	AMARIN PHARMACEUTICALS IRELAND LIMITED	2020201709	Incyte Holdings Corporation
2019257527	Stryker Corporation	2020201724	UAV Engines Ltd
2019257534	Ichnos Sciences SA	2020201811	4C Medical Technologies, Inc.
2019260217	Shenzhen Chipscreen Biosciences Co., Ltd.	2020201842	LG Electronics Inc.
2019261678	Covco (H.K.) Limited	2020201868	The Coca-Cola Company
2019264514	Novartis AG	2020201883	Accenture Global Solutions Limited
2019264530	eBet Limited	2020202288	Koninklijke Philips N.V.
2019264704	Metisa Biotechnology Co., Ltd	2020202697	Profusa, Inc.
2019266054	Apple Inc.	2020202800	OpenTV, Inc.
2019270967	The Procter & Gamble Company	2020203440	Rite-Hite Holding Corporation
2019271940	Fresenius Medical Care Holdings, Inc.	2020203489	Zimmer US, Inc.
2019271959	CFPH, LLC	2020203503	Virsec Systems, Inc.
2019273689	Nicoventures Trading Limited	2020203674	Omega Life Science Limited
2019277096	CHEP Technology Pty Limited	2020203712	State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company; Nanjing Yuanneng Electric Power Engineering Co., Ltd.; Nanjing Herui Supply Chain Management Co., Ltd.
2019277098	CHEP Technology Pty Limited	2020203823	ImmunoGen, Inc.
2019280020	Next Science IP Holdings Pty Ltd	2020204061	Hanablend, LLC
2019283822	Abiomed Europe GmbH	2020204213	Shukla Medical
2019283864	Illinois Tool Works Inc.	2020204294	Transocean Innovation Labs, Ltd
2019283898	Genmab A/S	2020204391	iSTAR Medical
2019283948	Fisher & Paykel Healthcare Limited	2020204467	Wing Aviation LLC
2019283949	Applied Medical Resources Corporation	2020205275	Interactive Intelligence Group, Inc.
2019284032	SKINPROTECT CORPORATION SDN BHD	2020205349	Bausch Health Ireland Limited
2019284044	Smith & Nephew plc	2020210185	Biosceptre (Aust) Pty Ltd
2019284488	Wing Aviation LLC	2020210254	ESCO Group LLC
2019294498	Alarm.com Incorporated	2020213344	Cheetah Medical, Inc.
2019295815	Advanced New Technologies Co., Ltd.	2020216145	Smylio Inc.
2019297084	Borchers Catalyst (UK) Limited	2020220231	Koodaideri Innovation & Technology Pty Ltd
2019301299	Neteera Technologies Ltd.	2020222346	Novartis AG
2019304032	AstraZeneca AB	2020225233	RKW SE
2019304892	ViaLase, Inc.	2020227064	Mathurin, T.
2019310549	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020227100	Ricoh Company, Ltd.
2019312838	Nicoventures Trading Limited	2020230319	DEKA Products Limited Partnership
2019315364	Motorola Solutions, Inc.	2020233782	Truma Geratetechnik GmbH & Co. KG
2019316315	Janome Sewing Machine Co., Ltd.	2020234997	BHM IP PTY. LTD.
2019318862	BOE Technology Group Co., Ltd.	2020241308	AST & Science, LLC
2019318976	LG Electronics Inc.	2020241738	Motorola Solutions, Inc.
2019325228	VMware, Inc.	2020245087	Streamroot
2019326047	CMR Surgical Limited	2020250205	Ab Initio Technology LLC
2019332965	Watt Fuel Cell Corp.	2020250298	Smartwash Solutions, LLC
2019336254	NeoChord, Inc.	2020251260	Sumitomo Osaka Cement Co., Ltd.
2019336595	Northrop Grumman Systems Corporation	2020251920	Nokian Renkaat Oyj
2019337548	Covidien LP	2020254409	Motorola Solutions, Inc.
2019339315	CACI, INC. - Federal	2020255673	SOLIDpower (Australia) Pty Ltd
2019346458	Miraki Innovation Think Tank, LLC	2020256387	Beijing Baidu Netcom Science and Technology Co., Ltd.
2019357613	Element Science, Inc.	2020260488	Apple Inc.
2019359024	Waterise AS	2020260530	Hip Innovation Technology, LLC
2019361879	Colgate-Palmolive Company	2020260546	Bullfrog International, LC
2019363115	Medshine Discovery Inc.	2020267018	Yünteks Tekstil Sanayi VE Ticaret Limited Sirketi
2019363840	Pfizer Inc.	2020267168	Neutrik AG
2019363904	Tecmen Electronics Co., Ltd.	2020267175	Kortek Industries Pty Ltd
2019386712	Intuit Inc.	2020267218	Microsoft Technology Licensing, LLC
2019400907	Airbus Defence and Space SAS	2020273311	Transportation IP Holdings, LLC
2019402013	Steerlife India Private Limited	2020276320	Kidverter Pty Ltd
2019408633	Dajocare Technology (Shenzhen) Co., Ltd.	2020286296	Smiths Medical ASD, Inc.
2019416327	3D Glass Solutions, Inc.	2020289788	Google LLC
2019419781	Seoul Robotics Co.,Ltd.	2020289883	Musculoskeletal Transplant Foundation; The Methodist Hospital
2019422113	Guangzhou University	2020335029	Haemograph Pty Ltd
2019438341	China University of Mining and Technology	2021200073	Armstrong World Industries, Inc.
2019438357	Qingdao University of Technology	2021200959	Natreon, Inc.
2020200042	Radio Flyer Inc.	2021201402	Waymo LLC
2020200214	Molecular Insight Pharmaceuticals, Inc.	2021202083	Braun GmbH
2020200342	Modular Innovations Pty Ltd		
2020200421	Meural Inc.		
2020200496	Genmab A/S		
2020200790	LOGGO IP PTY LTD		

**Applications Accepted - Numerical Index cont'd**

**2021202733** Hewlett-Packard Development Company, L.P.  
**2021204355** Bigfoot Biomedical, Inc.  
**2021205020** SOLITON HOLDINGS CORPORATION, DELAWARE  
CORPORATION  
**2021250884** Opus Medical Therapies, LLC  
**2021250890** ESCO Group LLC  
**2021266238** Lashify, Inc.



