



**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.

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Dyno Nobel Asia Pacific Pty Ltd v Olitek Pty Ltd [2022] APO 57***

Patent Application: 2015407253

Title: Control system

Patent Applicant: Olitek Pty Ltd

Requestor: Dyno Nobel Asia Pacific Pty Ltd

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

Decision Date: 10 August 2022

Hearing Date: 24 June 2022 (by videoconference)

Catchwords: PATENTS – control system for fluid delivery involving pumps and a hose – section 36 – entitlement – application for a declaration of an eligible person – application under section 36 refused – costs awarded against requestor

Representation: Counsel for the applicant: William Terrence Singleton  
Patent attorney for the applicant: Damon Henshaw of Spruson & Ferguson  
Counsel for the requestor: Cynthia Cochrane SC  
Patent attorney for the requestor: Nicola Maxwell of Foundry Intellectual Property Pty Ltd

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***Romteck Australia Pty Ltd. v Philip Victor Harman [2022] APO 58***

Patent: 2020101363

Title: Alarm Signalling Equipment Secure Access Method

Patentee: Philip Victor Harman

Requestor: Romteck Australia Pty Ltd.

Delegate: B. Norman

Decision Date: 15 August 2022

Hearing Date: Written submissions filed on 5 May 2021, 6 May 2021 and 19 May 2021

Catchwords: **PATENTS** - Request for rectification of Register under s191A – inventive concept – conception – request dismissed – costs awarded.

Representation: Patent attorney for the Patentee: Griffith Hack  
Counsel for the Requestor: David Larish and Joseph Elks  
Patent attorney for the Requestor: Foundry Intellectual Property Pty Ltd

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Aug 2022 .

(71) ADE Consulting Group Pty Ltd (21) 2022902237 (22) 09.08.2022 (54) SORBENT APPLICATION TEST METHOD	(71) Annalise-AI Pty Ltd (21) 2022902321 (22) 16.08.2022 (54) Object detection and point localization in medical images using structured prediction	(71) Blackwood, D. (21) 2022902316 (22) 16.08.2022 (54) Three dimensional form that can be viewed from any multiple different perspective to produce unique yet similar two dimensional silhouettes that can be cataloged and referenced as a set of figures, symbols, and coordinates.
(71) AdvanCell Isotopes Pty Ltd (21) 2022902273 (22) 11.08.2022 (54) Radiopharmaceuticals	(71) AquaPlasma Technologies Group Pty Ltd (21) 2022902245 (22) 10.08.2022 (54) Improved Desalination System and Methods	<b>Blakers, D. see Blakers, P.</b> (21) 2022902288
(71) AdvanCell Isotopes Pty Ltd (21) 2022902274 (22) 11.08.2022 (54) Radiopharmaceuticals	(71) Ashley, G. (21) 2022902240 (22) 09.08.2022 (54) BRACKET MOUNT FOR THERMAL DEVICE	(71) Blakers, P.; Blakers, D. (21) 2022902288 (22) 12.08.2022 (54) Electronic Kick Drum Assembly
(71) Agile 8 Pty Ltd (21) 2022902303 (22) 14.08.2022 (54) AN AUGMENTED REALITY LIGHTING SYSTEM	(71) Austin Engineering Limited (21) 2022902294 (22) 12.08.2022 (54) A DUMP TRUCK BODY	(71) Blue Carbon Pty Ltd (21) 2022902297 (22) 12.08.2022 (54) WATER CONDITION ALTERATION APPARATUS AND METHOD
(71) Agile 8 Pty Ltd (21) 2022902304 (22) 14.08.2022 (54) AN OPTICS SYSTEM FOR AN AUGMENTED REALITY HEADSET	(71) Automotive Action Parts (21) 2022902302 (22) 14.08.2022 (54) Cup Holder (single or dual), attached to the center console of the following Vehicles - 2008 -2012 Holden RC Colorado, 2008 - 2012 Isuzu Dmax - 2004 -2008 Holden Rodeo.	(71) Bovonic Limited; KAMPSHOF, L.; CAMPBELL, G. (21) 2022902243 (22) 10.08.2022 (54) In-Line Sensor, Apparatus and Methods of Use
(71) Agile 8 Pty Ltd (21) 2022902305 (22) 14.08.2022 (54) A METHOD AND SYSTEM FOR AUGMENTING REALITY	(71) Bathysphere Pty Ltd (21) 2022902244 (22) 10.08.2022 (54) A METHOD OF IMPROVING ALGAE PRODUCTIVITY THROUGH SINGLE CELL PHENOTYPING	<b>Brooks, N. see Haines, T.</b> (21) 2022902266
(71) Agresta, F. (21) 2022902271 (22) 11.08.2022 (54) Facilitator	(71) Beaton, A. (21) 2022902301 (22) 14.08.2022 (54) Fixing System For Picket	<b>CAMPBELL, G. see Bovonic Limited</b> (21) 2022902243
(71) Allsop, S. (21) 2022902233 (22) 09.08.2022 (54) A Massage Device	(71) Bellator Pty Ltd (21) 2022902282 (22) 12.08.2022 (54) A Vehicle Stabiliser	(71) Capulet Enterprises Pty Ltd (21) 2022902319 (22) 16.08.2022 (54) AGRICULTURAL SEEDING MACHINE
		<b>Chernis, E. see Volavola Vidal, E.</b> (21) 2022902309

Provisional Applications Filed - Name Index cont'd

(71) Clarity Pharmaceuticals Ltd (21) 2022902267 (22) 11.08.2022 (54) Dimeric radiopharmaceuticals, compositions thereof and uses thereof	(71) Hall, S. (21) 2022902265 (22) 11.08.2022 (54) Reactive Predictive Module	(71) Macquarie University (21) 2022902276 (22) 11.08.2022 (54) Polyethylene Degradation
(71) Conflux Technology Pty Ltd (21) 2022902284 (22) 12.08.2022 (54) Heat Exchanger	(71) Hamill, G.M.L. (21) 2022902307 (22) 15.08.2022 (54) Electrical detection safety glove	(71) Major Mining Industries Pty Ltd (21) 2022902320 (22) 16.08.2022 (54) CERTIFICATION SYSTEM AND METHOD FOR ELECTRICAL AND MECHANICAL EQUIPMENT IN HAZARDOUS AREAS
(71) Conflux Technology Pty Ltd (21) 2022902285 (22) 12.08.2022 (54) Heat exchanger	(71) HARRIS, M. (21) 2022902264 (22) 11.08.2022 (54) Apparatus and System for Memory Loss Assistance	(71) Memphasys Limited (21) 2022902290 (22) 12.08.2022 (54) Method for predicting the likelihood of a successful mating in horses
(71) Conflux Technology Pty Ltd (21) 2022902293 (22) 12.08.2022 (54) Heat exchanger and method of manufacture therefor	(71) Hydreco Hydraulics Pty Ltd (21) 2022902260 (22) 10.08.2022 (54) Hose Protection Valve Assembly	(71) Meulio, C.J. (21) 2022902306 (22) 14.08.2022 (54) Heart failure track and trigger symptom tracker
(71) Corbett, D. (21) 2022902247 (22) 10.08.2022 (54) A stackable framework for panels	(71) Ionised Technologies Pty Ltd (21) 2022902232 (22) 09.08.2022 (54) Method for covalently binding biomolecules to plastic	(71) MINETOMETAL PTY LTD (21) 2022902261 (22) 10.08.2022 (54) Producing Zinc Borate
(71) Cortese, F. (21) 2022902295 (22) 12.08.2022 (54) SYSTEM AND METHOD FOR FACILITATING SOCIAL CONNECTIONS BETWEEN INDIVIDUALS	(71) Ionised Technologies Pty Ltd (21) 2022902286 (22) 12.08.2022 (54) Plasma-modified magnetic particles	(71) MINETOMETAL PTY LTD (21) 2022902262 (22) 10.08.2022 (54) PRODUCING ZINC OXIDE FROM SPHALERITE
(71) CSL Innovation Pty Ltd; The University of Melbourne (21) 2022902289 (22) 12.08.2022 (54) Methods of treating metabolic disorders	<b>KAMPSHOF, L. see Bovonic Limited</b> (21) 2022902243	(71) MINETOMETAL PTY LTD (21) 2022902263 (22) 10.08.2022 (54) ZINC OXIDE PRODUCTION FROM CONCENTRATE
(71) De Motu Cordis Pty Ltd (21) 2022902269 (22) 11.08.2022 (54) Inhalable Epinephrine Formulation	(71) Klevaform Pty Ltd (21) 2022902283 (22) 12.08.2022 (54) A BUILDING SYSTEM AND METHOD	(71) Nassif, J. (21) 2022902318 (22) 16.08.2022 (54) BATTERY AND BATTERY ACCESSORY
(71) Freney, C. (21) 2022902248 (22) 10.08.2022 (54) Litter Aerator Apparatus	(71) KYRO CARD CAPITAL PTY LTD (21) 2022902236 (22) 09.08.2022 (54) A payment processing system	(71) Nelson, P. (21) 2022902299 (22) 13.08.2022 (54) SYSTEM AND METHOD
(71) Gas & Oil Well Innovations Pty Ltd (21) 2022902281 (22) 12.08.2022 (54) COATED SUCKER ROD COUPLING AND METHOD OF COATING	(71) Lam, T.T. (21) 2022902280 (22) 12.08.2022 (54) ADAPTIVE FLEXIBLE HYBRID ENERGY SYSTEMS OF SOLAR, WAVE AND WIND	(71) Nelson, P. (21) 2022902300 (22) 13.08.2022 (54) SYSTEM AND METHOD
(71) Griffith University (21) 2022902253 (22) 10.08.2022 (54) Methods for detecting post COVID-19 condition	(71) Laminex Group Pty Limited (21) 2022902308 (22) 15.08.2022 (54) Low Pressure Melamine Laminate with Antibacterial, Antifungal and/or Antiviral Surface Properties	(71) Newcrest Mining Limited (21) 2022902234 (22) 09.08.2022 (54) UNDERGROUND MINING
(71) Habitat Bees Pty Ltd (21) 2022902254 (22) 10.08.2022 (54) NATIVE BEE HIVE	(71) Lycopodium Minerals Pty Ltd (21) 2022902314 (22) 15.08.2022 (54) Support Structure for Flotation Cell	(71) New Fluid Technology Pty Ltd (21) 2022902272 (22) 11.08.2022 (54) A Pump Assembly
(71) Haines, T.; Brooks, N. (21) 2022902266 (22) 11.08.2022 (54) An Accessory for a Drill Bit	(71) Lynamid Pty Ltd (21) 2022902231 (22) 09.08.2022 (54) Compositions and methods for delivery of truncated midkine proteins	

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited  
(21) 2022902255 (22) 10.08.2022  
(54) Novel broad spectrum antiviral and antimicrobial peptide mimics

(71) NewSouth Innovations Pty Limited  
(21) 2022902311 (22) 15.08.2022  
(54) Method for making a solid polymer electrolyte

Nolan, A. see Nolan, T.  
(21) 2022902275

(71) Nolan, T.; Nolan, A.  
(21) 2022902275 (22) 11.08.2022  
(54) SYSTEM AND METHOD FOR FACILITATING MOBILE VENDORS TO ADVERTISE THEIR GOODS AND/OR SERVICES

(71) One Quilt Cover  
(21) 2022902238 (22) 09.08.2022  
(54) Convertible Quilt Cover

(71) Persian Phoenix brothers m\$î zad intelligence systems  
(21) 2022902213 (22) 07.08.2022  
(54) ADMAC: Automated Data Matching and Cleaning (ADMAC) application to integrate, clean, quantify, and qualify raw clinical data collected from health records

(71) Persian Phoenix brothers m\$î zad intelligence systems  
(21) 2022902239 (22) 09.08.2022  
(54) Foldable therapeutic bath (FoITBath)

(71) Persian Phoenix brothers m\$î zad intelligence systems  
(21) 2022902241 (22) 10.08.2022  
(54) Feel Good Fashion /AI Fashion Assistant (FeeGo/AI-FAssit)

(71) Persian Phoenix brothers m\$î zad intelligence systems  
(21) 2022902268 (22) 11.08.2022  
(54) Drone UAV and UMV blood sample collection to reduce patient attendant to health facilities for blood tests

(71) Pickett, L.  
(21) 2022902246 (22) 10.08.2022  
(54) Walking, wellbeing, weight loss device

(71) Plotlogic Pty Ltd  
(21) 2022902312 (22) 15.08.2022  
(54) Geological mapping

(71) Randlab Australia Pty Ltd  
(21) 2022902313 (22) 15.08.2022  
(54) Omeprazole Based Oral Paste Formulation Having Increased Temperature Stability and Enhanced Absorption

(71) Reward Minerals Limited  
(21) 2022902277 (22) 11.08.2022  
(54) A process for recovering potassium sulphate

(71) Richards, G.  
(21) 2022902242 (22) 10.08.2022  
(54) Shopping Trolley Handbag Safe

(71) Richmond Vanadium Technology Pty Ltd  
(21) 2022902310 (22) 15.08.2022  
(54) Method for the Concentration of Vanadium Ore

(71) RISODA PTY LTD  
(21) 2022902252 (22) 10.08.2022  
(54) Total Fencer

(71) Robin Lowenstein  
(21) 2022902279 (22) 12.08.2022  
(54) continuous and or batch type unlimited Z-axis 3D (UV) cured / ink 3D printer. (Additive manufacturing)

(71) Sitetech Solutions Pty Ltd  
(21) 2022902249 (22) 10.08.2022  
(54) FENCE PANEL AND TEMPORARY FENCING

(71) Sousa Tenorio, R.  
(21) 2022902278 (22) 11.08.2022  
(54) Process for making mycellium and bamboo magnetic construction toys

(71) Spencer, M.  
(21) 2022902251 (22) 10.08.2022  
(54) Visual Aid Hand Covering

(71) stevens, s.  
(21) 2022902270 (22) 11.08.2022  
(54) MY PDG- My Personal Drone Guard

(71) THERMAPOWER PTY LTD  
(21) 2022902317 (22) 16.08.2022  
(54) AN ENERGY STORAGE APPARATUS

(71) The University of Adelaide  
(21) 2022902322 (22) 16.08.2022  
(54) AGENT FOR TREATING OR PREVENTING A DOMINANTLY-INHERITED DISEASE

The University of Melbourne see CSL Innovation Pty Ltd  
(21) 2022902289

(71) The University of Sydney  
(21) 2022902287 (22) 12.08.2022  
(54) Methods for the detection of myeloperoxidase

(71) The University of Western Australia  
(21) 2022902291 (22) 12.08.2022  
(54) Apparatus to assist spreading of particles

(71) The University of Western Australia  
(21) 2022902292 (22) 12.08.2022  
(54) AN OPTICAL COUPLER SWITCH

(71) Titomic Limited  
(21) 2022902250 (22) 10.08.2022  
(54) GRADIENT MATERIAL STRUCTURE

(71) Trihey, A.  
(21) 2022902256 (22) 10.08.2022  
(54) Electric Element Booster Mark 5

(71) Trihey, A.  
(21) 2022902257 (22) 10.08.2022  
(54) Electric Boosting Element Mark 6

(71) Trihey, A.  
(21) 2022902258 (22) 10.08.2022  
(54) Electric Boosting Element Mark 7

(71) Trihey, A.  
(21) 2022902259 (22) 10.08.2022  
(54) Electric Boosting Element Mark 8

(71) Vast Solar Pty Ltd  
(21) 2022902235 (22) 09.08.2022  
(54) Thermal energy storage system

(71) Volavola Vidal, E.; Chernis, E.  
(21) 2022902309 (22) 15.08.2022  
(54) System, apparatus and process

(71) WIREMAN PTY LIMITED  
(21) 2022902230 (22) 09.08.2022  
(54) A Ground Anchor Arrangement and Method

(71) Woke Pharmaceuticals Pty Ltd  
(21) 2022902296 (22) 12.08.2022  
(54) Process for improving powder flow characteristics of a crystalline material

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<b>2022902231</b>	Lynamid Pty Ltd	<b>2022902300</b>	Nelson, P.
<b>2022902232</b>	Ionised Technologies Pty Ltd	<b>2022902301</b>	Beaton, A.
<b>2022902233</b>	Allsop, S.	<b>2022902302</b>	Automotive Action Parts
<b>2022902234</b>	Newcrest Mining Limited	<b>2022902303</b>	Agile 8 Pty Ltd
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<b>2022902237</b>	ADE Consulting Group Pty Ltd	<b>2022902306</b>	Meulio, C.J.
<b>2022902238</b>	One Quilt Cover	<b>2022902307</b>	Hamill, G.M.L.
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<b>2022902240</b>	Ashley, G.	<b>2022902309</b>	Volavola Vidal, E.; Chernis, E.
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<b>2022902242</b>	Richards, G.	<b>2022902311</b>	NewSouth Innovations Pty Limited
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<b>2022902257</b>	Trihey, A.		
<b>2022902258</b>	Trihey, A.		
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<b>2022902265</b>	Hall, S.		
<b>2022902266</b>	Haines, T.; Brooks, N.		
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<b>2022902289</b>	CSL Innovation Pty Ltd; The University of Melbourne		
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**Complete Applications Filed**

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Applications listed below were processed through the Patent Office Canberra during the period ending 9 Aug 2022 .

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

<hr/> <p>(71) 1934612 Ontario Inc. (21) 2022211866 (22) 04.08.2022 (54) Methods and systems for dewatering solid particles in a contaminated liquid mixture (62) 2016320582</p> <hr/> <p><b>ABT Holding Company see Katholieke Universiteit Leuven</b> (21) 2022211794</p> <hr/> <p>(71) ABUS August Bremicker Söhne KG (21) 2022211834 (22) 03.08.2022 (54) ELECTROMECHANICAL LOCK (31) 102021122247.8 (32) 27.08.21 (33) DE</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2022215180 (22) 09.08.2022 (54) MOBILE INTELLIGENT OUTSIDE SALES ASSISTANT (31) 63/260,106 (32) 09.08.21 (33) US 17/883,402 08.08.22 US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2022215198 (22) 10.08.2022 (54) UTILIZING AN ARTIFICIAL INTELLIGENCE MODEL DETERMINED FOR A TARGET DOMAIN BASED ON A DATASET ASSOCIATED WITH A SOURCE DOMAIN (62) 2019200051</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2022215232 (22) 11.08.2022 (54) ARTIFICIAL INTELLIGENCE AND ROBOTIC PROCESS AUTOMATION FOR AUTOMATED DATA MANAGEMENT (62) 2020204266</p> <hr/> <p>(71) Acres Technology (21) 2022211906 (22) 05.08.2022 (54) System for Promoting Play on Electronic Gaming Devices and Engagement with Casino Personnel (62) 2017200192</p> <hr/> <p>(71) Amgen, Inc.; ImmuNext, Inc. (21) 2022215229 (22) 11.08.2022 (54) Anti-MCT1 antibodies and uses thereof</p> <hr/>	<p>(71) AMO Development, LLC (21) 2022211815 (22) 02.08.2022 (54) Improved methods for lenticular laser incision (62) 2017280237</p> <hr/> <p>(71) AMO Development, LLC (21) 2022215184 (22) 09.08.2022 (54) Systems for ophthalmic measurements and laser surgery and systems for surgical planning based thereon (62) 2016423184</p> <hr/> <p>(71) AMO Development, LLC (21) 2022215222 (22) 11.08.2022 (54) Systems for lenticular laser incision (62) 2020239802</p> <hr/> <p>(71) AMO Development, LLC (21) 2022215242 (22) 11.08.2022 (54) Lenticular laser incision for low myopia and/or hyperopia patients (62) 2017290369</p> <hr/> <p>(71) Andrews, F. (21) 2022215210 (22) 10.08.2022 (54) Mind and Body Exerciser</p> <hr/> <p>(71) Anduril Industries, Inc. (21) 2022211801 (22) 02.08.2022 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS (62) 2021212022</p> <hr/> <p>(71) Anduril Industries, Inc. (21) 2022211802 (22) 02.08.2022 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS (62) 2021212022</p> <hr/> <p>(71) Anduril Industries, Inc. (21) 2022211803 (22) 02.08.2022 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS (62) 2021212022</p> <hr/> <p>(71) Anduril Industries, Inc. (21) 2022211804 (22) 02.08.2022 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS (62) 2021212022</p> <hr/>	<p>(71) Anduril Industries, Inc. (21) 2022211805 (22) 02.08.2022 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS (62) 2021212022</p> <hr/> <p>(71) Anduril Industries, Inc. (21) 2022211806 (22) 02.08.2022 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS (62) 2021212022</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022215213 (22) 10.08.2022 (54) CHIP RECOGNITION SYSTEM (62) 2018200507</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022215214 (22) 10.08.2022 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2021201556</p> <hr/> <p>(71) Anthony Innovations Pty Ltd (21) 2022211845 (22) 03.08.2022 (54) A ROLLER ASSEMBLY (31) 2021902435 (32) 06.08.21 (33) AU</p> <hr/> <p>(71) Apple Inc. (21) 2022215067 (22) 08.08.2022 (54) Gesture based graphical user interface for managing concurrently open software applications (62) 2021202903</p> <hr/> <p>(71) Apple Inc. (21) 2022215188 (22) 09.08.2022 (54) User interfaces for controlling access to applications and application-related functions on an electronic device (62) 2019265433</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2022215161 (22) 08.08.2022 (54) Hysterectomy Model (62) 2016329211</p> <hr/> <p>(71) Aqseptence Group, Inc (21) 2022211808 (22) 02.08.2022 (54) Underdrain Assembly (62) 2020204252</p> <hr/>
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(71) Arbutus Biopharma Corporation  
(21) 2022215225 (22) 11.08.2022  
(54) Novel lipids and compositions for the delivery of therapeutics  
(62) 2021201075

(71) Ardelyx, Inc.  
(21) 2022211830 (22) 02.08.2022  
(54) Compounds useful for treating gastrointestinal tract disorders  
(62) 2018205400

(71) Aristocrat Technologies, Inc.  
(21) 2022211824 (22) 02.08.2022  
(54) ASSIGNING MULTIPLIER VALUES BASED ON RANDOM GAME OUTCOMES OF PRECEDING REELS  
(31) 17/841,587 (32) 15.06.22 (33) US  
63/203,847 02.08.21 US

(71) Aristocrat Technologies, Inc.  
(21) 2022211825 (22) 02.08.2022  
(54) STACKED REEL MULTIPLIERS  
(31) 17/449,588 (32) 30.09.21 (33) US  
63/203,847 02.08.21 US

(71) Aristocrat Technologies, Inc.  
(21) 2022211827 (22) 02.08.2022  
(54) STACKS OF STICKY WILD SYMBOLS  
(31) 17/449,593 (32) 30.09.21 (33) US  
63/203,847 02.08.21 US

(71) Aristocrat Technologies, Inc.  
(21) 2022211829 (22) 02.08.2022  
(54) DYNAMIC CREDIT METERS  
(31) 17/449,622 (32) 30.09.21 (33) US  
63/203,847 02.08.21 US

(71) Aristocrat Technologies, Inc.  
(21) 2022211898 (22) 05.08.2022  
(54) ELECTRONIC GAMING MACHINE, GAMING SYSTEM AND METHOD OF GAMING

(71) Aristocrat Technologies, Inc.  
(21) 2022215202 (22) 10.08.2022  
(54) PERSISTENT MOVING SYMBOLS  
(62) PCT/US2020/027542

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2022211903 (22) 05.08.2022  
(54) GAMING DEVICE WITH AWARD WHEELS

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2022211905 (22) 05.08.2022  
(54) GAMING DEVICE WITH FILLABLE SYMBOL POSITION PATTERN

(71) Aristocrat Technologies Australia Pty Limited  
(21) 2022211912 (22) 05.08.2022  
(54) A Gaming System and Method of Gaming  
(62) 2020203796

Arnold, U. see Brück, T.  
(21) 2022213744

(71) Atea Pharmaceuticals Inc.  
(21) 2022215185 (22) 09.08.2022  
(54) 2'-substituted-N6-substituted purine nucleotides for RNA virus treatment  
(62) 2020220216

(71) Atlas Copco Airpower, Naamloze Venootschap  
(21) 2022211810 (22) 02.08.2022  
(54) Device and method for drying compressed gas  
(31) 2021/5615 (32) 03.08.21 (33) BE

(71) Awol Outdoors, Inc.  
(21) 2022215266 (22) 11.08.2022  
(54) Fold-out transportable partial or complete enclosure  
(62) 2017238000

B2SBio Inc. see Voronoi Inc.  
(21) 2022211789

(71) Bailey, R.  
(21) 2022215165 (22) 08.08.2022  
(54) A FAN AND THERMOSTAT MOUNTING ASSEMBLY AND METHOD OF USE THEREOF

(71) Battery Graphene Corp Pty Ltd  
(21) 2022211865 (22) 04.08.2022  
(54) A battery management system assembly

(71) Becton, Dickinson and Company  
(21) 2022211826 (22) 02.08.2022  
(54) SAMPLE INDEXING FOR SINGLE CELLS  
(62) 2018281745

(71) BEDGEAR, LLC  
(21) 2022211817 (22) 02.08.2022  
(54) BEDDING SYSTEM, KIT AND METHOD  
(62) PCT/US2021/014635

(71) Beijing Roborock Technology Co., Ltd  
(21) 2022211887 (22) 04.08.2022  
(54) Cleaning device  
(62) PCT/CN2020/136583

(71) Belkin Vision Ltd.  
(21) 2022211843 (22) 03.08.2022  
(54) Direct selective laser trabeculoplasty  
(62) 2019297135

(71) BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH  
(21) 2022215196 (22) 10.08.2022  
(54) Predicting T cell epitopes useful for vaccination  
(62) 2016217965

(71) Bioerativ Therapeutics Inc.  
(21) 2022215218 (22) 10.08.2022  
(54) Lyophilized factor IX formulations  
(62) 2020202863

(71) Birdie Biopharmaceuticals, Inc.  
(21) 2022211790 (22) 01.08.2022  
(54) ANTI-PD-L1 COMBINATIONS FOR TREATING TUMOURS  
(62) 2020267157

(71) BISSELL Inc.  
(21) 2022211792 (22) 01.08.2022  
(54) Surface cleaning apparatus  
(62) 2022200908

(71) Blanco GmbH + Co KG  
(21) 2022215163 (22) 08.08.2022  
(54) Curable Casting Compound For The Manufacture Of Molded Plastics  
(31) 10 2021 208 803.1 (32) 11.08.21 (33) DE

(71) Bluescope Steel Limited  
(21) 2022215205 (22) 10.08.2022  
(54) Metal-coated steel strip  
(62) 2020203488

Board of Regents, The University of Texas Systems see Sangamo Therapeutics, Inc.  
(21) 2022211891

(71) Booth, M.  
(21) 2022211855 (22) 03.08.2022  
(54) Manifold for Air-Powered Pelton Wheel or similar  
(31) 2021902431 (32) 06.08.21 (33) AU

(71) Booth, M.  
(21) 2022211856 (22) 03.08.2022  
(54) Electricity Generator for "lazy" or "tag" axle  
(31) 2021902432 (32) 06.08.21 (33) AU

(71) BPW Bergische Achsen KG  
(21) 2022215152 (22) 08.08.2022

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(54) BRAKE LINING FOR A DISC BRAKE,  
DISC-BRAKE HOLD-DOWN FOR  
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(62) 2016377859

(71) Brück, T.; Arnold, U.; Kuse, K.  
(21) 2022213744 (22) 08.08.2022  
(54) CARBON FIBERS WHICH CAN BE  
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(62) 2017366602

(71) Buffalo Beginnings, LLC.  
(21) 2022211885 (22) 04.08.2022  
(54) CONCRETE WET CAST READY MIX  
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(62) 2020239830

(71) Cantor Index LLC  
(21) 2022213716 (22) 08.08.2022  
(54) SYSTEM AND METHOD FOR BET-  
TING ON A SUBSET OF PARTI-  
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(62) 2020220102

(71) CATERPILLAR GLOBAL MINING LLC  
(21) 2022211875 (22) 04.08.2022  
(54) WALKING SYSTEM WITH REPLACE-  
ABLE WEAR SURFACES  
(31) 17/409,280 (32) 23.08.21 (33) US

(71) CATERPILLAR INC.  
(21) 2022211863 (22) 04.08.2022  
(54) OPERATOR ASSISTANCE SYSTEM  
FOR WORK MACHINE  
(31) 17/411,445 (32) 25.08.21 (33) US

(71) Celularity Inc.  
(21) 2022215207 (22) 10.08.2022  
(54) Therapy with cells from human placenta  
and hematopoietic cells  
(62) 2020202076

(71) DC Systems B.V.  
(21) 2022211884 (22) 04.08.2022  
(54) DC POWER DISTRIBUTION ARCHI-  
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(31) 63/233,772 (32) 17.08.21 (33) US

(71) DE BRUIN, A.  
(21) 2022215203 (22) 10.08.2022  
(54) Debco Ergo Skip

(71) Deere & Company  
(21) 2022215230 (22) 11.08.2022  
(54) Calibration device for volumetric meters  
(31) 63/260,927 (32) 06.09.21 (33) US  
17/651,825 21.02.22 US

(71) Depuy Ireland Unlimited Company, Inc.  
(21) 2022211895 (22) 05.08.2022  
(54) Tibial tray with fixation features  
(62) 2018203221

(71) DePuy Synthes Products, Inc.  
(21) 2022215236 (22) 11.08.2022  
(54) System and method for intraoperatively  
determining image alignment  
(31) 17/400,104 (32) 11.08.21 (33) US

(71) Dezinal Pty Ltd  
(21) 2022211823 (22) 02.08.2022  
(54) Building window

(71) Diogenes Limited  
(21) 2022215176 (22) 09.08.2022  
(54) Wagering apparatus, methods and sys-  
tems  
(62) 2018214265

(71) Dispensing Technologies B.V.  
(21) 2022211890 (22) 04.08.2022  
(54) System and method for dispensing li-  
quid foam, in particular a direct-foam  
cleaning product  
(62) 2016346011

(71) Diverse Industries Intl. Pty Ltd  
(21) 2022211901 (22) 05.08.2022  
(54) Signalling device and method  
(62) 2016256830

(71) Dolan, G.  
(21) 2022211888 (22) 04.08.2022  
(54) A security screen assembly  
(62) 2017217250

(71) Dolby International AB  
(21) 2022215160 (22) 08.08.2022  
(54) Method and apparatus for compress-  
ing and decompressing a Higher Order  
Ambisonics signal representation  
(62) 2021203791

(71) Dong Guan Tian Sheng Optic-tronics  
Corp  
(21) 2022211859 (22) 04.08.2022  
(54) INSULATING SPACER, PUSH-TYPE  
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CIRCUIT CLOSER AND SWITCHING  
METHOD  
(31) 202111609444.1 (32) 24.12.21 (33) CN

(71) Dong Guan Tian Sheng Optic-tronics  
Corp  
(21) 2022211861 (22) 04.08.2022  
(54) INDEPENDENT THREE-CIRCUIT  
POWER SUPPLY TRACK WITH SIG-  
NAL WIRES  
(31) 202111389565.X (32) 19.11.21 (33) CN

(71) Drill-Bourn Pty Ltd  
(21) 2022212857 (22) 08.08.2022  
(54) Machine Stand and Method of Support-  
ing a Machine using a Stand  
(62) 2019229452

(71) DSM IP Assets B.V.  
(21) 2022215212 (22) 10.08.2022  
(54) PUFA SALT FORMULATIONS (II)  
(62) 2017376403

(71) Duracell U.S. Operations, Inc.  
(21) 2022215191 (22) 09.08.2022  
(54) Primary alkaline battery with integrated  
in-cell resistances  
(62) 2020202996

**Editas Medicine, Inc. see Juno Therapeut-  
ics, Inc.**  
(21) 2022215269

(71) Edwards Lifesciences Corporation  
(21) 2022211922 (22) 08.08.2022  
(54) Heart valve docking devices and sys-  
tems  
(62) 2018409826

(71) EIM Holdings Pty Limited  
(21) 2022211788 (22) 01.08.2022  
(54) Electrode Deployment System  
(31) 2021902374 (32) 02.08.21 (33) AU

(71) Electrical Engineering Solutions Pty Ltd  
(21) 2022211819 (22) 02.08.2022  
(54) APPARATUS AND METHOD OF DE-  
LIVERING HIGH VOLTAGE POWER  
USING POE CONNECTIONS  
(62) 2020257040

(71) Emulate, Inc.  
(21) 2022215209 (22) 10.08.2022  
(54) Compound distribution in microfluidic  
devices  
(62) 2020303871

(71) Equinox Ophthalmic, Inc.  
(21) 2022211909 (22) 05.08.2022  
(54) Apparatus and methods to adjust ocular  
blood flow  
(62) 2019319942

(71) F. Hoffmann-La Roche AG  
(21) 2022211910 (22) 05.08.2022  
(54) Oligonucleotides for inducing paternal  
UBE3A expression  
(62) 2020203573

(71) F. Hoffmann-La Roche AG  
(21) 2022215189 (22) 09.08.2022

Complete Applications Filed - Name Index cont'd

- (54) New forms of pyrido[1,2-a]pyrimidin-4-one derivatives, its formulation and its process of making  
(62) 2019361273
- 
- (71) Featurespace Limited  
(21) 2022215204 (22) 10.08.2022  
(54) Machine learning system  
(31) 2206208.7 (32) 28.04.22 (33) GB  
PCT/ 28.04.22 IB  
EP2022/061405
- 
- (71) Fisher & Paykel Healthcare Limited  
(21) 2022211904 (22) 05.08.2022  
(54) Patient interface with venting  
(62) 2021201267
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2022211921 (22) 08.08.2022  
(54) VALSALVA MASK  
(62) 2021202898
- 
- (71) FISHER & PAYKEL HEALTHCARE LIMITED  
(21) 2022215199 (22) 10.08.2022  
(54) HEADGEAR FOR PATIENT INTER-FACE  
(62) 2020201553
- 
- (71) Gallagher Group Limited  
(21) 2022215234 (22) 11.08.2022  
(54) SECURING DEVICE  
(62) 2020201281
- 
- (71) GE Aviation Systems LLC  
(21) 2022211899 (22) 05.08.2022  
(54) EVAPORATIVE THERMAL MANAGEMENT SYSTEMS AND METHODS  
(31) 17/397,475 (32) 09.08.21 (33) US
- 
- (71) Greyling, F.P.  
(21) 2022215174 (22) 09.08.2022  
(54) Process for smelting a metalliferous feedstock  
(31) 2029142 (32) 07.09.21 (33) NL
- 
- (71) Hangzhou DAC Biotech Co., Ltd  
(21) 2022215217 (22) 10.08.2022  
(54) Conjugation linkers containing 2,3-diaminosuccinyl group  
(62) 2018445278
- 
- (71) HENSOLDT Sensors GmbH  
(21) 2022215239 (22) 11.08.2022  
(54) Apparatus for Generating a Layout for an Additive Manufacturing of an Electric Drive  
(31) 21191488.2 (32) 16.08.21 (33) EP
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- (21) 2022211918
- 
- (71) HONEYWELL INTERNATIONAL INC.  
(21) 2022211864 (22) 04.08.2022  
(54) METHOD AND APPARATUS FOR THE ENHANCED DIAGNOSTIC COVERAGE OF A SECONDARY DEVICE OF A REDUNDANT CONTROLLER PAIR  
(31) 17/411,152 (32) 25.08.21 (33) US
- 
- (71) HONEYWELL INTERNATIONAL INC.  
(21) 2022215228 (22) 11.08.2022  
(54) METHOD AND APPARATUS FOR AN ALTERNATE COMMUNICATION PATH FOR CONNECTED NETWORKS  
(31) 17/471,899 (32) 10.09.21 (33) US
- 
- (71) Houghton Leisure Products Pty Ltd  
(21) 2022215157 (22) 08.08.2022  
(54) AN AIR CONDITIONING UNIT  
(62) 2021215183
- 
- (71) Howmedica Osteonics Corp.  
(21) 2022211796 (22) 02.08.2022  
(54) Dynamic bone loading TKA  
(31) 63/228,757 (32) 03.08.21 (33) US
- 
- (71) Huawei Technologies Co., Ltd.  
(21) 2022211850 (22) 03.08.2022  
(54) Application function implementation method and electronic device  
(62) 2018425774
- 
- (71) iBiquity Digital Corporation  
(21) 2022215223 (22) 11.08.2022  
(54) System and method for synchronous processing of analog and digital pathways in a digital radio receiver  
(62) 2020264376
- 
- (71) IDAC Holdings, Inc.  
(21) 2022215175 (22) 09.08.2022  
(54) Methods for flexible resource usage  
(62) 2020273369
- 
- (71) IGT  
(21) 2022211842 (22) 03.08.2022  
(54) Mobile Leaderboard  
(31) 17/399,373 (32) 11.08.21 (33) US
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- (71) IGT  
(21) 2022211846 (22) 03.08.2022  
(54) Gaming System and Method for locating an Electronic Gaming Machine with a Mobile Device  
(62) 2017204245
- 
- (71) Illumina, Inc.  
(21) 2022211822 (22) 02.08.2022
- 
- (54) MAJOR HISTOCOMPATIBILITY COMPLEX SINGLE NUCLEOTIDE POLYMORPHISMS  
(62) 2020204339
- 
- (71) Immatics Biotechnologies GmbH  
(21) 2022215208 (22) 10.08.2022  
(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST OVARIAN CANCER AND OTHER CANCERS  
(62) 2021200599
- 
- ImmuneNext, Inc. see Amgen, Inc.  
(21) 2022215229
- 
- (71) ImmunoGen, Inc.  
(21) 2022211838 (22) 03.08.2022  
(54) Folate receptor 1 antibodies and immunoconjugates and uses thereof  
(62) 2020201350
- 
- (71) ImmunoGen, Inc.  
(21) 2022215237 (22) 11.08.2022  
(54) Methods of preparing indolinobenzodiazepine derivatives  
(62) 2018254463
- 
- (71) Incall Limited  
(21) 2022215183 (22) 09.08.2022  
(54) Telecommunications call augmentation system  
(62) 2021203411
- 
- (71) Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.  
(21) 2022211871 (22) 04.08.2022  
(54) METHOD AND SYSTEM FOR CONTROLLING JOINT POWER SUPPLY OF VARIOUS EMERGENCY POWER GENERATION EQUIPMENT  
(31) 202210806424.1 (32) 08.07.22 (33) CN
- 
- (71) IntensiChem Group Limited  
(21) 2022211902 (22) 05.08.2022  
(54) Hydrogenation process  
(62) 2017323489
- 
- (71) Interscope, Inc.  
(21) 2022215243 (22) 11.08.2022  
(54) SYSTEMS AND METHODS FOR REMOVING MATERIALS FROM THE PANCREAS USING AN ENDOSCOPIC SURGICAL TOOL  
(62) 2019276560
- 
- (71) Intuit Inc.  
(21) 2022211812 (22) 02.08.2022  
(54) Method and system of dynamic model selection for time series forecasting  
(62) 2019426881

Heywood, P. see Zonneveld, E.