IPC Index

<b>A01B 11 /-</b>	<b>A01P 1 /-</b>	2021266238	<b>A47K 7 /-</b>	2021202083	2017326171
2018366482	2019280020	<b>A45D 33 /-</b>	2016349872	<b>A61C 19 /-</b>	2017343638
<b>A01B 35 /-</b>	<b>A01P 7 /-</b>	2016327445	<b>A47L 9 /-</b>	2019361879	2017359023
2018366482	2019264704	<b>A45D 37 /-</b>	2020201842	<b>A61C 7 /-</b>	2017424129
<b>A01B 37 /-</b>	<b>A23C 9 /-</b>	2020201510	<b>A61B 1 /-</b>	2020216145	2018234027
2018366482	2016407745	<b>A45D 40 /-</b>	2017261278	<b>A61F 13 /-</b>	2018246355
<b>A01B 45 /-</b>	<b>A23K 10 /-</b>	2020201510	2017354734	2019284044	2018260314
2016279930	2017318650	<b>A46B 17 /-</b>	2019326047	2020225233	2018291556
<b>A01B 77 /-</b>	<b>A23K 20 /-</b>	2018390450	<b>A61B 17 /-</b>	<b>A61F 2 /-</b>	2018308164
2018366482	2017318650	<b>A46B 5 /-</b>	2016370574	2016311057	2018335617
<b>A01B 79 /-</b>	<b>A23K 50 /-</b>	2018390450	2016381148	2017212147	2019213305
2016279930	2017318650	<b>A46B 9 /-</b>	2017200788	2019346458	2019224127
<b>A01C 21 /-</b>	<b>A23L 33 /-</b>	2018390450	2017248721	2020201811	2019260217
2016279930	2016268710	<b>A47B 85 /-</b>	2018429318	2020260530	2019304032
<b>A01C 23 /-</b>	2016407745	2018390450	2019257527	2020289883	2019363115
2016279930	2018338277	<b>A47D 1 /-</b>	2019336254	2021250884	2019363840
<b>A01D 34 /-</b>	<b>A23N 15 /-</b>	2020276320	2019337548	<b>A61F 5 /-</b>	2020201011
2018200186	2017231591	<b>A47B 11 /-</b>	2019346458	2017273450	2020222346
<b>A01D 46 /-</b>	<b>A24B 15 /-</b>	2020276320	<b>A47D 11 /-</b>	2017318511	<b>A61K 35 /-</b>
2017231591	2019273689	<b>A47D 13 /-</b>	2017212147	2020234997	2015362687
<b>A01G 3 /-</b>	2019312838	2019245481	2017269261	<b>A61F 9 /-</b>	2016259020
2017231591	<b>A24F 15 /-</b>	<b>A47D 7 /-</b>	2019337548	2016342387	2016275030
<b>A01H 5 /-</b>	2019240595	2020276320	2019346458	2017204678	2016342387
2016272688	<b>A24F 47 /-</b>	<b>A47D 9 /-</b>	<b>A61B 18 /-</b>	2017241541	2017204678
<b>A01N 1 /-</b>	2019240595	2020276320	2019337548	2017325511	2018291556
2019236595	2019273689	<b>A47D 13 /-</b>	<b>A61B 34 /-</b>	2020210185	2020200959
<b>A01N 25 /-</b>	2019312838	2019245481	2017285371	<b>A61K 36 /-</b>	2016305545
2017263240	<b>A41D 1 /-</b>	2020276320	2019304892	<b>A61K 38 /-</b>	2016225111
2017277839	2018334499	<b>A47D 7 /-</b>	2019363904	2016265677	2016268710
2019280020	<b>A41D 19 /-</b>	2020276320	2020204391	2016275295	2016351924
<b>A01N 33 /-</b>	2019261678	<b>A47D 13 /-</b>	<b>A61H 33 /-</b>	2017204678	2017317022
2017263240	2019284032	2019245481	2020260546	2017318610	2017317022
<b>A01N 37 /-</b>	<b>A41D 7 /-</b>	2020276320	<b>A61J 1 /-</b>	2018324397	2017318610
2019264704	2018334499	<b>A47G 1 /-</b>	2016367586	2019247677	2018338277
2019280020	<b>A41D 19 /-</b>	2016327445	2016367587	<b>A61J 7 /-</b>	2019213305
<b>A01N 43 /-</b>	2019261678	2018270923	2018324397	<b>A61K 39 /-</b>	2020200214
2017277839	2019284032	<b>A47G 29 /-</b>	<b>A61K 131 /-</b>	2015311705	2015311707
2017379297	<b>A41D 7 /-</b>	2016327445	2019240574	2016214978	2016258885
2018260180	<b>A41G 5 /-</b>	2018270923	<b>A61K 31 /-</b>	2016259020	2016259020
<b>A45D 26 /-</b>	2021266238	2018270923	2016275030	2016275030	2016351924
		<b>A47J 31 /-</b>	2017366726	2018243114	2017366726
		2016340808	2018304458	2019213305	2018304458
		<b>A47K 10 /-</b>	2019213305	2019240574	2019213305
		2016427800	2019240574	<b>A61K 45 /-</b>	2016305545
		<b>A47K 5 /-</b>	2016377686	2017241541	2017241541
		2016327445	<b>A61B 6 /-</b>	2019213305	2019213305
		2018270923	2016389386		
		<b>A47K 10 /-</b>	<b>A61B 90 /-</b>		
		2016427800	2017269261		
		<b>A47K 5 /-</b>	2019346458		
		2016327445	<b>A61C 17 /-</b>		
			2019408633		

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<b><u>A61K 47 /-</u></b>	2016357247 2017223417 2017261278 2020286296	2019213305 2019260217		2018384084	2020202288
2016214978 2016269848 2016298210 2016335365 2016351924	<b><u>A61M 29 /-</u></b>	2016268710 2016275295 2018338277 2019260217 2019363840	<b><u>A61Q 19 /-</u></b>	<b><u>B01D 69 /-</u></b>	<b><u>B21F 15 /-</u></b>
<b><u>A61K 48 /-</u></b>	2017261278		2016369036	2018384084	2019253850
2016217654 2016225277 2016243043	<b><u>A61M 35 /-</u></b>		<b><u>A61Q 90 /-</u></b>	<b><u>B01F 13 /-</u></b>	<b><u>B21F 7 /-</u></b>
<b><u>A61K 51 /-</u></b>	2017215895		2017204070	2020204061	2019253850
2020200214	<b><u>A61M 37 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>A62B 18 /-</u></b>	<b><u>B01F 15 /-</u></b>	<b><u>B22F 9 /-</u></b>
<b><u>A61K 6 /-</u></b>	2017318576 2020335029	2017315164 2017326171 2017366726 2018291556	2017228220	2020204061	2017390111
2017375033	<b><u>A61M 39 /-</u></b>		<b><u>A63B 21 /-</u></b>	<b><u>B01F 7 /-</u></b>	<b><u>B23B 31 /-</u></b>
<b><u>A61K 8 /-</u></b>	<b><u>A61M 5 /-</u></b>	<b><u>A61P 35 /-</u></b>	2016282198 2016324150	2020204061	2019257527
2016369036 2017204070 2019270967 2021200959	2017261355 2018302984 2019247677 2020335029 2021204355	2015418015 2016298210 2016335365 2016362495 2017204678 2017326171 2018234027 2018243114 2018246355 2018260314 2018291556 2018335617 2019260217 2019363115 2019363840 2020210185 2020222346	<b><u>A63B 26 /-</u></b>	<b><u>B01J 20 /-</u></b>	<b><u>B25B 25 /-</u></b>
<b><u>A61K 9 /-</u></b>	<b><u>A61N 1 /-</u></b>		2017406638	2018384084	2019253850
2015311705 2015311707 2016225111 2016269848 2016298210 2020201011	2017215895 2019357613		<b><u>A63B 33 /-</u></b>	<b><u>B01J 23 /-</u></b>	<b><u>B25B 9 /-</u></b>
<b><u>A61L 101 /-</u></b>	<b><u>A61P 1 /-</u></b>		2017228220	2017320240	2021266238
2019280020	2019363840		<b><u>A63B 63 /-</u></b>	<b><u>B01J 29 /-</u></b>	<b><u>B25F 5 /-</u></b>
<b><u>A61L 2 /-</u></b>	<b><u>A61P 11 /-</u></b>	<b><u>A61P 37 /-</u></b>	2017394667	2017278084	2018284929
2019242574 2019280020	2016225111 2017359023 2017424129	2016259020 2017325511 2017326171 2018291556 2019213305 2019240574 2019260217 2019363840	<b><u>A63B 69 /-</u></b>	<b><u>B01J 35 /-</u></b>	<b><u>B29C 41 /-</u></b>
<b><u>A61L 27 /-</u></b>	<b><u>A61P 13 /-</u></b>		2017394667	2017320240	2019261678
2017241541 2020289883	2019363840		<b><u>A63F 13 /-</u></b>	2016331926 2016340125 2017290753 2017318576	2019346458
<b><u>A61L 9 /-</u></b>	<b><u>A61P 17 /-</u></b>	<b><u>A61P 41 /-</u></b>	<b><u>A63F 9 /-</u></b>	<b><u>B01L 3 /-</u></b>	<b><u>B29C 64 /-</u></b>
2017286616 2019242574	2019363840	2016269848	2019271959	<b><u>B01L 7 /-</u></b>	<b><u>B29D 11 /-</u></b>
<b><u>A61M 1 /-</u></b>	<b><u>A61P 19 /-</u></b>		<b><u>A63G 1 /-</u></b>	2017290753	2015412762
2016382963 2019283822 2020230319	2016265677 2017241541 2019213305 2019363840		2019422113	<b><u>B02C 17 /-</u></b>	<b><u>B32B 25 /-</u></b>
<b><u>A61M 11 /-</u></b>	<b><u>A61P 25 /-</u></b>	<b><u>A61P 5 /-</u></b>	<b><u>B01D 11 /-</u></b>	2016374652	2020225233
2020203674	2016268710 2017305240 2019224127 2019260217 2019363840	2016259020 2017325511 2017326171 2018291556 2019213305 2019240574 2019260217 2019363840	2019271940	<b><u>B05B 17 /-</u></b>	2017320240 2018384555 2020225233
<b><u>A61M 16 /-</u></b>	<b><u>A61P 27 /-</u></b>	<b><u>A61P 7 /-</u></b>	<b><u>B01D 15 /-</u></b>	2016335360	<b><u>B32B 3 /-</u></b>
2016367428 2017228220 2019283948	2019363840	2016269848	2018207260 2019257534	<b><u>B05C 17 /-</u></b>	2018384555 2020225233
<b><u>A61M 25 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>A61P 9 /-</u></b>	<b><u>B01D 25 /-</u></b>	2016367586 2016367587	<b><u>B32B 37 /-</u></b>
2016268710	2016268710 2017305240 2019224127 2019260217 2019363840	2019363840	2017428404	<b><u>B05D 5 /-</u></b>	2020225233
	<b><u>A61Q 11 /-</u></b>	<b><u>A61P 29 /-</u></b>	<b><u>B01D 47 /-</u></b>	2015364602	<b><u>B32B 5 /-</u></b>
	2019270967	2017325511 2019363840	2016279930	2018348287	2020225233
	<b><u>A61Q 17 /-</u></b>		<b><u>B01D 53 /-</u></b>	<b><u>B07B 1 /-</u></b>	<b><u>B32B 7 /-</u></b>
	2016369036	2019260217 2019304032	2016279930 2016378831	2018348287	2020225233
		<b><u>A61Q 11 /-</u></b>	<b><u>B01D 61 /-</u></b>	2017283257	<b><u>B33Y 30 /-</u></b>
		2019270967	2018384084 2019271940 2019359024	<b><u>B07C 5 /-</u></b>	2019346458
		<b><u>A61Q 17 /-</u></b>	<b><u>B01D 67 /-</u></b>	<b><u>B08B 17 /-</u></b>	<b><u>B41J 29 /-</u></b>
		2016369036			2021202733

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<b>B42D 25 /-</b>	<b>B64D 45 /-</b>	2018386879	2019297084	2018246355	<b>C07K 7 /-</b>
2017321840	2020204467	<b>B66C 13 /-</b>	<b>C07D 257 /-</b>	<b>C07D 498 /-</b>	2020205349
<b>B60C 23 /-</b>	<b>B64G 1 /-</b>	2019211429	2020200214	2017238647	<b>C08F 220 /-</b>
2020251920	2019400907	<b>B81B 7 /-</b>	<b>C07D 277 /-</b>	2017305240	2019253020
<b>B60G 7 /-</b>	<b>B65B 9 /-</b>	2017335710	2018260180	2017326171	<b>C08G 18 /-</b>
2017323648	2016312905	<b>B82Y 20 /-</b>	<b>C07D 401 /-</b>	2020203823	2017382854
<b>B60P 7 /-</b>	<b>B65D 1 /-</b>	2017223845	2017325511	<b>C07D 513 /-</b>	<b>C08G 63 /-</b>
2019246811	2020201868	<b>C02F 1 /-</b>	2017343638	<b>C07D 515 /-</b>	2019297084
<b>B60W 30 /-</b>	<b>B65D 19 /-</b>	2017200118	2017348322	2018260314	<b>C08G 69 /-</b>
2017323648	2019277096	2017223492	2017379296	<b>C07F 5 /-</b>	2017326287
2019419781	2019277098	2019271940	2019260217	2020201709	<b>C08J 3 /-</b>
<b>B60W 40 /-</b>	<b>B65D 47 /-</b>	2019359024	<b>C07D 403 /-</b>	<b>C07F 7 /-</b>	2018437491
2019419781	2016367586	<b>C02F 103 /-</b>	2017343638	2020201709	<b>C08J 5 /-</b>
<b>B61L 15 /-</b>	2016367587	2019359024	2018308164	<b>C07F 9 /-</b>	2018437491
2017200920	<b>B65D 5 /-</b>	<b>C02F 11 /-</b>	2019260217	<b>C07F 9 /-</b>	<b>C08J 9 /-</b>
<b>B62B 1 /-</b>	2018321163	<b>C04B 14 /-</b>	<b>C07D 405 /-</b>	2017375033	2018437491
2019246811	<b>B65D 75 /-</b>	2020251260	<b>C07D 409 /-</b>	<b>C07H 15 /-</b>	<b>C08K 5 /-</b>
2020200042	2016312905	<b>C04B 20 /-</b>	2017348322	2016335365	2017375365
<b>B62B 3 /-</b>	<b>B65D 83 /-</b>	<b>C04B 20 /-</b>	<b>C07D 411 /-</b>	2017397426	2019297084
2020200042	2018324397	2020251260	2019260217	<b>C07H 21 /-</b>	2021200073
<b>B62B 7 /-</b>	<b>B65F 1 /-</b>	<b>C04B 22 /-</b>	<b>C07D 413 /-</b>	2017318610	<b>C08L 13 /-</b>
2020200042	2018428244	2020251260	2017325511	2020200948	2019284032
<b>B62B 9 /-</b>	<b>B65F 5 /-</b>	<b>C04B 35 /-</b>	2018308164	<b>C07J 9 /-</b>	<b>C08L 23 /-</b>
2020200042	2017205134	2017353417	<b>C07D 417 /-</b>	2017241541	2017375365
<b>B62D 6 /-</b>	<b>B65F 9 /-</b>	<b>C04B 7 /-</b>	2018260180	<b>C07K 1 /-</b>	<b>C08L 33 /-</b>
2017323648	2017205134	2020251260	2019363115	2016251223	2019253020
<b>B63B 59 /-</b>	<b>B65G 1 /-</b>	<b>C06D 3 /-</b>	<b>C07D 471 /-</b>	2020205349	2017375033
2020202288	2019229638	2018249955	2017315164	<b>C07K 14 /-</b>	2019253020
<b>B64C 11 /-</b>	<b>B65G 43 /-</b>	<b>C06D 7 /-</b>	2017359023	2016275030	<b>C08L 67 /-</b>
2018384555	2019229638	2018249955	2017379297	2017275663	2018437491
<b>B64C 29 /-</b>	<b>B65G 53 /-</b>	<b>C07B 61 /-</b>	<b>C07D 475 /-</b>	2017302611	2021200073
2018384555	2017205134	2018234027	2019213305	2017306062	<b>C08L 89 /-</b>
<b>B64C 39 /-</b>	<b>B65H 49 /-</b>	<b>C07C 237 /-</b>	<b>C07D 487 /-</b>	2017317022	2018437491
2020204467	2020203712	2019264704	2018260180	2017318610	2020205349
<b>B64D 1 /-</b>	<b>B65H 54 /-</b>	<b>C07D 213 /-</b>	2019224127	2020205349	<b>C07K 16 /-</b>
2020204467	2020203712	2018235447	<b>C07D 489 /-</b>	<b>C07K 16 /-</b>	2018437491
<b>B64D 31 /-</b>	<b>B65H 75 /-</b>	<b>C07D 231 /-</b>	2019224127	2016243043	<b>C09D 11 /-</b>
2019284488	2020203712	2016267611	<b>C07D 491 /-</b>	2016251223	2019245665
		2020201709	2017359023	2016275030	<b>C09D 127 /-</b>
	<b>B66B 1 /-</b>	<b>C07D 255 /-</b>	<b>C07D 497 /-</b>	2016378819	2017320240
				2018243114	<b>C09D 133 /-</b>
				2019213305	2017232029
				2019257534	2017375365
				2019264514	2019253020
				2019283898	
				2020200496	
				<b>C07K 19 /-</b>	
				2020210185	<b>C09D 167 /-</b>