Complete Applications Filed - Name Index cont'd

<p>(71) Invacare Corporation (21) 2022211828 (22) 02.08.2022 (54) WHEELCHAIR AND SUSPENSION SYSTEMS (31) 63/388,799 (32) 13.07.22 (33) US</p>	<p>(71) Katholieke Universiteit Leuven; ABT Holding Company (21) 2022211794 (22) 01.08.2022 (54) Stem Cells for Wound Healing (62) 2016387339</p>	<p>(71) MacDon Industries Ltd (21) 2022215173 (22) 09.08.2022 (54) HEADER WITH FLEXIBLE CUTTER BAR ASSEMBLY (31) 17/406,932 (32) 19.08.21 (33) US</p>
<p>(71) Invuity, Inc. (21) 2022215177 (22) 09.08.2022 (54) Methods and apparatus for electrosurgical illumination (62) 2020257128</p>	<p>(71) Kingseafoodmarket (21) 2022215153 (22) 08.08.2022 (54) KING SEAFOOD MARKET (31) 2022902215 (32) 08.08.22 (33) AU</p>	<p>(71) Magic Leap, Inc. (21) 2022211851 (22) 03.08.2022 (54) Distributed light manipulation over imaging waveguide (62) 2017264780</p>
<p>(71) Ishida Co., Ltd. (21) 2022215240 (22) 11.08.2022 (54) WEIGHING AND PACKAGING SYSTEM (31) 2021-131619 (32) 12.08.21 (33) JP</p>	<p>(71) Klein Tools, Inc. (21) 2022215171 (22) 09.08.2022 (54) Multiple-bit hand tool including power nut/bit driver (31) 17/721,006 (32) 14.04.22 (33) US 63/233,186 13.08.21 US</p>	<p>(71) Magic Leap, Inc. (21) 2022211911 (22) 05.08.2022 (54) Calibration of magnetic and optical sensors in a virtual reality or augmented reality display system (62) 2017330454</p>
<p>(71) Ishigaki Company Limited (21) 2022211840 (22) 03.08.2022 (54) Outer cylinder screen washing apparatus of screw press (31) 2021-151728 (32) 17.09.21 (33) JP</p>	<p><b>Kuse, K. see Brück, T.</b> (21) 2022213744</p>	<p>(71) Mahindra &amp; Mahindra Limited (21) 2022215151 (22) 08.08.2022 (54) A COMPOSITE TAILGATE ASSEMBLY FOR A VEHICLE AND A METHOD THEROF (31) 202141035692 (32) 06.08.21 (33) IN</p>
<p>(71) Ivanti, Inc. (21) 2022211809 (22) 02.08.2022 (54) SYSTEMS AND METHODS FOR PRESENTATION OF A TERMINAL APPLICATION SCREEN (62) 2017301770</p>	<p>(71) LG Electronics Inc. (21) 2022211832 (22) 03.08.2022 (54) Cleaner nozzle (62) 2019263346</p>	<p>(71) Mahindra &amp; Mahindra Limited (21) 2022215206 (22) 10.08.2022 (54) Ultra-light weight and high noise absorbent foam material HVAC duct for vehicle (31) 202141036253 (32) 11.08.21 (33) IN</p>
<p>(71) JAMES, J.; ZAGAR, D. (21) 2022215192 (22) 09.08.2022 (54) A BERLEY DISPENSER (31) 2021902455 (32) 09.08.21 (33) AU</p>	<p>(71) LG Electronics Inc. (21) 2022215179 (22) 09.08.2022 (54) Vacuum cleaner nozzle (62) 2019263363</p>	<p>(71) Mahindra and Mahindra Limited (21) 2022215221 (22) 10.08.2022 (54) AN INSTRUMENT PANEL FOR A VEHICLE (31) 202141036081 (32) 10.08.21 (33) IN</p>
<p>(71) Johnson &amp; Johnson Consumer Inc. (21) 2022215182 (22) 09.08.2022 (54) Flexible container for concentrated product (62) 2017218388</p>	<p>(71) LG ELECTRONICS INC. (21) 2022215219 (22) 10.08.2022 (54) Vacuum adiabatic body and refrigerator (62) 2018384444</p>	<p>(71) MAKO Surgical Corp. (21) 2022211868 (22) 04.08.2022 (54) Steering mechanism for portable surgical robot (62) 2020286163</p>
<p>(71) JRX Biotechnology, Inc. (21) 2022215238 (22) 11.08.2022 (54) METHODS AND COMPOSITIONS FOR MODIFYING PLANT GROWTH AND REDUCING WATER CONSUMPTION BY PLANTS (62) 2017334547</p>	<p>(71) LG ELECTRONICS INC. (21) 2022215241 (22) 11.08.2022 (54) Vacuum adiabatic body and refrigerator (62) 2018385147</p>	<p>(71) Mallinckrodt Pharmaceuticals Ireland Limited (21) 2022211800 (22) 02.08.2022 (54) SYSTEMS AND METHODS FOR INTELLIGENT GAS SOURCE MANAGEMENT AND/OR SYSTEMS AND METHODS FOR DELIVERY OF THERAPEUTIC GAS AND/OR ENHANCED PERFORMANCE VERIFICATION FOR THERAPEUTIC GAS DELIVERY (62) 2021204009</p>
<p>(71) Juno Therapeutics, Inc.; Editas Medicine, Inc. (21) 2022215269 (22) 09.08.2022 (54) GENETICALLY ENGINEERED CELLS AND METHODS OF MAKING THE SAME (62) 2017261380</p>	<p>(71) Liberation Developments Pty Ltd (21) 2022215164 (22) 08.08.2022 (54) A WEIGHTED SUPPORT ASSEMBLY (62) 2019203220</p>	<p>(71) Medical Enterprises Distribution, LLC (21) 2022211787 (22) 01.08.2022 (54) Battery enclosure for sterilizable surgical tools having thermal insulation (62) 2020244603</p>
<p>(71) LUTZ, T. (21) 2022211853 (22) 03.08.2022 (54) Systems and methods for de-oxygenation of a closed container (62) 2020273380</p>		

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<p>(71) MeiraGTx UK II Limited (21) 2022215190 (22) 09.08.2022 (54) Regulation of gene expression by aptamer-mediated modulation of alternative splicing (62) 2016215454</p>	<p>(54) Method for automatic translation of ladder logic to a SMT-based model checker in a network (31) 17/400,947 (32) 12.08.21 (33) US</p>	<p>(71) Poynt Co. (21) 2022215168 (22) 09.08.2022 (54) SYSTEM AND METHOD FOR DISABLED USER ASSISTANCE (62) 2017338785</p>
<p>(71) Meridian Medical Technologies, Inc. (21) 2022211791 (22) 01.08.2022 (54) AUTOMATIC INJECTOR (62) 2021200760</p>	<p>(71) NuCana plc (21) 2022211797 (22) 02.08.2022 (54) Formulations of phosphoramidate derivatives of nucleoside drugs (62) 2016375866</p>	<p>(71) PQI Pty Ltd (21) 2022215166 (22) 08.08.2022 (54) Improved portable fuel container (62) 2020204083</p>
<p>(71) Minn-Dak Farmers Cooperative (21) 2022211844 (22) 03.08.2022 (54) Field application of sugars to increase crop yield (62) 2020257027</p>	<p>(71) NVIDIA Corporation (21) 2022211798 (22) 02.08.2022 (54) Neural network loop detection (31) 17/393,246 (32) 03.08.21 (33) US</p>	<p>(71) Precision Planting LLC (21) 2022215216 (22) 10.08.2022 (54) Agricultural toolbar apparatus, systems, and methods (62) 2021200389</p>
<p>(71) Mitsubishi Tanabe Pharma Corporation (21) 2022211877 (22) 04.08.2022 (54) COMPOSITIONS FOR TREATING OR PREVENTING VASOMOTOR SYMPTOMS (62) 2017285609</p>	<p>(71) NVIDIA Corporation (21) 2022211894 (22) 05.08.2022 (54) Selecting training data for neural networks (31) 17/394,842 (32) 05.08.21 (33) US</p>	<p><b>Prologium Holding Inc. see Prologium Technology Co., Ltd.</b> (21) 2022211786</p>
<p>(71) Myriad Genetics, Inc. (21) 2022211880 (22) 04.08.2022 (54) METHODS AND MATERIALS FOR ASSESSING HOMOLOGOUS RECOMBINATION DEFICIENCY (62) 2020204028</p>	<p>(71) Orange Hardware Company (21) 2022215181 (22) 09.08.2022 (54) Utility Knife</p>	<p><b>Prologium Holding Inc. see Prologium Technology Co., Ltd.</b> (21) 2022211913</p>
<p>(71) Newclip International (21) 2022211907 (22) 05.08.2022 (54) Surgical guide device for assisting an open wedge osteotomy (62) 2018321114</p>	<p>(71) Pande, S. (21) 2022211917 (22) 05.08.2022 (54) Stair Crusher</p>	<p>(71) Prologium Technology Co., Ltd.; Prologium Holding Inc. (21) 2022211786 (22) 01.08.2022 (54) Lithium Electrode (31) 110132793 (32) 03.09.21 (33) TW</p>
<p>(71) Nextivity, Inc. (21) 2022211860 (22) 04.08.2022 (54) DETERMINING THE OPTIMUM COVERAGE POSITION IN A BUILDING FOR EXTERNALLY PROVIDED RF SIGNALS (62) 2020264308</p>	<p>(71) Pentair Water Pool and Spa, Inc. (21) 2022211889 (22) 04.08.2022 (54) System and a method for changing color of pool lights (31) 63/203,917 (32) 04.08.21 (33) US</p>	<p>(71) Prologium Technology Co., Ltd.; Prologium Holding Inc. (21) 2022211913 (22) 05.08.2022 (54) Thermal Runaway Suppression Element and Related Applications (31) 63/238,322 (32) 30.08.21 (33) US 17/878,555 01.08.22 US</p>
<p>(71) Ningbo Wentai Sport Equipment Co., Ltd. (21) 2022211818 (22) 02.08.2022 (54) Golf cart (31) 2022212180999 (32) 20.05.22 (33) CN</p>	<p>(71) Pfizer Inc. (21) 2022211854 (22) 03.08.2022 (54) Aqueous formulation comprising 1-(4-((4-(dimethylamino)piperidin-1-yl)carbonyl)phenyl)-3-(4-(4,6-dimorpholin-4-yl-1,3,5-triazin-2-yl)phenyl)urea (62) 2019283550</p>	<p>(71) Prysmian S.p.A. (21) 2022211814 (22) 02.08.2022 (54) Telecommunications enclosure (31) 102021000021113 (32) 04.08.21 (33) IT</p>
<p>(71) Novartis AG (21) 2022215155 (22) 08.08.2022 (54) Ribociclib tablet (62) 2020250190</p>	<p>(71) Piez, R. (21) 2022215150 (22) 08.08.2022 (54) An aluminium patio framing system (31) 2021902544 (32) 16.08.21 (33) AU</p>	<p>(71) Prysmian S.p.A. (21) 2022211816 (22) 02.08.2022 (54) Telecommunications enclosure (31) 102021000021098 (32) 04.08.21 (33) IT</p>
<p>(71) Nozomi Networks Sagl (21) 2022215200 (22) 10.08.2022</p>	<p>(71) Pizeys Patent and Trade Mark Attorneys Pty Ltd (21) 2022211908 (22) 05.08.2022 (54) SUBCUTANEOUS ADMINISTRATION OF ADAMTS13 (62) 2020202738</p>	<p>(71) Qualcomm Incorporated (21) 2022211807 (22) 02.08.2022 (54) PROCESSING A DATA PACKET RECEIVED OVER CONTROL PLANE IN CONGESTION SCENARIO (62) 2017334468</p>
	<p>(71) Poly-clip System GmbH &amp; Co. KG (21) 2022215187 (22) 09.08.2022 (54) Four clip clipping machine (31) 21193335.3 (32) 26.08.21 (33) EP</p>	<p>(71) R.M Creighton Dental Pty Ltd (21) 2022215313 (22) 12.08.2022</p>

Complete Applications Filed - Name Index cont'd

(54) A METHOD OF USING A SILVER SALT PRECURSOR DENTAL SOLUTION, FOR SYNTHESISING SILVER NANO PARTICLES (AgNPs) ON ANY TOOTH SURFACE IN SITU FOR HUMAN AND VETERINARY ATRAUMATIC, NON-INVASIVE DENTAL TREATMENT.

(71) RAD Technology Medical Systems, LLC  
(21) 2022215224 (22) 11.08.2022  
(54) SHIELDING FACILITY AND METHOD OF MAKING THEREOF  
(62) 2019396609

(71) RAPSODO PTE. LTD.  
(21) 2022211820 (22) 02.08.2022  
(54) FEATURE ESTIMATION OF A CRICKET GAME  
(31) 17/747,699 (32) 18.05.22 (33) US

(71) RAPSODO PTE. LTD.  
(21) 2022211821 (22) 02.08.2022  
(54) STUMP DEVICE FOR FEATURE ESTIMATION OF CRICKET GAMES  
(31) 17/747,711 (32) 18.05.22 (33) US

(71) Rearden, LLC  
(21) 2022215154 (22) 08.08.2022  
(54) SYSTEMS AND METHODS FOR MITIGATING INTERFERENCE WITHIN ACTIVELY USED SPECTRUM  
(62) 2017316607

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2022211862 (22) 04.08.2022  
(54) SERUM-FREE CELL CULTURE MEDIUM  
(62) 2021205088

(71) Regeneron Pharmaceuticals, Inc.  
(21) 2022215211 (22) 10.08.2022  
(54) ASSEMBLY LINE WITH INTEGRATED ELECTRONIC VISUAL INSPECTION  
(62) 2017301504

(71) Respiratory Motion, Inc.  
(21) 2022211837 (22) 03.08.2022  
(54) ADVANCED RESPIRATORY MONITOR AND SYSTEM  
(62) 2017306133

(71) Revolution Medicines, Inc.  
(21) 2022211916 (22) 05.08.2022  
(54) COMPOUNDS THAT PARTICIPATE IN COOPERATIVE BINDING AND USES THEREOF  
(62) 2018248417

(71) Rolapal Limited  
(21) 2022211811 (22) 02.08.2022  
(54) A Cushion

(71) Sangamo Therapeutics, Inc.; Board of Regents, The University of Texas Systems  
(21) 2022211891 (22) 04.08.2022  
(54) Methods And Compositions For Modification of HLA  
(62) 2020203765

(71) Secretary, Department of Atomic Energy  
(21) 2022215159 (22) 08.08.2022  
(54) Compact hydraulic pinned jaw crusher system with high size reduction ratio  
(31) 202221026845 (32) 09.05.22 (33) IN

(71) Selecta Biosciences, Inc.  
(21) 2022211839 (22) 03.08.2022  
(54) TOLEROGENIC SYNTHETIC NANOCARRIERS  
(62) 2020200446

(71) SEW-EURODRIVE GmbH & Co. KG  
(21) 2022211892 (22) 04.08.2022  
(54) Standardized modular drive assembly  
(62) 2019265483

(71) Shihezi University  
(21) 2022211878 (22) 04.08.2022  
(54) Targeting degradable nanometer drug carrier for optic-thermal collaborative chemotherapy and preparation method thereof  
(31) 202111310152.8 (32) 03.11.21 (33) CN

(71) Simex Engineering S.r.l.  
(21) 2022211833 (22) 03.08.2022  
(54) TO BE ADVISED  
(31) 102021000020906 (32) 03.08.21 (33) IT

(71) SKRIN PTY LTD  
(21) 2022211897 (22) 05.08.2022  
(54) STEEL ACTIVATOR FOR CONTAINER TWIST LOCK  
(62) 2017200922

(71) Société des Produits Nestlé S.A.  
(21) 2022215186 (22) 09.08.2022  
(54) Fermented nutritional composition for cow's milk protein allergic subjects  
(62) 2017327600

(71) SodaStream Industries Ltd.  
(21) 2022211874 (22) 04.08.2022  
(54) Carbonation machine and a gas canister for a carbonation machine  
(62) 2019445475

(71) Solecki, O.  
(21) 2022211873 (22) 04.08.2022

(54) CALF EXERCISE DEVICE  
(31) 17/462,056 (32) 31.08.21 (33) US

(71) Source  
(21) 2022209362 (22) 30.07.2022  
(54) Social media App grouped by topic and a five colour tier coordination

(71) Southern Seawall Solutions Pty Limited  
(21) 2022211831 (22) 02.08.2022  
(54) IMPROVED CAISSON SYSTEM AND METHOD FOR CONSTRUCTING SHORING WALLS  
(62) 2020233615

(71) STAELS DESIGN LTD  
(21) 2022211841 (22) 03.08.2022  
(54) Support structure, apparatus and method  
(62) 2018244810

(71) ST Engineering Aethon, Inc.  
(21) 2022211881 (22) 04.08.2022  
(54) Autonomous mobile delivery robot and chain of custody system  
(62) 2020206025

(71) Swan Hill Engineering Pty Ltd  
(21) 2022211915 (22) 05.08.2022  
(54) Run-Off Water Removal System

(71) Syqe Medical Ltd.  
(21) 2022211900 (22) 05.08.2022  
(54) Methods, Devices And Systems For Pulmonary Delivery Of Active Agents  
(62) 2020205271

(71) Targus International LLC  
(21) 2022215158 (22) 08.08.2022  
(54) Systems and methods for docking stations removably attachable to display apparatuses  
(62) 2020345678

(71) TARIS Biomedical LLC  
(21) 2022215156 (22) 08.08.2022  
(54) Drug delivery systems and methods for treatment of bladder cancer with gemcitabine  
(62) 2020217383

(71) Technip UK Ltd  
(21) 2022211886 (22) 04.08.2022  
(54) Pipeline integrated manifold  
(62) 2017246677

(71) Technological Resources Pty Ltd  
(21) 2022215227 (22) 11.08.2022

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- (54) A system for, and a method of, controlling operation of a vehicle in a defined area  
(62) 2021203890
- 
- (71) Techtronic Cordless GP  
(21) 2022215172 (22) 09.08.2022  
(54) Submersible pump  
(31) 202111054990.3 (32) 09.09.21 (33) CN
- 
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)  
(21) 2022215215 (22) 10.08.2022  
(54) NEW DCI FORMATS FOR NON-ANCHOR OPERATIONS  
(62) 2020257156
- 
- (71) Terra Quantum AG  
(21) 2022211813 (22) 02.08.2022  
(54) METHOD FOR DETERMINING A QUANTUM COMMUNICATION SETUP, QUANTUM COMMUNICATION SETUP, COMPUTER PROGRAM, AND DATA PROCESSING SYSTEM  
(31) 21196667.6 (32) 14.09.21 (33) EP
- 
- (71) Terumo Cardiovascular Systems Corporation  
(21) 2022211835 (22) 03.08.2022  
(54) Augmented-reality endoscopic vessel harvesting  
(31) 17/399,225 (32) 11.08.21 (33) US
- 
- (71) Terumo Cardiovascular Systems Corporation  
(21) 2022211836 (22) 03.08.2022  
(54) Endoscopic vessel harvesting with thermal management and augmented reality display  
(31) 17/399,229 (32) 11.08.21 (33) US
- 
- (71) THE CHEMOURS COMPANY FC, LLC  
(21) 2022215233 (22) 11.08.2022  
(54) USE OF PERFLUOROHEPTENES IN POWER CYCLE SYSTEMS  
(62) 2017222606
- 
- (71) The Trustees of the University of Pennsylvania; Thomas Jefferson University of Innovation Pillar  
(21) 2022215231 (22) 11.08.2022  
(54) Implantable living electrodes and methods for use thereof  
(62) 2017248756
- 
- (71) Think Surgical, Inc.  
(21) 2022211858 (22) 04.08.2022  
(54) Automated arthroplasty planning  
(62) 2017227791
- 
- Thomas Jefferson University of Innovation Pillar see The Trustees of the University of Pennsylvania**  
(21) 2022215231
- 
- (71) TNBT Holdings Pty Limited  
(21) 2022215226 (22) 11.08.2022  
(54) An Improved Pretensioned Unit for A Padlock  
(31) 2021902516 (32) 12.08.21 (33) AU
- 
- (71) Toshiba Energy Systems & Solutions Corporation  
(21) 2022211849 (22) 03.08.2022  
(54) Protective-layer-coated-interconnector, cell stack including this protective-layer-coated-interconnector, and hydrogen energy system including the same  
(31) 2021-144997 (32) 06.09.21 (33) JP
- 
- (71) Trading Technologies International, Inc.  
(21) 2022211882 (22) 04.08.2022  
(54) Dynamic generation of order entry fields on a trading interface  
(62) 2020203705
- 
- TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH see BioNTech SE**  
(21) 2022215196
- 
- (71) Tuyau, M.  
(21) 2022211919 (22) 06.08.2022  
(54) QBOLT WOOD HEATER,BBQ,PIZZA OVEN,FIRE PIT AND GRILLER.
- 
- (71) UBER TECHNOLOGIES, INC.  
(21) 2022215167 (22) 09.08.2022  
(54) SYSTEMS FOR ROUTING AND CONTROLLING VEHICLES FOR FREIGHT  
(62) 2017394866
- 
- (71) UNIVERSITEIT GENT; VRIJE UNIVERSITEIT BRUSSEL  
(21) 2022211848 (22) 03.08.2022  
(54) BIFUNCTIONAL MODIFIED BIOPOLYMER BASED POLYMERS AND HYDROGELS OBTAINABLE FROM SUCH BIFUNCTIONAL MODIFIED BIOPOLYMER BASED POLYMERS  
(62) 2019276160
- 
- (71) University of Florida Research Foundation, Inc.  
(21) 2022215235 (22) 11.08.2022  
(54) Use of AAV-expressed M013 protein as an anti-inflammatory therapeutic  
(62) 2020200782
- 
- (71) UOP LLC  
(21) 2022215201 (22) 10.08.2022
- 
- (54) Temperature swing adsorption process for heavy hydrocarbon removal  
(62) 2019290680
- 
- (71) Vayeron Pty Ltd  
(21) 2022211876 (22) 04.08.2022  
(54) Improvements in Conveyor and Components Therefor, Monitoring Methods and Communication Systems  
(62) 2020260454
- 
- (71) Vertex Pharmaceuticals Incorporated  
(21) 2022215178 (22) 09.08.2022  
(54) Materials and methods for treatment of duchenne muscular dystrophy  
(62) 2016344609
- 
- (71) Vetco Gray Scandinavia AS  
(21) 2022211799 (22) 02.08.2022  
(54) SUBSEA HORIZONTAL CONNECTION ARRANGEMENT  
(62) 2021218152
- 
- (71) ViaSat, Inc.  
(21) 2022211883 (22) 04.08.2022  
(54) RETURN-LINK ROUTING IN A HYBRID NETWORK  
(62) 2017375749
- 
- (71) ViaSat, Inc.  
(21) 2022211896 (22) 05.08.2022  
(54) GROUND-BASED BEAMFORMED COMMUNICATIONS USING MUTUALLY SYNCHRONIZED SPATIALLY MULTIPLEXED FEEDER LINKS  
(62) 202202663
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- Voronoibio Inc. see Voronoi Inc.**  
(21) 2022211789
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- (71) Voronoi Inc.; Voronoibio Inc.; B2SBio Inc.  
(21) 2022211789 (22) 01.08.2022  
(54) Heteroaryl derivative, method for producing the same, and pharmaceutical composition comprising same as effective component  
(62) 2020240382
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- (71) Voudouris, V.  
(21) 2022211893 (22) 05.08.2022  
(54) Bendamustine Solid Dispersions and Continuous Infusion  
(62) 2020233707
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- VRIJE UNIVERSITEIT BRUSSEL see UNIVERSITEIT GENT**  
(21) 2022211848
- 
- (71) W.M. Barr & Company, Inc.  
(21) 2022215220 (22) 10.08.2022



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(54) Spill resistant and moisture absorbing device  
 (62) 2019277592

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(71) Weatherhaven Global Resources Ltd.  
 (21) 2022211914 (22) 05.08.2022  
 (54) Rapidly deployable modular shelter system  
 (62) 2019431743

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(71) Wohlfarth, K.  
 (21) 2022215170 (22) 09.08.2022  
 (54) Rim system and arrangement comprising a rim system  
 (31) 10 2021 208 800.7 (32) 11.08.21 (33) DE

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(71) Wonderland Switzerland AG  
 (21) 2022215169 (22) 09.08.2022  
 (54) Baby stroller with a folding mechanism triggered by a child carrier  
 (62) 2019254655

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(71) WTA - Watanabe Tecnologia Aplicada Eirele - EPP  
 (21) 2022211793 (22) 01.08.2022  
 (54) Automatically adjustable device for affixing to the nose of animals  
 (62) 2018382231

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(71) Yodlee, Inc.  
 (21) 2022215149 (22) 08.08.2022  
 (54) SYNTHESIZING USER TRANSACTIONAL DATA FOR DE-IDENTIFYING SENSITIVE INFORMATION  
 (31) 17/506,508 (32) 20.10.21 (33) US

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ZAGAR, D. see JAMES, J.  
 (21) 2022215192

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(71) Zonneveld, E.; Heywood, P.  
 (21) 2022211918 (22) 06.08.2022  
 (54) Coupling with components which prevent interchangeability  
 (31) 63/234,160 (32) 17.08.21 (33) US

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<b>2022209362</b>	Source	<b>2022211855</b>	Booth, M.
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<b>2022211799</b>	Vetco Gray Scandinavia AS	<b>2022211873</b>	Solecki, O.
<b>2022211800</b>	Mallinckrodt Pharmaceuticals Ireland Limited	<b>2022211874</b>	SodaStream Industries Ltd.
<b>2022211801</b>	Anduril Industries, Inc.	<b>2022211875</b>	CATERPILLAR GLOBAL MINING LLC
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<b>2022211803</b>	Anduril Industries, Inc.	<b>2022211877</b>	Mitsubishi Tanabe Pharma Corporation
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<b>2022211806</b>	Anduril Industries, Inc.	<b>2022211881</b>	ST Engineering Aethon, Inc.
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<b>2022211818</b>	Ningbo Wentai Sport Equipment Co., Ltd.	<b>2022211893</b>	Voudouris, V.
<b>2022211819</b>	Electrical Engineering Solutions Pty Ltd	<b>2022211894</b>	NVIDIA Corporation
<b>2022211820</b>	RAPSODO PTE. LTD.	<b>2022211895</b>	Depuy Ireland Unlimited Company, Inc.
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<b>2022211826</b>	Becton, Dickinson and Company	<b>2022211901</b>	Diverse Industries Intl. Pty Ltd
<b>2022211827</b>	Aristocrat Technologies, Inc.	<b>2022211902</b>	IntensiChem Group Limited
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<b>2022211833</b>	Simex Engineering S.r.l.	<b>2022211908</b>	Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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<b>2022211843</b>	Belkin Vision Ltd.	<b>2022211918</b>	Zonneveld, E.; Heywood, P.
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<b>2022211853</b>	LUTZ, T.		
<b>2022211854</b>	Pfizer Inc.		

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2022215149	Yodlee, Inc.	2022215223	iBiquity Digital Corporation
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2022215151	Mahindra & Mahindra Limited	2022215225	Arbutus Biopharma Corporation
2022215152	BPW Bergische Achsen KG	2022215226	TNBT Holdings Pty Limited
2022215153	Kingseafoodmarket	2022215227	Technological Resources Pty Ltd
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2022215157	Houghton Leisure Products Pty Ltd	2022215231	The Trustees of the University of Pennsylvania; Thomas Jefferson University of Innovation Pillar
2022215158	Targus International LLC	2022215232	Accenture Global Solutions Limited
2022215159	Secretary, Department of Atomic Energy	2022215233	THE CHEMOURS COMPANY FC, LLC
2022215160	Dolby International AB	2022215234	Gallagher Group Limited
2022215161	Applied Medical Resources Corporation	2022215235	University of Florida Research Foundation, Inc.
2022215163	Blanco GmbH + Co KG	2022215236	DePuy Synthes Products, Inc.
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2022215166	PQI Pty Ltd	2022215239	HENSOLDT Sensors GmbH
2022215167	UBER TECHNOLOGIES, INC.	2022215240	Ishida Co., Ltd.
2022215168	Poynt Co.	2022215241	LG ELECTRONICS INC.
2022215169	Wonderland Switzerland AG	2022215242	AMO Development, LLC
2022215170	Wohlfarth, K.	2022215243	Interscope, Inc.
2022215171	Klein Tools, Inc.	2022215266	Awol Outdoors, Inc.
2022215172	Techtronic Cordless GP	2022215269	Juno Therapeutics, Inc.; Editas Medicine, Inc.
2022215173	MacDon Industries Ltd	2022215313	R.M Creighton Dental Pty Ltd
2022215174	Greyling, F.P.		
2022215175	IDAC Holdings, Inc.		
2022215176	Diogenes Limited		
2022215177	Invuity, Inc.		
2022215178	Vertex Pharmaceuticals Incorporated		
2022215179	LG Electronics Inc.		
2022215180	Accenture Global Solutions Limited		
2022215181	Orange Hardware Company		
2022215182	Johnson & Johnson Consumer Inc.		
2022215183	Incall Limited		
2022215184	AMO Development, LLC		
2022215185	Atea Pharmaceuticals Inc.		
2022215186	Société des Produits Nestlé S.A.		
2022215187	Poly-clip System GmbH & Co. KG		
2022215188	Apple Inc.		
2022215189	F. Hoffmann-La Roche AG		
2022215190	MeiraGTx UK II Limited		
2022215191	Duracell U.S. Operations, Inc.		
2022215192	JAMES, J.; ZAGAR, D.		
2022215196	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH		
2022215197	LG Electronics Inc.		
2022215198	Accenture Global Solutions Limited		
2022215199	FISHER & PAYKEL HEALTHCARE LIMITED		
2022215200	Nozomi Networks Sagl		
2022215201	UOP LLC		
2022215202	Aristocrat Technologies, Inc.		
2022215203	DE BRUIN, A.		
2022215204	Featurespace Limited		
2022215205	Bluescope Steel Limited		
2022215206	Mahindra & Mahindra Limited		
2022215207	Celularity Inc.		
2022215208	Immatics Biotechnologies GmbH		
2022215209	Emulate, Inc.		
2022215210	Andrews, F.		
2022215211	Regeneron Pharmaceuticals, Inc.		
2022215212	DSM IP Assets B.V.		
2022215213	Angel Group Co., Ltd.		
2022215214	Angel Group Co., Ltd.		
2022215215	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)		
2022215216	Precision Planting LLC		
2022215217	Hangzhou DAC Biotech Co., Ltd		
2022215218	Bioverativ Therapeutics Inc.		
2022215219	LG ELECTRONICS INC.		
2022215220	W.M. Barr & Company, Inc.		
2022215221	Mahindra and Mahindra Limited		
2022215222	AMO Development, LLC		

**Innovation Patent Applications Filed****Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 9 Aug 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) Everflo Australia Pty Ltd  
(21) 2022100105 (22) 11.08.2022  
(54) System and Method of Treating Brines  
(62) 2021105321

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(71) HKN International, LLC d/b/a Aerosmith  
Fastening Systems  
(21) 2022100107 (22) 15.08.2022  
(54) FASTENING SYSTEM  
(62) 2021202679

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**HONG, W. see Summit Trade & Investment  
Pty Ltd**  
(21) 2022100108

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**Sanvito, D. see Sanvito, A.**  
(21) 2022100106

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(71) Sanvito, A.; Sanvito, D.  
(21) 2022100106 (22) 12.08.2022  
(54) Joint compound  
(62) 2017313451

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(71) Summit Trade & Investment Pty Ltd;  
HONG, W.  
(21) 2022100108 (22) 15.08.2022  
(54) OVER DISCHARGE PROTECTION  
CIRCUIT FOR ADDITIVE MANUFAC-  
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(62) 2021103879

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**2022100105** Everflo Australia Pty Ltd  
**2022100106** Sanvito, A.; Sanvito, D.

**2022100107** HKN International, LLC d/b/a Aerosmith Fastening Systems  
**2022100108** Summit Trade & Investment Pty Ltd; HONG, W.