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2019297084 2021200073	<b>C10L 1 /-</b>	<b>C12N 7 /-</b>	2017335710	<b>E02D 17 /-</b>	2016377243
<b>C09D 175 /-</b>	2017350022	2015329958 2015362687	<b>D01D 5 /-</b>	2019230746 2020200342	<b>E21B 23 /-</b>
2021200073	<b>C10L 10 /-</b>	<b>C12N 9 /-</b>	2016389173	<b>E02F 3 /-</b>	2016396981
<b>C09D 183 /-</b>	2017350022	2016217654 2016243043 2016265677 2017290753	<b>D01F 2 /-</b>	2018366482 2020210254	<b>E21B 25 /-</b>
2017320240	<b>C10L 3 /-</b>		2018344309	<b>E02F 9 /-</b>	2016354672
<b>C09D 201 /-</b>	2016378831	<b>C12P 21 /-</b>	2020267018	2020210254 2021250890	2016396981
2017320240	<b>C10M 125 /-</b>	2019213305	<b>D03D 1 /-</b>	<b>E04B 1 /-</b>	2016377243 2016424204 2020204294
<b>C09D 5 /-</b>	2017350022	<b>C12P 7 /-</b>	2018344309	2017369454 2019236669 2020200790	<b>E21B 33 /-</b>
2017320240 2021200073	<b>C11D 1 /-</b>	2019257464	<b>D03D 15 /-</b>	<b>E04C 3 /-</b>	2016358092
<b>C09J 133 /-</b>	2017397426	<b>C12Q 1 /-</b>	2018344309	2020200790	<b>E21B 43 /-</b>
2017375365 2019253020	<b>C11D 3 /-</b>	2015280326 2015364602 2016258171 2016267392 2016362495 2017290753 2017302611 2017403899 2018304458	<b>D04B 21 /-</b>	<b>E04F 11 /-</b>	2016377243 2016396981 2017234997
<b>C09J 175 /-</b>	<b>C11D 7 /-</b>		2016360847	2019236669	<b>E21B 47 /-</b>
2017382854	2017204070	<b>C22B 34 /-</b>	<b>D04D 7 /-</b>	<b>E04F 13 /-</b>	2016396981 2017234997
<b>C09K 11 /-</b>	<b>C12M 1 /-</b>	2017345609 2017390111	2020267018	2018411567	<b>E21C 47 /-</b>
2017223845	2016331926	<b>D04H 3 /-</b>	2016389173	<b>E04F 15 /-</b>	2019438341
<b>C09K 3 /-</b>	<b>C12N 11 /-</b>	<b>D05B 87 /-</b>	2019316315	2016381397	<b>F01C 1 /-</b>
2019402013	2016214978	<b>D21F 11 /-</b>	2016427800	<b>E04G 21 /-</b>	2020201724
<b>C10B 51 /-</b>	<b>C12N 15 /-</b>	<b>C22C 1 /-</b>	2016427800	2019253850	<b>F01C 19 /-</b>
2016286296	2015270238 2015311704 2015311705 2015311707 2015338993 2016217654 2016223336 2016259971 2016265677 2016272688 2017290753 2017306062 2018237306 2018291556 2019201608 2019213305 2020200948 2020210185	2017390111	<b>D21H 11 /-</b>	2019246877	2020201724
<b>C10B 53 /-</b>		<b>C22C 14 /-</b>	2016427800	<b>E04H 15 /-</b>	<b>F01C 21 /-</b>
2016286296		2017390111	2016349872	2018431627	2020201724
<b>C10G 17 /-</b>		<b>C23C 14 /-</b>	2016349872	<b>E05B 47 /-</b>	<b>F01K 25 /-</b>
2016286296		2018405017	2016349872	2018270923	2016385130
<b>C10G 3 /-</b>		<b>C23F 11 /-</b>	2016427800	<b>E05F 15 /-</b>	<b>F02G 1 /-</b>
2016286296		2016267611	<b>D21H 21 /-</b>	2016309951 2020203440	2016385130
<b>C10G 31 /-</b>		<b>C25B 1 /-</b>	2016349872	<b>E06B 3 /-</b>	<b>F02M 41 /-</b>
2016286296		2019361879	2016427800	2016309951 2020203440	2020201140
<b>C10G 32 /-</b>		<b>C25C 7 /-</b>	<b>E01B 19 /-</b>	<b>E21B 10 /-</b>	<b>F02N 11 /-</b>
2016286296	<b>C12N 5 /-</b>	2017223492	2017295144	2016354672	2018326242
<b>C10G 45 /-</b>	2015311704 2015363008 2016243043 2016259020 2016272688 2016275030 2016342387 2016431869 2017325511 2018243114 2018291556 2018437491 2020210185	<b>C30B 29 /-</b>	<b>E01B 21 /-</b>	<b>E21B 17 /-</b>	<b>F02N 19 /-</b>
2016286296		2017278340	2017295144	2016259287 2016354672 2016424204	2018326242
<b>C10G 67 /-</b>		<b>C30B 7 /-</b>	<b>E01F 15 /-</b>	<b>E21B 19 /-</b>	<b>F04B 5 /-</b>
2016286296		2017278340	2016340360	2016371265	2016385130
<b>C10J 3 /-</b>		<b>C40B 30 /-</b>	<b>E01F 8 /-</b>		
2016286296		2017335710	2020200342		
<b>C10K 1 /-</b>		<b>C40B 60 /-</b>			
2016286296					

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<b><u>F15D 1 /-</u></b>	<b><u>F25B 13 /-</u></b>	<b><u>G01L 9 /-</u></b>	<b><u>G01S 15 /-</u></b>	<b><u>G06F 15 /-</u></b>	<b><u>G06Q 40 /-</u></b>
2021205020	2017436890	2016353089	2017323648	2017274518	2019295815
<b><u>F16B 13 /-</u></b>	<b><u>F25B 39 /-</u></b>	<b><u>G01M 3 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06Q 50 /-</u></b>
2016374652	2017363597	2016353089	2017301114	2019386712	2016246391
<b><u>F16B 31 /-</u></b>	<b><u>F25C 1 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G01W 1 /-</u></b>	2020250205	2017274518
2019283864	2017363597	2017222642	2016246391	<b><u>G06F 17 /-</u></b>	2018348113
<b><u>F16B 39 /-</u></b>	<b><u>F25J 3 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G02B 13 /-</u></b>	2019253860	<b><u>G06Q 90 /-</u></b>
2016374652	2016378831	2017219894	2017339069	2019264530	2019264530
<b><u>F16B 7 /-</u></b>	<b><u>F28D 1 /-</u></b>	2017290753	<b><u>G02B 23 /-</u></b>	2019271959	<b><u>G06T 1 /-</u></b>
2017406638	2017363597	2019245665	<b><u>G02B 23 /-</u></b>	<b><u>G06F 21 /-</u></b>	2018381377
<b><u>F16D 1 /-</u></b>	<b><u>F28D 11 /-</u></b>	<b><u>G01N 23 /-</u></b>	2017354734	2016340025	<b><u>G06T 15 /-</u></b>
2016354672	2016385130	2017283257	<b><u>G02B 5 /-</u></b>	2018224839	2016389386
<b><u>F16D 7 /-</u></b>	<b><u>F28F 3 /-</u></b>	<b><u>G01N 25 /-</u></b>	2015412762	2019294498	<b><u>G06T 17 /-</u></b>
2019257527	2017363597	2019336595	2017321840	2020203503	2018381377
<b><u>F16F 7 /-</u></b>	<b><u>F41H 13 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G02B 7 /-</u></b>	<b><u>G06F 3 /-</u></b>	2018381377
2017369454	2018385236	2015364602	2017339069	2017274518	<b><u>G06T 19 /-</u></b>
<b><u>F16J 13 /-</u></b>	<b><u>F41H 5 /-</u></b>	2019227711	<b><u>G02C 7 /-</u></b>	2017291490	2019205973
2016273946	2016352685	2019336595	2015412762	2019266054	2017274518
<b><u>F16L 13 /-</u></b>	<b><u>G01C 21 /-</u></b>	2020250298	<b><u>G02F 1 /-</u></b>	2020202800	<b><u>G06T 3 /-</u></b>
2019210710	2017353999	<b><u>G01N 29 /-</u></b>	2017223845	2020203489	2019205973
<b><u>F16L 37 /-</u></b>	<b><u>G01C 22 /-</u></b>	2021205020	2019318862	2020260488	<b><u>G06T 7 /-</u></b>
2016354672	2017323648	<b><u>G01N 30 /-</u></b>	<b><u>G03G 15 /-</u></b>	<b><u>G06F 30 /-</u></b>	<b><u>G06T 19 /-</u></b>
<b><u>F16L 55 /-</u></b>	<b><u>G01D 21 /-</u></b>	2015364602	2020227100	2019438357	2019326047
2020260546	2016359473	2017290753	<b><u>G05B 11 /-</u></b>	<b><u>G06F 40 /-</u></b>	<b><u>G07G 1 /-</u></b>
<b><u>F16L 57 /-</u></b>	<b><u>G01F 1 /-</u></b>	2018207260	2020220231	2020267218	2018395259
2016259287	2016359473	<b><u>G01N 33 /-</u></b>	<b><u>G05B 15 /-</u></b>	<b><u>G06F 7 /-</u></b>	<b><u>G08B 21 /-</u></b>
<b><u>F16M 11 /-</u></b>	<b><u>G01F 23 /-</u></b>	2015280326	2020220231	2020201325	2020200421
2016372158	2020233782	2015360420	<b><u>G05B 19 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G08B 25 /-</u></b>
<b><u>F17D 3 /-</u></b>	<b><u>G01G 19 /-</u></b>	2016275295	2020220231	2017261390	2017248279
2016358092	2017236200	2016340125	<b><u>G05D 1 /-</u></b>	2019211885	<b><u>G08B 29 /-</u></b>
<b><u>F23C 99 /-</u></b>	<b><u>G01H 3 /-</u></b>	2016362495	2020220231	2019325228	2016335360
2018398529	2021205020	2016378819	<b><u>G05D 1 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G08G 1 /-</u></b>
<b><u>F23D 1 /-</u></b>	<b><u>G01K 1 /-</u></b>	2017222642	2017323648	2017317600	2017301114
2018398529	2019232685	2017318576	2019229638	<b><u>G06N 10 /-</u></b>	2017301114
<b><u>F23D 14 /-</u></b>	<b><u>G01K 13 /-</u></b>	2017335710	2019284488	2020256387	<b><u>G09B 23 /-</u></b>
2016360700	2016359473	2018304458	2019419781	<b><u>G06N 20 /-</u></b>	2019283949
<b><u>F25B 1 /-</u></b>	<b><u>G01K 7 /-</u></b>	<b><u>G01R 27 /-</u></b>	2021201402	2019200721	<b><u>G09B 29 /-</u></b>
2017436890	2019336595	2019336595	<b><u>G05F 1 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2018381377
		<b><u>G01R 33 /-</u></b>	2017226244	2016246391	<b><u>G09F 3 /-</u></b>
		2016218479	<b><u>G06F 1 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2017321840
		<b><u>G01S 13 /-</u></b>	2019310549	2018395259	<b><u>G10L 13 /-</u></b>
		2017260566	2019315364	<b><u>G06Q 30 /-</u></b>	2020205275
		2017301114	2020255673	2018395259	<b><u>G10L 15 /-</u></b>
			<b><u>G06F 13 /-</u></b>		
			2016416417		
			2017291490		