**Applications with amended filing dates Reg 3.5(A).**

2022205148 **RHODIA OPERATIONS** The filing date has been amended to 12.07.2022

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

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

The codes next to each number have the following meanings:

**Code Meaning**

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

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**2003**

2003205338 ( 14 )    2003205367 ( 14 )    2003207287 ( 14 )  
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 2003208350 ( 14 )    2003210679 ( 14 )    2003217273 ( 14 )  
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**2004**

2004200297 ( 14 )    2004200389 ( 14 )    2004207396 ( 14 )  
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**2009**

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**2011**

2011205217 ( 14 )    2011209989 ( 14 )    2011210362 ( 14 )  
 2011210588 ( 14 )    2011288842 ( 14 )    2011354597 ( 14 )  
 2011357560 ( 14 )

**2012**

2012200980 ( 14 )    2012211141 ( 14 )    2012211903 ( 14 )  
 2012214869 ( 14 )    2012222608 ( 14 )    2012258396 ( 14 )

**2013**

2013200963 ( 14 )    2013201571 ( 14 )    2013211850 ( 14 )  
 2013214319 ( 14 )    2013215396 ( 14 )    2013215424 ( 14 )  
 2013287282 ( 14 )

**2014**

2014100874 ( 22 )    2014100877 ( 22 )    2014100886 ( 22 )  
 2014100900 ( 22 )    2014101534 ( 22 )    2014203215 ( 14 )  
 2014209162 ( 14 )    2014209803 ( 14 )    2014211478 ( 14 )  
 2014211579 ( 14 )    2014212496 ( 14 )    2014212510 ( 14 )  
 2014215660 ( 14 )    2014219383 ( 14 )    2014242367 ( 14 )

**2015**

2015100082 ( 22G )    2015100111 ( 22 )    2015200374 ( 14 )  
 2015202871 ( 14 )    2015203433 ( 14 )    2015211866 ( 14 )

2015212413 ( 14 ) 2015212554 ( 14 ) 2015217919 ( 14 )  
 2015376865 ( 16C ) 2015416243 ( 5C )

**2016**

2016100074 ( 22E ) 2016102434 ( 22E ) 2016200446 ( 14 )  
 2016211457 ( 14 ) 2016212059 ( 14 ) 2016213061 ( 14 )  
 2016213183 ( 14 ) 2016213943 ( 14 ) 2016214102 ( 14 )  
 2016215747 ( 14 ) 2016223281 ( 14 ) 2016244205 ( 5C )  
 2016244232 ( 5C ) 2016267257 ( 5C ) 2016276704 ( 5C )  
 2016298376 ( 5C ) 2016304599 ( 5C ) 2016313669 ( 14 )  
 2016341966 ( 5C ) 2016343300 ( 5C ) 2016348140 ( 5C )  
 2016368277 ( 25D ) 2016422515 ( 5C ) 2016424895 ( 5C )

**2017**

2017100150 ( 22 ) 2017100528 ( 22 ) 2017100610 ( 22 )  
 2017100611 ( 22 ) 2017200455 ( 14 ) 2017201303 ( 5C )  
 2017204243 ( 5C ) 2017208782 ( 5C ) 2017209435 ( 5C )  
 2017210779 ( 4C ) 2017211775 ( 4D ) 2017214300 ( 4C )  
 2017276330 ( 14 ) 2017279837 ( 1B ) 2017289600 ( 5C )  
 2017293862 ( 5C ) 2017296231 ( 5C ) 2017305339 ( 5C )  
 2017334368 ( 5C ) 2017346844 ( 5C ) 2017357085 ( 5C )  
 2017368745 ( 25D ) 2017371964 ( 5C ) 2017372885 ( 5C )

**2018**

2018100117 ( 22E ) 2018100121 ( 22E ) 2018200277 ( 14 )  
 2018200668 ( 14 ) 2018200670 ( 4C ) 2018211529 ( 4C )  
 2018211934 ( 4C ) 2018212616 ( 4C ) 2018212618 ( 4C )  
 2018212824 ( 4C ) 2018212916 ( 4C ) 2018213369 ( 4C )  
 2018213376 ( 4C ) 2018219022 ( 4B ) 2018220019 ( 1B )  
 2018220038 ( 1B ) 2018220073 ( 1B ) 2018220124 ( 1B )  
 2018222893 ( 1B ) 2018226399 ( 5C ) 2018233582 ( 25D )  
 2018273914 ( 12C ) 2018319352 ( 1B ) 2018320186 ( 1B )  
 2018320484 ( 1B ) 2018320579 ( 1B ) 2018320726 ( 1B )  
 2018321042 ( 1B ) 2018321150 ( 1B ) 2018321387 ( 1B )  
 2018321402 ( 1B ) 2018321578 ( 1B ) 2018321581 ( 1B )  
 2018321893 ( 1B ) 2018321898 ( 1B ) 2018322432 ( 1B )  
 2018322478 ( 1B ) 2018322732 ( 1B ) 2018322733 ( 1B )  
 2018322923 ( 1B ) 2018323052 ( 1B ) 2018323053 ( 1B )  
 2018323503 ( 1B ) 2018323807 ( 1B ) 2018323900 ( 1B )  
 2018323925 ( 1B ) 2018323938 ( 1B ) 2018324040 ( 1B )  
 2018324089 ( 1B ) 2018324091 ( 1B ) 2018324477 ( 1B )  
 2018326287 ( 1B ) 2018326289 ( 1B ) 2018326291 ( 1B )  
 2018326475 ( 1B ) 2018326507 ( 1B ) 2018326633 ( 1B )  
 2018327090 ( 1B ) 2018367792 ( 5C ) 2018382231 ( 5C )  
 2018404483 ( 4A ) 2018404484 ( 4A ) 2018432124 ( 5C )

**2019**

2019100091 ( 22E ) 2019226172 ( 4C ) 2019229232 ( 5C )  
 2019232934 ( 25D ) 2019237156 ( 5C ) 2019242730 ( 5C )  
 2019243854 ( 5C ) 2019261672 ( 16C ) 2019264587 ( 5C )  
 2019267666 ( 5C ) 2019276955 ( 5C ) 2019277233 ( 5C )  
 2019281797 ( 5C ) 2019282829 ( 5C ) 2019289589 ( 5C )  
 2019310339 ( 5C ) 2019341143 ( 5C ) 2019370330 ( 5C )  
 2019392184 ( 5C )

**2020**

2020100146 ( 22E ) 2020100147 ( 22E ) 2020100149 ( 22E )  
 2020100151 ( 22E ) 2020202022 ( 5C ) 2020202965 ( 4C )  
 2020203203 ( 5C ) 2020203549 ( 5C ) 2020203641 ( 5C )  
 2020203802 ( 4C ) 2020203913 ( 5C ) 2020204285 ( 5C )  
 2020204425 ( 4C ) 2020204594 ( 5C ) 2020217417 ( 5C )  
 2020220125 ( 5C ) 2020220180 ( 4C ) 2020223661 ( 5C )  
 2020230275 ( 5C ) 2020233688 ( 5C ) 2020239658 ( 5C )  
 2020239800 ( 5C ) 2020256309 ( 5C ) 2020256393 ( 5C )  
 2020256436 ( 5C ) 2020256462 ( 5C ) 2020267318 ( 5C )  
 2020273313 ( 5C ) 2020277222 ( 4C ) 2020281033 ( 5C )  
 2020289801 ( 5C ) 2020294355 ( 4C )

**2021**

2021106889 ( 21F ) 2021201629 ( 4C ) 2021205008 ( 4C )  
 2021218038 ( 12AN ) 2021902548 ( 12AN ) 2021902621 ( 12AN )  
 2021902851 ( 12AN ) 2021902968 ( 12AN )

**2022**

2022203450 ( 1B ) 2022203490 ( 1B ) 2022203530 ( 1B )  
 2022203536 ( 1B ) 2022203543 ( 1B ) 2022203639 ( 7AN )  
 2022204694 ( 12A )

**Assignments before Grant, Section 113**

**2017**

2017231572 Fugro N.V. The application has been assigned to **FNV IP B.V.**

2017379423 The Heart Research Institute Ltd The application has been assigned to **Nanomedx, Inc.**

**2018**

2018241524 Siamons International Inc. The application has been assigned to **Rust-Oleum Corporation**

2018326415 Siamons International Inc. The application has been assigned to **Rust-Oleum Corporation**

2018335768 Henkel IP & Holding GmbH The application has been assigned to **Henkel AG & Co. KGaA**

2018338182 Henkel IP & Holding GmbH The application has been assigned to **Henkel AG & Co. KGaA**

2018347782 The Chancellor, Masters and Scholars of the University of Oxford The application has been assigned to **Ludwig Institute for Cancer Research Ltd**

2018395958 Henkel IP & Holding GmbH; Henkel AG & Co. KGaA The application has been assigned to **Henkel AG & Co. KGaA**

**2019**

2019212097 akvola Technologies GmbH The application has been assigned to **Steffen Hartmann Recyclingtechnologien GmbH**

2019222519 Zilper Trenchless, Inc. The application has been assigned to **ArcByt, Inc.**

2019239730 Chen, Lan The application has been assigned to **CHO Pharma USA, Inc**

2019241260 Shanghai Fochon Pharmaceutical Co., Ltd.; Fochon Pharmaceuticals, Ltd. The application has been assigned to **Fochon Biosciences, Ltd.**

2019247835 FMC Corporation The application has been assigned to **FMC Agricultural Products International AG**

2019253198 Chemical Intelligence Limited The application has been assigned to **BMG (British Medical Group) Limited**

2019262099 NewSouth Innovations Pty Ltd The application has been assigned to **Silicon Quantum Computing Pty Ltd**

2019289210 Reckitt Benckiser Health Limited The application has been assigned to **Scholl's Wellness Company Limited**

**Assignments before Grant, Section 113**

- 2019301657 Applied Lifesciences And Systems LLC The application has been assigned to **Targan, Inc.**
- 2019308513 Applied LifeSciences and Systems, LLC The application has been assigned to **Targan, Inc.**
- 2019310098 Applied Lifesciences And Systems LLC The application has been assigned to **Targan, Inc.**
- 2019319887 Rocket Crafters, Inc. The application has been assigned to **Vaya Space, Inc.**
- 2019325620 Rocket Crafters, Inc. The application has been assigned to **Vaya Space, Inc.**
- 2019336337 The Heart Research Institute Ltd The application has been assigned to **Nanomedx, Inc.**
- 2019337582 ViaSat, Inc. The application has been assigned to **EF-FECT Photonics B.V.**
- 2019337583 ViaSat, Inc. The application has been assigned to **EF-FECT Photonics B.V.**
- 2019339341 ViaSat, Inc. The application has been assigned to **EF-FECT Photonics B.V.**
- 2019339457 ViaSat, Inc. The application has been assigned to **EF-FECT Photonics B.V.**
- 2019343240 Li, Hong; Jiangsu Jiuxu Haitian Pharmaceutical Co., Ltd The application has been assigned to **Jiangsu Jiuxu Pharmaceutical Co., Ltd.; Li, Hong**
- 2019348630 Inibsa Ginecología, S.A. The application has been assigned to **ITALFARMACO S.P.A.**
- 2020**
- 2020222396 The Heart Research Institute, Ltd. The application has been assigned to **Nanomedx, Inc.**
- 2020260421 Applied LifeSciences and Systems, LLC The application has been assigned to **Targan, Inc.**
- 2020268428 MK1 Engineering LLC The application has been assigned to **Precision Planting LLC**
- 2020279121 Creek Channel Inc. The application has been assigned to **Cougar Creek Technologies, LLC**
- 2020350487 Interactive Aerial, Inc. The application has been assigned to **Nexxis Technology Pty Ltd**
- 2020398859 Chen, Eric The application has been assigned to **Hi-Dow IPHC, Inc.**
- 2020400985 Woodside Energy Technologies Pty Ltd The application has been assigned to **RemSense Pty Ltd**

**Assignments before Grant, Section 113**

- 2020424043 Electronic Design & Development, Corp. The application has been assigned to **BEAMX, INC.**
- 2020441251 Ho, Wai; Chan, Johnny; Lau, Johnson The application has been assigned to **AVALON BIOMEDICAL (MANAGEMENT) LIMITED**
- 2021**
- 2021204060 Applied LifeSciences and Systems LLC The application has been assigned to **Targan, Inc.**
- 2021204989 Buildsafe Queensland Pty Ltd The application has been assigned to **Buildsafe Equipment Sales Pty Ltd**
- 2021218043 Applied LifeSciences and Systems LLC The application has been assigned to **Targan, Inc.**
- 2021218054 LU, Margaret; CHIU, Howard; CHEUNG, Dexter; BARNES, Thomas The application has been assigned to **Fisher & Paykel Healthcare Limited**
- 2021221550 Orica Australia Pty Ltd The application has been assigned to **Orica International Pte Ltd**
- 2021903382 BARNES, Thomas Heinrich; LU, Margaret Shi; CHIU, Howard Kuo-Hao; CHEUNG, Dexter Chi Lun The application has been assigned to **Fisher & Paykel Healthcare Limited**

**2022**

- 2022901333 LU, Margaret Shi; CHIU, Howard Kuo-Hao; CHEUNG, Dexter Chi Lun; LAYEC, Eglantine Penelope Mary; BARNES, Thomas Heinrich The application has been assigned to **Fisher & Paykel Healthcare Limited**

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

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

**2010**

- 2010333670 **T.O.P. TECH CORPORATION** An application to extend the time from 14 Dec 2021 to 14 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson L 35 St Martins Tower 31 Market St SYDNEY NSW 2000 AU

**2012**

- 2012350078 **Tang, Y.; JIANG, Q.; Tang, E.** An application to extend the time from 16 Feb 2021 to 16 Aug 2022 in which to pay a renewal fee has been filed . Address for service - Qiongchen Jiang c/o Ark IP 3005 / 438 Victoria Ave. CHATSWOOD NSW 2067 AU

**2017**

- 2017342167 **Institut Pasteur de Montevideo; Universidad de la República; Batthyány, C.** An application to extend the time from 16 Oct 2021 to 16 Jun 2022 in which to pay a continuation fee has been



**Extensions of Time, Section 223**

filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2021**

2021200708 **Spraying Systems Co.** An application to extend the time from 03 Nov 2021 to 03 Jun 2022 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Applications Allowed - Section 223(2)****2005**

2005253658 **McGregor, R.** The time in which to pay a renewal fee has been extended to 15 Apr 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2011**

2011292910 **Healthy Foods, LLC** The time which to pay a renewal fee has been extended to 08 Oct 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 6 60 Pitt Street Sydney NSW 2000 AU

**2012**

2012204047 **Woodside Energy Limited** The time in which to pay a renewal fee has been extended to 09 Apr 2022 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

**2013**

2013250172 **Lim, Y.** The time in which to pay a renewal fee has been extended to 11 Apr 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2014**

2014200612 **Healthy Foods, LLC** The time in which to pay a renewal fee has been extended to 08 Oct 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014200614 **Healthy Foods, LLC** The time in which to pay a renewal fee has been extended to 08 Oct 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014200615 **Healthy Foods, LLC** The time in which to pay a renewal fee has been extended to 08 Oct 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

**2015**

2015221444 **Ticbar Pty Ltd** The time in which to pay a renewal fee has been extended to 31 Mar 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015230748 **Global Carbon Footprint Solutions Pty Limited** The time in which to pay a renewal fee has been extended to 23 May 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**Extensions of Time, Section 223****2016**

2016100200 **Southern Seawall Solutions Pty Limited** The time in which to pay a renewal fee has been extended to 23 Apr 2022 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2016309953 **Coogee Titanium Pty Ltd** The time in which to pay the acceptance fee has been extended to 24 Jul 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016364624 **Otago Innovation Limited** The time in which to pay a continuation fee and gain acceptance has been extended to 01 Dec 2022 . Address for service - Catalyst Intellectual Property PO Box 25520 Wellington 5012 NZ

2016371228 **Aurora Labs Limited** The time in which to pay the acceptance fee has been extended to 24 Aug 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2017**

2017225908 **Qingdao Xin Shi Gang Technology Industry Co Ltd** The time in which to gain acceptance has been extended to 12 Apr 2022 . Address for service - Remarkable IP PO Box 207 Queenstown Otago 9348 NZ

2017309774 **Zebware AB** The time in which to gain acceptance has been extended to 01 Jan 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017325024 **The Texas A&M University System** The time in which to pay a continuation fee has been extended to 07 Apr 2022 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2019**

2019280590 **AC Immune SA** The time in which to gain acceptance has been extended to 28 Oct 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019380318 **MADDEN, Thomas, H.** The time in which to enter the National Phase has been extended to 14 May 2022 . Address for service - Jogias Patent & Trade Marks Attorneys 36 Manor Street EIGHT MILE PLAINS QLD 4113 AU

**2020**

2020202956 **TNBT HOLDINGS PTY LTD** The time in which to pay the acceptance fee has been extended to 14 Aug 2022 . Address for service - Chrysiou IP Unit 1 Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2020205245 **SRG Global IP Pty Ltd** The time in which to pay the acceptance fee has been extended to 07 Aug 2022 . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

2020289038 **VISTA OUTDOOR OPERATIONS LLC** The time in which to enter the National Phase has been extended to 03 Jun 2022 . Address for service - Phoenix Intellectual Property PO BOX 592 Lane Cove NSW 1595 AU

2020360701 **RIJK ZWAAN ZAADTELT EN ZAADHANDEL B.V.** The time in which to enter the National Phase has been extended to 01

**Extensions of Time, Section 223**

Jun 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020365352 **ILLUMINA, INC.; ILLUMINA SINGAPORE PTE. LTD.; ILLUMINA CAMBRIDGE LIMITED** The time in which to enter the National Phase has been extended to 16 Jun 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**Amendments**

**Applications for Amendment**

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

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

**2015**

2015278235 A rail crossover control system **Technological Resources Pty. Limited** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2015280351 Fatty acids and their use in conjugation to biomolecules **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015295817 Composition containing apomorphine and a divalent metal cation **Britannia Pharmaceuticals Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015325329 CARBONATED BEVERAGE, SYRUP USED FOR PREPARING CARBONATED BEVERAGE, METHOD FOR MANUFACTURING CARBONATED BEVERAGE, AND METHOD FOR SUPPRESSING FOAMING IN CARBONATED BEVERAGE **Suntory Holdings Limited** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2016**

2016209516 Extruded protein product and methods of making **General Mills, Inc.** The nature of the amendment is: Add inventor Heck, Caleb Ian . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016259012 Multiprocessor pipeline architecture **Pacific Biosciences of California, Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Aug 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

**2017**

2017246334 Treating extrapyramidal syndrome using Trapidil **Sinopia Biosciences, INC.** The nature of the amendment is as

**Amendments**

shown in the statement(s) filed 08 Aug 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017332262 Rapid skin treatment using microcoring **Cytrellis Biosystems, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Jul 2022 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2017347825 Systems and methods for optical sensing of biomolecular targets **Integrated Nano-Technologies, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017377130 Video frame processing for motion comparison **Praaktis Limited** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

**2018**

2018214554 Treatment of diuretic resistance **Novo Nordisk A/S ; Yale University** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018442982 Solid cleansing compositions and methods for the same **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019242446 Separation of ozone oxidation in liquid media into three unit operations for process optimization **L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2019358971 An automotive tow hitch device **Maxtrax Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019462996 Composition for use in cleaning metal components **Valvoline Licensing and Intellectual Property LLC** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

**2020**

2020202323 Modular intraocular lens designs **ClarVista Medical, Inc. ; The Regents of the University of Colorado, a body corporate** The nature of the amendment is: Delete co-applicant ClarVista Medical, Inc. and add co-applicant Alcon, Inc. . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

**2021**

2021107173 SYSTEM AND APPARATUS FOR A STRUCTURAL BEAM **Wallace Building Systems Pty Ltd** The nature of the

**Amendments**

amendment is as shown in the statement(s) filed 21 Jul 2022 . Address for service - Pini IP 638 Queensberry St North Melbourne VIC 3051 AU

2021230398 **Apparatus, system and methods for batteries 3ME Technology Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 08 Aug 2022 . Address for service - Caska Intellectual Property Pty Ltd Level 6, 201 Kent Street Barangaroo NSW 2000 AU

**Amendments Made**

**2015**

2015317799 **IPG Photonics Corporation** The nature of the amendment is: Amend the name of the inventor to read Leonardo, Manuel; Samartsev, Igor; Avdokhin, Alexey; Keaton, Gregory; Vaupel, Andreas; Tzankov, Pancho and Shkurikhin, Oleg

2015317834 **3M Innovative Properties Company** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2022

**2016**

2016430820 **Puma SE** The nature of the amendment is: Amend the invention title to read A Method of Actuating a Rotary Closure

**2017**

2017201557 **Joy Global Surface Mining Inc** The nature of the amendment is as shown in the statement(s) filed 28 Apr 2022

2017332217 **Robel Bahnbaumaschinen GmbH** The nature of the amendment is: Amend the invention title to read Machine for track maintenance, manually displaceable on a track

2017426743 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER EQUIPMENT AND BASE STATION APPARATUS

**2018**

2018233157 **Imagine Intelligent Materials Ltd** The nature of the amendment is: Amend the name of the inventor to read Aitchison, Philip; Giorgio, Vito and Gorkin, Robert

2018233574 **Imagine Intelligent Materials Ltd** The nature of the amendment is: Amend the name of the inventor to read Aitchison, Philip; Giorgio, Vito and Gorkin, Robert

2018326785 **Angion Biomedica Corp.** The nature of the amendment is: Amend the name of a co-inventor to read PAKA, Swarnalatha

**2019**

2019100322 **Truckmate Australia Pty Limited** The nature of the amendment is as shown in the statement filed 04 Nov 2021

2019200800 **Zou, G.** The nature of the amendment is: Application is to proceed under the number 2019101831

2019229452 **Drill-Bourn Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101829

**Amendments**

2019282930 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101830

2019282930 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Aug 2022

2019347515 **The Regents of the University of Colorado, a body corporate** The nature of the amendment is: Amend the name of the inventor to read LIECHTY, Kenneth; ZGHEIB, Carlos; HILTON, Sarah Ashley and SEAL, Sudipta

**2020**

2020260545 **Weber-Stephen Products LLC** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2022

2020273341 **DGIT Systems Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Apr 2022

2020386611 **The First Engineering Co., Ltd. of CTCE Group; China Tiesiju Civil Engineering Group Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2020104486

2020400985 **RemSense Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104485

2020407296 **Richel Group** The nature of the amendment is as shown in the statement filed 13 Jul 2022

2020414266 **Equinor Energy AS** The nature of the amendment is: Amend the name of the inventor to read LOPEZ, Olivier; OLSEN, Beate Louise Stølen; MIKKELSEN, Kjell Einar and USHAKOV, Georgy

2020416492 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Multicast Service Implementation Method and Apparatus, and Communications Device

2020427245 **Heavy Kinematic Machines Sp. z o. o.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2022

2020435735 **NEC Corporation** The nature of the amendment is: Amend the invention title to read GATE SYSTEM, GATE APPARATUS, IMAGE PROCESSING METHOD THEREFOR, PROGRAM, AND ARRANGEMENT METHOD FOR GATE APPARATUS

**2021**

2021205633 **Parlanca Limited** The nature of the amendment is as shown in the statement filed 13 Jul 2022

2021209322 **Juul Labs, Inc.** The nature of the amendment is: Amend the name of the inventor to read MONSEES, James; BOWEN, Adam; HATTON, Nicholas J.; CHRISTENSEN, Steven; ATKINS, Ariel; LOMELI, Kevin; HIBMACRONAN, Christopher Nicholas and MORENSTEIN, Joshua

2021212288 **Maurer Engineering GmbH** The nature of the amendment is: Amend the invention title to read STRUCTURAL SLIDING BEARING AND STRUCTURAL BEARING SYSTEM

**Amendments**

2021213420 **N.V. Nutricia** The nature of the amendment is as shown in the statement(s) filed 10 Aug 2022

2021213956 **Freeline Therapeutics Limited** The nature of the amendment is: Amend the invention title to read Improved assay for determining neutralising antibody titre to a viral vector

2021214124 **Otsuka Pharmaceutical Factory, Inc.** The nature of the amendment is: Amend the invention title to read Method of producing capsule including pancreatic islet

2021215022 **Maurer Engineering Gmbh** The nature of the amendment is: Amend the invention title to read TRANSITION STRUCTURE FOR BRIDGING A STRUCTURAL JOINT

2021221805 **Healthsafe NZ Limited** The nature of the amendment is: Application is to proceed under the number 2021107666

2021236141 **ImmunityBio, Inc.** The nature of the amendment is: Amend the name of the inventor to read SOON-SHIONG, Patrick; SIELING, Peter; SHIN, Annie; SENDER, Leonard; SAFRIT, Jeffrey; RICE, Adrian; RABIZADEH, Shahrooz; NIAZI, Kayvan; GEISSERT, Lise and GABITZSCH, Elizabeth

2021240647 **Foshan Tiansi Hardware Co., Ltd** The nature of the amendment is: Amend the invention title to read DAMPER WITH HIDDEN RAIL

2021286750 **South China Sea Institute of Oceanology, Chinese Academy of Sciences** The nature of the amendment is: Amend the invention title to read GROUNDING METHOD AND DEVICE FOR SEGMENTED GROUNDING ELECTRIC EQUIPMENT

2021902515 **Woodside Energy Technologies Pty Ltd** The nature of the amendment is: Amend the invention title to read SYSTEM AND METHOD FOR CONVERTING GASEOUS CARBON COMPOUNDS TO CARBON NEUTRAL OR NEGATIVE PRODUCTS

2021902752 **Walking Floors Pty Ltd** The nature of the amendment is: Application is to proceed under number 2021425000

**2022**

2022200665 **CAMPOLI, N.; CIRCOSTA, M.** The nature of the amendment is: Amend the priority details to read 17/300,313 21 Jul 2021 US

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

**2012**

2012259893 **SDS Biotech K. K.** The name of the patentee has been altered to **SDS Biotech K.K.**

**2013**

2013256547 **Safe-Strap Company, Inc.** The name of the patentee has been altered to **Safe-Strap Company, LLC**

**2014**

2014101382 **3D Living Pty Ltd** The name of the patentee has been altered to **INOSTRUCT PTY LTD**

**Amendments**

2014244137 **Bandura, LLC** The name of the patentee has been altered to **ThreatBlockr, Inc**

**2015**

2015258335 **3D Living Pty Ltd** The name of the patentee has been altered to **INOSTRUCT PTY LTD**

**2018**

2018295115 **Vutiliti, Inc.** The name of the applicant has been altered to **Vutility, Inc.**

**2019**

2019356973 **Seeds Capital Limited** The name of the applicant has been altered to **SUSTAINABLE ENERGY EFFICIENT DESIGNED STRUCTURES LIMITED**

**2020**

2020203896 **Prophylaxis, LLC** The name of the applicant has been altered to **Elian LLC**

2020224316 **Simplicardiac SP. Z O.O.** The name of the applicant has been altered to **Simplicardiac S.A.**

2020256411 **Clearstream Technologies Limited** The name of the applicant has been altered to **ClearStream Technologies Limited**

**2021**

2021205506 **BriOri BioTech, LLC** The name of the applicant has been altered to **Briori Biotech, Inc.**

**2022**

2022211795 **Syhte.bio Inc.** The name of the applicant has been altered to **Syhte.bio Inc.; Williams, M.**

Applications Open to Public Inspection

Name Index

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

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(71) 2840629 ONTARIO INC.  
 (11) AU-A-2022200842  
 (21) 2022200842 (22) 09.02.2022  
 (54) Organizer wall panel assembly  
 (51) Int. Cl.  
**E04F 13/08** ( 2006.01 )  
**A47F 5/08** ( 2006.01 )  
 (31) 17/173,603 (32) 11.02.21 (33) US  
 (43) 25.08.2022  
 (72) PRIZZI, Giuseppe; VENAFRO, Marcello  
 (74) BOSH IP Pty Ltd

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(71) AbbVie Inc.  
 (11) AU-A-2022209336  
 (21) 2022209336 (22) 29.07.2022  
 (54) Methods for treating HCV  
 (51) Int. Cl.  
**A61K 31/454** ( 2006.01 )  
**A61K 31/498** ( 2006.01 )  
**A61K 31/7072** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020239800  
 (72) BERNSTEIN, Barry M.; DUTTA, Sandeep; LIU, Wei; PODSADECKI, Thomas J.; CAMPBELL, Andrew L.; MENON, Rajeev M.; LIN, Chih-Wei; WANG, Tianli; AWNI, Walid M.  
 (74) Spruson & Ferguson

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**ABT Holding Company see Katholieke Universiteit Leuven**  
 (21) 2022211794

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(71) Aeovian Pharmaceuticals, Inc.  
 (11) AU-A-2022209289  
 (21) 2022209289 (22) 27.07.2022  
 (54) MTORC MODULATORS AND USES THEREOF  
 (51) Int. Cl.  
**C07D 498/18** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2022202241  
 (72) Tzannis, Stelios T.; Massey, Ian J.; Froidbise, Alexandre; Eppe, Guillaume  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Agilent Technologies, Inc.  
 (11) AU-A-2022210222  
 (21) 2022210222 (22) 01.08.2022  
 (54) ANTIGEN DETECTION USING PHOTOCLEAVABLE LABELS  
 (51) Int. Cl.  
**G01N 33/533** ( 2006.01 )  
**G01N 21/63** ( 2006.01 )

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(43) 25.08.2022  
 (62) 2016304599  
 (72) Healy, Mimi; Chen, Xiyi; Wang, Jinchun; Wu, Weidong; Petrichenko, Sophia; Zhang, Su; Frye, Stacie  
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) Air Products and Chemicals, Inc.  
 (11) AU-A-2022200594  
 (21) 2022200594 (22) 31.01.2022  
 (54) METHOD AND SYSTEM FOR DECARBONIZED LNG PRODUCTION  
 (51) Int. Cl.  
**F25J 1/00** ( 2006.01 )  
**C01B 3/26** ( 2006.01 )  
**F25J 3/06** ( 2006.01 )  
 (31) 17/168,770 (32) 05.02.21 (33) US  
 (43) 25.08.2022  
 (72) Roberts, Mark Julian; Palamara, John Eugene; Ott Weist, AnneMarie; Beard, Jeremy D.; Graham, David Ross; Veskovic, Dejan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) AMO Development, LLC  
 (11) AU-A-2022211815  
 (21) 2022211815 (22) 02.08.2022  
 (54) Improved methods for lenticular laser incision  
 (51) Int. Cl.  
**A61F 9/008** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2017280237  
 (72) Malek Tabrizi, Alireza; Fu, Hong; Hill, James E.; Rahaman, Mohammad Saidur; Witowski, Zenon  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Anduril Industries, Inc.  
 (11) AU-A-2022211801  
 (21) 2022211801 (22) 02.08.2022  
 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS  
 (51) Int. Cl.  
**B64C 3/56** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2021212022  
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb  
 (74) Intellepro Patent & Trade Mark Attorneys

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(71) Anduril Industries, Inc.  
 (11) AU-A-2022211802  
 (21) 2022211802 (22) 02.08.2022  
 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS

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(51) Int. Cl.  
**B64C 3/56** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2021212022  
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb  
 (74) Intellepro Patent & Trade Mark Attorneys

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(71) Anduril Industries, Inc.  
 (11) AU-A-2022211803  
 (21) 2022211803 (22) 02.08.2022  
 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS  
 (51) Int. Cl.  
**B64C 3/56** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2021212022  
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb  
 (74) Intellepro Patent & Trade Mark Attorneys

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(71) Anduril Industries, Inc.  
 (11) AU-A-2022211804  
 (21) 2022211804 (22) 02.08.2022  
 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS  
 (51) Int. Cl.  
**B64C 3/56** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2021212022  
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb  
 (74) Intellepro Patent & Trade Mark Attorneys

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(71) Anduril Industries, Inc.  
 (11) AU-A-2022211805  
 (21) 2022211805 (22) 02.08.2022  
 (54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS  
 (51) Int. Cl.  
**B64C 3/56** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2021212022  
 (72) Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb  
 (74) Intellepro Patent & Trade Mark Attorneys

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Applications Open to Public Inspection - Name Index cont'd

(71) Anduril Industries, Inc.  
 (11) AU-A-2022211806  
 (21) 2022211806 (22) 02.08.2022  
 (54) AERIAL VEHICLE WITH DEPLOY-  
 ABLE COMPONENTS  
 (51) Int. Cl.  
**B64C 3/56** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2021212022  
 (72) Alley, Nicholas Robert; Steele, Joshua  
 Lemming; Williams, Jesse Owen;  
 Kuehme, Daniel; Phillips, Jonathan  
 Caleb  
 (74) Intellepro Patent & Trade Mark Attor-  
 neys

(71) Apple Inc.  
 (11) AU-A-2022209277  
 (21) 2022209277 (22) 27.07.2022  
 (54) Activity and workout updates  
 (51) Int. Cl.  
**A63B 24/00** ( 2006.01 )  
**G06F 3/038** ( 2013.01 )  
 (43) 25.08.2022  
 (62) 2021203636  
 (72) WILLIAMS, Aled Hywel; GRAHAM,  
 David Chance; WILSON, Christopher  
 (74) FPA Patent Attorneys Pty Ltd

(71) Aqseptence Group, Inc  
 (11) AU-A-2022211808  
 (21) 2022211808 (22) 02.08.2022  
 (54) Underdrain Assembly  
 (51) Int. Cl.  
**B01D 24/12** ( 2006.01 )  
**B01D 29/00** ( 2006.01 )  
**E03F 1/00** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020204252  
 (72) Ekholm, Michael Richard; Maxson,  
 Richard Charles; Watson, Mark Edgar;  
 Courageot, Fabrice Jean Alphonse  
 (74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty  
 Limited  
 (11) AU-A-2021240152  
 (21) 2021240152 (22) 28.09.2021  
 (54) GAMING DEVICE WITH FUNCTIONAL  
 WIN CELEBRATION ANIMATION  
 (51) Int. Cl.  
**A63F 13/52** ( 2014.01 )  
**A63F 13/25** ( 2014.01 )  
**A63F 13/45** ( 2014.01 )  
**A63F 13/537** ( 2014.01 )  
 (31) 2021900305 (32) 09.02.21 (33) AU  
 (43) 25.08.2022  
 (72) Bennett, Nicholas  
 (74) James & Wells Intellectual Property

(71) Auctane, LLC.  
 (11) AU-A-2022209348  
 (21) 2022209348 (22) 29.07.2022  
 (54) Concatenated shipping documentation  
 processing spawning intelligent genera-  
 tion subprocesses  
 (51) Int. Cl.

**G06Q 10/08** ( 2012.01 )  
**G06F 9/44** ( 2018.01 )  
 (43) 25.08.2022  
 (62) 2020204285  
 (72) WIER, Byron J.  
 (74) FB Rice Pty Ltd

(71) AVECHO BIOTECHNOLOGY LIMITED  
 (11) AU-A-2022209327  
 (21) 2022209327 (22) 28.07.2022  
 (54) A method for improving performance  
 parameters of an animal  
 (51) Int. Cl.  
**A23K 20/174** ( 2016.01 )  
 (43) 25.08.2022  
 (62) 2017372885  
 (72) Libinaki, Roksan  
 (74) FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD

**B2SBio Inc. see Voronoi Inc.**  
 (21) 2022211789

(71) Becton, Dickinson and Company  
 (11) AU-A-2022211826  
 (21) 2022211826 (22) 02.08.2022  
 (54) SAMPLE INDEXING FOR SINGLE  
 CELLS  
 (51) Int. Cl.  
**C12Q 1/6804** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
 (43) 25.08.2022  
 (62) 2018281745  
 (72) Chang, Christina; Fan, Christina; Shum,  
 Eleen; Martin, Jody; Bansal, Nidhanjali;  
 Ghadiali, James; Lazaruk, Katherine;  
 Lam, Gretchen Yinbon  
 (74) Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) BEDGEAR, LLC  
 (11) AU-A-2022209334  
 (21) 2022209334 (22) 29.07.2022  
 (54) MATTRESS ASSEMBLY AND METH-  
 OD  
 (51) Int. Cl.  
**A47C 27/00** ( 2006.01 )  
**A47C 27/04** ( 2006.01 )  
**A47C 27/05** ( 2006.01 )  
**A47C 27/06** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020230275  
 (72) Alletto Jr., Eugene  
 (74) Michael Buck IP

(71) Beijing Microlive Vision Technology Co.,  
 Ltd  
 (11) AU-A-2022209288  
 (21) 2022209288 (22) 27.07.2022  
 (54) PERSONAL INFORMATION SHARING  
 METHOD AND APPARATUS, TERMIN-  
 AL DEVICE, AND STORAGE MEDIUM  
 (51) Int. Cl.  
**H04L 51/066** ( 2022.01 )

(43) 25.08.2022  
 (62) 2018430996  
 (72) SONG, Yu  
 (74) Baxter Patent Attorneys Pty Ltd

(71) Beijing Tusen Zhitu Technology Co.,  
 Ltd.  
 (11) AU-A-2022200630  
 (21) 2022200630 (22) 01.02.2022  
 (54) Vehicle control and task processing  
 method and apparatus, computing  
 device and system  
 (51) Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**G07C 5/08** ( 2006.01 )  
 (31) 202110168861.0 (32) 07.02.21 (33) CN  
 (43) 25.08.2022  
 (72) SUI, Qingyu; HAO, Jianan  
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co.,  
 Ltd.  
 (11) AU-A-2022200661  
 (21) 2022200661 (22) 02.02.2022  
 (54) Control device  
 (51) Int. Cl.  
**H05K 7/20** ( 2006.01 )  
**F28F 3/02** ( 2006.01 )  
 (31) 202120341604.8 (32) 06.02.21 (33) CN  
 (43) 25.08.2022  
 (72) HUANG, Weiwei; ZHANG, Yu; HAO, Ji-  
 anan  
 (74) FB Rice Pty Ltd

(71) Belkin Vision Ltd.  
 (11) AU-A-2022211843  
 (21) 2022211843 (22) 03.08.2022  
 (54) Direct selective laser trabeculoplasty  
 (51) Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2019297135  
 (72) SACKS, Zachary; LEMANN-BLU-  
 MENTAL, Daria; KISOS, Arie; YO-  
 HAI, Yuval; ELYAKAM, Daniel; DOB-  
 KIN-BEKMAN, Masha; ZIMMERMANN,  
 Micha  
 (74) FPA Patent Attorneys Pty Ltd

(71) BioNTech SE; TRON - Translationale  
 Onkologie an der Universitätsmedizin  
 der Johannes Gutenberg-Universität  
 Mainz gemeinnützige GmbH  
 (11) AU-A-2022209286  
 (21) 2022209286 (22) 27.07.2022  
 (54) Methods for predicting the usefulness  
 of proteins or protein fragments for im-  
 munotherapy  
 (51) Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )

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(43) 25.08.2022  
 (62) 2017264546  
 (72) Vormehr, Mathias; Sahin, Ugur; Schrörs, Barbara; Löwer, Martin; Boegel, Sebastian  
 (74) FB Rice Pty Ltd

(71) Birdie Biopharmaceuticals, Inc.  
 (11) AU-A-2022211790  
 (21) 2022211790 (22) 01.08.2022  
 (54) ANTI-PD-L1 COMBINATIONS FOR TREATING TUMOURS  
 (51) Int. Cl.  
*C07K 16/30* ( 2006.01 )  
*A61K 31/4375* ( 2006.01 )  
*A61K 31/4745* ( 2006.01 )  
*A61K 31/708* ( 2006.01 )  
*A61K 45/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

(43) 25.08.2022  
 (62) 2020267157  
 (72) Li, Lixin  
 (74) K&L Gates

(71) BISSELL Inc.  
 (11) AU-A-2022211792  
 (21) 2022211792 (22) 01.08.2022  
 (54) Surface cleaning apparatus  
 (51) Int. Cl.  
*A47L 9/28* ( 2006.01 )

(43) 25.08.2022  
 (62) 2022200908  
 (72) Pruiett, Jason W.  
 (74) Griffith Hack

(71) BROLOCK PTY LTD  
 (11) AU-A-2022200698  
 (21) 2022200698 (22) 03.02.2022  
 (54) A HINGE AND METHOD OF ATTACHMENT  
 (51) Int. Cl.  
*E05D 5/02* ( 2006.01 )  
*E05D 7/086* ( 2006.01 )  
*E05D 11/10* ( 2006.01 )  
*E05F 3/20* ( 2006.01 )

(31) 2021900297 (32) 09.02.21 (33) AU  
 (43) 25.08.2022  
 (72) MURAUER, Michael Josef  
 (74) Adams Pluck

(71) Burton, D.  
 (11) AU-A-2022204688  
 (21) 2022204688 (22) 30.06.2022  
 (54) ANAESTHESIA AND CONSCIOUSNESS DEPTH MONITORING SYSTEM  
 (51) Int. Cl.  
*A61B 5/38* ( 2021.01 )  
*A61B 5/0205* ( 2006.01 )  
*A61B 5/11* ( 2006.01 )  
*A61B 5/389* ( 2021.01 )

(43) 25.08.2022  
 (62) 2021225208  
 (72) Burton, David  
 (74) Kerry Hubick

(71) CareFusion 303, Inc.  
 (11) AU-A-2022209305  
 (21) 2022209305 (22) 28.07.2022  
 (54) Closed male luer device for use with needleless access devices  
 (51) Int. Cl.  
*A61M 39/10* ( 2006.01 )  
*A61M 39/16* ( 2006.01 )

(43) 25.08.2022  
 (62) 2020286192  
 (72) MANSOUR, George M.; PARK, Soon; YE, Jonathan  
 (74) FB Rice Pty Ltd

Carnegie Mellon University see University of Pittsburgh - Of the Commonwealth System of Higher Education  
 (21) 2022209350

(71) CATERPILLAR INC.  
 (11) AU-A-2022200532  
 (21) 2022200532 (22) 27.01.2022  
 (54) SYSTEM AND METHOD FOR DIAGNOSING INTEGRITY OF A CRYOGENIC FUEL TANK  
 (51) Int. Cl.  
*F17C 1/00* ( 2006.01 )  
*F17C 5/02* ( 2006.01 )  
*F17C 7/02* ( 2006.01 )

(31) 17/173,035 (32) 10.02.21 (33) US  
 (43) 25.08.2022  
 (72) Perko, Joshua T.; Engfehr, Matthew J.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Channel Medsystems, Inc.  
 (11) AU-A-2022209352  
 (21) 2022209352 (22) 29.07.2022  
 (54) APPARATUS AND METHODS FOR REGULATING CRYOGENIC TREATMENT  
 (51) Int. Cl.  
*A61B 18/02* ( 2006.01 )

(43) 25.08.2022  
 (62) 2020202031  
 (72) Burnett, Daniel R.; Cote, Ric; Malecki, William W.; Neil, Brian M.; Beaulieu, David; Voiles, Benjamin D.; Lopresti, Vincent  
 (74) Griffith Hack

(71) Civil Infrastructure Group Pty Ltd  
 (11) AU-A-2022200950  
 (21) 2022200950 (22) 11.02.2022  
 (54) Systems and methods for curing concrete  
 (51) Int. Cl.  
*B28B 11/24* ( 2006.01 )  
*B28B 7/42* ( 2006.01 )  
*B28B 17/00* ( 2006.01 )  
*C04B 40/00* ( 2006.01 )