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2017308914	<u>H01L 31 /-</u>	<u>H02J 7 /-</u>	<u>H04L 5 /-</u>	2017256288
<u>G10L 19 /-</u>	2016335640	2017226244	2017330277	2017355743
2018368588	2019250255	2018284929		2019248309
	<u>H01L 35 /-</u>	2018373453	<u>H04L 7 /-</u>	<u>H04W 74 /-</u>
<u>G10L 21 /-</u>		<u>H02M 7 /-</u>	2017291490	2017271955
2017317600	2021205020		<u>H04L 9 /-</u>	2018427414
	<u>H01L 49 /-</u>	2020273311		2019248309
<u>G16B 20 /-</u>		<u>H02N 2 /-</u>	2016340025	<u>H04W 8 /-</u>
2018352201	2019416327		2019295815	
2020201325	<u>H01M 10 /-</u>	2021205020	<u>H04M 1 /-</u>	2017355743
<u>G16B 40 /-</u>		<u>H02N 3 /-</u>		2020241738
2018352201	2018284929	2021205020	2018405017	<u>H04W 88 /-</u>
	<u>H01M 4 /-</u>		<u>H04M 3 /-</u>	2017330277
<u>G16C 10 /-</u>	2017223492	<u>H02P 27 /-</u>		2017386070
2020203489	2017321294		2020201883	
	<u>H01M 50 /-</u>	<u>H02S 20 /-</u>	<u>H04N 21 /-</u>	
<u>G16H 10 /-</u>		2016335640	2020227064	
2018348113	2017321294		2020245087	
	<u>H01M 8 /-</u>	<u>H02S 30 /-</u>	<u>H04N 5 /-</u>	
<u>G16H 50 /-</u>	2017223492	2016335640	2017339069	
2018348113	2019332965		<u>H04Q 11 /-</u>	
	<u>H01R 13 /-</u>	<u>H04B 1 /-</u>		2018403910
<u>H01B 11 /-</u>		2019315364	<u>H04R 23 /-</u>	
2017237914	2018326242	2019339315		
	2020267168	2020241308		
<u>H01B 3 /-</u>		2020254409	<u>H04W 12 /-</u>	
2017353417	<u>H01R 24 /-</u>	<u>H04B 7 /-</u>		2021205020
	2018326242		<u>H04W 12 /-</u>	
<u>H01H 13 /-</u>		2017271955	2018224839	
2020254409	<u>H01R 25 /-</u>	2017320303	2019294498	
	2019211429	2019206669		
<u>H01H 45 /-</u>		2019318976	<u>H04W 24 /-</u>	
2019211429	<u>H01R 43 /-</u>	2020241308		2017256288
	2018386434	2020289788	2017317600	2018427414
<u>H01H 9 /-</u>		<u>H04J 3 /-</u>	2019241116	2019315364
2017229282	<u>H02G 1 /-</u>	2017291490	2019318976	
	2018386434	<u>H04L 1 /-</u>		
<u>H01J 35 /-</u>	2020203712	2019230758	<u>H04W 28 /-</u>	
2016426599				2017355743
2017353417	<u>H02G 7 /-</u>	<u>H04L 12 /-</u>	<u>H04W 36 /-</u>	
	2018360214	2017218928		2019241116
<u>H01J 37 /-</u>		2017268029	<u>H04W 4 /-</u>	
2019242574	<u>H02H 1 /-</u>	2017291490		2019241116
	2018204677	2019294498	<u>H04W 4 /-</u>	
<u>H01L 21 /-</u>		2020267175		2019294498
2017201749	<u>H02J 1 /-</u>	2020289788	<u>H04W 40 /-</u>	2020241738
2019416327		<u>H04L 27 /-</u>		
	2018373453	2017330277	<u>H04W 40 /-</u>	
<u>H01L 27 /-</u>	2020255673	2017355743		2017218928
2019318862		<u>H04L 29 /-</u>	<u>H04W 48 /-</u>	2020289788
2019416327	<u>H02J 13 /-</u>			
2020256387		2016340025	<u>H04W 72 /-</u>	
	2017226244	2018224839		2017355743
<u>H01L 29 /-</u>		2019294498		
2020256387	2017226244	2019325228		
	2018373453			
	2020255673			

**Certified Innovation Patents**

**Name Index**

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

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- |  |  |
|--|--|
| <p>(71) Coulter Ventures LLC<br/>                 (11) AU-B-2021104872<br/>                 (21) 2021104872 (22) 03.08.2021<br/>                 (54) Weightlifting rack assembly and wall mount bracket for a weightlifting rack assembly<br/>                 (51) Int. Cl.<br/>                     <b>A63B 21/16</b> ( 2006.01 )<br/>                     <b>A63B 17/00</b> ( 2006.01 )<br/>                     <b>A63B 21/00</b> ( 2006.01 )<br/>                     <b>A63B 21/068</b> ( 2006.01 )<br/>                     <b>A63B 21/08</b> ( 2006.01 )<br/>                 (45) 09.12.2021<br/>                 (62) 2018360038<br/>                 (72) HENNIGER, William; DUNAHAY, Nash<br/>                 (74) Griffith Hack</p> | <p>(54) SPILL CONTAINMENT APPARATUS<br/>                 (51) Int. Cl.<br/>                     <b>B65D 90/24</b> ( 2006.01 )<br/>                     <b>B65D 77/04</b> ( 2006.01 )<br/>                     <b>B65D 81/00</b> ( 2006.01 )<br/>                     <b>B65D 88/12</b> ( 2006.01 )<br/>                     <b>B65D 90/50</b> ( 2019.01 )<br/>                     <b>G01F 23/296</b> ( 2006.01 )<br/>                     <b>G08B 21/18</b> ( 2006.01 )<br/>                 (45) 09.12.2021<br/>                 (62) 2020204047<br/>                 (72) Goode, Max<br/>                 (74) IP GATEWAY PATENT &amp; TRADE MARK ATTORNEYS PTY LTD</p> |
|--|--|
- 
- |   |  |
|---|--|
| <p>(71) HUNAN ANMIN SCIENCE AND TECHNOLOGY CO., LTD.<br/>                 (11) AU-B-2021103238<br/>                 (21) 2021103238 (22) 09.06.2021<br/>                 (54) MULTI-MODE STARTING DRY POWDER FIRE EXTINGUISHING BALL<br/>                 (51) Int. Cl.<br/>                     <b>A62C 35/02</b> ( 2006.01 )<br/>                     <b>A62C 35/08</b> ( 2006.01 )<br/>                 (45) 09.12.2021<br/>                 (62) PCT/CN2019/120628<br/>                 (72) Zheng, Yonghua; Chen, Cuifang; Li, Yong; Huang, Bin<br/>                 (74) Madderns Pty Ltd</p> | <p>(71) Stormtech Pty Limited<br/>                 (11) AU-B-2021104670<br/>                 (21) 2021104670 (22) 28.07.2021<br/>                 (54) Grating and method of manufacturing a grating<br/>                 (51) Int. Cl.<br/>                     <b>E03F 5/06</b> ( 2006.01 )<br/>                     <b>E01C 9/10</b> ( 2006.01 )<br/>                     <b>E01C 11/22</b> ( 2006.01 )<br/>                     <b>E01D 19/12</b> ( 2006.01 )<br/>                     <b>E02B 11/00</b> ( 2006.01 )<br/>                     <b>E03F 3/04</b> ( 2006.01 )<br/>                 (31) 2021901991 (32) 30.06.21 (33) AU<br/>                 (45) 09.12.2021<br/>                 (72) Creighton, Troy<br/>                 (74) IP SOLVED (ANZ) PTY. LTD.</p> |
|---|--|
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|---|--|
| <p>(71) Marlborough Oysters Limited<br/>                 (11) AU-B-2021103525<br/>                 (21) 2021103525 (22) 22.06.2021<br/>                 (54) SHELLFISH GROWING APPARATUS<br/>                 (51) Int. Cl.<br/>                     <b>A01K 61/55</b> ( 2017.01 )<br/>                 (45) 09.12.2021<br/>                 (62) 2019216159<br/>                 (72) Pannell, Aaron Peter<br/>                 (74) James &amp; Wells Intellectual Property</p> |  |
|---|--|
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- |   |  |
|---|--|
| <p>(71) Mechanical System Dynamics Pty Ltd<br/>                 (11) AU-B-2021106220<br/>                 (21) 2021106220 (22) 20.08.2021<br/>                 (54) Compensator for fifth-wheel couplings<br/>                 (51) Int. Cl.<br/>                     <b>B62D 53/08</b> ( 2006.01 )<br/>                 (31) PCT/ AU2021/050145 (32) 19.02.21 (33) WO<br/>                 (45) 09.12.2021<br/>                 (72) Prem, Hans; Mai, Kinh-Luan Viet<br/>                 (74) FB Rice Pty Ltd</p> |  |
|---|--|
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- |   |  |
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| <p>(71) Snosko Pty Ltd<br/>                 (11) AU-B-2021102517<br/>                 (21) 2021102517 (22) 12.05.2021</p> |  |
|---|--|