(31) 2021900331 (32) 11.02.21 (33) AU  
 (43) 25.08.2022  
 (72) Robertson, Brian; Beausang, Michael; Mclean, Steven; Burns, John; Rovers, Andrew  
 (74) FB Rice Pty Ltd

(71) Clear Gene, Inc.  
 (11) AU-A-2022209343  
 (21) 2022209343 (22) 29.07.2022  
 (54) Methods, compositions, kits and devices for rapid analysis of biological markers  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 10/02* ( 2006.01 )

(43) 25.08.2022  
 (62) 2016369603  
 (72) Steelman, Brandon  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) COLLINS, J.  
 (11) AU-A-2022200504  
 (21) 2022200504 (22) 27.01.2022  
 (54) IMPROVED REEL  
 (51) Int. Cl.  
*B65H 75/30* ( 2006.01 )  
*B65H 75/14* ( 2006.01 )  
*E04G 21/18* ( 2006.01 )  
*E04H 17/26* ( 2006.01 )

(31) 772859 (32) 11.02.21 (33) NZ  
 (43) 25.08.2022  
 (72) COLLINS, Jonathan  
 (74) P.L. Berry & Associates Ltd

(71) CorMedix Inc.  
 (11) AU-A-2022206768  
 (21) 2022206768 (22) 21.07.2022  
 (54) DELIVERY OF ACTIVE AGENTS USING NANOFIBER WEBS  
 (51) Int. Cl.  
*A61K 9/70* ( 2006.01 )  
*A61K 31/54* ( 2006.01 )  
*A61K 47/30* ( 2006.01 )  
*A61M 35/00* ( 2006.01 )

(43) 25.08.2022  
 (62) 2016315779  
 (72) DiLuccio, Robert; Milby, Randy  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Corn Products Development, Inc.; Ingredient Singapore Pte. Ltd.  
 (11) AU-A-2022209338  
 (21) 2022209338 (22) 29.07.2022  
 (54) Thermally inhibited waxy cassava starch  
 (51) Int. Cl.  
*A23C 9/137* ( 2006.01 )  
*A23D 7/005* ( 2006.01 )  
*A23L 2/52* ( 2006.01 )  
*A23L 9/10* ( 2016.01 )  
*A23L 23/00* ( 2016.01 )  
*A23L 29/212* ( 2016.01 )  
*C08B 30/12* ( 2006.01 )  
*C08B 30/14* ( 2006.01 )

(43) 25.08.2022  
 (62) 2018334515  
 (72) HANCHETT, Douglas; SHAH, Tarak; GARRISON, John; JEGEDE, Oyelayo; CLUNE, Hanna; JERNIGAN, Lynette; KOR, Bee Tin; THNG, Suh Fang  
 (74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

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(71) Crossan, M.  
 (11) AU-A-2021240314  
 (21) 2021240314 (22) 02.06.2022  
 (54) A new tool to be used when constructing wind turbines to keep staff safer and the build quicker  
 (51) Int. Cl.  
*E04H 12/34* ( 2006.01 )  
*F03D 13/10* ( 2016.01 )  
*F03D 13/20* ( 2016.01 )  
*G01B 7/31* ( 2006.01 )  
*G01B 11/27* ( 2006.01 )  
 (31) 2020903565 (32) 02.10.20 (33) AU  
 (43) 25.08.2022  
 (72) Crossan, Matt  
 (74) CELTIC LEGAL PTY LTD

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(71) Deep Brain Innovations LLC  
 (11) AU-A-2022209307  
 (21) 2022209307 (22) 28.07.2022  
 (54) DEEP BRAIN STIMULATOR AND METHOD OF USE  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
*A61N 1/378* ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020250193  
 (72) Strother, Robert; Rubin, Stuart; Sakai, Jonathan  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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(71) Dolby International AB  
 (11) AU-A-2022209299  
 (21) 2022209299 (22) 28.07.2022  
 (54) Advanced stereo coding based on a combination of adaptively selectable left/right or mid/side stereo coding and of parametric stereo coding  
 (51) Int. Cl.  
*G10L 19/00* ( 2013.01 )  
 (43) 25.08.2022  
 (62) 2021290344  
 (72) Purnhagen, Heiko; Carlsson, Pontus; Kjoerling, Kristofer  
 (74) Chrysiliou IP

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(71) EDWARDS, H.  
 (11) AU-A-2022209287  
 (21) 2022209287 (22) 27.07.2022  
 (54) Home brewing device  
 (51) Int. Cl.  
*C12C 13/10* ( 2006.01 )  
*C12C 11/00* ( 2006.01 )  
*C12C 11/11* ( 2019.01 )  
 (43) 25.08.2022  
 (62) 2019289589  
 (72) EDWARDS, Harrison  
 (74) SPICER SPICER PTY LTD

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(71) Electrical Engineering Solutions Pty Ltd  
 (11) AU-A-2022211819  
 (21) 2022211819 (22) 02.08.2022

(54) APPARATUS AND METHOD OF DELIVERING HIGH VOLTAGE POWER USING POE CONNECTIONS  
 (51) Int. Cl.  
*H02B 1/52* ( 2006.01 )  
*H04L 12/10* ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020257040  
 (72) BOEMI, Norman Samuel; DUNPHY, Damien; WARJABEDIAN, Stephen  
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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(71) Enceres Asia PTE LTD  
 (11) AU-A-2022200694  
 (21) 2022200694 (22) 02.02.2022  
 (54) A SYSTEM FOR GENERATING ELECTRICITY  
 (51) Int. Cl.  
*H02S 40/22* ( 2014.01 )  
*G02B 5/20* ( 2006.01 )  
*G02B 5/26* ( 2006.01 )  
*H02S 20/22* ( 2014.01 )  
*H02S 20/30* ( 2014.01 )  
 (31) 2021900317 (32) 10.02.21 (33) AU  
 (43) 25.08.2022  
 (72) ALAMEH, Kamal; PAYTON TAN, Hai Beng; CHUA, Teng Yeow  
 (74) Integrated IP

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(71) Evoqua Water Technologies Limited  
 (11) AU-A-2022209300  
 (21) 2022209300 (22) 28.07.2022  
 (54) Ballast water management system  
 (51) Int. Cl.  
*A01N 59/08* ( 2006.01 )  
*B63B 13/00* ( 2006.01 )  
*C02F 1/467* ( 2006.01 )  
*C02F 1/70* ( 2006.01 )  
*C25B 1/26* ( 2006.01 )  
*C25B 11/065* ( 2021.01 )  
*G05F 1/10* ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2017367706  
 (72) NUPNAU, Lars; ROGERS, Peter G.  
 (74) Spruson & Ferguson

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(71) EV Power WA Pty Ltd  
 (11) AU-A-2022200890  
 (21) 2022200890 (22) 10.02.2022  
 (54) A BATTERY MANAGEMENT SYSTEM  
 (51) Int. Cl.  
*H02J 7/00* ( 2006.01 )  
 (31) 2021900330 (32) 11.02.21 (33) AU  
 (43) 25.08.2022  
 (72) Dilkes, Rodney  
 (74) Integrated IP

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(71) Factor Bioscience Inc.  
 (11) AU-A-2022206783  
 (21) 2022206783 (22) 21.07.2022  
 (54) Nucleic acid products and methods of administration thereof  
 (51) Int. Cl.  
*C12N 15/11* ( 2006.01 )  
*A61K 31/7115* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )

*A61K 38/17* ( 2006.01 )  
*A61K 38/18* ( 2006.01 )  
*A61K 38/20* ( 2006.01 )  
*A61K 38/46* ( 2006.01 )  
*A61M 37/00* ( 2006.01 )  
*C12N 15/87* ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2016218977  
 (72) Angel, Matthew; Rohde, Christopher  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2021221586  
 (21) 2021221586 (22) 25.08.2021  
 (54) Headgear for a respiratory interface  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
 (31) 63/200,012 (32) 09.02.21 (33) US  
 (43) 25.08.2022  
 (72) Hocking, Jake; Walls, Bruce; O'Brien, Katie  
 (74) BOSH IP Pty Ltd

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Guangzhou Pluslife Biotech Co., Ltd. see  
 Guangzhou Pluslife Technology Co., Ltd.  
 (21) 2021376720

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(71) Guangzhou Pluslife Technology Co., Ltd.; Guangzhou Pluslife Biotech Co., Ltd.  
 (11) AU-A-2021376720  
 (21) 2021376720 (22) 07.09.2021  
 (54) Combination product for DNA detection  
 (51) Int. Cl.  
*C12Q 1/6816* ( 2018.01 )  
*C12N 9/22* ( 2006.01 )  
*C12Q 1/6876* ( 2018.01 )  
 (31) 202110170603.6 (32) 08.02.21 (33) CN  
 (43) 25.08.2022  
 (72) XIAO, Zhuo; FENG, Yaoheng; RUAN, Mingxian; CHEN, Chong  
 (74) Davies Collison Cave Pty Ltd

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(71) GW Research Limited  
 (11) AU-A-2022209295  
 (21) 2022209295 (22) 28.07.2022  
 (54) Use of cannabidiols in the treatment of epilepsy  
 (51) Int. Cl.  
*A61K 31/05* ( 2006.01 )  
*A61K 31/195* ( 2006.01 )  
*A61K 31/20* ( 2006.01 )  
*A61K 31/27* ( 2006.01 )  
*A61K 31/352* ( 2006.01 )  
*A61K 31/4015* ( 2006.01 )  
*A61K 31/4166* ( 2006.01 )  
*A61K 31/423* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
*A61K 31/53* ( 2006.01 )  
*A61K 31/551* ( 2006.01 )  
*A61K 31/5513* ( 2006.01 )  
*A61K 31/5517* ( 2006.01 )  
*A61K 31/7048* ( 2006.01 )  
*A61P 25/10* ( 2006.01 )



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 (72) Guy, Geoffrey; Wright, Stephen; Mead, Alice; Cheetham, Emma; Devinsky, Orrin; Schiller, Dominic  
 (74) FPA Patent Attorneys Pty Ltd

(71) HADWAY PTY LTD  
 (11) AU-A-2021200751  
 (21) 2021200751 (22) 05.02.2021  
 (54) IMPROVED EXERCISE OR TRAINING APPARATUS  
 (51) Int. Cl.  
 A63B 69/20 ( 2006.01 )  
 A63B 69/34 ( 2006.01 )  
 (43) 25.08.2022  
 (72) HADAWAY, Dean  
 (74) Patent Attorney Services

(71) Hamiltonian Holdings Pty Ltd  
 (11) AU-A-2022200712  
 (21) 2022200712 (22) 03.02.2022  
 (54) IMPROVED TACTILE GROUND SURFACE INDICATOR  
 (51) Int. Cl.  
 A61H 3/06 ( 2006.01 )  
 B44F 7/00 ( 2006.01 )  
 E01C 11/24 ( 2006.01 )  
 E01F 9/553 ( 2016.01 )  
 (31) 2021900333 (32) 11.02.21 (33) AU  
 (43) 25.08.2022  
 (72) LIM, Michael  
 (74) Churchill Attorneys

(71) Hollister Incorporated  
 (11) AU-A-2022209269  
 (21) 2022209269 (22) 27.07.2022  
 (54) Medical device package with a twist cap  
 (51) Int. Cl.  
 A61M 25/00 ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2017254706  
 (72) O'BRIEN, Daniel E.; NAUGHTON, Vincent; MCMENAMIN, Martin; HANLEY, Joseph N.; KNAUZ, David A.; CREAVEN, Martin P.; COLLUM, Stephen; LEE, Jeanne E.; DUFFY, Siobhan; RICHARD, Marine Veronique Germaine; CANAVAN, Eugene; MARCH, Daniel A.  
 (74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2022211850  
 (21) 2022211850 (22) 03.08.2022  
 (54) Application function implementation method and electronic device  
 (51) Int. Cl.  
 H04W 72/02 ( 2009.01 )  
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 (72) YANG, Jun; LI, Kai; QIU, Ge; ZHOU, Yaoying  
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(71) Hunt Perovskite Technologies, L.L.C.  
 (11) AU-A-2022209281  
 (21) 2022209281 (22) 27.07.2022  
 (54) BI- AND TRI-LAYER INTERFACIAL LAYERS IN PEROVSKITE MATERIAL DEVICES  
 (51) Int. Cl.  
 H01L 31/0264 ( 2006.01 )  
 H01L 31/0224 ( 2006.01 )  
 H01L 31/0236 ( 2006.01 )  
 H01L 31/04 ( 2014.01 )  
 (43) 25.08.2022  
 (62) 2020267316  
 (72) Irwin, Michael D.; Chute, Jerred A.; Dhas, Vivek V.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) IGT  
 (11) AU-A-2022211846  
 (21) 2022211846 (22) 03.08.2022  
 (54) Gaming System and Method for locating an Electronic Gaming Machine with a Mobile Device  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 G06Q 50/34 ( 2012.01 )  
 (43) 25.08.2022  
 (62) 2017204245  
 (72) Nelson, Dwayne R.; LeMay, Steven G.  
 (74) Clark Intellectual Property Pty Ltd

(71) IKONOMOU, K.  
 (11) AU-A-2022209270  
 (21) 2022209270 (22) 27.07.2022  
 (54) PATCH PANEL ARRANGEMENTS CABLE TERMINATING DEVICES & METHODS  
 (51) Int. Cl.  
 H02G 3/02 ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020289801  
 (72) IKONOMOU, KONSTANTINOS  
 (74) Fraser Old & Sohn

(71) Illumina, Inc.  
 (11) AU-A-2022211822  
 (21) 2022211822 (22) 02.08.2022  
 (54) MAJOR HISTOCOMPATIBILITY COMPLEX SINGLE NUCLEOTIDE POLYMORPHISMS  
 (51) Int. Cl.  
 C12Q 1/68 ( 2018.01 )  
 (43) 25.08.2022  
 (62) 2020204339  
 (72) SAYER, David Charles; HOGAN, Hayley Marianne; MERCOLIA, Karolina  
 (74) Griffith Hack

(71) Implantica Patent Ltd  
 (11) AU-A-2022204716  
 (21) 2022204716 (22) 30.06.2022  
 (54) Hip Joint Instrument and Method  
 (51) Int. Cl.  
 A61B 17/56 ( 2006.01 )  
 A61B 17/16 ( 2006.01 )  
 A61F 2/32 ( 2006.01 )

A61F 2/46 ( 2006.01 )  
 (43) 25.08.2022  
 (62) 2020213410  
 (72) Forsell, Peter  
 (74) WRAYS PTY LTD

Ingredient Singapore Pte. Ltd. see Corn Products Development, Inc.  
 (21) 2022209338

(71) Intact Vascular, Inc.  
 (11) AU-A-2022209316  
 (21) 2022209316 (22) 28.07.2022  
 (54) Delivery device and method of delivery  
 (51) Int. Cl.  
 A61F 2/95 ( 2013.01 )  
 A61F 2/966 ( 2013.01 )

(43) 25.08.2022  
 (62) 2020273313  
 (72) EVANS, Douglas; LONGO, Michael; DOTSEY, Michael  
 (74) FB Rice Pty Ltd

(71) Intellitech Pty Ltd  
 (11) AU-A-2022209284  
 (21) 2022209284 (22) 27.07.2022  
 (54) Electric Motor Having A Diametric Coil  
 (51) Int. Cl.  
 H02K 3/00 ( 2006.01 )  
 H02K 1/27 ( 2022.01 )  
 (43) 25.08.2022  
 (62) 2016424895  
 (72) MOSTOVOY, Alexander; SHLAKHETSKI, Victor  
 (74) WRAYS PTY LTD

(71) Intuit Inc.  
 (11) AU-A-2022211812  
 (21) 2022211812 (22) 02.08.2022  
 (54) Method and system of dynamic model selection for time series forecasting  
 (51) Int. Cl.  
 G06Q 10/06 ( 2012.01 )  
 G06Q 10/04 ( 2012.01 )  
 (43) 25.08.2022  
 (62) 2019426881  
 (72) RAO, Shashank Shashikant; DASGUPTA, Sambarta; DILLARD, Colin  
 (74) Davies Collison Cave Pty Ltd

(71) Ivanti, Inc.  
 (11) AU-A-2022211809  
 (21) 2022211809 (22) 02.08.2022  
 (54) SYSTEMS AND METHODS FOR PRESENTATION OF A TERMINAL APPLICATION SCREEN  
 (51) Int. Cl.

G06F 40/151 ( 2020.01 )  
 G06F 3/048 ( 2013.01 )  
 G06F 9/44 ( 2018.01 )  
 G06F 40/14 ( 2020.01 )  
 G06F 40/143 ( 2020.01 )  
 G06F 40/186 ( 2020.01 )  
 G06Q 10/02 ( 2012.01 )  
 G06Q 30/02 ( 2012.01 )

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 (62) 2017301770  
 (72) Hill, James George; Jonas, Jared Vincent; Banner, Davidson James  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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

(51) Int. Cl.  
*B01D 53/62* ( 2006.01 )  
*B01D 53/04* ( 2006.01 )  
*B01D 53/82* ( 2006.01 )  
*B01J 20/04* ( 2006.01 )

(43) 25.08.2022  
 (72) Jayaram, Narsimhan  
 (74) Narsimhan Jayaram

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI  
 (11) AU-A-2022200632  
 (21) 2022200632 (22) 01.02.2022  
 (54) Apparatus that estimates amount of condensed water

(51) Int. Cl.  
*F02D 41/00* ( 2006.01 )  
*F02D 35/02* ( 2006.01 )  
*F02D 41/14* ( 2006.01 )  
*F02D 41/18* ( 2006.01 )  
*F02M 26/06* ( 2016.01 )  
*F02M 26/47* ( 2016.01 )

(31) 2021-017230 (32) 05.02.21 (33) JP  
 (43) 25.08.2022  
 (72) MURAMATSU, Konosuke  
 (74) Griffith Hack

(71) Karsten Manufacturing Corporation  
 (11) AU-A-2022209318  
 (21) 2022209318 (22) 28.07.2022  
 (54) Sub-assembly for a golf bag and a golf bag system for recipient self-assembly

(51) Int. Cl.  
*A63B 55/10* ( 2006.01 )  
*A63B 55/50* ( 2015.01 )  
*A63B 55/53* ( 2015.01 )  
*A63B 55/57* ( 2015.01 )

(43) 25.08.2022  
 (62) 2021202793  
 (72) Martell, James; Loudenslager, John; McGuire, Brian; Bruce, Ryan; Higdon, David  
 (74) Davies Collison Cave Pty Ltd

(71) Katholieke Universiteit Leuven; ABT Holding Company  
 (11) AU-A-2022211794  
 (21) 2022211794 (22) 01.08.2022  
 (54) Stem Cells for Wound Healing  
 (51) Int. Cl.  
*C12N 5/07* ( 2010.01 )

(43) 25.08.2022  
 (62) 2016387339  
 (72) Lutton, Aernout; Deans, Robert J.  
 (74) ACROGON GROUP PTY LTD

Kim, Y. see Wang, Y.  
 (21) 2022209274

Kite Pharma, Inc. see The United States of America, as represented by the Secretary, Department of Health and Human Service  
 (21) 2022209271

(71) KOKIDO DEVELOPMENT LIMITED  
 (11) AU-A-2022200823  
 (21) 2022200823 (22) 08.02.2022  
 (54) CARTRIDGE FILTRATION SYSTEM CONTAINED IN A FLEXIBLE BAG AND VACUUM CLEANER EQUIPPED WITH SUCH A SYSTEM

(51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
*A47L 7/00* ( 2006.01 )  
*A47L 9/14* ( 2006.01 )  
*B01D 29/21* ( 2006.01 )  
*B01D 29/27* ( 2006.01 )

(31) 21156656.7 (32) 11.02.21 (33) EP  
 (43) 25.08.2022  
 (72) BRUNEEL, Jean; ROUMAGNAC, Max  
 (74) Griffith Hack

(71) LG Electronics Inc.  
 (11) AU-A-2022209312  
 (21) 2022209312 (22) 28.07.2022  
 (54) Image decoding method and device in accordance with block split structure in image coding system

(51) Int. Cl.  
*H04N 19/119* ( 2014.01 )  
*H04N 19/122* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )

(43) 25.08.2022  
 (62) 2021203017  
 (72) Nam, Junghak; Kim, Seunghwan; Jang, Hyeongmoon; Lim, Jaehyun  
 (74) Davies Collison Cave Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-A-2022211832  
 (21) 2022211832 (22) 03.08.2022  
 (54) Cleaner nozzle  
 (51) Int. Cl.

*A47L 11/20* ( 2006.01 )  
*A47L 9/04* ( 2006.01 )  
*A47L 9/06* ( 2006.01 )  
*A47L 11/202* ( 2006.01 )  
*A47L 11/40* ( 2006.01 )

(43) 25.08.2022  
 (62) 2019263346  
 (72) YANG, Ingyu; KWON, Hyeri; KIM, Sungjun; KIM, Jinho; RYOU, Kyoungho; RYU, Jungwan; SHIN, Jinhyouk; KIM, Youngsoo  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022200359  
 (21) 2022200359 (22) 20.01.2022  
 (54) LIGHTING MODULE AND REFRIGERATOR HAVING DISPENSER

(51) Int. Cl.  
*F25D 27/00* ( 2006.01 )  
*F25D 29/00* ( 2006.01 )

(31) 10-2021-0019135 (32) 10.02.21 (33) KR  
 (43) 25.08.2022  
 (72) LEE, Sunghun; KIM, Hoon; KIM, Minki; PARK, Jihoon  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.  
 (11) AU-A-2022209319  
 (21) 2022209319 (22) 28.07.2022  
 (54) CLOTHES TREATMENT APPARATUS  
 (51) Int. Cl.  
*D06F 58/22* ( 2006.01 )  
*D06F 58/10* ( 2006.01 )

(43) 25.08.2022  
 (62) 2018380774  
 (72) KANG, Hyungha; KIM, Jaehyung; JANG, Semin; JUNG, Joosik  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Lucira Health, Inc.  
 (11) AU-A-2022206759  
 (21) 2022206759 (22) 20.07.2022  
 (54) DEVICES AND METHODS FOR BIOLOGICAL ASSAY SAMPLE PREPARATION AND DELIVERY

(51) Int. Cl.  
*G01N 1/28* ( 2006.01 )  
*B01L 3/00* ( 2006.01 )  
*G01N 1/38* ( 2006.01 )

(43) 25.08.2022  
 (62) 2017232342  
 (72) Myers III, Frank B.; Ho, Wei Hsuan; Waldeisen, John Robert; Dimov, Ivan Krastev; Griswold, Ryan C.; Richardson, Bruce; Mitra, Debkishore  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Lucira Health, Inc.  
 (11) AU-A-2022209255  
 (21) 2022209255 (22) 27.07.2022  
 (54) SYSTEMS AND METHODS FOR PERFORMING BIOLOGICAL ASSAYS  
 (51) Int. Cl.

*B01L 3/00* ( 2006.01 )  
*B01L 7/00* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*G01N 27/447* ( 2006.01 )

(43) 25.08.2022  
 (62) 2017232340  
 (72) Mitra, Debkishore; Myers III, Frank B.; Waldeisen, John Robert; Dimov, Ivan Krastev  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2022211853  
(21) 2022211853 (22) 03.08.2022  
(54) Systems and methods for de-oxygenation of a closed container  
(51) Int. Cl.  
*B65D 81/26* ( 2006.01 )  
*B65D 39/00* ( 2006.01 )  
*B65D 51/24* ( 2006.01 )  
(43) 25.08.2022  
(62) 2020273380  
(72) LUTZ, Thomas R.; LUTZ, Michelle  
(74) Griffith Hack
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- (71) Magic Leap, Inc.  
(11) AU-A-2022209261  
(21) 2022209261 (22) 27.07.2022  
(54) Augmented reality identity verification  
(51) Int. Cl.  
*G06Q 10/00* ( 2012.01 )  
*G06Q 50/00* ( 2012.01 )  
*G09G 5/00* ( 2006.01 )  
(43) 25.08.2022  
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(72) Kaehler, Adrian  
(74) Davies Collison Cave Pty Ltd
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- (71) Magic Leap, Inc.  
(11) AU-A-2022211851  
(21) 2022211851 (22) 03.08.2022  
(54) Distributed light manipulation over imaging waveguide  
(51) Int. Cl.  
*G02B 6/00* ( 2006.01 )  
*G02B 27/00* ( 2006.01 )  
*G02B 27/01* ( 2006.01 )  
*G02B 27/42* ( 2006.01 )  
(43) 25.08.2022  
(62) 2017264780  
(72) Yeoh, Ivan L.; Edwin, Lionel E.; Macnamara, John Graham  
(74) Davies Collison Cave Pty Ltd
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- (71) Mallinckrodt Pharmaceuticals Ireland Limited  
(11) AU-A-2022211800  
(21) 2022211800 (22) 02.08.2022  
(54) SYSTEMS AND METHODS FOR INTELLIGENT GAS SOURCE MANAGEMENT AND/OR SYSTEMS AND METHODS FOR DELIVERY OF THERAPEUTIC GAS AND/OR ENHANCED PERFORMANCE VERIFICATION FOR THERAPEUTIC GAS DELIVERY  
(51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
*A61M 16/12* ( 2006.01 )  
*A61M 16/20* ( 2006.01 )  
*B63C 11/02* ( 2006.01 )  
*G01F 22/02* ( 2006.01 )  
(43) 25.08.2022  
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Medical Enterprises Distribution, LLC  
(11) AU-A-2022211787  
(21) 2022211787 (22) 01.08.2022  
(54) Battery enclosure for sterilizable surgical tools having thermal insulation  
(51) Int. Cl.  
*A61B 17/16* ( 2006.01 )  
*H01M 2/10* ( 2006.01 )  
*H01M 10/48* ( 2006.01 )  
*H01M 10/613* ( 2014.01 )  
*H01M 10/651* ( 2014.01 )  
*H01M 10/658* ( 2014.01 )  
(43) 25.08.2022  
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(72) Pedicini, Christopher  
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021200752  
(21) 2021200752 (22) 05.02.2021  
(54) WATER CRAFT PADDLE  
(51) Int. Cl.  
*B63H 16/04* ( 2006.01 )  
(43) 25.08.2022  
(72) Meilleur, Richard  
(74) Halfords IP
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- (71) Meridian Medical Technologies, Inc.  
(11) AU-A-2022209282  
(21) 2022209282 (22) 27.07.2022  
(54) Cartridge for auto-injector apparatus  
(51) Int. Cl.  
*A61M 5/20* ( 2006.01 )  
(43) 25.08.2022  
(62) 2021204106  
(72) WILMOT, John G.; MESA, Clarence M.; HILL, Robert L.; STEWART Jr., James R.; MATHEWS, Colin J.; HURLSTONE, Chris J.; TURNER, Ben G.; DUNNING, Christian  
(74) Spruson & Ferguson
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- (71) Meridian Medical Technologies, Inc.  
(11) AU-A-2022211791  
(21) 2022211791 (22) 01.08.2022  
(54) AUTOMATIC INJECTOR  
(51) Int. Cl.  
*A61M 5/00* ( 2006.01 )  
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(43) 25.08.2022  
(62) 2021200760  
(72) Hurlstone, Christopher John; Mathews, Colin James; Rochford, Craig Malcolm; Wilmot, John Glyndwr; Young, Matthew Egerton; Hill, Robert L.; Raven, Sophie Rebecca  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Metso Outotec Finland Oy  
(11) AU-A-2021221604  
(21) 2021221604 (22) 25.08.2021  
(54) LINER EQUIPMENT  
(51) Int. Cl.  
*B23Q 3/155* ( 2006.01 )  
*B23Q 7/00* ( 2006.01 )  
*B65G 41/00* ( 2006.01 )  
*B65G 41/02* ( 2006.01 )
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- (31) 2150152-3 (32) 11.02.21 (33) SE  
(43) 25.08.2022  
(72) LE CRAS, Jared  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Minn-Dak Farmers Cooperative  
(11) AU-A-2022211844  
(21) 2022211844 (22) 03.08.2022  
(54) Field application of sugars to increase crop yield  
(51) Int. Cl.  
*A01N 43/16* ( 2006.01 )  
*A01N 25/02* ( 2006.01 )  
*C05F 11/10* ( 2006.01 )  
(43) 25.08.2022  
(62) 2020257027  
(72) WICKSTROM, Kurtis H.; METZGER, Michael S.  
(74) Griffith Hack
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- (71) Nanjing Nutrabuilding Bio-Tech Co., Ltd.  
(11) AU-A-2021367386  
(21) 2021367386 (22) 14.04.2021  
(54) Beta-hydroxybutyrate salt granule and methods for producing the same  
(51) Int. Cl.  
*A61K 31/19* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )  
(31) PCT/ (32) 09.02.21 (33) CN  
CN2021/076213  
(43) 25.08.2022  
(72) JIANG, Long; SUN, Xuyang; FAN, Qiru; YI, Huarong; LIAO, Kylin  
(74) LAMINAR IP PTY LTD
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- (71) Nextivity, Inc.  
(11) AU-A-2022211860  
(21) 2022211860 (22) 04.08.2022  
(54) DETERMINING THE OPTIMUM COVERAGE POSITION IN A BUILDING FOR EXTERNALLY PROVIDED RF SIGNALS  
(51) Int. Cl.  
*H04W 16/20* ( 2009.01 )  
*H04W 24/02* ( 2009.01 )  
(43) 25.08.2022  
(62) 2020264308  
(72) Lotter, Michiel Petrus  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Nokia Solutions and Networks Oy  
(11) AU-A-2022209278  
(21) 2022209278 (22) 27.07.2022  
(54) Method and apparatus for offloading traffic from cellular to WLAN using assistance information  
(51) Int. Cl.  
*H04W 36/22* ( 2009.01 )  
*H04W 28/02* ( 2009.01 )  
*H04W 36/00* ( 2009.01 )  
*H04W 36/14* ( 2009.01 )

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 (62) 2020233688  
 (72) WOLFNER, Gyorgy Tamas; TERVON-EN, Janne Petteri; SCHWARZBAUER, Hanns Juergen; REDANA, Simone  
 (74) Spruson & Ferguson

(71) NuCana plc  
 (11) AU-A-2022211797  
 (21) 2022211797 (22) 02.08.2022  
 (54) Formulations of phosphoramidate derivatives of nucleoside drugs

(51) Int. Cl.  
 A61K 31/7076 ( 2006.01 )  
 A61K 9/00 ( 2006.01 )  
 A61K 9/08 ( 2006.01 )  
 A61K 31/7072 ( 2006.01 )  
 A61K 47/20 ( 2006.01 )  
 A61K 47/22 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )

(43) 25.08.2022  
 (62) 2016375866  
 (72) KENNOVIN, Gordon; GRIFFITH, Hugh  
 (74) AJ PARK

(71) Peak Well Systems Limited; Peak Well Systems Pty Ltd

(11) AU-A-2022209205  
 (21) 2022209205 (22) 25.07.2022  
 (54) Expanding and collapsing apparatus and methods of use

(51) Int. Cl.  
 E21B 33/06 ( 2006.01 )  
 E21B 33/12 ( 2006.01 )  
 E21B 33/128 ( 2006.01 )

(43) 25.08.2022  
 (62) 2016376006  
 (72) Brown, Gareth Edward George  
 (74) Griffith Hack

(71) Peak Well Systems Limited; Peak Well Systems Pty Ltd

(11) AU-A-2022209206  
 (21) 2022209206 (22) 25.07.2022  
 (54) Expanding and collapsing apparatus and methods of use

(51) Int. Cl.  
 E21B 33/12 ( 2006.01 )  
 E21B 33/128 ( 2006.01 )

(43) 25.08.2022  
 (62) 2016376004  
 (72) Brown, Gareth Edward George  
 (74) Griffith Hack

Peak Well Systems Pty Ltd see Peak Well Systems Limited  
 (21) 2022209205

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 (21) 2022209206

(71) Pentair Water Pool and Spa, Inc.  
 (11) AU-A-2022200886  
 (21) 2022200886 (22) 10.02.2022

(54) Pool filtration system and method  
 (51) Int. Cl.  
 B01D 36/02 ( 2006.01 )  
 B01D 63/02 ( 2006.01 )  
 E04H 4/12 ( 2006.01 )

(31) 63/200,025 (32) 10.02.21 (33) US  
 (43) 25.08.2022  
 (72) SAFON, Thomas Johnson Ray; PINNELL, Eric; McEwan, Sean  
 (74) Spruson & Ferguson

(71) Pfizer Inc.  
 (11) AU-A-2022211854  
 (21) 2022211854 (22) 03.08.2022

(54) Aqueous formulation comprising 1-(4-((4-(dimethylamino)piperidin-1-yl)carbonyl)phenyl)-3-(4-(4,6-dimorpholin-4-yl-1,3,5-triazin-2-yl)phenyl)urea

(51) Int. Cl.  
 A61K 9/08 ( 2006.01 )  
 A61K 9/19 ( 2006.01 )  
 A61K 31/5377 ( 2006.01 )  
 A61K 47/12 ( 2006.01 )  
 A61K 47/40 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )

(43) 25.08.2022  
 (62) 2019283550  
 (72) HUSSEY, James Joseph; BRIGHT, Andrew Gilbert  
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Plush Dust Pty Ltd  
 (11) AU-A-2022200705  
 (21) 2022200705 (22) 03.02.2022

(54) Securing Device  
 (51) Int. Cl.  
 E04H 17/10 ( 2006.01 )

(31) 2021900338 (32) 11.02.21 (33) AU  
 (43) 25.08.2022  
 (72) Dunne, Matthew John  
 (74) Michael Buck IP

(71) Prysmian S.p.A.  
 (11) AU-A-2022200681  
 (21) 2022200681 (22) 02.02.2022

(54) Fiber ribbon separation tool  
 (51) Int. Cl.  
 G02B 6/44 ( 2006.01 )

(31) 17/173,906 (32) 11.02.21 (33) US  
 (43) 25.08.2022  
 (72) Curtis, Jesse  
 (74) Davies Collison Cave Pty Ltd

(71) PTC Therapeutics, Inc.  
 (11) AU-A-2022209304  
 (21) 2022209304 (22) 28.07.2022

(54) Heteroaryl compounds for treating Huntington's disease  
 (51) Int. Cl.

C07D 417/14 ( 2006.01 )  
 A61K 31/4439 ( 2006.01 )  
 A61K 31/454 ( 2006.01 )  
 A61K 31/46 ( 2006.01 )  
 A61K 31/496 ( 2006.01 )  
 A61K 31/5025 ( 2006.01 )

A61K 31/519 ( 2006.01 )  
 A61K 31/55 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )  
 A61P 25/14 ( 2006.01 )  
 A61P 25/28 ( 2006.01 )  
 C07D 471/04 ( 2006.01 )  
 C07D 487/04 ( 2006.01 )  
 C07D 513/04 ( 2006.01 )  
 C07D 519/00 ( 2006.01 )

(43) 25.08.2022  
 (62) 2019294482  
 (72) ZHANG, Nanjing; BABU, Suresh; BARRAZA, Scott J.; BHATTACHARYYA, Anuradha; CHEN, Guangming; KARP, Gary Mitchell; KASSICK, Andrew J.; MAZZOTTI, Anthony R.; MOON, Young-Choon; NARASIMHAN, Jana; SYDORENKO, Nadiya; TURPOFF, Anthony; WOLL, Matthew G.; YAN, Wuming

(74) James & Wells Intellectual Property

(71) Qualcomm Incorporated  
 (11) AU-A-2022209275  
 (21) 2022209275 (22) 27.07.2022

(54) RANGING BASED LOCATION SERVICES IN WIRELESS COMMUNICATION

(51) Int. Cl.  
 H04W 72/04 ( 2009.01 )  
 H04W 4/40 ( 2018.01 )  
 H04W 64/00 ( 2009.01 )

(43) 25.08.2022  
 (62) 2019229232  
 (72) Cheng, Hong; Baghel, Sudhir Kumar; Vanderveen, Michaela; Wu, Zhibin  
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated  
 (11) AU-A-2022211807  
 (21) 2022211807 (22) 02.08.2022

(54) PROCESSING A DATA PACKET RECEIVED OVER CONTROL PLANE IN CONGESTION SCENARIO

(51) Int. Cl.  
 H04W 28/02 ( 2009.01 )

(43) 25.08.2022  
 (62) 2017334468  
 (72) Griot, Miguel; Zisimopoulos, Haris  
 (74) Madderns Pty Ltd

(71) R.M Creighton Dental Pty Ltd  
 (11) AU-A-2022215313  
 (21) 2022215313 (22) 12.08.2022

(54) A METHOD OF USING A SILVER SALT PRECURSOR DENTAL SOLUTION, FOR SYNTHESISING SILVER NANO PARTICLES (AgNPs) ON ANY TOOTH SURFACE IN SITU FOR HUMAN AND VETERINARY ATRAUMATIC, NON-INVASIVE DENTAL TREATMENT.  
 (51) Int. Cl.