**Numerical Index**

**2021102517** Snosko Pty Ltd  
**2021103238** HUNAN ANMIN SCIENCE AND TECHNOLOGY CO.,  
LTD.  
**2021103525** Marlborough Oysters Limited  
**2021104670** Stormtech Pty Limited  
**2021104872** Coulter Ventures LLC  
**2021106220** Mechanical System Dynamics Pty Ltd



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**E02B 11 /-**

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**E03F 3 /-**

2021104670

**E03F 5 /-**

2021104670

**G01F 23 /-**

2021102517

**G08B 21 /-**

2021102517

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

- 2018201714 **ESCO Group LLC** ( CQMS PTY LTD )
- 2019217656 **SDI Limited** ( D'Ambrosio, S. )
- 2020202729 **Canva Pty Ltd** ( RxPrism Health System Pvt Ltd )

**Opposition Withdrawn - Proceed to Grant**

- 2021200502 **AFT Pharmaceuticals Ltd** ( ZOONO GROUP LTD )

**Patents Granted**

**Standard Patents**

2014409558	2015255013	2015264073	2015264357
2015275233	2015276899	2015279644	2015280069
2015286211	2015292149	2015332002	2015334389
2015339447	2015340378	2015342264	2015342961
2015344992	2015347077	2015351930	2015355644
2015380472	2015398613	2015400730	2015402230
2015403534	2015404937	2015409316	2015411525
2015413862	2015417223	2016201827	2016202297
2016203541	2016204153	2016209295	2016209581
2016210996	2016217800	2016228297	2016231086
2016232693	2016242905	2016244039	2016244186
2016244225	2016246820	2016247049	2016250434
2016252038	2016252887	2016256579	2016257334
2016257765	2016258865	2016259389	2016261503
2016261913	2016262127	2016262764	2016263119
2016267389	2016267565	2016268153	2016269332
2016270658	2016270782	2016272452	2016275302
2016276127	2016278201	2016278226	2016281685
2016288252	2016293293	2016293295	2016294553
2016296356	2016297700	2016298233	2016300179
2016301091	2016302156	2016303212	2016316786
2016316787	2016317119	2016317948	2016319403
2016320243	2016320719	2016321226	2016322698
2016322817	2016328170	2016328256	2016332207
2016333736	2016333856	2016335457	2016337502
2016341421	2016344179	2016344427	2016349105
2016351357	2016355039	2016355404	2016362502
2016363926	2016364743	2016365301	2016366546
2016368363	2016370603	2016372691	2016375040
2016376655	2016378400	2016378603	2016380150
2016381526	2016386032	2016389160	2016391619
2016397288	2016414392	2016414485	2016414700
2016416149	2016416450	2016416838	2017200420
2017201453	2017202965	2017203874	2017203908
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2017206444	2017208249	2017217249	2017220554
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2017227529	2017229105	2017231808	2017236583
2017237887	2017239010	2017239643	2017240154
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2017246175	2017248021	2017248277	2017250214
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2017289974	2017293323	2017293428	2017301100
2017302541	2017306528	2017308954	2017310526
2017312220	2017312970	2017326299	2017326464
2017332749	2017332754	2017335405	2017339557

**Patents Granted**

**Standard Patents**

2017344057	2017353310	2017361253	2017363882
2017381271	2017401930	2017420954	2017425543
2017425705	2017428472	2017435304	2018203946
2018204498	2018207190	2018208543	2018211735
2018226402	2018232791	2018233050	2018233367
2018235031	2018236989	2018238571	2018239238
2018239753	2018241963	2018242882	2018243738
2018246551	2018249789	2018252099	2018258274
2018260588	2018264115	2018267059	2018267687
2018268985	2018269399	2018273197	2018280035
2018281248	2018289403	2018298098	2018298758
2018298838	2018300717	2018303109	2018310988
2018311307	2018313622	2018314163	2018315813
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2019212443	2019213020	2019213356	2019213710
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2019257458	2019257481	2019257482	2019257529
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2019264645	2019268147	2019268210	2019273977
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2020233701	2020244471	2020249779	2020250296
2020256331	2020256383	2020257106	2020257679
2020260466	2020260514	2020277203	2020278263
2020279566	2020280985	2020281042	2020286164
2020289798	2020291391	2020327866	2020372601
2020389482	2021201211	2021201313	

**Innovation Patents**

2017101917	2017101919	2017101920	2018102230
2020104471	2020104472	2021101933	2021102304
2021102305	2021102331	2021102332	2021102334

**Patents Granted****Innovation Patents**

2021102406	2021102912	2021102913	2021102915
2021102918	2021102919	2021103083	2021103574
2021103771	2021103919	2021105259	2021105326
2021105374	2021105567	2021105616	2021105631
2021105728	2021105866	2021105902	2021105938
2021106027	2021106042	2021106049	2021106070
2021106073	2021106131	2021106225	2021106227
2021106235	2021106238	2021106239	2021106253
2021106266	2021106271	2021106274	2021106310
2021106335	2021106351	2021106358	2021106363
2021106369	2021106371	2021106376	2021106384
2021106396	2021106403	2021106406	2021106420
2021106433	2021106440	2021106443	2021106449
2021106544	2021106555	2021106601	2021106602
2021106612	2021106623	2021106636	2021106666
2021106684	2021106689	2021106692	2021106693
2021106703	2021106705	2021106710	2021106711
2021106714	2021106717	2021106725	2021106727
2021106807	2021106812	2021106816	2021106824
2021106831	2021106861	2021106882	2021106900
2021106906	2021106929	2021106935	2021106963
2021107002	2021107017	2021107026	2021107036
2021107049	2021107051	2021107065	2021107075
2021107078	2021107088	2021107091	2021107108
2021107110	2021107158	2021107159	2021107160
2021107161	2021107163	2021107164	2021107165
2021107166	2021107167	2021107168	2021107169
2021107170	2021107171	2021107172	2021107173
2021107174	2021107175	2021107176	2021107177
2021107178	2021107179	2021107180	2021107182
2021107183	2021107184	2021107185	2021107186
2021107187	2021107188	2021107189	2021107190
2021107191	2021107192	2021107193	2021107194
2021107195	2021107196	2021107197	2021107198
2021107201	2021107202	2021107203	2021107204
2021107206	2021107207	2021107208	2021107209
2021107210	2021107211	2021107212	2021107213
2021107214	2021107216	2021107217	2021107218
2021107219	2021107220	2021107221	2021107222
2021107223	2021107225	2021107227	2021107229
2021107230	2021107231	2021107232	2021107233
2021107235	2021107237	2021107238	2021107239
2021107240	2021107241	2021107243	2021107244
2021107245	2021107246	2021107247	2021107248
2021107249	2021107251	2021107252	2021107253
2021107255	2021107256	2021107257	2021107258
2021107259	2021107261	2021107262	2021107263
2021107265	2021107267	2021107268	2021107270
2021107271	2021107272	2021107273	2021107274
2021107276	2021107277	2021107278	2021107279
2021107280	2021107281	2021107283	2021107284
2021107285	2021107286	2021107287	2021107288
2021107289	2021107290	2021107292	2021107293
2021107294	2021107295	2021107296	2021107297

**Assignments Registered**

2007234351	Epistar Corporation	The patent has been assigned to <b>Satco Products, Inc.</b>
2010209532	Touchlight Genetics Limited	The patent has been assigned to <b>Touchlight IP Limited</b>
2011295629	Perfusion Fluid Technologies, Inc.	The patent has been assigned to <b>Organ Transport Pty Ltd</b>
2012290180	Laurel Biocomposite, LLC	The patent has been assigned to <b>SECURITY BANK HOLDINGS, LLC</b>

**Assignments Registered**

2013273934 Grains Research and Development Corporation; Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd The patent has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

2013340845 Takeda GmbH; Amgen Research (Munich) GmbH The patent has been assigned to **Amgen Research (Munich) GmbH; Takeda Pharmaceutical Company Limited**

2014366839 Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd; Grains Research and Development Corporation The patent has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

2017201411 Commonwealth Scientific and Industrial Research Organisation; Nuseed Pty Ltd; Grains Research and Development Corporation The patent has been assigned to **Commonwealth Scientific and Industrial Research Organisation; Grains Research and Development Corporation; Nuseed Nutritional Australia Pty Ltd**

2017371361 Northrop Grumman Innovation Systems, Inc. The patent has been assigned to **Northrop Grumman Systems Corporation**

2018389594 G+FLAS Life Sciences The patent has been assigned to **G+FLAS Life Sciences; Seoul National University R&DB Foundation**

2019101551 Beta (Shenzhen) Package Products Co., Ltd The patent has been assigned to **Beta (Shenzhen) Package Products Co., Ltd; Huizhou Beta Packtech CO., LTD**

2019200607 LANDA LABS (2012) LTD The patent has been assigned to **Lumet Technologies Ltd.**

2020200354 LANDA LABS (2012) LTD The patent has been assigned to **Lumet Technologies Ltd.**

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

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

2002342440 Eggel Pty Ltd ( Jobfit Systems International Pty Ltd )

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

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

2009265395 CRISP SENSATION HOLDING SA ( Wivabe Holding B.V. )

**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.

2009303758 **Auspex Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Jun 2021

For the goods AUSTEDO deutetrabenazine

2013318182 **Auspex Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Jun 2021

For the goods AUSTEDO deutetrabenazine

2014277831 **Shionogi & Co. Ltd.; ViiV Healthcare Company**

**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 20 Sep 2021

For the goods TIVICAY PD dolutegravir

2018222896 **Auspex Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Jun 2021

For the goods AUSTEDO deutetrabenazine

**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.

2013216870 **PTC Therapeutics, Inc.; F. Hoffmann-La Roche AG**

The earliest first regulatory approval date provided by the patentee 02 Jun 2021

For the goods EVRYSDI risdiplam

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019213332 **Xencor, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Oct 2019

For the goods ULTOMIRIS ravulizumab

Address for service : MINTER ELLISON Level 40 1 Farrer Place Sydney NSW 2000 AU

**Corrigenda**

In Vol 17 , No 43 , Page(s) 0 under the heading **Applications Accepted** Under the name F. Hoffmann-La Roche AG., Application No. 2000019468, under INID (31) insert 99103504 and 99123689 under INID (32) insert the date 29.11.99; under INID (33) insert EP

In Vol 32 , No 29 , Page(s) 4188 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name FLSmith A/S, Application No. 2016394648, under INID (72) correct the inventor to Siebenbäck, Karl

In Vol 35 , No 44 , Page(s) 8617 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name l'air liquide societeÉ anonyme pour l'etude et l'exploitation des procedes georges claudé?, Application No. 2020254901, under INID (71) correct the applicant name to L'Air Liquide Société Anonyme Pour L'Etude Et L'Exploitation Des Procédés Georges Claude

In Vol 35 , No 44 , Page(s) 8633 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name St. Jude Children's Research Hospital, Inc. Application No. 2020235112, under INID (54) correct the title to Small molecules that bind cyclin-dependent kinase inhibitor 1B (p27KIP1)

In Vol 35 , No 45 , Page(s) 8862 under the heading **Applications Accepted - Name Index** Under the name FLSmith A/S, Application No. 2016394648, under INID (72) correct the inventor to Siebenbäck, Karl

**Corrigenda**

In Vol 35 , No 46 , Page(s) 9090 under the heading **Applications Accepted - Name Index** Delete all reference to 2017336366 - Acceptance Revoked under S50A.

In Vol 35 , No 48 , Page(s) 9302 under the heading **Amendments - Application for Amendments** Under the name The Climate Corporation, Patent No. 2016294138 correct the statements to read 25 Dec 2020, 23 Apr 2021, 29 Jun 2021 and 15 Oct 2021

**Specifications Republished**

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

- |            |  |
|------------|--|
| 2017205654 | <b>The Research Foundation for the State University of New York</b>          |
| 2017236500 | <b>innoMask Technologies Kft.</b>  |
| 2017359398 | <b>Universidad de Santiago de Compostela; Universidad Autónoma de Madrid</b> |
| 2019359615 | <b>Shanghai Towne Intelligent Technology Co., Ltd.</b>                       |