A61K 8/19 ( 2006.01 )  
 A61K 6/25 ( 2020.01 )  
 A61K 6/70 ( 2020.01 )  
 A61K 8/21 ( 2006.01 )  
 A61Q 11/00 ( 2006.01 )

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(72) Craig, Graham  
(74) Alder IP Pty Ltd
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- (71) Reflex Instruments Asia Pacific Pty Ltd  
(11) AU-A-2022209230  
(21) 2022209230 (22) 26.07.2022  
(54) METHOD AND SYSTEM FOR EN-  
ABLING AT SURFACE CORE ORIENT-  
ATION DATA TRANSFER  
(51) Int. Cl.  
*E21B 25/16* ( 2006.01 )  
*E21B 47/02* ( 2006.01 )  
*E21B 47/09* ( 2012.01 )  
*E21B 47/26* ( 2012.01 )  
*E21B 49/02* ( 2006.01 )  
(43) 25.08.2022  
(62) 2017214766  
(72) McLeod, Gavin; Brown, Kelvin  
(74) IMDEX LTD
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- (71) Regeneron Pharmaceuticals, Inc.  
(11) AU-A-2022211862  
(21) 2022211862 (22) 04.08.2022  
(54) SERUM-FREE CELL CULTURE MEDI-  
UM  
(51) Int. Cl.  
*C12N 5/00* ( 2006.01 )  
(43) 25.08.2022  
(62) 2021205088  
(72) Oshodi, Shadia; Johnson, Amy;  
Lawrence, Shawn  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Reid, G.  
(11) AU-A-2022200715  
(21) 2022200715 (22) 03.02.2022  
(54) CHILDREN'S EXERCISE AND ACTIV-  
ITY APPARATUS  
(51) Int. Cl.  
*A47D 13/10* ( 2006.01 )  
(31) 2021900269 (32) 05.02.21 (33) AU  
(43) 25.08.2022  
(72) Reid, Graham  
(74) Michael Buck IP
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- (71) Respiratory Motion, Inc.  
(11) AU-A-2022211837  
(21) 2022211837 (22) 03.08.2022  
(54) ADVANCED RESPIRATORY MONIT-  
OR AND SYSTEM  
(51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61B 5/0205* ( 2006.01 )  
*A61B 5/08* ( 2006.01 )  
(43) 25.08.2022  
(62) 2017306133  
(72) FREEMAN, Jenny E.; BRAYANOV,  
Jordan; BOCK, Malcolm G.; PANASY-  
UK, Alexander  
(74) IP GATEWAY PATENT & TRADE  
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- (71) Rockwell Collins, Inc.  
(11) AU-A-2022201066  
(21) 2022201066 (22) 17.02.2022
- (54) Communication in a denied environ-  
ment  
(51) Int. Cl.  
*H04W 72/00* ( 2009.01 )  
*H04W 8/00* ( 2009.01 )  
*H04W 36/00* ( 2009.01 )  
(31) 17/171,324 (32) 09.02.21 (33) US  
(43) 25.08.2022  
(72) Thommana, John V.; Paul, Lizy  
(74) Griffith Hack
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- (71) Rockwell Collins, Inc.  
(11) AU-A-2022201069  
(21) 2022201069 (22) 17.02.2022  
(54) Beyond-line-of-sight communication  
(51) Int. Cl.  
*H04W 28/00* ( 2009.01 )  
*H04W 4/00* ( 2018.01 )  
*H04W 24/00* ( 2009.01 )  
*H04W 72/00* ( 2009.01 )  
(31) 17/171,324 (32) 09.02.21 (33) US  
17/233,745 19.04.21 US  
(43) 25.08.2022  
(72) Thommana, John V.; Paul, Lizy  
(74) Griffith Hack
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- (71) Russell, J.  
(11) AU-A-2022209333  
(21) 2022209333 (22) 29.07.2022  
(54) SYSTEM AND METHOD FOR GEN-  
ERATING API DEVELOPMENT CODE  
FOR INTEGRATING PLATFORMS  
(51) Int. Cl.  
*G06F 9/44* ( 2018.01 )  
(43) 25.08.2022  
(62) 2017304282  
(72) Russell, Julie  
(74) Alder IP Pty Ltd
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- (71) Sadleir Laboratories Pty Ltd  
(11) AU-A-2022209197  
(21) 2022209197 (22) 25.07.2022  
(54) Medication delivery system and method  
(51) Int. Cl.  
*A61M 5/19* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
*A61M 5/142* ( 2006.01 )  
*A61M 5/145* ( 2006.01 )  
*A61M 5/31* ( 2006.01 )  
*A61M 5/315* ( 2006.01 )  
(43) 25.08.2022  
(62) 2022204074  
(72) Sadleir, Paul Harold Martin; Sadleir,  
John Willoughby  
(74) FB Rice Pty Ltd
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- (71) Samsung Electronics Co., Ltd.  
(11) AU-A-2022200121  
(21) 2022200121 (22) 11.01.2022  
(54) SYSTEMS AND METHODS FOR  
STORAGE DEVICE RESOURCE MAN-  
AGEMENT  
(51) Int. Cl.  
*G06F 12/02* ( 2006.01 )  
*G06F 3/06* ( 2006.01 )  
*G06F 12/0815* ( 2016.01 )  
(31) 63/146,448 (32) 05.02.21 (33) US
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- 17/230,853 14.04.21 US  
(43) 25.08.2022  
(72) Helmick, Daniel Lee  
(74) Phillips Ormonde Fitzpatrick
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- (71) Schneider Electric Industries SAS  
(11) AU-A-2022200844  
(21) 2022200844 (22) 09.02.2022  
(54) DC CIRCUIT BREAKER  
(51) Int. Cl.  
*H01H 71/10* ( 2006.01 )  
(31) 202110181405.X (32) 09.02.21 (33) CN  
(43) 25.08.2022  
(72) Chen, Yu; Wang, Hongliang  
(74) Madderns Pty Ltd
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- (71) Schneider Electric Industries SAS  
(11) AU-A-2022200845  
(21) 2022200845 (22) 09.02.2022  
(54) QUICK CLOSING STRUCTURE SUIT-  
ABLE FOR DC CIRCUIT BREAKER  
AND DC CIRCUIT BREAKER  
(51) Int. Cl.  
*H01H 71/10* ( 2006.01 )  
*H01H 71/52* ( 2006.01 )  
(31) 202120372475.9 (32) 09.02.21 (33) CN  
(43) 25.08.2022  
(72) Chen, Yu; Wang, Hongliang  
(74) Madderns Pty Ltd
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- (71) Selecta Biosciences, Inc.  
(11) AU-A-2022211839  
(21) 2022211839 (22) 03.08.2022  
(54) TOLEROGENIC SYNTHETIC NANO-  
CARRIERS  
(51) Int. Cl.  
*A61K 31/445* ( 2006.01 )  
*A61K 9/14* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )  
*A61K 39/38* ( 2006.01 )  
*A61K 47/30* ( 2006.01 )  
(43) 25.08.2022  
(62) 2020200446  
(72) Lipford, Grayson B.; Fraser, Christoph-  
er; Roy, Christopher J.; Maldonado,  
Roberto A.  
(74) Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd
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- (71) Semcom Visual Communication Pty Ltd  
(11) AU-A-2022200675  
(21) 2022200675 (22) 02.02.2022  
(54) STACKABLE RETAIL DISPLAY UNIT  
(51) Int. Cl.  
*A47B 87/02* ( 2006.01 )  
*A47F 5/10* ( 2006.01 )  
*A47F 5/11* ( 2006.01 )  
(31) 2021900303 (32) 09.02.21 (33) AU  
(43) 25.08.2022  
(72) Sgambellone, Joseph  
(74) Franke Hyland Pty Ltd
- 
- (71) Shopify Inc.  
(11) AU-A-2021286354  
(21) 2021286354 (22) 16.12.2021

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- (54) SYSTEMS AND METHODS FOR GENERATING ACCOUNT PERMISSIONS BASED ON APPLICATION PROGRAMMING INTERFACE INTERACTIONS  
(51) Int. Cl.  
*G06F 21/62* ( 2013.01 )  
*G06Q 30/06* ( 2012.01 )  
(31) 21207302.7 (32) 09.11.21 (33) EP 17/168,675 05.02.21 US  
(43) 25.08.2022  
(72) Kulai, Sandesh Kini; Swan, Brian  
(74) Murray Trento & Associates Pty Ltd
- 
- (71) smith, t.  
(11) AU-A-2021200739  
(21) 2021200739 (22) 05.02.2021  
(54) My website that I Tamara Claudia Smith have created is called Campz or something similar. I am Patenting the concept of the website is for people to be able to search up paid campsite options that are available to camp for particular dates. Property owners have their website set up to online booking system and use my website as a pathway/advertising option to get traffic to their website and allow people to know what is available. The concept is similar to cheapflights.com.au  
(51) Int. Cl.  
*G06Q 10/02* ( 2012.01 )  
*G06Q 30/02* ( 2012.01 )  
(43) 25.08.2022  
(72) Smith, Tamara Claudia  
(74) tamara Claudia smith
- 
- (71) Société des Produits Nestlé S.A.  
(11) AU-A-2022209311  
(21) 2022209311 (22) 28.07.2022  
(54) Compositions comprising sialylated oligosaccharides for use in infants or young children to prevent later in life obesity or related comorbidities and promote a healthy growth  
(51) Int. Cl.  
*A61K 31/702* ( 2006.01 )  
*A23L 33/00* ( 2016.01 )  
(43) 25.08.2022  
(62) 2017213083  
(72) RAMOS NIEVES, Jose Manuel; BINIA, Aristeia; SPRENGER, Norbert; DAMAK, Sami; DE SENARCLENS-BEZENCON, Carole  
(74) Spruson & Ferguson
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- (71) SOLIDpower (Australia) Pty Ltd  
(11) AU-A-2021218224  
(21) 2021218224 (22) 20.08.2021  
(54) Glass composition for fuel cell stack sealing  
(51) Int. Cl.  
*C03C 10/00* ( 2006.01 )  
*C03B 19/06* ( 2006.01 )  
*H01M 8/0282* ( 2016.01 )  
*H01M 8/0286* ( 2016.01 )  
*H01M 8/12* ( 2016.01 )  
(31) 2021900273 (32) 05.02.21 (33) AU
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- (43) 25.08.2022  
(72) Amarasinghe, Sudath Dharma Kumara; Rodrigo, Pulahinge Don Dayananda; Navak, Babak  
(74) FPA Patent Attorneys Pty Ltd
- 
- Solymosi, G. see Wang, Y.  
(21) 2022209274
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- (71) Southern Seawall Solutions Pty Limited  
(11) AU-A-2022211831  
(21) 2022211831 (22) 02.08.2022  
(54) IMPROVED CAISSON SYSTEM AND METHOD FOR CONSTRUCTING SHORING WALLS  
(51) Int. Cl.  
*E02D 23/08* ( 2006.01 )  
*E21B 7/00* ( 2006.01 )  
*E21B 7/20* ( 2006.01 )  
*E21B 10/00* ( 2006.01 )  
*E21B 10/32* ( 2006.01 )  
(43) 25.08.2022  
(62) 2020233615  
(72) MOLLOY, Anthony John  
(74) Halfords IP
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- (71) Spry, P.  
(11) AU-A-2022209331  
(21) 2022209331 (22) 29.07.2022  
(54) Trenching Panels, Panel Assembly, System and Method  
(51) Int. Cl.  
*E02D 17/08* ( 2006.01 )  
(43) 25.08.2022  
(62) 2020256393  
(72) Spry, Peter  
(74) Caska Intellectual Property Pty Ltd
- 
- (71) SUNOVION PHARMACEUTICALS INC.  
(11) AU-A-2022209266  
(21) 2022209266 (22) 27.07.2022  
(54) Methods of treating schizophrenia  
(51) Int. Cl.  
*C07D 277/60* ( 2006.01 )  
*A61K 31/381* ( 2006.01 )  
*A61K 31/435* ( 2006.01 )  
*A61K 31/55* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 25/18* ( 2006.01 )  
*C07D 333/76* ( 2006.01 )  
*C07D 333/78* ( 2006.01 )  
*C07D 495/04* ( 2006.01 )  
*C07D 495/20* ( 2006.01 )  
(43) 25.08.2022  
(62) 2018220509  
(72) HOPKINS, Seth; KOBLAN, Kenneth; LOEBEL, Antony; OGIRALA, Ajay  
(74) Griffith Hack
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- (71) Techtronic Cordless GP  
(11) AU-A-2022200620  
(21) 2022200620 (22) 31.01.2022  
(54) Blower  
(51) Int. Cl.  
*F04D 29/58* ( 2006.01 )
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- A01G 20/47* ( 2018.01 )  
*F04D 19/00* ( 2006.01 )  
*F04D 25/06* ( 2006.01 )  
*F04D 25/08* ( 2006.01 )  
*F04D 29/54* ( 2006.01 )  
(31) 202110162588.0 (32) 05.02.21 (33) CN  
(43) 25.08.2022  
(72) LEE, Hei Man  
(74) Spruson & Ferguson
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- (71) The Board of Trustees of the Leland Stanford Junior University  
(11) AU-A-2022211785  
(21) 2022211785 (22) 01.08.2022  
(54) Biomarkers for use in prognosis of mortality in critically ill patients  
(51) Int. Cl.  
*C40B 40/06* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*C40B 40/08* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )  
(43) 25.08.2022  
(62) 2017289600  
(72) Khatri, Purvesh; Sweeney, Timothy E.  
(74) FPA Patent Attorneys Pty Ltd
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- (71) THE CHINESE UNIVERSITY OF HONG KONG  
(11) AU-A-2022209294  
(21) 2022209294 (22) 28.07.2022  
(54) Mutational analysis of plasma DNA for cancer detection  
(51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
(43) 25.08.2022  
(62) 2020200122  
(72) CHIU, Wai Kwun Rossa; LO, Yuk-Ming Dennis; CHAN, Kwan Chee; JIANG, Peiyong  
(74) Griffith Hack
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- (71) The Gillette Company LLC  
(11) AU-A-2022209273  
(21) 2022209273 (22) 27.07.2022  
(54) SHAVING RAZOR SYSTEM INCLUDING SKIN INTERCONNECT MEMBER  
(51) Int. Cl.  
*B26B 21/22* ( 2006.01 )  
*B26B 21/52* ( 2006.01 )  
(43) 25.08.2022  
(62) 2019243854  
(72) Patel, Ashok Bakul  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) The Jackson Laboratory  
(11) AU-A-2022209298  
(21) 2022209298 (22) 28.07.2022  
(54) Nicotinamide for use in the treatment and prevention of ocular neurodegenerative disorder (e.g. glaucoma)  
(51) Int. Cl.  
*A61K 31/19* ( 2006.01 )  
*A61K 31/455* ( 2006.01 )  
*A61K 31/465* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*A61P 27/02* ( 2006.01 )

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**A61P 27/06** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )

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(62) 2016341314  
(72) JOHN, Simon W. M.; WILLIAMS, Peter Alexander  
(74) Spruson & Ferguson

(71) The Toro Company  
(11) AU-A-2022204571  
(21) 2022204571 (22) 28.06.2022  
(54) NONHOLONOMIC ROBOT FIELD COVERAGE METHOD

(51) Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**B25J 5/00** ( 2006.01 )  
**B25J 9/18** ( 2006.01 )

- (43) 25.08.2022  
(62) 2020356797  
(72) BARBOI, Mickey; GILBERT, Nevin; HOURANI, Eesam; OLKIN, Terry Michael  
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) The United States of America, as represented by the Secretary, Department of Health and Human Service; Kite Pharma, Inc.

(11) AU-A-2022209271  
(21) 2022209271 (22) 27.07.2022  
(54) METHODS OF PREPARING T CELLS FOR T CELL THERAPY

(51) Int. Cl.  
**A61K 31/436** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )  
**C12N 5/0783** ( 2010.01 )

- (43) 25.08.2022  
(62) 2016341966  
(72) PEREZ, Arianne; SABATINO, Marianna; ROSENBERG, Steven A.; RESTIFO, Nicholas P.  
(74) AJ PARK

(71) The University of Akron  
(11) AU-A-2022209344  
(21) 2022209344 (22) 29.07.2022  
(54) SMART SENSOR NETWORK FOR POWER GRID HEALTH MONITORING

(51) Int. Cl.  
**G01R 31/08** ( 2020.01 )

- (43) 25.08.2022  
(62) 2020203549  
(72) PASDAR, Amir Mehdi; SOZER, Yilmaz; DE ABREU-GARCIA, Jose Alexis  
(74) James & Wells Intellectual Property

(71) Think Surgical, Inc.  
(11) AU-A-2022211858  
(21) 2022211858 (22) 04.08.2022  
(54) Automated arthroplasty planning

(51) Int. Cl.  
**A61B 34/10** ( 2016.01 )

- (43) 25.08.2022  
(62) 2017227791  
(72) Bonny, Daniel P.; Jain, Saurabh  
(74) Davies Collison Cave Pty Ltd

(71) TMT PTY LTD  
(11) AU-A-2021200823  
(21) 2021200823 (22) 10.02.2021  
(54) Traffic light controller

(51) Int. Cl.  
**G08G 1/087** ( 2006.01 )  
(43) 25.08.2022  
(72) Nedanovski, Gjorgji  
(74) TMT PTY LTD

(71) Tongwei Solar (Jintang) Co., Ltd.  
(11) AU-A-2021404856  
(21) 2021404856 (22) 21.12.2021  
(54) High-efficiency silicon heterojunction solar cell and manufacturing method thereof

(51) Int. Cl.  
**H01L 31/02** ( 2006.01 )  
(31) 202110175285.2 (32) 09.02.21 (33) CN  
(43) 25.08.2022  
(72) WANG, Jinle  
(74) Davies Collison Cave Pty Ltd

**TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH see BioNTech SE**  
(21) 2022209286

(71) TYCO ELECTRONICS RAYCHEM GmbH

(11) AU-A-2022200785  
(21) 2022200785 (22) 07.02.2022  
(54) Method of installing a heat shrink cover, electrical heating system, and installation system

(51) Int. Cl.  
**H05B 3/10** ( 2006.01 )  
**H05B 3/54** ( 2006.01 )

- (31) 21155890.3 (32) 09.02.21 (33) EP  
(43) 25.08.2022  
(72) SIMONSOHN, Thilo; HEINDL, Christian  
(74) Griffith Hack

(71) UNIVERSITEIT GENT; VRIJE UNIVERSITEIT BRUSSEL

(11) AU-A-2022211848  
(21) 2022211848 (22) 03.08.2022  
(54) BIFUNCTIONAL MODIFIED BIOPOLYMER BASED POLYMERS AND HYDROGELS OBTAINABLE FROM SUCH BIFUNCTIONAL MODIFIED BIOPOLYMER BASED POLYMERS

(51) Int. Cl.  
**C08L 89/06** ( 2006.01 )  
**A61L 27/22** ( 2006.01 )  
**A61L 27/24** ( 2006.01 )  
**A61L 27/52** ( 2006.01 )  
**C08H 1/06** ( 2006.01 )  
**C08J 3/075** ( 2006.01 )

- (43) 25.08.2022  
(62) 2019276160  
(72) VAN HOORICK, Jasper; VAN VLIJER-BERGHE, Sandra  
(74) Collison & Co

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University

(11) AU-A-2022209350  
(21) 2022209350 (22) 29.07.2022  
(54) MICRONEEDLE ARRAYS FOR CANCER THERAPY APPLICATIONS

(51) Int. Cl.  
**A61M 37/00** ( 2006.01 )

- (43) 25.08.2022  
(62) 2020294197  
(72) Falo Jr., Louis D.; Erdos, Geza; Ozdoganlar, O. Burak  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Valvoline Licensing and Intellectual Property LLC

(11) AU-A-2022209330  
(21) 2022209330 (22) 29.07.2022  
(54) COMPOSITION FOR USE IN CLEANING METAL COMPONENTS

(51) Int. Cl.  
**C11D 7/50** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )

- (43) 25.08.2022  
(62) 2019462996  
(72) BONTA, Jacob  
(74) Griffith Hack

(71) vArmour Networks, Inc.

(11) AU-A-2022200807  
(21) 2022200807 (22) 08.02.2022  
(54) Systems and Methods for Understanding Identity and Organizational Access to Applications within an Enterprise Environment

(51) Int. Cl.  
**G06F 21/62** ( 2013.01 )  
**G06F 16/908** ( 2019.01 )  
**G06F 21/30** ( 2013.01 )  
**G06N 20/10** ( 2019.01 )

- (31) 17/170,320 (32) 08.02.21 (33) US  
(43) 25.08.2022  
(72) Ross, Colin; Woolward, Marc; Stewart, Keith; Bigbee, Paul; Wang, HsiSheng  
(74) SR Intellectual Property

(71) Vetco Gray Scandinavia AS

(11) AU-A-2022211799  
(21) 2022211799 (22) 02.08.2022  
(54) SUBSEA HORIZONTAL CONNECTION ARRANGEMENT

(51) Int. Cl.  
**E21B 43/01** ( 2006.01 )  
**E21B 43/013** ( 2006.01 )  
**F16L 1/26** ( 2006.01 )  
**F16L 23/04** ( 2006.01 )

- (43) 25.08.2022  
(62) 2021218152  
(72) Hestetun, Steinar Lindemann; Svindland, Staal  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) VIGOURPLASTIC CO., LTD.  
(11) AU-A-2022200303

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- (21) 2022200303 (22) 18.01.2022  
**(54)** CONTAINER THAT PREVENTS FROM AN ILLEGAL OPERATION AND CAN BE EASILY IDENTIFIED AFTER BEING ILLEGALLY OPERATED  
**(51)** Int. Cl.  
*B65D 55/06* ( 2006.01 )  
*B65D 1/26* ( 2006.01 )  
*B65D 17/32* ( 2006.01 )  
*B65D 43/16* ( 2006.01 )  
*B65D 43/22* ( 2006.01 )  
*B65D 50/14* ( 2006.01 )  
**(31)** 110104442 (32) 05.02.21 **(33)** TW  
**(43)** 25.08.2022  
**(72)** HSIEH, Albert  
**(74)** Collison & Co
- 
- (71)** Waymo LLC  
**(11)** AU-A-2022209361  
**(21)** 2022209361 (22) 30.07.2022  
**(54)** METHODS AND SYSTEMS FOR VEHICLE OCCUPANCY CONFIRMATION  
**(51)** Int. Cl.  
*B60W 30/14* ( 2006.01 )  
*B60R 11/04* ( 2006.01 )  
*B60R 21/015* ( 2006.01 )  
*B60W 40/08* ( 2012.01 )  
*B60W 50/14* ( 2020.01 )  
**(43)** 25.08.2022  
**(62)** 2021203308  
**(72)** HERBACH, Joshua  
**(74)** Robert Finzi
- 
- (43)** 25.08.2022  
**(62)** 2018307880  
**(72)** PICHON, Philippe; MCQUEEN, E. Keith  
**(74)** FB Rice Pty Ltd

**Voronoibio Inc. see Voronoi Inc.**

**(21)** 2022211789

**(71)** Voronoi Inc.; Voronoibio Inc.; B2SBio Inc.

**(11)** AU-A-2022211789

**(21)** 2022211789 (22) 01.08.2022

**(54)** Heteroaryl derivative, method for producing the same, and pharmaceutical composition comprising same as effective component

**(51)** Int. Cl.

*C07D 413/04* ( 2006.01 )

*A61K 31/506* ( 2006.01 )

*A61P 35/00* ( 2006.01 )

*C07D 413/14* ( 2006.01 )

*C07D 417/14* ( 2006.01 )

*C07D 471/04* ( 2006.01 )

*C07D 471/08* ( 2006.01 )

*C07D 491/08* ( 2006.01 )

**(43)** 25.08.2022

**(62)** 2020240382

**(72)** Lee, Youn Ho; Kang, Ju Hee; Kang, Se In; Kim, Hwan; Kim, Seung Su; Seok, Ji Yoon; Ko, Yi Kyung; Kim, Da Eun; Han, Ah Reum; Ryu, Min Seok; Hwang, Dong Keun; Ko, Eun Hwa; Choi, Hwan Geun; Lee, Sun Hwa; Son, Jung Beom; Kim, Nam Doo

**(74)** Davies Collison Cave Pty Ltd

**(71)** Welsh-Brockman, A.

**(11)** AU-A-2021240213

**(21)** 2021240213 (22) 29.09.2021

**(54)** POSEABLE AND SELF-STANDING DOLL COMPRISING INTERNAL WIRING AND METHODS OF MAKING AND USING THE SAME

**(51)** Int. Cl.

*A63H 3/04* ( 2006.01 )

*A63H 3/20* ( 2006.01 )

**(31)** 17/172,425 (32) 10.02.21 **(33)** US  
 17/481,982 22.09.21 US

**(43)** 25.08.2022

**(72)** Welsh-Brockman, Amy

**(74)** Adams Pluck

**(71)** WTA - Watanabe Tecnologia Aplicada Eirele - EPP

**(11)** AU-A-2022211793

**(21)** 2022211793 (22) 01.08.2022

**(54)** Automatically adjustable device for affixing to the nose of animals

**(51)** Int. Cl.

*A61D 7/00* ( 2006.01 )

*A01K 15/00* ( 2006.01 )

**(43)** 25.08.2022

**(62)** 2018382231

**(72)** YOSHIME WATANABE, Osnir

**(74)** Spruson & Ferguson

**VRIJE UNIVERSITEIT BRUSSEL see UNIVERSITEIT GENT**

**(21)** 2022211848

**(71)** Wang, Y.; Solymosi, G.; Kim, Y.

**(11)** AU-A-2022209274

**(21)** 2022209274 (22) 27.07.2022

**(54)** System and method for evaluating models for predictive failure of renewable energy assets

**(51)** Int. Cl.

*G01R 31/08* ( 2020.01 )

*G01R 31/14* ( 2006.01 )

**(43)** 25.08.2022

**(62)** 2019413696

**(72)** WANG, Yajuan; SOLYMOSI, Gabor; KIM, Younghun

**(74)** Spruson & Ferguson

**(71)** Zheng, M.

**(11)** AU-A-2021200880

**(21)** 2021200880 (22) 11.02.2021

**(54)** Adaptive Versatile Footwear

**(51)** Int. Cl.

*A43B 9/00* ( 2006.01 )

*A43B 13/28* ( 2006.01 )

*A43B 13/38* ( 2006.01 )

*A43B 3/10* ( 2006.01 )

**(43)** 25.08.2022

**(72)** Zheng, Min

**(74)** min zheng

**(71)** Zodiac Pool Care Europe

**(11)** AU-A-2022209329

**(21)** 2022209329 (22) 29.07.2022

**(54)** Automatic swimming pool cleaners with filter-loading indicators

**(51)** Int. Cl.

*E04H 4/16* ( 2006.01 )



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<b>2021200749</b>	Jayaram, N.	<b>2022209282</b>	Meridian Medical Technologies, Inc.
<b>2021200751</b>	HADWAY PTY LTD	<b>2022209284</b>	Intellitech Pty Ltd
<b>2021200752</b>	Meilleur, R.	<b>2022209286</b>	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH
<b>2021200823</b>	TMT PTY LTD		
<b>2021200880</b>	Zheng, M.	<b>2022209287</b>	EDWARDS, H.
<b>2021218224</b>	SOLIDpower (Australia) Pty Ltd	<b>2022209288</b>	Beijing Microlive Vision Technology Co., Ltd
<b>2021221586</b>	Fisher & Paykel Healthcare Limited	<b>2022209289</b>	Aeovian Pharmaceuticals, Inc.
<b>2021221604</b>	Metso Outotec Finland Oy	<b>2022209294</b>	THE CHINESE UNIVERSITY OF HONG KONG
<b>2021240152</b>	Aristocrat Technologies Australia Pty Limited	<b>2022209295</b>	GW Research Limited
<b>2021240213</b>	Welsh-Brockman, A.	<b>2022209298</b>	The Jackson Laboratory
<b>2021240314</b>	Crossan, M.	<b>2022209299</b>	Dolby International AB
<b>2021286354</b>	Shopify Inc.	<b>2022209300</b>	Evoqua Water Technologies Limited
<b>2021367386</b>	Nanjing Nutrabuilding Bio-Tech Co., Ltd.	<b>2022209304</b>	PTC Therapeutics, Inc.
<b>2021376720</b>	Guangzhou Pluslife Technology Co., Ltd.; Guangzhou Pluslife Biotech Co., Ltd.	<b>2022209305</b>	CareFusion 303, Inc.
		<b>2022209307</b>	Deep Brain Innovations LLC
<b>2021404856</b>	Tongwei Solar (Jintang) Co., Ltd.	<b>2022209311</b>	Société des Produits Nestlé S.A.
<b>2022200121</b>	Samsung Electronics Co., Ltd.	<b>2022209312</b>	LG Electronics Inc.
<b>2022200303</b>	VIGOURPLASTIC CO., LTD.	<b>2022209316</b>	Intact Vascular, Inc.
<b>2022200359</b>	LG ELECTRONICS INC.	<b>2022209318</b>	Karsten Manufacturing Corporation
<b>2022200504</b>	COLLINS, J.	<b>2022209319</b>	LG ELECTRONICS INC.
<b>2022200532</b>	CATERPILLAR INC.	<b>2022209327</b>	AVECHO BIOTECHNOLOGY LIMITED
<b>2022200594</b>	Air Products and Chemicals, Inc.	<b>2022209329</b>	Zodiac Pool Care Europe
<b>2022200620</b>	Techtronic Cordless GP	<b>2022209330</b>	Valvoline Licensing and Intellectual Property LLC
<b>2022200630</b>	Beijing Tusen Zhitu Technology Co., Ltd.	<b>2022209331</b>	Spry, P.
<b>2022200632</b>	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	<b>2022209333</b>	Russell, J.
<b>2022200661</b>	Beijing Tusen Zhitu Technology Co., Ltd.	<b>2022209334</b>	BEDGEAR, LLC
<b>2022200675</b>	Semcom Visual Communication Pty Ltd	<b>2022209336</b>	AbbVie Inc.
<b>2022200681</b>	Prysmian S.p.A.	<b>2022209338</b>	Corn Products Development, Inc.; Ingredient Singapore Pte. Ltd.
<b>2022200694</b>	Enceres Asia PTE LTD		
<b>2022200698</b>	BROLOCK PTY LTD	<b>2022209343</b>	Clear Gene, Inc.
<b>2022200705</b>	Plush Dust Pty Ltd	<b>2022209344</b>	The University of Akron
<b>2022200712</b>	Hamiltonian Holdings Pty Ltd	<b>2022209348</b>	Auctane, LLC.
<b>2022200715</b>	Reid, G.	<b>2022209350</b>	University of Pittsburgh - Of the Commonwealth System of Higher Education; Carnegie Mellon University
<b>2022200785</b>	TYCO ELECTRONICS RAYCHEM GmbH		
<b>2022200807</b>	vArmour Networks, Inc.	<b>2022209352</b>	Channel Medsystems, Inc.
<b>2022200823</b>	KOKIDO DEVELOPMENT LIMITED	<b>2022209361</b>	Waymo LLC
<b>2022200842</b>	2840629 ONTARIO INC.	<b>2022210222</b>	Agilent Technologies, Inc.
<b>2022200844</b>	Schneider Electric Industries SAS	<b>2022211785</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2022200845</b>	Schneider Electric Industries SAS		
<b>2022200886</b>	Pentair Water Pool and Spa, Inc.	<b>2022211787</b>	Medical Enterprises Distribution, LLC
<b>2022200890</b>	EV Power WA Pty Ltd	<b>2022211789</b>	Voronoi Inc.; Voronoibio Inc.; B2SBio Inc.
<b>2022200950</b>	Civil Infrastructure Group Pty Ltd	<b>2022211790</b>	Birdie Biopharmaceuticals, Inc.
<b>2022201066</b>	Rockwell Collins, Inc.	<b>2022211791</b>	Meridian Medical Technologies, Inc.
<b>2022201069</b>	Rockwell Collins, Inc.	<b>2022211792</b>	BISSELL Inc.
<b>2022204571</b>	The Toro Company	<b>2022211793</b>	WTA - Watanabe Tecnologia Aplicada Eirele - EPP
<b>2022204688</b>	Burton, D.	<b>2022211794</b>	Katholieke Universiteit Leuven; ABT Holding Company
<b>2022204716</b>	Implantica Patent Ltd	<b>2022211797</b>	NuCana plc
<b>2022206759</b>	Lucira Health, Inc.	<b>2022211799</b>	Vetco Gray Scandinavia AS
<b>2022206768</b>	CorMedix Inc.	<b>2022211800</b>	Mallinckrodt Pharmaceuticals Ireland Limited
<b>2022206783</b>	Factor Bioscience Inc.	<b>2022211801</b>	Anduril Industries, Inc.
<b>2022209197</b>	Sadleir Laboratories Pty Ltd	<b>2022211802</b>	Anduril Industries, Inc.
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<b>2022209230</b>	Reflex Instruments Asia Pacific Pty Ltd	<b>2022211805</b>	Anduril Industries, Inc.
<b>2022209255</b>	Lucira Health, Inc.	<b>2022211806</b>	Anduril Industries, Inc.
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<b>2022209266</b>	SUNOVION PHARMACEUTICALS INC.	<b>2022211808</b>	Aqseptence Group, Inc
<b>2022209269</b>	Hollister Incorporated	<b>2022211809</b>	Ivanti, Inc.
<b>2022209270</b>	IKONOMOU, K.	<b>2022211812</b>	Intuit Inc.
<b>2022209271</b>	The United States of America, as represented by the Secretary, Department of Health and Human Service; Kite Pharma, Inc.	<b>2022211815</b>	AMO Development, LLC
		<b>2022211819</b>	Electrical Engineering Solutions Pty Ltd
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**2022211844** Minn-Dak Farmers Cooperative  
**2022211846** IGT  
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**2022211851** Magic Leap, Inc.  
**2022211853** LUTZ, T.  
**2022211854** Pfizer Inc.  
**2022211858** Think Surgical, Inc.  
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**2022211862** Regeneron Pharmaceuticals, Inc.  
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<b><u>A23L 2 /-</u></b> 2022209338	<b><u>A61H 3 /-</u></b> 2022200712	<b><u>A61M 39 /-</u></b> 2022209305	<b><u>B01J 20 /-</u></b> 2021200749	<b><u>B65D 39 /-</u></b> 2022211853	<b><u>C07D 498 /-</u></b> 2022209289
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<b><u>C25B 1 /-</u></b> 2022209300	<b><u>E21B 47 /-</u></b> 2022209230	<b><u>G01N 27 /-</u></b> 2022209255	<b><u>G07F 17 /-</u></b> 2022211846	<b><u>H04W 4 /-</u></b> 2022201069 2022209275
<b><u>C25B 11 /-</u></b> 2022209300	<b><u>E21B 49 /-</u></b> 2022209230	<b><u>G01N 33 /-</u></b> 2022209286 2022210222 2022211785	<b><u>G08G 1 /-</u></b> 2021200823	<b><u>H04W 64 /-</u></b> 2022209275
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	<b><u>G01B 11 /-</u></b> 2021240314	<b><u>G07F 17 /-</u></b> 2022211846	<b><u>H04W 24 /-</u></b> 2022201069	
	<b><u>G01B 7 /-</u></b> 2021240314	<b><u>G08G 1 /-</u></b> 2021200823		

**Innovation Patents Open to Public Inspection**

**Name Index**

- . (\*) Title not in Roman characters
  - . (\*\*) Title not given
- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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**B65D 25/14** ( 2006.01 )

**(45)** 25.08.2022  
**(62)** 2022100042  
**(72)** Sofocleous, George  
**(74)** Patentec Patent Attorneys

**(71)** A.S.P. Access Floors Pty Ltd  
**(11)** AU-A-2022100089  
**(21)** 2022100089      **(22)** 06.07.2022  
**(54)** Improved Raised Access Flooring  
**(51)** Int. Cl.  
     **E04F 15/024** ( 2006.01 )  
     **E04F 15/02** ( 2006.01 )  
     **E04F 15/08** ( 2006.01 )  
     **E04F 21/00** ( 2006.01 )  
**(45)** 25.08.2022  
**(62)** 2020203762  
**(72)** Zlatar, Petar  
**(74)** ACROGON GROUP PTY LTD

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**(71)** Cruel Sea Technologies Pty Ltd  
**(11)** AU-A-2022100101  
**(21)** 2022100101      **(22)** 02.08.2022  
**(54)** Knife/blade holder for an agricultural machine  
**(51)** Int. Cl.  
     **A01B 15/02** ( 2006.01 )  
     **A01B 35/22** ( 2006.01 )  
     **A01B 49/06** ( 2006.01 )  
     **A01C 5/06** ( 2006.01 )  
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**(45)** 25.08.2022  
**(62)** 2021105166  
**(72)** Auldish, Jack  
**(74)** Armour IP

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**(71)** June365 Limited  
**(11)** AU-A-2022100100  
**(21)** 2022100100      **(22)** 26.07.2022  
**(54)** An Exercise Device  
**(51)** Int. Cl.  
     **A63B 21/00** ( 2006.01 )  
     **A63B 21/04** ( 2006.01 )  
     **A63B 21/005** ( 2006.01 )  
**(45)** 25.08.2022  
**(62)** 2021221561  
**(72)** ANDREWS, Ty Elgin; HERON, Louie George; DOS SANTOS, Raphael Jorge Millnitz; JACKSON, Russell Joseph; BELSHAM, Anthony John  
**(74)** James & Wells Intellectual Property

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**(71)** Pinnacle International Wholesalers Pty Ltd  
**(11)** AU-A-2022100099  
**(21)** 2022100099      **(22)** 25.07.2022  
**(54)** A paper-based single use food grade container  
**(51)** Int. Cl.  
     **B65D 3/28** ( 2006.01 )  
     **B65D 5/02** ( 2006.01 )  
     **B65D 5/14** ( 2006.01 )  
     **B65D 5/56** ( 2006.01 )  
     **B65D 21/02** ( 2006.01 )

**Numerical Index**

**2022100089** A.S.P. Access Floors Pty Ltd  
**2022100099** Pinnacle International Wholesalers Pty Ltd  
**2022100100** June365 Limited  
**2022100101** Cruel Sea Technologies Pty Ltd

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**A01B 35 /-**

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**A01B 49 /-**

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**A01C 7 /-**

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**A63B 21 /-**

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**B65D 25 /-**

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**B65D 3 /-**

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**B65D 5 /-**

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**E04F 15 /-**

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**E04F 21 /-**

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PCT applications which have entered the National Phase

Name Index

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 (11) AU-A-2021208716  
 (21) 2021208716 (22) 18.01.2021  
 (54) Multi-pieced handrail-mounting bracket and corresponding method  
 (51) Int. Cl.  
*E04F 11/18* ( 2006.01 )  
*E04G 5/14* ( 2006.01 )  
*F16B 7/00* ( 2006.01 )  
*F16B 9/00* ( 2006.01 )  
 (87) WO2021/142551  
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 (72) WARSHAW, William Kell  
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 (21) 2021212183 (22) 29.01.2021  
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 (51) Int. Cl.  
*A61F 2/54* ( 2006.01 )  
*A61F 2/58* ( 2006.01 )  
*A61F 5/01* ( 2006.01 )  
*A61F 5/02* ( 2006.01 )  
*A61H 1/02* ( 2006.01 )  
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 (72) ORESCHNICK, Mark; KRUMHOLZ, Eli; LUNSTROM, Julie; PERSAUD, Shawna; CONELY, Angie  
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*G06F 16/215* ( 2019.01 )  
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 (72) JOYCE, John; ISMAN, Marshall A.; MELBOUCI, Sandrick  
 (74) RnB IP Pty Ltd

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 (51) Int. Cl.  
*A61M 60/13* ( 2021.01 )

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*A61M 60/81* ( 2021.01 )  
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 (43) 08.07.2021  
 (72) BERNAZANI, Michael J.  
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 (11) AU-A-2021256476  
 (21) 2021256476 (22) 15.04.2021  
 (54) Benzimidazole compound for the treatment of metabolic disorders  
 (51) Int. Cl.  
*C07D 235/26* ( 2006.01 )  
*A61K 31/4184* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*A61P 3/04* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
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 (43) 21.10.2021  
 (72) DE AZEVEDO, Hatylas Felype Zaneti; FERREIRA JUNIOR, Marcos Antonio; SEGRETTI, Natanael Dante; MAS-CARELLO, Alessandra; GUIMARÃES, Cristiano Ruch Werneck  
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 (51) Int. Cl.  
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 (43) 29.07.2021  
 (72) LUO, Peter Peizhi; DU, Fangyong; LIU, Guizhong; DAI, Zhengxi; SHI, Jianfeng; LIN, Zhixiong; LI, Yan  
 (74) AJ PARK

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 (54) Waste processing system  
 (51) Int. Cl.  
*C10J 3/48* ( 2006.01 )  
*C10J 3/72* ( 2006.01 )  
*C10K 3/00* ( 2006.01 )  
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 (72) CORNELL, Andrew; TAYLOR, Richard  
 (74) Michael Buck IP

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 (51) Int. Cl.  
*C09D 5/02* ( 2006.01 )  
*C07F 7/08* ( 2006.01 )  
*C09D 7/63* ( 2018.01 )  
*C09D 11/38* ( 2014.01 )  
*C09J 11/06* ( 2006.01 )  
*C08K 5/17* ( 2006.01 )  
*C08K 5/5415* ( 2006.01 )  
*C08K 5/5455* ( 2006.01 )  
 (87) WO2021/126715  
 (31) 62/950,403 (32) 19.12.19 (33) US  
 (43) 24.06.2021  
 (72) ASIRVATHAM, Edward  
 (74) Davies Collison Cave Pty Ltd

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(71) Aelin Therapeutics; VIB vzw; Katholieke Universiteit Leuven  
 (11) AU-A-2021222972  
 (21) 2021222972 (22) 19.02.2021  
 (54) Molecules targeting RAS protein  
 (51) Int. Cl.  
*A61K 38/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/82* ( 2006.01 )  
*C12Q 1/6886* ( 2018.01 )  
*G01N 33/574* ( 2006.01 )  
 (87) WO2021/165456  
 (31) 20158306.9 (32) 19.02.20 (33) EP  
 (43) 26.08.2021  
 (72) CLAES, Filip, Maria, Hendrik; SCHYMKOWITZ, Joost; ROUSSEAU, Frederic  
 (74) Pearce IP Pty Ltd

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(71) Aelin Therapeutics; VIB vzw; Katholieke Universiteit Leuven  
 (11) AU-A-2021223702  
 (21) 2021223702 (22) 19.02.2021  
 (54) Molecules targeting mutant RAS protein  
 (51) Int. Cl.  
*A61K 38/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/82* ( 2006.01 )  
*C12Q 1/6886* ( 2018.01 )  
*G01N 33/574* ( 2006.01 )  
 (87) WO2021/165452  
 (31) 20158306.9 (32) 19.02.20 (33) EP  
 (43) 26.08.2021  
 (72) CLAES, Filip Maria Hendrik; SCHYMKOWITZ, Joost; ROUSSEAU, Frederic  
 (74) Pearce IP Pty Ltd

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(71) Aelin Therapeutics; VIB vzw; Katholieke Universiteit Leuven  
 (11) AU-A-2021223703



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

(21) 2021223703	(22) 19.02.2021	(54) Ion exchange membrane with catalyst layer, ion exchange membrane, and electrolytic hydrogenation device	63/003,197	31.03.20	US
(54) Molecules targeting proteins			63/016,960	28.04.20	US
(51) Int. Cl.			63/026,712	18.05.20	US
<b>A61K 38/00</b> ( 2006.01 )		(51) Int. Cl.	63/029,395	22.05.20	US
<b>A61P 35/00</b> ( 2006.01 )		<b>C25B 13/08</b> ( 2006.01 )	63/092,432	15.10.20	US
<b>C07K 14/82</b> ( 2006.01 )		<b>B01J 23/42</b> ( 2006.01 )	63/125,950	15.12.20	US
<b>C12Q 1/6886</b> ( 2018.01 )		<b>C08J 5/22</b> ( 2006.01 )	(43) 29.07.2021		
<b>G01N 33/574</b> ( 2006.01 )		<b>C25B 9/00</b> ( 2021.01 )	(72) EQUELS, Thomas, K.; STRAYER, David, R.; YOUNG, Diane L.		
(87) WO2021/165453		(87) WO2021/157639	(74) James & Wells Intellectual Property		
(31) 20158310.1	(32) 19.02.20 (33) EP	(31) 2020-018828	(32) 06.02.20 (33) JP		
(43) 26.08.2021		(43) 12.08.2021			
(72) CLAES, Filip Maria Hendrik; SCHYMKOWITZ, Joost; ROUSSEAU, Frederic; BEIRNAERT, Els Anna Alice		(72) SUMIKURA, Kosuke; HAYABE, Shintaro; NISHIO, Takuo			
(74) Pearce IP Pty Ltd		(74) Davies Collison Cave Pty Ltd			
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(71) Aerovironment, Inc.		(71) AgeX Therapeutics, Inc.			
(11) AU-A-2021216411		(11) AU-A-2021210986			
(21) 2021216411	(22) 05.02.2021	(21) 2021210986	(22) 22.01.2021		
(54) D-truss wing structure for an unmanned aerial vehicle		(54) Therapeutic exosomes and method of producing them			
(51) Int. Cl.		(51) Int. Cl.			
<b>B64C 3/00</b> ( 2006.01 )		<b>A61K 31/713</b> ( 2006.01 )			
<b>B21D 47/00</b> ( 2006.01 )		<b>A61K 9/127</b> ( 2006.01 )			
<b>B21D 47/04</b> ( 2006.01 )		<b>A61K 47/54</b> ( 2017.01 )			
<b>B64C 3/10</b> ( 2006.01 )		(87) WO2021/151029			
<b>B64C 3/18</b> ( 2006.01 )		(31) 62/964,590	(32) 22.01.20 (33) US		
<b>B64C 3/20</b> ( 2006.01 )		(43) 29.07.2021			
<b>B64C 3/22</b> ( 2006.01 )		(72) LAROCCA, Dana; LEE, Jieun; STERNBERG, Hal			
(87) WO2021/158862		(74) RnB IP Pty Ltd			
(31) 62/970,827	(32) 06.02.20 (33) US	<hr/>			
(43) 12.08.2021		(71) AgroFresh Inc.			
(72) KENDALL, Greg T.		(11) AU-A-2021217956			
(74) Spruson & Ferguson		(21) 2021217956	(22) 03.02.2021		
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(71) AgBiome, Inc.		(54) Antimicrobial compounds and compositions			
(11) AU-A-2021207984		(51) Int. Cl.			
(21) 2021207984	(22) 15.01.2021	<b>C07F 5/02</b> ( 2006.01 )			
(54) Compositions and methods for controlling undesirable microbes and improving animal health		<b>A01N 55/00</b> ( 2006.01 )			
(51) Int. Cl.		<b>A01N 55/08</b> ( 2006.01 )			
<b>A61K 35/66</b> ( 2015.01 )		<b>A23B 4/00</b> ( 2006.01 )			
<b>A61K 35/742</b> ( 2015.01 )		<b>A23B 7/00</b> ( 2006.01 )			
<b>A61K 35/744</b> ( 2015.01 )		<b>A23L 3/00</b> ( 2006.01 )			
<b>A61K 35/745</b> ( 2015.01 )		<b>A61K 31/69</b> ( 2006.01 )			
<b>A61K 35/747</b> ( 2015.01 )		(87) WO2021/158595			
<b>A61P 1/00</b> ( 2006.01 )		(31) 62/970,285	(32) 05.02.20 (33) US		
<b>A61P 31/04</b> ( 2006.01 )		(43) 12.08.2021			
(87) WO2021/146582		(72) JACOBSON, Richard M.; MACLEAN, Daniel; GACHANGO, Esther			
(31) 62/962,419	(32) 17.01.20 (33) US	(74) FPA Patent Attorneys Pty Ltd			
62/970,907	06.02.20	<hr/>			
63/040,286	17.06.20	(71) AIM ImmunoTech Inc.			
63/047,569	02.07.20	(11) AU-A-2021211012			
63/053,142	17.07.20	(21) 2021211012	(22) 25.01.2021		
63/094,023	20.10.20	(54) Methods, compositions, and vaccines for treating a virus infection			
(43) 22.07.2021		(51) Int. Cl.			
(72) BIGGS, Matthew Bryon; KREMER, James Michael; BEILINSON, Vadim; GANGAIAH, Dharanesh Mahimapura; CRAIG, Kelly		<b>C12N 15/117</b> ( 2010.01 )			
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd		<b>A61K 31/713</b> ( 2006.01 )			
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(71) AGC Inc.		<b>C12N 15/11</b> ( 2006.01 )			
(11) AU-A-2021215607		(87) WO2021/151100			
(21) 2021215607	(22) 04.02.2021	(31) 62/967,493	(32) 29.01.20 (33) US		
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		62/965,713	24.01.20	US	
		62/969,572	03.02.20	US	
		62/971,199	06.02.20	US	
		62/976,994	14.02.20	US	
		62/982,641	27.02.20	US	
		62/993,514	23.03.20	US	
		62/994,777	25.03.20	US	
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(71) Alector LLC		(71) Alien Beats Records			
(11) AU-A-2021224572		(11) AU-A-2021217772			
(21) 2021224572	(22) 17.02.2021	(21) 2021217772	(22) 04.02.2021		
(54) PILRA antibodies and methods of use thereof		(54) Improved harmonica			
(51) Int. Cl.		(51) Int. Cl.			
<b>A61K 38/00</b> ( 2006.01 )		<b>G10D 7/14</b> ( 2020.01 )			
<b>A61K 39/395</b> ( 2006.01 )		(87) WO2021/156384			
<b>A61P 35/00</b> ( 2006.01 )		(31) FR2001144	(32) 05.02.20 (33) FR		
<b>C07K 16/28</b> ( 2006.01 )		(43) 12.08.2021			
(87) WO2021/167964		(72) PEYRELEVADE, Jérôme; KULICHENSKI, Jean-Noël			
(31) 62/978,106	(32) 18.02.20 (33) US	(74) AUSTRALASIA IP PTY LTD			
63/075,440	08.09.20	<hr/>			
(43) 26.08.2021		(71) Allogene Therapeutics, Inc.			
(72) LIANG, Spencer; NALLE, Samuel; LEUNG, Ling		(11) AU-A-2021227191			
(74) FB Rice Pty Ltd		(21) 2021227191	(22) 24.02.2021		
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(71) Alios Bio		(54) BCMA car-T cells with enhanced activities			
(11) AU-A-2021211012		(51) Int. Cl.			
(21) 2021211012	(22) 25.01.2021	<b>C07K 14/725</b> ( 2006.01 )			
(54) Methods, compositions, and vaccines for treating a virus infection		<b>A61K 35/17</b> ( 2015.01 )			
(51) Int. Cl.		<b>A61K 39/00</b> ( 2006.01 )			
<b>C12N 15/117</b> ( 2010.01 )		<b>A61P 35/00</b> ( 2006.01 )			
<b>A61K 31/713</b> ( 2006.01 )		<b>A61P 35/02</b> ( 2006.01 )			
<b>C12N 15/11</b> ( 2006.01 )		<b>A61P 37/04</b> ( 2006.01 )			
(87) WO2021/151100		<b>C07K 14/705</b> ( 2006.01 )			
(31) 62/967,493	(32) 29.01.20 (33) US	<b>C07K 14/715</b> ( 2006.01 )			
62/965,713	24.01.20	<b>C07K 16/28</b> ( 2006.01 )			
62/969,572	03.02.20	(87) WO2021/173630			
62/971,199	06.02.20	(31) 62/980,914	(32) 24.02.20 (33) US		
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62/982,641	27.02.20	63/053,409	17.07.20	US	
62/993,514	23.03.20	63/092,681	16.10.20	US	
62/994,777	25.03.20	(43) 02.09.2021			
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(71) LIN, Regina Junhui; PANOWSKI, Siler; SOMMER, Cesar Adolfo; VAN BLARCOM, Thomas John; SASU, Barbra Johnson; BALAKUMARAN, Arun		(72) LIN, Regina Junhui; PANOWSKI, Siler; SOMMER, Cesar Adolfo; VAN BLARCOM, Thomas John; SASU, Barbra Johnson; BALAKUMARAN, Arun			
(74) Spruson & Ferguson		(74) Spruson & Ferguson			

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

(71) Alphala Co., Ltd.  
 (11) AU-A-2021231787  
 (21) 2021231787 (22) 03.03.2021  
 (54) Processes for producing amide compounds, and their crystalline and salt form  
 (51) Int. Cl.  
*C07C 233/76* ( 2006.01 )  
*A01N 37/46* ( 2006.01 )  
*A01N 43/40* ( 2006.01 )  
 (87) WO2021/178486  
 (31) 62/985,918 (32) 06.03.20 (33) US  
 (43) 10.09.2021  
 (72) CHUNG, Cheng-Ho; TSENG, Shi-Liang; HSU, Hsiang-En  
 (74) Madderns Pty Ltd

(71) American Sterilizer Company  
 (11) AU-A-2021212608  
 (21) 2021212608 (22) 19.01.2021  
 (54) Light head with rotating lens assembly and method of operating same  
 (51) Int. Cl.  
*G02B 3/06* ( 2006.01 )  
*A61B 90/30* ( 2016.01 )  
*F21V 5/04* ( 2006.01 )  
*F21V 14/06* ( 2006.01 )  
*G02B 3/08* ( 2006.01 )  
*G02B 27/09* ( 2006.01 )  
 (87) WO2021/154525  
 (31) 62/968,196 (32) 31.01.20 (33) US  
 (43) 05.08.2021  
 (72) WESTENFELDER II, David A.; SANDERS, Jill A.  
 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-A-2021219730  
 (21) 2021219730 (22) 11.02.2021  
 (54) Novel PRMT5 inhibitors  
 (51) Int. Cl.  
*C07D 401/12* ( 2006.01 )  
*A61K 31/435* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 401/14* ( 2006.01 )  
*C07D 403/12* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 417/14* ( 2006.01 )  
 (87) WO2021/163344  
 (31) 62/975,258 (32) 12.02.20 (33) US  
 (43) 19.08.2021  
 (72) ALLEN, Jennifer Rebecca; AMEGADZIE, Albert; BEYLKIN, Diane Jennifer; BOOKER, Shon; BOURBEAU, Matthew Paul; BUTLER, John R.; FROHN, Michael J.; GLAD, Sanne Ormholt Schroder; HUSEMOEN, Birgitte Weinreich; KALLER, Matthew R.; KOHN, Todd J.; LANMAN, Brian Alan; LI, Kexue; LIU, Qingyian; LOPEZ, Patricia; MA, Vu Van; MANONI, Francesco; MEDINA, Jose; MINATTI, Ana Elena; PEIRO CADAHIA, Jorge; PETTUS, Liping; PICKRELL, Alexander J.; SARVARY, Ian; TAMAYO, Nuria A.; VESTERGAARD, Mikkel  
 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-A-2021219839  
 (21) 2021219839 (22) 12.02.2021  
 (54) Formulations of human anti-TSLP antibodies and methods of treating inflammatory disease  
 (51) Int. Cl.  
*A61K 39/395* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 47/18* ( 2017.01 )  
*A61K 47/26* ( 2006.01 )  
 (87) WO2021/163504  
 (31) 62/976,007 (32) 13.02.20 (33) US  
 63/148,105 10.02.21 US  
 (43) 19.08.2021  
 (72) LUERAS, Alexis; SLOEY, Christopher; TALLY, Clea  
 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-A-2021237233  
 (21) 2021237233 (22) 08.02.2021  
 (54) Controlled dispense syringe  
 (51) Int. Cl.  
*A61M 5/36* ( 2006.01 )  
*A61M 5/31* ( 2006.01 )  
*A61M 5/315* ( 2006.01 )  
 (87) WO2021/188224  
 (31) 62/990,819 (32) 17.03.20 (33) US  
 (43) 23.09.2021  
 (72) AKBARI, Samin; FAUCHER, Paul Daniel  
 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-A-2021237384  
 (21) 2021237384 (22) 08.02.2021  
 (54) Drug delivery member insertion sensing assemblies, drug delivery devices, and related methods  
 (51) Int. Cl.  
*A61M 5/46* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61M 5/32* ( 2006.01 )  
*H01L 25/16* ( 2006.01 )  
 (87) WO2021/188223  
 (31) 62/990,133 (32) 16.03.20 (33) US  
 (43) 23.09.2021  
 (72) BONAKDAR, Mohammad; GROSZMANN, Daniel Eduardo; LEE, Heejin; VEGA, Leonela  
 (74) Spruson & Ferguson

(71) Amicus Therapeutics, Inc.  
 (11) AU-A-2021218578  
 (21) 2021218578 (22) 10.02.2021  
 (54) Methods of treating Fabry disease  
 (51) Int. Cl.  
*A61K 31/445* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 31/45* ( 2006.01 )  
*A61K 31/7008* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )  
*A61P 3/06* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )

*A61P 13/12* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
 (87) WO2021/163183  
 (31) 62/972,392 (32) 10.02.20 (33) US  
 (43) 19.08.2021  
 (72) SKUBAN, Nina  
 (74) Dark IP

(71) AMO Development, LLC  
 (11) AU-A-2020417018  
 (21) 2020417018 (22) 18.11.2020  
 (54) Digitally reconstructing laser cutting patterns in ophthalmic surgical laser system  
 (51) Int. Cl.  
*A61F 9/008* ( 2006.01 )  
 (87) WO2021/137035  
 (31) 62/955,225 (32) 30.12.19 (33) US  
 (43) 08.07.2021  
 (72) GRAY, Paul; DAI, Guangming; MALEK TABRIZI, Alireza; FU, Hong  
 (74) Spruson & Ferguson

(71) AMO Groningen B.V.  
 (11) AU-A-2020416055  
 (21) 2020416055 (22) 16.11.2020  
 (54) Lenses having diffractive profiles with irregular width for vision treatment  
 (51) Int. Cl.  
*G02C 7/04* ( 2006.01 )  
 (87) WO2021/136617  
 (31) 62/955,355 (32) 30.12.19 (33) US  
 (43) 08.07.2021  
 (72) ROSEN, Robert; GOUNOU, Franck  
 (74) Spruson & Ferguson

(71) AMO Groningen B.V.  
 (11) AU-A-2020416057  
 (21) 2020416057 (22) 01.12.2020  
 (54) Multi-region refractive lenses for vision treatment, method and system for fabricating the same  
 (51) Int. Cl.  
*A61F 2/16* ( 2006.01 )  
*G02C 7/02* ( 2006.01 )  
*G02C 7/04* ( 2006.01 )  
 (87) WO2021/136627  
 (31) 62/955,327 (32) 30.12.19 (33) US  
 (43) 08.07.2021  
 (72) ROSEN, Robert; GOUNOU, Franck  
 (74) Spruson & Ferguson

(71) AMO Groningen B.V.  
 (11) AU-A-2020416508  
 (21) 2020416508 (22) 16.11.2020  
 (54) Achromatic lenses with zone order mixing for vision treatment  
 (51) Int. Cl.  
*G02C 7/04* ( 2006.01 )  
*A61F 2/16* ( 2006.01 )  
 (87) WO2021/136615  
 (31) 62/955,346 (32) 30.12.19 (33) US  
 (43) 08.07.2021  
 (72) ROSEN, Robert; GOUNOU, Franck  
 (74) Spruson & Ferguson

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 (11) AU-A-2020418360  
 (21) 2020418360 (22) 16.11.2020  
 (54) Achromatic lenses for vision treatment  
 (51) Int. Cl.  
     **G02C 7/04** ( 2006.01 )  
     **A61F 2/16** ( 2006.01 )  
 (87) WO2021/136616  
 (31) 62/955,341 (32) 30.12.19 (33) US  
 (43) 08.07.2021  
 (72) ROSEN, Robert; GOUNOU, Franck  
 (74) Spruson & Ferguson

(71) AMO Groningen B.V.  
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 (21) 2020418447 (22) 22.12.2020  
 (54) Achromatic lenses and lenses having diffractive profiles with irregular width for vision treatment  
 (51) Int. Cl.  
     **G02C 7/04** ( 2006.01 )  
 (87) WO2021/136731  
 (31) 62/955,355 (32) 30.12.19 (33) US  
 (43) 08.07.2021  
 (72) GOUNOU, Franck; WEEBER, Hendrik A.; ROSEN, Robert; CANOVAS VIDAL, Carmen; PIERS, Patricia A.  
 (74) Spruson & Ferguson

(71) Amyris, Inc.  
 (11) AU-A-2021214568  
 (21) 2021214568 (22) 29.01.2021  
 (54) Metal oxide sunscreen formulations  
 (51) Int. Cl.  
     **A61Q 17/04** ( 2006.01 )  
     **A61K 8/27** ( 2006.01 )  
     **A61K 8/29** ( 2006.01 )  
     **A61Q 19/00** ( 2006.01 )  
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 (43) 05.08.2021  
 (72) MARIANO, Christa Lynna; VISWANATHAN, Ramya  
 (74) AJ PARK

(71) Ancestry.com Operations Inc.  
 (11) AU-A-2021210906  
 (21) 2021210906 (22) 21.01.2021  
 (54) Joint extraction of named entities and relations from text using machine learning models  
 (51) Int. Cl.  
     **G06F 40/10** ( 2020.01 )  
     **G06F 40/30** ( 2020.01 )  
     **G06N 3/04** ( 2006.01 )  
     **G06N 3/08** ( 2006.01 )  
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 (43) 29.07.2021  
 (72) CRONE, Philip Theodore; ANDERSON, Carol Myrick; SUBRAVETI, Suraj  
 (74) FB Rice Pty Ltd

(71) Ankra International LLC  
 (11) AU-A-2021208465  
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(54) Bushing and belt tension system for captive beam system  
 (51) Int. Cl.  
     **B60P 1/02** ( 2006.01 )  
     **B60P 7/135** ( 2006.01 )  
     **B60P 7/15** ( 2006.01 )  
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 (72) DA ROSA, Joaquim Carlos  
 (74) FB Rice Pty Ltd

(71) Antagonis; Universite de Versailles-St Quentin en Yvelines; Assistance Publique - Hopitaux de Paris  
 (11) AU-A-2020416989  
 (21) 2020416989 (22) 31.12.2020  
 (54) Compositions and methods for the prevention of S. Aureus Infection  
 (51) Int. Cl.  
     **A61K 39/085** ( 2006.01 )  
     **A61P 31/04** ( 2006.01 )  
     **C07K 14/31** ( 2006.01 )  
 (87) WO2021/136835  
 (31) 19306797.2 (32) 31.12.19 (33) EP  
 (43) 08.07.2021  
 (72) RIBEIRO, Cassie; ROTTMAN, Martin; GAILLARD, Jean-Louis  
 (74) Davies Collison Cave Pty Ltd

(71) Apellis Pharmaceuticals, Inc.  
 (11) AU-A-2021206693  
 (21) 2021206693 (22) 07.01.2021  
 (54) Treatment of paroxysmal nocturnal hemoglobinuria  
 (51) Int. Cl.  
     **A61K 9/00** ( 2006.01 )  
     **A61K 38/12** ( 2006.01 )  
     **A61K 47/60** ( 2017.01 )  
     **A61P 7/00** ( 2006.01 )  
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 (72) DESCHATELETS, Pascal; FRANCOIS, Cedric; GROSSI, Federico; MORRISS, Sharon; TAN, Elizabeth F.  
 (74) FB Rice Pty Ltd

(71) AppHarvest Technology, Inc.  
 (11) AU-A-2021211426  
 (21) 2021211426 (22) 20.01.2021  
 (54) Robotic harvesting systems and methods  
 (51) Int. Cl.  
     **A01D 46/30** ( 2006.01 )  
     **A01D 46/20** ( 2006.01 )  
     **A01D 46/22** ( 2006.01 )  
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 (31) 62/963,280 (32) 20.01.20 (33) US  
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 (72) KNOPF, Ryan R.; LESSING, Joshua Aaron; CHRISOS, Jason A.; PRATU-SEVICH, Michele; WASSERMAN, Ryan  
 (74) Davies Collison Cave Pty Ltd

(71) AppHarvest Technology, Inc.  
 (11) AU-A-2021230531  
 (21) 2021230531 (22) 02.03.2021  
 (54) Gripper tools for object grasping, manipulation, and removal  
 (51) Int. Cl.  
     **A01D 46/30** ( 2006.01 )  
     **A01D 34/00** ( 2006.01 )  
     **A01D 34/835** ( 2006.01 )  
     **A01D 46/00** ( 2006.01 )  
     **A01D 46/24** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Apyx Medical Corporation  
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 (21) 2021225786 (22) 20.02.2021  
 (54) Electrosurgical apparatus with flexible shaft  
 (51) Int. Cl.  
     **A61B 18/04** ( 2006.01 )  
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     **A61B 17/3209** ( 2006.01 )  
     **A61B 17/94** ( 2006.01 )  
     **A61B 18/12** ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Arcutis Biotherapeutics, Inc.  
 (11) AU-A-2021214399  
 (21) 2021214399 (22) 29.01.2021  
 (54) Topical roflumilast formulation having improved delivery and plasma half-life  
 (51) Int. Cl.  
     **A61K 9/00** ( 2006.01 )  
     **A61K 9/06** ( 2006.01 )  
     **A61K 31/44** ( 2006.01 )  
     **A61K 47/10** ( 2017.01 )  
     **A61P 17/00** ( 2006.01 )  
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 (72) OSBORNE, David W.; CHAUDHURI, Bhaskar; THURSTON, Archie W.  
 (74) Griffith Hack

(71) Armstrong World Industries, Inc.  
 (11) AU-A-2021217071  
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 (54) Sound attenuating building panels  
 (51) Int. Cl.

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**E04B 1/86** ( 2006.01 )  
**E04C 2/296** ( 2006.01 )  
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**(72)** PHAM, Phi-Oanh R.; FRANTZ, William H.; BROWNE, Sean D.  
**(74)** Spruson & Ferguson
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- (71)** ARRIS Enterprises LLC  
**(11)** AU-A-2020421140  
**(21)** 2020421140 **(22)** 18.12.2020  
**(54)** Service switching for content output  
**(51)** Int. Cl.  
**H04N 21/426** ( 2011.01 )  
**H04N 5/50** ( 2006.01 )  
**H04N 17/02** ( 2006.01 )  
**H04N 21/442** ( 2011.01 )  
**(87)** WO2021/141752  
**(31)** 62/958,491 **(32)** 08.01.20 **(33)** US  
**(43)** 15.07.2021  
**(72)** NAGARATHNAM, Yuvaraj  
**(74)** Spruson & Ferguson
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- (71)** Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.  
**(11)** AU-A-2021276957  
**(21)** 2021276957 **(22)** 27.01.2021  
**(54)** Acetic acid-containing beverage  
**(51)** Int. Cl.  
**A23L 2/00** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )  
**A23L 2/54** ( 2006.01 )  
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**(43)** 25.11.2021  
**(72)** KUBOTA, Hirofumi  
**(74)** Spruson & Ferguson
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- (71)** Ashley Furniture Industries, LLC  
**(11)** AU-A-2021224905  
**(21)** 2021224905 **(22)** 18.02.2021  
**(54)** Mattresses, methods of manufacture and components  
**(51)** Int. Cl.  
**A47C 27/00** ( 2006.01 )  
**A47C 27/045** ( 2006.01 )  
**A47C 27/05** ( 2006.01 )  
**A47C 31/10** ( 2006.01 )  
**A47G 9/02** ( 2006.01 )  
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**(43)** 26.08.2021  
**(72)** WAGNER, Travis  
**(74)** envantage
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**(11)** AU-A-2020424477  
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**(54)** Feature equivalence and document abnormality threshold determination  
**(51)** Int. Cl.  
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**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** Astromedical Biotechnology, Ltd.  
**(11)** AU-A-2020422620  
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**(54)** Use of ketamine in the treatment of cachexia  
**(51)** Int. Cl.  
**A61K 31/135** ( 2006.01 )  
**A61K 31/513** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
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**(43)** 22.07.2021  
**(72)** WANG, James Chyan-Ji  
**(74)** PHILLIPS ORMONDE FITZPATRICK
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- (71)** Atlas Elektronik GmbH; thyssenkrupp AG  
**(11)** AU-A-2021292366  
**(21)** 2021292366 **(22)** 10.06.2021  
**(54)** Floating or submersible body for acoustic position finding, in particular for demining activities  
**(51)** Int. Cl.  
**B63G 7/08** ( 2006.01 )  
**B63G 8/00** ( 2006.01 )  
**(87)** WO2021/254874  
**(31)** 10 2020 116 238.3 **(32)** 19.06.20 **(33)** DE  
**(43)** 23.12.2021  
**(72)** HÜCKING, Christian; ENGEL, Robert  
**(74)** Griffith Hack
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- (71)** Aulos Bioscience, Inc  
**(11)** AU-A-2021221287  
**(21)** 2021221287 **(22)** 15.02.2021  
**(54)** Engineered anti-IL-2 antibodies  
**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
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**A61P 31/12** ( 2006.01 )  
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**(74)** Griffith Hack
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**(54)** Cell  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 9/16** ( 2006.01 )  
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**(72)** CORDOBA, Shaun; PULÉ, Martin; BALDAN, Vania; NICHOLSON, Alex  
**(74)** Pairman IP
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- (71)** AVALON BIOMEDICAL (MANAGEMENT) LIMITED  
**(11)** AU-A-2020441251  
**(21)** 2020441251 **(22)** 28.11.2020  
**(54)** Disinfection system  
**(51)** Int. Cl.  
**A61L 2/24** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )  
**B25J 9/16** ( 2006.01 )  
**(87)** WO2021/206772  
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**(72)** CHAN, Johnny Yat Ming; HO, Wai Hong; LAU, Johnson Yiu-Nam  
**(74)** RnB IP Pty Ltd
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- (71)** Avanti Materials Ltd  
**(11)** AU-A-2021217501  
**(21)** 2021217501 **(22)** 05.02.2021  
**(54)** Recovery of vanadium from alkaline slag materials  
**(51)** Int. Cl.  
**C22B 34/22** ( 2006.01 )  
**C01G 31/00** ( 2006.01 )  
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**(43)** 12.08.2021  
**(72)** ROBINSON, David; URBANI, Mark Daniel  
**(74)** WRAYS PTY LTD
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**(11)** AU-A-2020426470  
**(21)** 2020426470 **(22)** 27.12.2020  
**(54)** Apparatus for putting a glove on a palm hand  
**(51)** Int. Cl.  
**A61B 42/50** ( 2016.01 )  
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**A61B 42/10** ( 2016.01 )  
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 (74) A.P.T. Patent and Trade Mark Attorneys
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 (21) 2021218540 (22) 09.02.2021  
 (54) Determination of radar cross sections of objects  
 (51) Int. Cl.  
 G01S 7/02 ( 2006.01 )  
 G01S 7/292 ( 2006.01 )  
 G01S 7/40 ( 2006.01 )  
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 G01S 13/12 ( 2006.01 )  
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 (72) PETRUS, Adam Thomas  
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- (71) BAE Systems PLC  
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 (54) Improvements relating to ammunition  
 (51) Int. Cl.  
 F42B 12/80 ( 2006.01 )  
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 F42B 5/295 ( 2006.01 )  
 F42B 33/14 ( 2006.01 )  
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 (72) BESWICK, Thomas Lloyd; PENNELL, Ian John  
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- (71) Bar, H.  
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 (21) 2021373379 (22) 18.11.2021  
 (54) Unmanned aerial spraying system  
 (51) Int. Cl.  
 B64C 39/02 ( 2006.01 )  
 A62C 3/02 ( 2006.01 )  
 (87) WO2022/097125  
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 (72) BAR, Hagay  
 (74) Southern Cross Intellectual Property Limited
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- (71) Bard Peripheral Vascular, Inc.  
 (11) AU-A-2021207689  
 (21) 2021207689 (22) 15.01.2021  
 (54) A catheter insertion tool  
 (51) Int. Cl.  
 A61M 25/01 ( 2006.01 )  
 A61M 25/06 ( 2006.01 )  
 A61M 39/02 ( 2006.01 )  
 A61M 39/06 ( 2006.01 )  
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 (72) ZIMMER, Brian; DARLEY, Jonathan  
 (74) FB Rice Pty Ltd
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- (71) Baxter International Inc.; Baxter Healthcare SA  
 (11) AU-A-2021233893  
 (21) 2021233893 (22) 11.03.2021  
 (54) Daptomycin formulations containing a combination of sorbitol and mannitol  
 (51) Int. Cl.  
 A61K 9/00 ( 2006.01 )  
 A61K 9/19 ( 2006.01 )  
 A61K 31/00 ( 2006.01 )  
 A61K 47/26 ( 2006.01 )  
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 (74) K&L Gates
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 (11) AU-A-2021217111  
 (21) 2021217111 (22) 01.02.2021  
 (54) Pharmaceutical composition containing regorafenib and a stabilizing agent  
 (51) Int. Cl.  
 A61K 9/14 ( 2006.01 )  
 A61K 9/20 ( 2006.01 )  
 A61K 9/28 ( 2006.01 )  
 A61K 31/44 ( 2006.01 )  
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 (72) MÜLLER, Martin Günter; HOHEISEL, Werner  
 (74) Davies Collison Cave Pty Ltd
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 (21) 2021231312 (22) 05.03.2021  
 (54) Imidazotriazines acting on cancer via inhibition of CDK12  
 (51) Int. Cl.  
 A61P 35/00 ( 2006.01 )  
 A61K 31/53 ( 2006.01 )  
 C07D 487/04 ( 2006.01 )  
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 (31) 20161681.0 (32) 06.03.20 (33) EP  
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 (54) Pharmaceutical composition for controlling parasites on non-human organisms  
 (51) Int. Cl.  
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- (71) Becton, Dickinson and Company  
 (11) AU-A-2021209593  
 (21) 2021209593 (22) 12.01.2021  
 (54) Anti-thrombogenic catheter assembly  
 (51) Int. Cl.  
 A61M 25/00 ( 2006.01 )  
 A61L 29/00 ( 2006.01 )  
 A61M 25/06 ( 2006.01 )  
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 (72) SCHERICH, Megan; MA, Yiping; BAI, He; BURKHOLZ, Jonathan Karl; ZHANG, Hua; HARDING, Weston F.; BLANCHARD, Curtis H.  
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 (11) AU-A-2021209834  
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 (54) Plunger-based delivery device to introduce guidewire into catheter  
 (51) Int. Cl.  
 A61M 25/09 ( 2006.01 )  
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- (71) Becton, Dickinson and Company  
 (11) AU-A-2021210835  
 (21) 2021210835 (22) 12.01.2021  
 (54) Blood collection adapter and related devices to reduce hemolysis  
 (51) Int. Cl.  
 A61B 5/15 ( 2006.01 )  
 A61B 5/153 ( 2006.01 )  
 A61B 5/154 ( 2006.01 )  
 (87) WO2021/150399  
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- (54) Apparatus and method to join a coupler and flow tube in an ultrasonic flow meter
- (51) Int. Cl.  
*G01F 1/66* ( 2006.01 )
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(72) VERMA, Kaushal  
(74) FB Rice Pty Ltd
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- (71) Becton, Dickinson and Company  
(11) AU-A-2021211372  
(21) 2021211372 (22) 12.01.2021  
(54) Catheter having dedicated blood collection port and related methods
- (51) Int. Cl.  
*A61B 5/15* ( 2006.01 )  
*A61B 5/154* ( 2006.01 )
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(11) AU-A-2021211453  
(21) 2021211453 (22) 21.01.2021  
(54) System and device for drug preparation
- (51) Int. Cl.  
*A61J 1/20* ( 2006.01 )  
*A61J 1/22* ( 2006.01 )
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(74) FB Rice Pty Ltd
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(11) AU-A-2021212614  
(21) 2021212614 (22) 20.01.2021  
(54) Pump with pumping chamber created by telescoping action driven by friction
- (51) Int. Cl.  
*A61M 5/145* ( 2006.01 )  
*A61M 1/00* ( 2006.01 )  
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*A61M 5/14* ( 2006.01 )  
*G01F 1/36* ( 2006.01 )  
*G01F 1/38* ( 2006.01 )
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(43) 05.08.2021  
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(54) Integrated intravenous catheter having a side port for facilitating blood draw
- (51) Int. Cl.  
*A61M 5/14* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )
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- (71) Becton, Dickinson and Company  
(11) AU-A-2021213058  
(21) 2021213058 (22) 20.01.2021  
(54) Valve shaft pump with coordinated pumping and valving operations
- (51) Int. Cl.  
*A61M 5/145* ( 2006.01 )  
*A61M 5/14* ( 2006.01 )  
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*F04B 9/04* ( 2006.01 )
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(54) Rotating luer connector
- (51) Int. Cl.  
*A61M 39/10* ( 2006.01 )  
*A61M 39/24* ( 2006.01 )  
*A61M 39/26* ( 2006.01 )
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(11) AU-A-2021213724  
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(54) Flow sensor system
- (51) Int. Cl.  
*A61M 5/168* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )  
*G01F 1/11* ( 2006.01 )  
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(11) AU-A-2021214052  
(21) 2021214052 (22) 27.01.2021  
(54) Flow sensor system
- (51) Int. Cl.  
*A61M 5/14* ( 2006.01 )  
*A61M 1/36* ( 2006.01 )
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- (71) Becton, Dickinson and Company  
(11) AU-A-2021214054  
(21) 2021214054 (22) 27.01.2021  
(54) Flow sensor system
- (51) Int. Cl.  
*A61B 5/117* ( 2016.01 )  
*A61M 5/168* ( 2006.01 )  
*G16H 10/60* ( 2018.01 )
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(31) 62/966,291 (32) 27.01.20 (33) US  
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(11) AU-A-2021214752  
(21) 2021214752 (22) 14.01.2021  
(54) Self-activating catheter insertion site dressing
- (51) Int. Cl.  
*A61L 15/28* ( 2006.01 )  
*A61K 9/70* ( 2006.01 )  
*A61L 15/32* ( 2006.01 )  
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*A61L 15/44* ( 2006.01 )
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**C12N 15/113** ( 2010.01 )
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*G05D 23/19* ( 2006.01 )  
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*A61N 1/04* ( 2006.01 )  
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*C12M 1/42* ( 2006.01 )  
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C07D 249/04 (2006.01)  
A61K 31/4192 (2006.01)  
A61P 13/00 (2006.01)  
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B01D 53/86 (2006.01)  
B01J 29/072 (2006.01)  
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A61K 39/395 (2006.01)  
A61K 45/00 (2006.01)  
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C07K 16/28 (2006.01)  
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G06F 21/36 (2013.01)  
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H04L 9/32 (2006.01)  
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F02D 41/00 (2006.01)  
F02B 1/12 (2006.01)  
F02D 19/06 (2006.01)  
F02D 41/30 (2006.01)  
F02D 41/40 (2006.01)  
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A01F 15/08 (2006.01)  
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(11) AU-A-2021210817  
(21) 2021210817 (22) 19.01.2021  
(54) Apparatus and method for preparing metal matrix composites  
(51) Int. Cl.  
*F27D 27/00* (2010.01 )  
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(72) LIANG, Daniel Dong; YAN, Shiqin; KEL-LAM, Michael  
(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2021217696 (22) 03.02.2021  
(54) Chemical treatment for preparing metal electrodes  
(51) Int. Cl.  
*H01M 4/139* (2010.01 )  
*H01M 4/04* (2006.01 )  
*H01M 10/052* (2010.01 )  
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(72) BEST, Adam; COLLIS, Gavin  
(74) FB Rice Pty Ltd
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- (71) Consejo Superior De Investigaciones Cientificas (CSIC); Instytut Chemii Fizycznej; The University Of Liverpool  
(11) AU-A-2021214870  
(21) 2021214870 (22) 02.02.2021  
(54) System and method for obtaining bio-mechanical parameters of ocular tissue through deformation of the ocular tissue  
(51) Int. Cl.  
*A61B 3/10* (2006.01 )  
*A61B 3/107* (2006.01 )  
*A61B 3/16* (2006.01 )  
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(31) 20382067.5 (32) 02.02.20 (33) EP  
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) ContraFect Corporation  
(11) AU-A-2021214163  
(21) 2021214163 (22) 28.01.2021  
(54) Lysin-antimicrobial peptide (AMP) polypeptide constructs, lysins, isolated polynucleotides encoding same and uses thereof  
(51) Int. Cl.  
*A61K 38/07* (2006.01 )  
*A61K 38/47* (2006.01 )  
*A61P 31/04* (2006.01 )  
*C07K 5/10* (2006.01 )  
*C12N 9/24* (2006.01 )
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- (71) Control Components, Inc.  
(11) AU-A-2021206674  
(21) 2021206674 (22) 07.01.2021  
(54) Method of forming a three-dimensional tortuous path flow element for control valves  
(51) Int. Cl.  
*G06T 17/10* (2006.01 )  
*G06F 30/20* (2020.01 )  
*G06T 15/40* (2011.01 )  
*G06T 17/00* (2006.01 )  
*G06T 19/20* (2011.01 )  
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(74) Davies Collison Cave Pty Ltd
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(21) 2021222390 (22) 18.02.2021  
(54) An outlet valve for an ostomy appliance  
(51) Int. Cl.  
*A61F 5/44* (2006.01 )  
*A61F 5/445* (2006.01 )  
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(31) 2002314.9 (32) 19.02.20 (33) GB  
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(74) Houlihan2 Pty Ltd
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- (71) ConvaTec Limited  
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(21) 2021222393 (22) 19.02.2021  
(54) An ostomy appliance coupling assembly  
(51) Int. Cl.  
*A61F 5/44* (2006.01 )  
*A61F 5/448* (2006.01 )  
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(21) 2021223084 (22) 19.02.2021  
(54) An ostomy appliance coupling assembly  
(51) Int. Cl.  
*A61F 5/445* (2006.01 )  
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(51) Int. Cl.  
*A61F 13/00* (2006.01 )  
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(74) Houlihan2 Pty Ltd
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(54) A secondary fluid for engines  
(51) Int. Cl.  
*C10L 1/10* (2006.01 )  
*C10L 1/12* (2006.01 )  
*C10L 1/18* (2006.01 )  
*C10L 1/32* (2006.01 )  
*F02D 19/08* (2006.01 )  
*F02D 19/12* (2006.01 )  
*F02M 43/00* (2006.01 )  
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(43) 14.07.2022  
(72) GILBERTS, Murdoch  
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Cordance Medical Inc.  
(11) AU-A-2021212658  
(21) 2021212658 (22) 26.01.2021  
(54) Ultrasound transducer assembly  
(51) Int. Cl.  
*A61B 8/00* (2006.01 )  
*A61B 8/08* (2006.01 )  
*A61N 7/00* (2006.01 )  
(87) WO2021/154730  
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(72) RAMAMURTHY, Bhaskar S.; NEED, Daniel E.; MARSHALL, John D.; HOFIUS, Jonathan B.; KERALAPURA, Mallika S.  
(74) James & Wells Intellectual Property
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- (71) Cordio Medical Ltd.  
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(21) 2021229663 (22) 21.02.2021  
(54) Diagnosis of medical conditions using voice recordings and auscultation  
(51) Int. Cl.  
*A61B 5/00* (2006.01 )

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**G10L 25/51** ( 2013.01 )  
**G10L 25/66** ( 2013.01 )  
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**(43)** 10.09.2021  
**(72)** SHALLOM, Ilan  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Crayola LLC  
**(11)** AU-A-2021220771  
**(21)** 2021220771 **(22)** 10.02.2021  
**(54)** Color-transfer wicking art kit  
**(51)** Int. Cl.  
**A41G 1/00** ( 2006.01 )  
**B05D 5/00** ( 2006.01 )  
**B05D 5/06** ( 2006.01 )  
**B44D 3/00** ( 2006.01 )  
**B44D 3/22** ( 2006.01 )  
**B44F 5/00** ( 2006.01 )  
**B44F 7/00** ( 2006.01 )  
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**(72)** HENRY, Robert J.; JOHNSON, Regan;  
 KESILMAN, Jennifer; ZELACHOWSKI,  
 Scott  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
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- (71)** CRISPR Therapeutics AG  
**(11)** AU-A-2021221277  
**(21)** 2021221277 **(22)** 10.02.2021  
**(54)** Anti-idiotype antibodies targeting anti-  
 CD19 chimeric antigen receptor  
**(51)** Int. Cl.  
**C07K 16/42** ( 2006.01 )  
**G01N 33/577** ( 2006.01 )  
**(87)** WO2021/161197  
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**(72)** KUMAR, Lalit  
**(74)** RnB IP Pty Ltd
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- (71)** Croda International PLC  
**(11)** AU-A-2021219975  
**(21)** 2021219975 **(22)** 15.02.2021  
**(54)** Seed coating additive  
**(51)** Int. Cl.  
**A01N 37/44** ( 2006.01 )  
**A01C 1/06** ( 2006.01 )  
**A01N 25/00** ( 2006.01 )  
**A01N 25/24** ( 2006.01 )  
**A01N 37/46** ( 2006.01 )  
**A01N 65/08** ( 2009.01 )  
**A01N 65/20** ( 2009.01 )  
**A01N 65/38** ( 2009.01 )  
**A01N 65/44** ( 2009.01 )  
**A01P 21/00** ( 2006.01 )  
**C09D 189/00** ( 2006.01 )  
**(87)** WO2021/160886  
**(31)** 2002061.6 **(32)** 14.02.20 **(33)** GB  
**(43)** 19.08.2021  
**(72)** HOFF, Barry Johannes; DOBROWOL-  
 SKA, Marta Edyta  
**(74)** Houlihan2 Pty Ltd
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- (71)** Curadev Pharma Pvt. Ltd.  
**(11)** AU-A-2021219370  
**(21)** 2021219370 **(22)** 12.02.2021  
**(54)** Small molecule STING antagonists  
**(51)** Int. Cl.  
**A61P 1/00** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/538** ( 2006.01 )  
**A61K 31/5415** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**A61P 29/00** ( 2006.01 )  
**C07D 239/80** ( 2006.01 )  
**C07D 241/42** ( 2006.01 )  
**C07D 265/36** ( 2006.01 )  
**C07D 279/16** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/04** ( 2006.01 )  
**C07D 417/06** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
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**(43)** 19.08.2021  
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 SHRIVASTAVA, Ritesh Kumar; PRYDE,  
 David Cameron; MIDDYA, Sandip Ku-  
 mar; GHOSH, Rajib; YADAV, Dhar-  
 mendra B.; SURYA, Arjun  
**(74)** HENRY HUGHES IP LTD
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- (71)** Curved Earth Designs Pty Ltd  
**(11)** AU-A-2021232204  
**(21)** 2021232204 **(22)** 11.02.2021  
**(54)** Automotive awning system  
**(51)** Int. Cl.  
**B60J 3/00** ( 2006.01 )  
**B60J 1/20** ( 2006.01 )  
**(87)** WO2021/174288  
**(31)** 2020900627 **(32)** 03.03.20 **(33)** AU  
**(43)** 10.09.2021  
**(72)** BERNDT, Timothy; KIRKHAM, Lee  
**(74)** Patenteur Pty Ltd
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- (71)** Dailycolors Health Inc.  
**(11)** AU-A-2021216555  
**(21)** 2021216555 **(22)** 04.02.2021  
**(54)** Compositions and methods for nutri-  
 tional supplements  
**(51)** Int. Cl.  
**A61K 36/185** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )  
**A61K 36/45** ( 2006.01 )  
**A61K 36/73** ( 2006.01 )  
**A61K 36/81** ( 2006.01 )  
**A61K 36/87** ( 2006.01 )  
**A61K 36/8962** ( 2006.01 )  
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 63/010,183 15.04.20 US  
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**(43)** 12.08.2021  
**(72)** POND, Hartley  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd
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- (71)** Dana-Farber Cancer Institute, Inc.  
**(11)** AU-A-2021205834  
**(21)** 2021205834 **(22)** 06.01.2021  
**(54)** Cyano-pyrimidine inhibitors of EGFR/  
 HER2  
**(51)** Int. Cl.  
**A61K 31/4965** ( 2006.01 )  
**C07D 241/20** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
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**(72)** GRAY, Nathanael S.; HATCHER, John  
 M.  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Danmarks Tekniske Universitet  
**(11)** AU-A-2021220302  
**(21)** 2021220302 **(22)** 12.02.2021  
**(54)** Nisin-permeabilized microbial cell cata-  
 lysts  
**(51)** Int. Cl.  
**C12N 1/00** ( 2006.01 )  
**A23C 9/12** ( 2006.01 )  
**A23C 21/02** ( 2006.01 )  
**C12P 19/02** ( 2006.01 )  
**C12P 19/14** ( 2006.01 )  
**(87)** WO2021/160832  
**(31)** 20157131.2 **(32)** 13.02.20 **(33)** EP  
**(43)** 19.08.2021  
**(72)** SOLEM, Christian; WANG, Qi;  
 JENSEN, Peter Ruhdal; ZHAO, Ge;  
 LIU, Jianming; DORAU, Robin  
**(74)** Spruson & Ferguson
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- (71)** Deep Brain Stimulation Technologies  
 Pty Ltd  
**(11)** AU-A-2021210818  
**(21)** 2021210818 **(22)** 21.01.2021  
**(54)** Systems and methods for monitoring  
 neural activity  
**(51)** Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/378** ( 2006.01 )  
**(87)** WO2021/146774  
**(31)** 2020900195 **(32)** 24.01.20 **(33)** AU  
**(43)** 29.07.2021  
**(72)** SINCLAIR, Nicholas; MCDERMOTT,  
 Hugh; THEVATHASAN, Arthur Wesley;  
 FALLON, James  
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- (71)** Deere & Company  
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 (51) Int. Cl.  
*H01Q 21/24* ( 2006.01 )  
*H01Q 19/28* ( 2006.01 )  
*H01Q 21/30* ( 2006.01 )  
*H01Q 25/04* ( 2006.01 )  
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 (72) RENTZ, Mark L.  
 (74) Davies Collison Cave Pty Ltd
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- (71) DePuy Ireland Unlimited Company  
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 (54) Surgical instrument bolt  
 (51) Int. Cl.  
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 (11) AU-A-2021212386  
 (21) 2021212386 (22) 29.01.2021  
 (54) System for the loading and implanting of shape memory implants  
 (51) Int. Cl.  
*A61B 17/064* ( 2006.01 )  
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 (51) Int. Cl.  
*A61K 31/352* ( 2006.01 )  
*A61K 8/9783* ( 2017.01 )  
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*A61P 17/00* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
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 (72) FLORIO, Heather  
 (74) Adams Pluck
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 (54) End of life detection for analyte sensors experiencing progressive sensor decline  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
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- G01M 99/00* ( 2011.01 )  
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- (71) Diadem Biotherapeutics Inc.  
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 (54) Artificial synapses  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
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*C07K 14/705* ( 2006.01 )  
*C12N 15/88* ( 2006.01 )  
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 (72) PENTECOST, Mickey; BARTKOWSKI, Wojciech  
 (74) FPA Patent Attorneys Pty Ltd
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 (54) Orthopedic shoulder-immobilizing apparatus  
 (51) Int. Cl.  
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 (74) AJ PARK
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 (11) AU-A-2021213725  
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 (54) Polyurethane foams for comfort applications  
 (51) Int. Cl.  
*C08G 18/12* ( 2006.01 )  
*C08G 18/32* ( 2006.01 )  
*C08G 18/40* ( 2006.01 )  
*C08G 18/48* ( 2006.01 )  
*C08G 18/63* ( 2006.01 )  
*C08G 18/66* ( 2006.01 )  
*C08G 18/76* ( 2006.01 )  
*C08K 5/54* ( 2006.01 )  
*C08L 75/08* ( 2006.01 )  
*C09K 5/06* ( 2006.01 )  
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 (31) 62/968,185 (32) 31.01.20 (33) US  
 (43) 05.08.2021  
 (72) SRIVASTAVA, Yasmin; KOONCE, William A.; SHERIDAN, Philip H.; GAMBOA, Rogelio  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Dow Global Technologies LLC; Rohm and Haas Company  
 (11) AU-A-2021214056  
 (21) 2021214056 (22) 27.01.2021
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- (54) Coated polyurethane foams  
 (51) Int. Cl.  
*C09D 133/08* ( 2006.01 )  
*C08J 9/00* ( 2006.01 )  
*C08J 9/36* ( 2006.01 )  
*C09D 5/02* ( 2006.01 )  
*C09D 7/40* ( 2018.01 )  
*C09D 7/61* ( 2018.01 )  
*C09D 7/63* ( 2018.01 )  
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 (31) 62/968,193 (32) 31.01.20 (33) US  
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 (72) SRIVASTAVA, Yasmin N.; YU, Xindi; KHAN, Irfan; GAMBOA, Rogelio; GARCIA, Saul  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Duke University  
 (11) AU-A-2021216593  
 (21) 2021216593 (22) 01.04.2021  
 (54) Compositions and methods for circular RNA expression  
 (51) Int. Cl.  
*C12N 15/11* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
*C12N 15/79* ( 2006.01 )  
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 (31) 62/969,758 (32) 04.02.20 (33) US  
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 (72) ASOKAN, Aravind; MEGANCK, Rita  
 (74) Spruson & Ferguson
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- (71) DuPont Safety & Construction, Inc.  
 (11) AU-A-2021284247  
 (21) 2021284247 (22) 01.06.2021  
 (54) Animal toy or blanket  
 (51) Int. Cl.  
*B32B 5/02* ( 2006.01 )  
*A01K 1/035* ( 2006.01 )  
*A01K 15/02* ( 2006.01 )  
*B32B 3/04* ( 2006.01 )  
*B32B 3/06* ( 2006.01 )  
*B32B 5/06* ( 2006.01 )  
*B32B 5/26* ( 2006.01 )  
*B32B 7/05* ( 2019.01 )  
*B32B 7/09* ( 2019.01 )  
*B32B 7/12* ( 2006.01 )  
 (87) WO2021/247461  
 (31) 63/033,498 (32) 02.06.20 (33) US  
 (43) 09.12.2021  
 (72) BADER, Yves; GINDI, Kevin  
 (74) Houlihan2 Pty Ltd
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- (71) Durect Corporation; Virginia Commonwealth University  
 (11) AU-A-2021221109  
 (21) 2021221109 (22) 10.02.2021  
 (54) Treatment of infectious diseases  
 (51) Int. Cl.  
*A61K 31/573* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
 (87) WO2021/163199  
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- (71) DX Tech Pty Ltd  
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 (51) Int. Cl.  
**G01R 31/08** ( 2020.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Canister assembly with protected cap well and booster explosive comprising the same  
 (51) Int. Cl.  
**F42B 3/08** ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.  
**F16J 3/06** ( 2006.01 )  
**F15B 15/10** ( 2006.01 )  
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- (71) Eisana Corporation  
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 (54) System and method for mitigating side effects of chemotherapy  
 (51) Int. Cl.  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Elanco Animal Health Incorporated; Elanco Tiergesundheits AG  
 (11) AU-A-2021216462  
 (21) 2021216462 (22) 05.02.2021  
 (54) Winged capsule  
 (51) Int. Cl.  
**A61D 7/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
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 (21) 2021236193 (22) 04.03.2021  
 (54) Household appliance with acceleration detection and/or measuring means and control unit and method for controlling a household appliance  
 (51) Int. Cl.  
**H05B 1/02** ( 2006.01 )  
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 (51) Int. Cl.  
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 (72) WASINKIEWICZ, Lukasz; NEUKAMM, Alwin  
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 (72) INGARGIOLA, Paolo; SEDRANI, Michele; CRISTIANO, Francesco; COVRE, Pier Luigi  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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*A61M 5/00* ( 2006.01 )  
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 (72) ARNETT, Jaime Ray  
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 (54) Resin reactors in series peptide synthesizer  
 (51) Int. Cl.  
*C07K 1/04* ( 2006.01 )  
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 (11) AU-A-2021253507  
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 (54) System and method for manufacturing and assembling packaged electronic modules  
 (51) Int. Cl.  
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*G06K 19/077* ( 2006.01 )  
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 (72) LALO, Cyril; POCHIC, Sebastien; ES-SEBAG, Jacques  
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 (51) Int. Cl.  
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 (74) WRAYS PTY LTD
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 (11) AU-A-2021211415  
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 (51) Int. Cl.  
*B66C 1/54* ( 2006.01 )  
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 (74) FB Rice Pty Ltd
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 (54) Device and apparatus  
 (51) Int. Cl.  
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 (54) Determining spacing between wellbores  
 (51) Int. Cl.  
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 (54) Efficient process for manufacturing bionutritional compositions for plants and soils  
 (51) Int. Cl.  
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*C05F 17/20* ( 2020.01 )  
*C05F 17/40* ( 2020.01 )  
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 (54) Wear member  
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 (74) Minter Ellison
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- (71) Evive Biotechnology (Shanghai) Ltd  
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 (54) Methods for prevention or treatment of virus-induced organ injury or failure with IL-22 dimer  
 (51) Int. Cl.  
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*A61P 31/12* ( 2006.01 )  
*C07K 14/54* ( 2006.01 )  
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 (74) AJ PARK
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- (71) Expro North Sea Limited  
 (11) AU-A-2021226688  
 (21) 2021226688 (22) 09.02.2021  
 (54) Tubing assembly for use in wellbore and method of running tubing in a wellbore  
 (51) Int. Cl.  
*E21B 47/017* ( 2012.01 )  
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*E21B 47/12* ( 2012.01 )  
*E21B 49/00* ( 2006.01 )  
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 (72) BEALE, Stephen James  
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- (71) EyeTracking LLC  
 (11) AU-A-2021248744  
 (21) 2021248744 (22) 08.02.2021  
 (54) Evaluation of a person or system through measurement of physiological data  
 (51) Int. Cl.  
*G16H 20/70* ( 2018.01 )  
*A61B 5/16* ( 2006.01 )  
*G16H 40/67* ( 2018.01 )  
*G16H 50/20* ( 2018.01 )  
*G16H 50/30* ( 2018.01 )  
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 (54) Systems and methods for network monitoring, reporting, and risk mitigation  
 (51) Int. Cl.  
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 (72) LOSCHMANN, Andrew  
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 (51) Int. Cl.  
**G06N 99/00** ( 2019.01 )  
**G06N 7/00** ( 2006.01 )  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) FMC Corporation  
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 (21) 2021213184 (22) 29.01.2021  
 (54) Pyridine compounds for controlling invertebrate pests  
 (51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
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**A01N 43/56** ( 2006.01 )  
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**C07D 401/14** ( 2006.01 )  
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 (54) Compounds and uses thereof  
 (51) Int. Cl.  
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**C07D 277/20** ( 2006.01 )  
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 (51) Int. Cl.  
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 (54) Compounds and uses thereof  
 (51) Int. Cl.  
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 (54) Hidden rail damper  
 (51) Int. Cl.  
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 (54) Sinusoidal tubular conducting busbar  
 (51) Int. Cl.  
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 (72) FRANCISQUINI, Melquisedec  
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 (11) AU-A-2021213956  
 (21) 2021213956 (22) 28.01.2021  
 (54) Improved assay for determining neutralising antibody titre to a viral vektor  
 (51) Int. Cl.  
**A61K 35/76** ( 2015.01 )  
**C12N 15/86** ( 2006.01 )  
**C12Q 1/66** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )
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 (54) Insulin derivative  
 (51) Int. Cl.  
**C07K 14/62** ( 2006.01 )  
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**A61P 3/10** ( 2006.01 )  
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 (54) Method for calibrating a bioimpedance measuring device, and medical devices  
 (51) Int. Cl.  
**A61B 5/053** ( 2021.01 )  
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 (31) 16/734,921 (32) 06.01.20 (33) US  
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 (74) Davies Collison Cave Pty Ltd
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 (54) A method for generating a 3D model  
 (51) Int. Cl.  
**G06T 15/04** ( 2011.01 )  
**G06T 17/20** ( 2006.01 )  
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 (11) AU-A-2021206242  
 (21) 2021206242 (22) 08.01.2021  
 (54) Macrocyclic chelates and uses thereof  
 (51) Int. Cl.  
**A61K 51/04** ( 2006.01 )  
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- (71) Gan & Lee Pharmaceuticals Co., Ltd.  
 (11) AU-A-2020418207  
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 (54) Long-acting GLP-1 compound  
 (51) Int. Cl.  
*C07K 14/605* ( 2006.01 )  
*A61K 38/26* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
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 (72) GAN, Zhongru; CHEN, Wei; ZHANG, Yining; XUE, Fangkai; CAI, Lingyu; NIU, Jianghong; MU, Bin  
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- (71) Gasherbrum Bio, Inc.  
 (11) AU-A-2021216324  
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 (54) Heterocyclic GLP-1 agonists  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
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 (51) Int. Cl.  
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 A61B 5/00 (2006.01)  
 A61B 5/145 (2006.01)  
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 A61B 5/00 (2006.01)  
 A61K 6/25 (2020.01)  
 A61K 49/00 (2006.01)  
 G01N 21/64 (2006.01)  
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 H04L 12/28 (2006.01)  
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 A61P 35/00 (2006.01)  
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 C12Q 1/68 (2018.01)  
 C12N 9/22 (2006.01)  
 C12N 15/10 (2006.01)  
 C12N 15/11 (2006.01)  
 C40B 40/08 (2006.01)  
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 G06K 9/00 (2006.01)  
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*B32B 13/12* (2006.01)  
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*C04B 41/61* (2006.01)  
*C04B 41/63* (2006.01)  
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*E01D 22/00* (2006.01)  
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*A21D 10/04* (2006.01)  
*A23L 33/17* (2016.01)
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 derivative and its use in paper industry  
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*D21H 11/18* (2006.01)  
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*A61F 13/494* (2006.01)  
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 ported on hexagonal support, and pre-  
 paration method therefor  
 (51) Int. Cl.  
*B01J 35/02* (2006.01)  
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*B01J 23/46* (2006.01)  
*B01J 27/24* (2006.01)  
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**B26D 1/28** (2006.01 )  
**B26D 3/11** (2006.01 )  
**B26D 7/06** (2006.01 )  
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**F16C 17/26** (2006.01 )  
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**F16L 25/12** (2006.01 )  
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**A61F 2/02** (2006.01 )  
**A61F 2/92** (2013.01 )  
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**C07K 16/10** (2006.01 )  
**A61P 31/18** (2006.01 )  
**G01N 33/53** (2006.01 )  
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**C21D 1/09** (2006.01 )  
**B23K 26/06** (2014.01 )  
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**B23K 26/12** (2014.01 )  
**B23K 26/352** (2014.01 )  
**C21D 1/34** (2006.01 )  
**C21D 1/38** (2006.01 )  
**C21D 1/62** (2006.01 )  
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**F27D 7/06** (2006.01 )  
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**C12N 15/63** (2006.01 )  
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**H04N 19/157** (2014.01 )  
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**F25D 23/06** (2006.01 )  
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**H01M 10/613** (2014.01 )  
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**A61K 31/70** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07H 15/00** ( 2006.01 )  
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 (51) Int. Cl.  
**C04B 28/06** ( 2006.01 )  
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**C09K 8/42** ( 2006.01 )  
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**E21B 33/13** ( 2006.01 )  
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**F24S 10/30** ( 2018.01 )  
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**F02C 6/16** ( 2006.01 )  
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**B65G 53/24** ( 2006.01 )  
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 A61B 5/08 ( 2006.01 )  
 A61B 5/083 ( 2006.01 )  
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 G01N 33/00 ( 2006.01 )  
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 C08J 5/12 ( 2006.01 )  
 C08K 5/00 ( 2006.01 )  
 C09J 5/04 ( 2006.01 )  
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**A61K 35/17** ( 2015.01 )  
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**G01N 33/68** ( 2006.01 )  
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**H04N 7/18** ( 2006.01 )  
**G06F 21/32** ( 2013.01 )  
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**A24D 1/20** ( 2020.01 )  
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**B61K 7/20** ( 2006.01 )  
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**G05D 16/06** ( 2006.01 )
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- (71) Nevro Corp.  
(11) AU-A-2021215702  
(21) 2021215702 (22) 27.01.2021  
(54) Neurological stimulation lead anchors and associated tools, and methods
- (51) Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61B 17/28** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )
- (87) WO2021/158408  
(31) 16/780,502 (32) 03.02.20 (33) US  
(43) 12.08.2021  
(72) WONG, Mark Steven  
(74) RnB IP Pty Ltd
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- (71) NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd  
(11) AU-A-2021206366  
(21) 2021206366 (22) 11.01.2021  
(54) Fuel cell catalysts and stack
- (51) Int. Cl.  
**H01M 4/90** ( 2006.01 )  
**H01M 8/0258** ( 2016.01 )  
**H01M 8/0267** ( 2016.01 )  
**H01M 8/0271** ( 2016.01 )
- (87) WO2021/138724  
(31) 2020900074 (32) 11.01.20 (33) AU  
(43) 15.07.2021  
(72) ZHAO, Chuan; ZENG, Yachao; MEYER, Quentin; GONDOSISWANTO, Richard; LIU, Shiyang  
(74) Spruson & Ferguson
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- (71) NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd  
(11) AU-A-2021206375  
(21) 2021206375 (22) 08.01.2021  
(54) Catalyst
- (51) Int. Cl.

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

**B61C 3/00** ( 2006.01 )  
**H02S 40/10** ( 2014.01 )  
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**(31)** 16/777,058 **(32)** 30.01.20 **(33)** US  
**(43)** 05.08.2021  
**(72)** EITELHUBER, Georg Robert  
**(74)** Patenteur Pty Ltd

**(71)** Norsk Hydro ASA  
**(11)** AU-A-2021236265  
**(21)** 2021236265 **(22)** 09.03.2021  
**(54)** Method and system for long-term management of bauxite mining tailings  
**(51)** Int. Cl.  
**E21C 41/32** ( 2006.01 )  
**(87)** WO2021/180689  
**(31)** 20200292 **(32)** 11.03.20 **(33)** NO  
**(43)** 16.09.2021  
**(72)** DA COSTA, Raphael Vieira; NEVES, Carlos Eduardo; FONSECA, Evilmar José Da; CATALDI, Paschoal; CIPRIANI, Bruno Lisboa; CASTILHO, Breno De Matos  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Northann Building Solutions LLC  
**(11)** AU-A-2021205306  
**(21)** 2021205306 **(22)** 11.01.2021  
**(54)** Decorative surface covering element, surface covering element covering, and method of producing such a decorative surface covering element  
**(51)** Int. Cl.  
**E04F 13/08** ( 2006.01 )  
**B32B 3/00** ( 2006.01 )  
**E04F 13/18** ( 2006.01 )  
**E04F 15/02** ( 2006.01 )  
**E04F 15/10** ( 2006.01 )  
**(87)** WO2021/140492  
**(31)** 2024631 **(32)** 09.01.20 **(33)** NL  
**(43)** 15.07.2021  
**(72)** LI, Lin  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Northann Building Solutions LLC  
**(11)** AU-A-2021206145  
**(21)** 2021206145 **(22)** 11.01.2021  
**(54)** Panel, in particular a floor panel, ceiling panel or wall panel, and use of an additional layer in a laminated multi-layer structure of a panel  
**(51)** Int. Cl.  
**C08G 18/40** ( 2006.01 )  
**B32B 27/40** ( 2006.01 )  
**C08G 18/42** ( 2006.01 )  
**C08G 18/48** ( 2006.01 )  
**C08G 18/76** ( 2006.01 )  
**C08K 3/013** ( 2018.01 )  
**E04F 13/077** ( 2006.01 )  
**E04F 15/00** ( 2006.01 )  
**(87)** WO2021/140493  
**(31)** 2024632 **(32)** 09.01.20 **(33)** NL  
**(43)** 15.07.2021  
**(72)** LI, Lin  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Novartis AG  
**(11)** AU-A-2021215893  
**(21)** 2021215893 **(22)** 29.01.2021  
**(54)** CHO cell expressing IL-15 heterodimers  
**(51)** Int. Cl.  
**C07K 14/54** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/715** ( 2006.01 )  
**(87)** WO2021/156720  
**(31)** 62/970,485 **(32)** 05.02.20 **(33)** US  
**(43)** 12.08.2021  
**(72)** GABRIEL, Richard; JOSTOCK, Thomas; JOZEF CZUK, Justyna; LOHRIG, Urs Ulrich; PONS, Alexandre Aurélien  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Novocure GmbH  
**(11)** AU-A-2021261745  
**(21)** 2021261745 **(22)** 21.04.2021  
**(54)** Using alternating electric fields to increase permeability of the blood brain barrier  
**(51)** Int. Cl.  
**A61N 1/32** ( 2006.01 )  
**(87)** WO2021/214693  
**(31)** 63/015,099 **(32)** 24.04.20 **(33)** US  
**(43)** 63/071,748 28.08.20 US  
**(43)** 28.10.2021  
**(72)** HAGEMANN, Carsten; LOHR, Mario; KESSLER, Almuth F.; BUREK, Malgorzata; FORSTER, Carola; BRAMI, Catherine; HERSHKOVICH, Hadas Sara; VOLOSHIN-SELA, Tali  
**(74)** AJ PARK

**(71)** NTT DOCOMO, INC.  
**(11)** AU-A-2021225572  
**(21)** 2021225572 **(22)** 24.02.2021  
**(54)** Terminal and communication method  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**H04W 4/40** ( 2018.01 )  
**H04W 28/04** ( 2009.01 )  
**H04W 92/18** ( 2009.01 )  
**(87)** WO2021/172339  
**(31)** 2020-034376 **(32)** 28.02.20 **(33)** JP  
**(43)** 02.09.2021  
**(72)** YOSHIOKA, Shohei; NAGATA, Satoshi  
**(74)** Spruson & Ferguson

**(71)** Nuclera Nucleics Ltd  
**(11)** AU-A-2021220690  
**(21)** 2021220690 **(22)** 15.02.2021  
**(54)** Methods for cell-free protein expression  
**(51)** Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**(87)** WO2021/161048  
**(31)** 2002077.2 **(32)** 14.02.20 **(33)** GB  
**(43)** 19.08.2021  
**(72)** CHEN, Michael Chun Hao; CHEN, Si-hong; DULSON, Christopher; KALSI, Sumit; MCINROY, Gordon Ross; REIKINE, Stephanie  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Obsidian Therapeutics, Inc.  
**(11)** AU-A-2021205416  
**(21)** 2021205416 **(22)** 08.01.2021  
**(54)** Compositions and methods for tunable regulation of transcription  
**(51)** Int. Cl.  
**C07K 14/435** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
**C12N 15/62** ( 2006.01 )  
**(87)** WO2021/142376  
**(31)** 62/958,693 **(32)** 08.01.20 **(33)** US  
**(43)** 62/959,859 10.01.20 US  
**(43)** 15.07.2021  
**(72)** SURI, Vipin; INNIS, Mara Christine; FLEURY, Samantha  
**(74)** Griffith Hack

**(71)** OCEAN Dx  
**(11)** AU-A-2021215034  
**(21)** 2021215034 **(22)** 29.01.2021  
**(54)** Multiplex PCR method for detecting microorganisms and use thereof  
**(51)** Int. Cl.  
**C12Q 1/686** ( 2018.01 )  
**C12Q 1/6876** ( 2018.01 )  
**C12Q 1/6886** ( 2018.01 )  
**C12Q 1/6888** ( 2018.01 )  
**(87)** WO2021/152096  
**(31)** FR2000902 **(32)** 30.01.20 **(33)** FR  
**(43)** 05.08.2021  
**(72)** TARENDEAU, Franck  
**(74)** SR Intellectual Property

**(71)** Olema Pharmaceuticals, Inc.  
**(11)** AU-A-2021230588  
**(21)** 2021230588 **(22)** 05.03.2021  
**(54)** Methods of treating estrogen receptor-associated diseases  
**(51)** Int. Cl.  
**A61K 31/445** ( 2006.01 )  
**A61K 31/4523** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**C07D 471/00** ( 2006.01 )  
**C07D 471/02** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**(87)** WO2021/178846  
**(31)** 62/985,929 **(32)** 06.03.20 **(33)** US  
**(43)** 10.09.2021  
**(72)** HARMON, Cyrus L.; KUSHNER, Peter J.; MYLES, David C.; GALLAGHER, Leslie Hodges  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

**(71)** Osaka University; Mitsubishi Tanabe Pharma Corporation  
**(11)** AU-A-2021207010  
**(21)** 2021207010 **(22)** 15.01.2021  
**(54)** Prophylactic or therapeutic agent for dementia  
**(51)** Int. Cl.  
**A61K 45/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )

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**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )
- (87) WO2021/145435  
(31) 2020-004403 (32) 15.01.20 (33) JP  
(43) 22.07.2021  
(72) YAMASHITA, Toshihide; ITOKAZU, Takahide; UNO, Hiroki; ISHIDA, Hirokazu  
(74) Spruson & Ferguson
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- (71) Otsuka Pharmaceutical Factory, Inc.  
(11) AU-A-2021214124  
(21) 2021214124 (22) 20.01.2021  
(54) Method for producing pancreatic islet-containing capsule  
(51) Int. Cl.  
**A61K 35/39** ( 2015.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 47/12** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/42** ( 2017.01 )  
**A61P 3/10** ( 2006.01 )
- (87) WO2021/153365  
(31) 2020-011625 (32) 28.01.20 (33) JP  
(43) 05.08.2021  
(72) AZUMA, Koji; NISHIMURA, Masuhiro; IIZUKA, Naho; TAMURA, Hirofumi  
(74) FPA Patent Attorneys Pty Ltd
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- (71) Oxford Genetics Limited; Oxford University Innovation Limited  
(11) AU-A-2021215885  
(21) 2021215885 (22) 03.02.2021  
(54) DNA amplification method  
(51) Int. Cl.  
**C12N 15/86** ( 2006.01 )
- (87) WO2021/156611  
(31) 2001484.1 (32) 04.02.20 (33) GB  
(43) 12.08.2021  
(72) CAWOOD, Ryan; SU, Weiheng  
(74) FB Rice Pty Ltd
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- (71) Oxford Instruments Nanotechnology Tools Limited  
(11) AU-A-2021227422  
(21) 2021227422 (22) 16.02.2021  
(54) Cryogenic cooling system and an insert therefor  
(51) Int. Cl.  
**F25B 9/10** ( 2006.01 )  
**F17C 3/08** ( 2006.01 )  
**F25B 9/12** ( 2006.01 )  
**F25B 9/14** ( 2006.01 )  
**F25D 19/00** ( 2006.01 )
- (87) WO2021/170976  
(31) 2002787.6 (32) 27.02.20 (33) GB  
(43) 02.09.2021  
(72) MATTHEWS, Anthony; POOLE, Timothy; WILKINSON, Chris  
(74) FB Rice Pty Ltd
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- (71) Paige.AI, Inc.  
(11) AU-A-2020421609  
(21) 2020421609 (22) 18.12.2020  
(54) Systems and methods for analyzing electronic images for quality control  
(51) Int. Cl.  
**G16B 40/20** ( 2019.01 )  
**G16H 30/40** ( 2018.01 )
- (87) WO2021/141757  
(31) 62/957,517 (32) 06.01.20 (33) US  
(43) 15.07.2021  
(72) SUE, Jillian; YOUSFI, Razik; SCHUEFFLER, Peter; FUCHS, Thomas; GRADY, Leo  
(74) Davies Collison Cave Pty Ltd
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- (71) Paige.ai Inc  
(11) AU-A-2020421604  
(21) 2020421604 (22) 16.12.2020  
(54) Systems and methods for processing electronic images for computational assessment of disease  
(51) Int. Cl.  
**G16H 5/20** ( 2018.01 )  
**G16H 30/40** ( 2018.01 )
- (87) WO2021/141742  
(31) 62/957,523 (32) 06.01.20 (33) US  
(43) 15.07.2021  
(72) DOGDAS, Belma; KANAN, Christopher; FUCHS, Thomas; GRADY, Leo  
(74) Davies Collison Cave Pty Ltd
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- (71) Palatin Technologies, Inc.  
(11) AU-A-2021216999  
(21) 2021216999 (22) 01.02.2021  
(54) Diamine-linked receptor-specific cyclic peptides  
(51) Int. Cl.  
**A61K 38/04** ( 2006.01 )  
**A61K 38/06** ( 2006.01 )  
**A61K 38/12** ( 2006.01 )  
**C07K 5/00** ( 2006.01 )  
**C07K 5/08** ( 2006.01 )  
**C07K 5/12** ( 2006.01 )
- (87) WO2021/158463  
(31) 63/124,927 (32) 14.12.20 (33) US  
62/969,311 03.02.20 US  
(43) 12.08.2021  
(72) YANG, Wei; DODD, John H.; METZGER, Axel  
(74) Spruson & Ferguson
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- (71) Panasonic Intellectual Property Corporation of America  
(11) AU-A-2020429408  
(21) 2020429408 (22) 03.12.2020  
(54) Beam failure recovery for single DCI-based M-TRP URLLC transmissions  
(51) Int. Cl.  
**H04B 7/06** ( 2006.01 )  
**H04W 76/19** ( 2018.01 )  
**H04W 72/04** ( 2009.01 )
- (87) WO2021/167528  
(31) 10202001583T (32) 22.02.20 (33) SG  
(43) 26.08.2021  
(72) TRAN, Xuan Tuong; SUZUKI, Hide-toshi; HUANG, Lei; KOH, Tien-Ming Benjamin; KANG, Yang; NISHIO, Akihiko; OGAWA, Yoshihiko  
(74) Spruson & Ferguson
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- (71) Parker-Hannifin Corporation  
(11) AU-A-2021238275  
(21) 2021238275 (22) 08.03.2021  
(54) System and method for providing control of scavenging of waste anesthetic gas in a gas machine for anesthesia or analgesia  
(51) Int. Cl.  
**A61M 16/10** ( 2006.01 )  
**A61M 16/00** ( 2006.01 )  
**A61M 16/06** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )  
**A61M 16/20** ( 2006.01 )
- (87) WO2021/188313  
(31) 62/990,620 (32) 17.03.20 (33) US  
(43) 23.09.2021  
(72) SANGARE, Abdoulaye; WOLF, Seth B.; KORNOCK Sr., Keith  
(74) Spruson & Ferguson
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- (71) Peptinov  
(11) AU-A-2020416990  
(21) 2020416990 (22) 31.12.2020  
(54) Immunogenic conjugate intended to induce an immune response directed against interleukin-6  
(51) Int. Cl.  
**C07K 14/54** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )
- (87) WO2021/136840  
(31) 19306799.8 (32) 31.12.19 (33) EP  
(43) 08.07.2021  
(72) DESALLAIS, Lucille; SALLES, Jean-Pierre; ZAGURY, Jean-François  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Peptinov  
(11) AU-A-2020418554  
(21) 2020418554 (22) 31.12.2020  
(54) Pharmaceutical composition for the prevention or treatment of post-surgical pain  
(51) Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )
- (87) WO2021/136841  
(31) 19306800.4 (32) 31.12.19 (33) EP  
(43) 08.07.2021  
(72) AZOULAI, René; CASSARD, Xavier; SALLES, Jean-Pierre; ZAGURY, Jean-François  
(74) FPA Patent Attorneys Pty Ltd
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- (71) Phaslo Global Innovation Pty Limited  
(11) AU-A-2021216874  
(21) 2021216874 (22) 03.02.2021  
(54) Trolley  
(51) Int. Cl.  
**B64D 11/00** ( 2006.01 )  
**B65D 81/38** ( 2006.01 )
- (87) WO2021/156610  
(31) 2001458.5 (32) 03.02.20 (33) GB  
(43) 12.08.2021  
(72) LATCHAM, Damien Barry  
(74) WRAYS PTY LTD

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- (71) Philip Morris Products S.A.  
 (11) AU-A-2021213303  
 (21) 2021213303 (22) 27.01.2021  
 (54) Heating element having heat conductive and wicking filaments  
 (51) Int. Cl.  
 H05B 3/34 ( 2006.01 )  
 A24F 40/44 ( 2020.01 )  
 A24F 40/46 ( 2020.01 )  
 A24F 40/10 ( 2020.01 )  
 A24F 40/465 ( 2020.01 )  
 (87) WO2021/151935  
 (31) 20154181.0 (32) 28.01.20 (33) EP  
 20197829.3 23.09.20 EP  
 (43) 05.08.2021  
 (72) BUTENKEMPER, Stefan; DETLEF, John; ZINOVIK, Ihar Nikolaevich  
 (74) James & Wells Intellectual Property
- 
- (71) Philip Morris Products S.A.  
 (11) AU-A-2021213897  
 (21) 2021213897 (22) 27.01.2021  
 (54) A cartridge for use in an aerosol-generating system and an aerosol-generating system comprising said cartridge  
 (51) Int. Cl.  
 A24F 40/44 ( 2020.01 )  
 A24F 40/46 ( 2020.01 )  
 H05B 3/04 ( 2006.01 )  
 H05B 3/42 ( 2006.01 )  
 A24F 40/10 ( 2020.01 )  
 (87) WO2021/151927  
 (31) 20154181.0 (32) 28.01.20 (33) EP  
 (43) 05.08.2021  
 (72) TAURINO, Irene; ZINOVIK, Ihar Nikolaevich  
 (74) James & Wells Intellectual Property
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- (71) Piggy LLC  
 (11) AU-A-2021206165  
 (21) 2021206165 (22) 05.01.2021  
 (54) Systems, methods, and computer programs for providing users maximum benefit in electronic commerce  
 (51) Int. Cl.  
 G06Q 30/02 ( 2012.01 )  
 (87) WO2021/141893  
 (31) 62/957,576 (32) 06.01.20 (33) US  
 (43) 15.07.2021  
 (72) CORRIERI, Nicholas; GINSBERG, John; MAHALEC, Nicholas  
 (74) Davies Collison Cave Pty Ltd
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- (71) Plant IP Pty Ltd  
 (11) AU-A-2021244775  
 (21) 2021244775 (22) 24.03.2021  
 (54) Accessory bar and load carrying assembly  
 (51) Int. Cl.  
 B60R 9/045 ( 2006.01 )  
 (87) WO2021/189107  
 (31) 2020900895 (32) 24.03.20 (33) AU  
 2020903652 08.10.20 AU  
 (43) 30.09.2021  
 (72) PLANT, Gary Raymond; RAE, Ronald  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Pneumatic Scale Corporation  
 (11) AU-A-2021239948  
 (21) 2021239948 (22) 17.03.2021  
 (54) Centrifuge system for separating cells in suspension  
 (51) Int. Cl.  
 B01D 21/26 ( 2006.01 )  
 C12M 1/00 ( 2006.01 )  
 C12M 1/26 ( 2006.01 )  
 C12M 3/00 ( 2006.01 )  
 C12Q 1/24 ( 2006.01 )  
 (87) WO2021/188655  
 (31) 62/991,820 (32) 19.03.20 (33) US  
 (43) 23.09.2021  
 (72) KESSLER, S.; MARRO, T.  
 (74) FB Rice Pty Ltd
- 
- (71) President and Fellows of Harvard College; Trustees of Tufts College  
 (11) AU-A-2021206706  
 (21) 2021206706 (22) 08.01.2021  
 (54) Methods for inducing biostasis in a cell, tissue or organ  
 (51) Int. Cl.  
 A01N 1/02 ( 2006.01 )  
 C12N 11/00 ( 2006.01 )  
 C12N 11/16 ( 2006.01 )  
 (87) WO2021/142210  
 (31) 62/959,372 (32) 10.01.20 (33) US  
 63/020,475 05.05.20 US  
 (43) 15.07.2021  
 (72) TAKEDA, Takako; SPERRY, Megan; GARDNER, Erica; LEVIN, Michael; REILLY, Charles; NOVAK, Richard; INGBER, Donald E.  
 (74) FB Rice Pty Ltd
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- (71) President and Fellows of Harvard College  
 (11) AU-A-2021216930  
 (21) 2021216930 (22) 03.02.2021  
 (54) Engineered bacteria and methods of producing sustainable biomolecules  
 (51) Int. Cl.  
 C12N 15/52 ( 2006.01 )  
 C12N 9/00 ( 2006.01 )  
 C12N 9/16 ( 2006.01 )  
 (87) WO2021/158657  
 (31) 62/969,796 (32) 04.02.20 (33) US  
 (43) 12.08.2021  
 (72) NANGLE, Shannon Noel; ZIESACK, Marika; SILVER, Pamela A.; BUCKLEY, Sarabeth  
 (74) Dark IP
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- (71) Proprio, Inc.  
 (11) AU-A-2021211677  
 (21) 2021211677 (22) 21.01.2021  
 (54) Methods and systems for augmenting depth data from a depth sensor, such as with data from a multiview camera system  
 (51) Int. Cl.  
 G06K 9/00 ( 2006.01 )  
 G06T 7/00 ( 2017.01 )  
 (87) WO2021/150741  
 (31) 62/963,717 (32) 21.01.20 (33) US
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- (43) 29.07.2021  
 (72) COLMENARES, David Julio; NONN, Thomas Ivan; YOUNGQUIST, James Andrew  
 (74) Spruson & Ferguson
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- (71) Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.  
 (11) AU-A-2021223034  
 (21) 2021223034 (22) 09.02.2021  
 (54) Control method for heating unit, heating unit, and refrigerating and freezing apparatus  
 (51) Int. Cl.  
 F25D 11/02 ( 2006.01 )  
 H05K 7/20 ( 2006.01 )  
 (87) WO2021/164648  
 (31) 20201009918.1 (32) 18.02.20 (33) CN  
 202020180615.8 18.02.20 CN  
 (43) 26.08.2021  
 (72) QI, Feifei; SONG, Xiangpeng; CUI, Zhanpeng; HAN, Zhiqiang; XUE, Wen-chao  
 (74) Spruson & Ferguson
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- (71) QPQ Limited  
 (11) AU-A-2020427237  
 (21) 2020427237 (22) 04.02.2020  
 (54) A system and a method for performing atomic swap transactions of digital records among a plurality of distributed databases  
 (51) Int. Cl.  
 G06Q 20/04 ( 2012.01 )  
 G06F 16/18 ( 2019.01 )  
 G06F 16/25 ( 2019.01 )  
 (87) WO2021/155915  
 (43) 12.08.2021  
 (72) CHEW, Greg; LECKEY, Ryan; RAGNOLI, Emanuele; SAGIHLAR, Gokhan  
 (74) WRAYS PTY LTD
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- (71) Qwave Solutions, Inc.  
 (11) AU-A-2021216939  
 (21) 2021216939 (22) 04.02.2021  
 (54) Apparatuses, systems, and methods for heating with electromagnetic waves  
 (51) Int. Cl.  
 H05B 6/64 ( 2006.01 )  
 H05B 6/78 ( 2006.01 )  
 H05B 6/80 ( 2006.01 )  
 (87) WO2021/158729  
 (31) 62/969,935 (32) 04.02.20 (33) US  
 (43) 12.08.2021  
 (72) BADAC, Jeffrey; BOOTH, Ryan; HARRIS, Kaitlin; RALEIGH, Cliff; SCHLAEGLE, Steven; TROIANO, Richard  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) R.G.C.C. Holdings AG  
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 (51) Int. Cl.  
 A61K 31/517 ( 2006.01 )

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**A61K 31/52** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 31/12** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C07D 239/00** ( 2006.01 )  
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**(31)** 20166373.9 **(32)** 27.03.20 **(33)** EP  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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**(54)** Injection of a therapeutic formulation into a wall of the gastrointestinal tract  
**(51)** Int. Cl.  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(54)** Cyclone sand filter  
**(51)** Int. Cl.  
**B01D 21/26** ( 2006.01 )  
**B04C 5/14** ( 2006.01 )  
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**(72)** NAIDU, D. Damodara  
**(74)** Michael Buck IP
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**(51)** Int. Cl.  
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**A61P 35/00** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd
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**(54)** Connector for positioning and stabilising structure  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )
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**(43)** 05.08.2021  
**(72)** FINLAY, Iain McNicol  
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**(21)** 2021212394 **(22)** 30.01.2021  
**(54)** Systems and methods for reducing insomnia-related symptoms  
**(51)** Int. Cl.  
**G16H 10/20** ( 2018.01 )  
**A61M 21/00** ( 2006.01 )  
**G16H 20/30** ( 2018.01 )  
**G16H 20/70** ( 2018.01 )  
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**(43)** 05.08.2021  
**(72)** O'MAHONY, Niall; LOPES, Cesar; WREN, Michael; SHOULDICE, Redmond  
**(74)** Griffith Hack
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**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
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**(43)** 05.08.2021  
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**(74)** Griffith Hack
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**(54)** Systems and methods for detecting mouth leak  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
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**(72)** SHOULDICE, Redmond; MCMAHON, Stephen; LYON, Graeme; TIRON, Roxana; DENIA, Marta Perez; COFFEY, Sam  
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**(54)** Systems and methods for requesting consent for data  
**(51)** Int. Cl.
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**(74)** Griffith Hack
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**(54)** Device, method and recording medium, recording command, for supporting learning  
**(51)** Int. Cl.  
**G06Q 50/20** ( 2012.01 )  
**G06K 9/00** ( 2006.01 )  
**G06N 3/04** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
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**(74)** PHILLIPS ORMONDE FITZPATRICK
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**(54)** Process for enhancing solubility of plant protein compositions  
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**A23J 1/00** ( 2006.01 )  
**A23J 3/14** ( 2006.01 )  
**A23L 2/66** ( 2006.01 )  
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**(74)** Arcadia Intellectual Property
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**(21)** 2021207530 **(22)** 15.01.2021  
**(54)** Noninvasive diagnostics of proximal heart health biomarkers  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
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**A61B 5/026** ( 2006.01 )  
**G16H 50/50** ( 2018.01 )  
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**(74)** PHILLIPS ORMONDE FITZPATRICK
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**(11)** AU-A-2021258283  
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- (51) Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )  
**G01N 27/447** ( 2006.01 )
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021209435 (22) 25.01.2021  
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- (51) Int. Cl.  
**A61N 1/36** ( 2006.01 )  
**A61B 5/316** ( 2021.01 )  
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(54) Crystalline forms of a TYK2 inhibitor
- (51) Int. Cl.  
**A61P 29/00** ( 2006.01 )  
**A61K 31/541** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 263/48** ( 2006.01 )
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(74) Adams Pluck
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- (51) Int. Cl.  
**F21S 2/00** ( 2016.01 )  
**F21V 5/00** ( 2018.01 )  
**F21V 21/005** ( 2006.01 )  
**F21V 23/00** ( 2015.01 )  
**F21V 23/06** ( 2006.01 )  
**F21W 131/101** ( 2006.01 )  
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**F21Y 105/16** ( 2016.01 )  
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- (51) Int. Cl.  
**A61M 25/09** ( 2006.01 )
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(72) LIPPERT, John A.; SNYDER, Edward J.  
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- (51) Int. Cl.  
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**A61L 29/14** ( 2006.01 )  
**A61L 29/16** ( 2006.01 )
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(54) Composition for preventing or treating macular degeneration, containing cell permeable nucleic acid complex as active ingredient
- (51) Int. Cl.  
**A61K 47/54** ( 2017.01 )  
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(54) Reducing side effects of NMDA antagonists
- (51) Int. Cl.  
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**A61P 25/24** ( 2006.01 )
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**E01F 9/615** ( 2016.01 )  
**E01F 9/654** ( 2016.01 )  
**H04W 24/08** ( 2009.01 )  
**H04W 84/18** ( 2009.01 )
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(54) Biphenyl derivative inhibitor, preparation method therefor and use thereof
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**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )
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(54) Protein degradation agent compound preparation method and application
- (51) Int. Cl.  
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**A61K 31/404** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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**B01D 53/78** ( 2006.01 )  
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**C02F 9/14** ( 2006.01 )  
**C02F 103/18** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 307/20** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
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 (51) Int. Cl.  
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**C12Q 1/6844** ( 2018.01 )  
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 (51) Int. Cl.  
**A23L 29/238** ( 2016.01 )  
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 (51) Int. Cl.  
**A61C 7/08** ( 2006.01 )  
**A61C 7/36** ( 2006.01 )  
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 (54) Composition and method  
 (51) Int. Cl.  
**A61P 21/00** ( 2006.01 )  
**A61K 38/48** ( 2006.01 )  
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 (54) Compostable top lid structure for a beverage preparation capsule  
 (51) Int. Cl.  
**B65D 85/804** ( 2006.01 )  
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 (74) Spruson & Ferguson
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 (21) 2021245358 (22) 01.04.2021  
 (54) Compositions and methods containing N-acetylcystein and nicotinamide riboside for prevention and treatment of neurological diseases and conditions  
 (51) Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A23L 33/175** ( 2016.01 )  
**A23L 33/18** ( 2016.01 )  
**A61K 31/405** ( 2006.01 )  
**A61K 31/455** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
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**H02G 1/04** ( 2006.01 )  
**H02G 1/00** ( 2006.01 )  
**H02G 1/02** ( 2006.01 )  
**H02G 1/06** ( 2006.01 )  
**H02G 7/00** ( 2006.01 )  
**H02G 7/02** ( 2006.01 )  
**H02G 11/00** ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2021220618 (22) 11.02.2021  
 (54) Molded insole, footwear item, and manufacturing method  
 (51) Int. Cl.  
**A43B 7/14** ( 2006.01 )  
**A43B 17/00** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2021211739 (22) 25.01.2021  
 (54) Concealed hanger  
 (51) Int. Cl.  
**E04C 3/18** ( 2006.01 )  
**F16B 12/14** ( 2006.01 )  
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**C12Q 1/68** ( 2018.01 )  
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**A23L 29/231** ( 2016.01 )

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(71) The Regents of the University of California			(31) 2020900214 (32) 28.01.20 (33) AU	(11) AU-A-2021222307
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			<i>C08L 51/04</i> ( 2006.01 )	
			<i>C08J 5/24</i> ( 2006.01 )	
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			(54) Method and device for automated operation of a plant for storing bulk material	(54) Process for the production of synthesis gas
			(51) Int. Cl.	(51) Int. Cl.
			<i>B65G 3/02</i> ( 2006.01 )	<i>C01B 3/48</i> ( 2006.01 )
			<i>B65G 65/28</i> ( 2006.01 )	<i>B01D 3/00</i> ( 2006.01 )
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			(54) Performance evaluation method for spectacle lens and program	(54) Drug feeder
			(51) Int. Cl.	(51) Int. Cl.
			<i>G02C 13/00</i> ( 2006.01 )	<i>B65G 47/14</i> ( 2006.01 )
			<i>G01M 11/00</i> ( 2006.01 )	<i>A61J 3/00</i> ( 2006.01 )
			<i>G02C 7/06</i> ( 2006.01 )	(87) WO2021/153674
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 (51) Int. Cl.  
*A61B 17/11* ( 2006.01 )
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 one surfactant  
 (51) Int. Cl.  
*A62D 1/02* ( 2006.01 )  
*A62C 99/00* ( 2010.01 )  
*A62D 1/00* ( 2006.01 )
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 (74) Spruson & Ferguson
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 organic photovoltaic devices  
 (51) Int. Cl.
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*H01L 31/06* ( 2012.01 )  
*H01L 31/072* ( 2012.01 )  
*H01L 51/42* ( 2006.01 )  
*H01L 51/44* ( 2006.01 )  
*H01L 51/48* ( 2006.01 )
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 (54) Support bar for cable trays  
 (51) Int. Cl.  
*B29C 48/11* ( 2019.01 )  
*B29C 48/12* ( 2019.01 )  
*B29C 48/13* ( 2019.01 )  
*F16L 3/26* ( 2006.01 )  
*H02G 3/00* ( 2006.01 )  
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 (72) MOSTAZO OVIEDO, Jose Antonio  
 (74) James & Wells Intellectual Property
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 (11) AU-A-2021216474  
 (21) 2021216474 (22) 07.02.2021  
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 Aplinia and other plants for improving  
 joint health and treating arthritis  
 (51) Int. Cl.  
*A61K 36/21* ( 2006.01 )  
*A61K 31/00* ( 2006.01 )  
*A61K 36/575* ( 2006.01 )  
*A61K 36/67* ( 2006.01 )  
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*A61P 19/02* ( 2006.01 )
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 dria; JIA, Qi  
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 (54) Methods to induce heat stress toler-  
 ance in plants  
 (51) Int. Cl.  
*C12N 15/82* ( 2006.01 )
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 (31) 62/979,138 (32) 20.02.20 (33) US  
 (43) 26.08.2021  
 (72) SILVERMAN, Franklin Paul; REDDY,  
 Srirama Krishna  
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 (11) AU-A-2021224925  
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 (54) Methods of improving stress tolerance,  
 growth and yield in plants  
 (51) Int. Cl.  
*A01N 37/42* ( 2006.01 )  
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 Brian  
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- (71) ValiMail Inc.  
 (11) AU-A-2021209899  
 (21) 2021209899 (22) 22.01.2021  
 (54) Automated authentication and authoriz-  
 ation in a communication system  
 (51) Int. Cl.  
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*H04L 65/40* ( 2022.01 )
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 Robert Benjamin; BLANK, Seth Joshua;  
 WILSON, Ashley Duane; GOLDSTEIN,  
 Peter Martin  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) VEEM Ltd  
 (11) AU-A-2021216597  
 (21) 2021216597 (22) 04.02.2021  
 (54) Marine drive unit with gyrostabiliser  
 (51) Int. Cl.  
*B63H 21/00* ( 2006.01 )  
*B63B 39/04* ( 2006.01 )  
*B63H 20/00* ( 2006.01 )
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 CEVICH, Mark David  
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 (11) AU-A-2021213776  
 (21) 2021213776 (22) 29.01.2021  
 (54) Methods of treatment for alpha-1 anti-  
 trypsin deficiency  
 (51) Int. Cl.  
*A61K 31/4162* ( 2006.01 )  
*A61K 9/00* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
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 HARE, Brian J.; INGENITO, Edward;

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**(51)** Int. Cl.  
*C07D 413/12* ( 2006.01 )  
*A61K 31/426* ( 2006.01 )  
*A61P 3/12* ( 2006.01 )  
*A61P 7/00* ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(21)** 2020289038 **(22)** 29.05.2020  
**(54)** Firearm for reduced energy cartridge  
**(51)** Int. Cl.  
*F41A 5/18* ( 2006.01 )  
*F41A 3/26* ( 2006.01 )  
*F41A 3/70* ( 2006.01 )  
*F41A 3/82* ( 2006.01 )  
*F41A 33/00* ( 2006.01 )  
*F42B 5/02* ( 2006.01 )  
*F42B 8/02* ( 2006.01 )  
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**(74)** Phoenix Intellectual Property
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**(11)** AU-A-2020416492  
**(21)** 2020416492 **(22)** 31.12.2020  
**(54)** Multicast service implementing method, device, and communication device  
**(51)** Int. Cl.  
*H04L 12/18* ( 2006.01 )  
*H04W 76/10* ( 2018.01 )  
**(87)** WO2021/136467  
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**(72)** XIE, Zhenhua; WANG, Wen  
**(74)** Adams Pluck
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- (71)** Vrije Universiteit Brussel  
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**(51)** Int. Cl.  
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- (71)** Wandercraft  
**(11)** AU-A-2021219321  
**(21)** 2021219321 **(22)** 10.02.2021  
**(54)** Methods for generating a trajectory of an exoskeleton and for setting the exoskeleton in motion  
**(51)** Int. Cl.  
*A61H 1/02* ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd
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**(11)** AU-A-2021209990  
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**(54)** Variable stiffness catheter and methods thereof  
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*A61M 25/00* ( 2006.01 )  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Weidmüller Interface GmbH & Co. KG  
**(11)** AU-A-2021231219  
**(21)** 2021231219 **(22)** 03.03.2021  
**(54)** Monitoring device, monitoring arrangement and monitoring method for monitoring a screw joint of an object  
**(51)** Int. Cl.  
*G01D 5/241* ( 2006.01 )  
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- (71)** William Marsh Rice University  
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**(54)** Methods for improved delivery of therapeutic agents  
**(51)** Int. Cl.
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- (71)** Wisconsin Alumni Research Foundation  
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**(21)** 2021212760 **(22)** 28.01.2021  
**(54)** Human blood-brain barrier targeting antibodies  
**(51)** Int. Cl.  
*C07K 16/28* ( 2006.01 )  
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**(72)** SHUSTA, Eric V.; STUTZ, Charles C.; GOULATIS, Loukas; GEORGIEVA, Julia  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Wisk Aero LLC  
**(11)** AU-A-2021215850  
**(21)** 2021215850 **(22)** 02.02.2021  
**(54)** Power distribution circuits for vehicles with energy regeneration  
**(51)** Int. Cl.  
*B60K 6/48* ( 2007.10 )  
*B60K 6/20* ( 2007.10 )  
*B60K 6/22* ( 2007.10 )  
*B60K 6/28* ( 2007.10 )  
*B60K 6/42* ( 2007.10 )  
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**(74)** Davies Collison Cave Pty Ltd
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- (71)** Worthington Cylinders Corporation  
**(11)** AU-A-2021232886  
**(21)** 2021232886 **(22)** 08.03.2021  
**(54)** Hand torch, base, and regulator system  
**(51)** Int. Cl.  
*F23D 14/40* ( 2006.01 )  
*B23K 5/22* ( 2006.01 )  
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Thomas  
**(74)** Spruson & Ferguson

**(71)** WuXi Biologics (Shanghai) Co. Ltd.  
**(11)** AU-A-2021210025  
**(21)** 2021210025 **(22)** 19.01.2021  
**(54)** A bispecific anti-PD-L1/VEGF antibody  
and uses thereof

**(51)** Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
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**(74)** Madderns Pty Ltd

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**(54)** Daptomycin formulation  
**(51)** Int. Cl.  
**A61K 9/19** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
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**(72)** FUMIC, Barbara  
**(74)** WRAYS PTY LTD

**(71)** Xiamen University; Xiamen Innodx Biotech Co., Ltd  
**(11)** AU-A-2020416358  
**(21)** 2020416358 **(22)** 25.12.2020  
**(54)** Polypeptide encoded by BNLF2b gene  
in EB virus and detection use thereof  
**(51)** Int. Cl.  
**C07K 14/435** ( 2006.01 )  
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**G01N 33/569** ( 2006.01 )  
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Xiaoyi; HONG, Congming; SONG, Li-  
uwei; WEN, Shunhua; TANG, Jiabao;  
ZHANG, Jun; XIA, Ningshao  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Yakult Honsha Co., Ltd.; Shikoku  
Kakoki Co., Ltd.  
**(11)** AU-A-2021214348  
**(21)** 2021214348 **(22)** 29.01.2021  
**(54)** Detection device

**(51)** Int. Cl.  
**B65B 57/00** ( 2006.01 )  
**B65B 7/28** ( 2006.01 )  
**B65B 57/02** ( 2006.01 )  
**B67B 3/26** ( 2006.01 )

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**(72)** KOMATSU, Kunio; YAMADA, Masato;  
YABUUCHI, Takanori  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Yukon Medical, LLC  
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**(54)** Transfer device with user-controlled  
venting  
**(51)** Int. Cl.  
**A61J 1/20** ( 2006.01 )  
**A61J 1/06** ( 2006.01 )

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**(72)** FRAITES Jr., Thomas J.; BATCHELOR,  
Stanton D.; KOROGI, Todd M.  
**(74)** Spruson & Ferguson

**(71)** Zhejiang Chint Electrics Co., Ltd.  
**(11)** AU-A-2021229961  
**(21)** 2021229961 **(22)** 12.02.2021  
**(54)** Miniature circuit breaker  
**(51)** Int. Cl.  
**H01H 71/16** ( 2006.01 )  
**H01H 71/02** ( 2006.01 )

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**(31)** 202010152847.7 **(32)** 06.03.20 **(33)** CN  
**(43)** 10.09.2021  
**(72)** CHEN, Zaiwei  
**(74)** IP SOLVED (ANZ) PTY. LTD.

**(71)** Zhuhai United Laboratories Co., Ltd.  
**(11)** AU-A-2020428591  
**(21)** 2020428591 **(22)** 13.02.2020  
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drugs for treating JAK kinase-related  
diseases

**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 17/06** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
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**(72)** WANG, Shuai; WANG, Degang; WU,  
Shouting; YU, Tingting; FANG, Miao;  
MU, Liwei; FANG, Liang  
**(74)** Dentons Patent Attorneys Australasia  
Limited

**(71)** ZTE Corporation  
**(11)** AU-A-2020396733  
**(21)** 2020396733 **(22)** 07.04.2020

**(54)** Systems and methods for signaling  
transmission for sidelink relay commu-  
nications

**(51)** Int. Cl.  
**H04W 36/14** ( 2009.01 )  
**H04W 40/22** ( 2009.01 )

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**(43)** 10.06.2021  
**(72)** DIAO, Xueying; WANG, Mengzhen;  
CHEN, Lin  
**(74)** Spruson & Ferguson

**(71)** ZTE Corporation  
**(11)** AU-A-2021420312  
**(21)** 2021420312 **(22)** 14.01.2021  
**(54)** Method, device and computer program  
product for wireless communication  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )

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**(72)** MA, Wei; LIU, Hongjun; LU, Chen;  
MA, Zijiang; LI, Dongmei; WEN, Wu;  
ZHANG, Boshan  
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<b>2020289038</b>	Vista Outdoor Operations LLC	<b>2020426470</b>	Avshalom, S.
<b>2020359071</b>	Johnson & Johnson Consumer Inc.	<b>2020427201</b>	Desert Harvest, Inc.
<b>2020396733</b>	ZTE Corporation	<b>2020427237</b>	QPQ Limited
<b>2020408144</b>	AdvanSix Resins & Chemicals LLC	<b>2020427248</b>	Magaldi Power S.p.A.
<b>2020409015</b>	Niantic, Inc.	<b>2020427318</b>	Riiid Labs Inc.
<b>2020411972</b>	Japanese Foundation For Cancer Research	<b>2020427583</b>	Bioceres LLC
<b>2020414151</b>	Shanghai Jemincare Pharmaceuticals Co., Ltd; Jiangxi Jemincare Group Co., Ltd	<b>2020427646</b>	Mitsubishi Electric Corporation
<b>2020414715</b>	Methodical Mind, LLC.	<b>2020427699</b>	Board of Trustees of the University of Arkansas
<b>2020416055</b>	AMO Groningen B.V.	<b>2020427710</b>	Boston Scientific Neuromodulation Corporation
<b>2020416057</b>	AMO Groningen B.V.	<b>2020428397</b>	Imperial College Innovations Limited
<b>2020416095</b>	Breville Pty Limited	<b>2020428591</b>	Zhuhai United Laboratories Co., Ltd.
<b>2020416271</b>	Cilag GmbH International	<b>2020429135</b>	Medartis Holding AG
<b>2020416341</b>	LG Electronics Inc.	<b>2020429408</b>	Panasonic Intellectual Property Corporation of America
<b>2020416358</b>	Xiamen University; Xiamen Innodx Biotech Co., Ltd	<b>2020429918</b>	Micro Motion, Inc.
<b>2020416484</b>	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	<b>2020430016</b>	GELITA AG
<b>2020416492</b>	Vivo Mobile Communication Co., Ltd.	<b>2020430115</b>	Inkbit, LLC
<b>2020416508</b>	AMO Groningen B.V.	<b>2020431041</b>	Hitachi, Ltd.
<b>2020416989</b>	Antagonis; Universite de Versailles-St Quentin en Yvelines; Assistance Publique - Hopitaux de Paris	<b>2020431937</b>	Hitachi, Ltd.
<b>2020416990</b>	Peptinov	<b>2020433469</b>	IHI Corporation; IHI Inspection and Instrumentation Co., Ltd.
<b>2020417018</b>	AMO Development, LLC	<b>2020435735</b>	NEC Corporation
<b>2020417172</b>	Microsoft Technology Licensing, LLC	<b>2020437887</b>	Hitachi, Ltd.
<b>2020417203</b>	Abiomed, Inc.	<b>2020440109</b>	İstanbul Üniversitesi Rektörlüğü
<b>2020417219</b>	McNeil AB	<b>2020441251</b>	AVALON BIOMEDICAL (MANAGEMENT) LIMITED
<b>2020417229</b>	Johnson Controls Tyco IP Holdings LLP	<b>2020448771</b>	Halliburton Energy Services, Inc.
<b>2020417255</b>	Gloriana Therapeutics	<b>2020468917</b>	Inofab Sağlık Teknolojileri Anonim Şirketi
<b>2020417265</b>	Spy Optic Inc.	<b>2021204888</b>	Smolarz, J.
<b>2020417750</b>	McNeil AB	<b>2021205144</b>	Innovent Biologics (Suzhou) Co., Ltd.
<b>2020417796</b>	Matterport, Inc.	<b>2021205306</b>	Northann Building Solutions LLC
<b>2020417811</b>	inQB8 Medical Technologies, LLC	<b>2021205373</b>	Seasun Therapeutics
<b>2020417813</b>	Incyte Corporation	<b>2021205416</b>	Obsidian Therapeutics, Inc.
<b>2020417892</b>	Gan & Lee Pharmaceuticals Co., Ltd.	<b>2021205423</b>	Selevan, A.; Selevan, D.; Selevan, J.
<b>2020417968</b>	DePuy Ireland Unlimited Company	<b>2021205797</b>	Carlsmed, Inc.
<b>2020418006</b>	Shanghai Hansoh Biomedical Co., Ltd.; Jiangsu Hansoh Pharmaceutical Group Co., Ltd.	<b>2021205834</b>	Dana-Farber Cancer Institute, Inc.
<b>2020418089</b>	Ravands Controls LLP	<b>2021205916</b>	Cantero Therapeutics, Inc.
<b>2020418207</b>	Gan & Lee Pharmaceuticals Co., Ltd.	<b>2021206014</b>	igus GmbH
<b>2020418360</b>	AMO Groningen B.V.	<b>2021206018</b>	MedImmune Limited
<b>2020418447</b>	AMO Groningen B.V.	<b>2021206145</b>	Northann Building Solutions LLC
<b>2020418514</b>	KPMG LLP	<b>2021206165</b>	Piggy LLC
<b>2020418515</b>	Dexcom, Inc.	<b>2021206223</b>	Bisu, Inc.
<b>2020418520</b>	McNeil AB	<b>2021206240</b>	Incyte Corporation
<b>2020418554</b>	Peptinov	<b>2021206242</b>	Fusion Pharmaceuticals Inc.
<b>2020418980</b>	South China University of Technology	<b>2021206280</b>	Lycia Therapeutics, Inc.
<b>2020419050</b>	Navrogen, Inc.	<b>2021206366</b>	NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd
<b>2020419182</b>	Ilias Biologics Inc.; ILIAS Therapeutics, Inc.	<b>2021206375</b>	NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd
<b>2020419903</b>	Kimberly-Clark Worldwide, Inc.	<b>2021206509</b>	General Mills, Inc.
<b>2020420610</b>	Meyers, D.	<b>2021206609</b>	Kimberly-Clark Worldwide, Inc.
<b>2020420915</b>	Fresenius Medical Care Deutschland GmbH	<b>2021206616</b>	Lassogen, Inc.
<b>2020421115</b>	Kimberly-Clark Worldwide, Inc.	<b>2021206674</b>	Control Components, Inc.
<b>2020421140</b>	ARRIS Enterprises LLC	<b>2021206693</b>	Apellis Pharmaceuticals, Inc.
<b>2020421470</b>	Keter Home and Garden Products Ltd	<b>2021206706</b>	President and Fellows of Harvard College; Trustees of Tufts College
<b>2020421583</b>	Microsoft Technology Licensing, LLC	<b>2021207010</b>	Osaka University; Mitsubishi Tanabe Pharma Corporation
<b>2020421604</b>	Paige.ai Inc	<b>2021207343</b>	Field Effect Software Inc.
<b>2020421609</b>	Paige.AI, Inc.	<b>2021207525</b>	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery
<b>2020421883</b>	Guangdong Midea Consumer Electrics Manufacturing Co., Ltd.	<b>2021207530</b>	Rochester Institute of Technology
<b>2020421906</b>	Lanshen Group Corp., Ltd.; Nanjing Aidesen Water Service Co., Ltd	<b>2021207685</b>	Jumpcode Genomics, Inc.
<b>2020422174</b>	Maricap Oy	<b>2021207689</b>	Bard Peripheral Vascular, Inc.
<b>2020422620</b>	Astromedical Biotechnology, Ltd.	<b>2021207853</b>	Tulavi Therapeutics, Inc.; Incept, LLC
<b>2020422756</b>	Beijing University of Chemical Technology; Red Avenue New Materials Group Co., Ltd.	<b>2021207890</b>	Flagship Pioneering Innovations Vi, LLC
<b>2020424043</b>	Electronic Design & Development, Corp.	<b>2021207984</b>	AgBiome, Inc.
<b>2020424477</b>	ASSURED INFORMATION SECURITY, INC.	<b>2021208413</b>	Intellego Technologies AB (Sweden)
<b>2020426356</b>	Hua Medicine (Shanghai) Ltd.	<b>2021208465</b>	Ancra International LLC
		<b>2021208716</b>	9220-6820 Quebec Inc.

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2021209048	TruValue Labs, Inc.	2021213585	Kao Corporation
2021209128	Mercy Bioanalytics, Inc.	2021213609	Japan Science and Technology Agency
2021209391	Laser Engineering Applications	2021213682	Eli Lilly and Company
2021209421	Hydrolize Limited	2021213724	Becton, Dickinson and Company
2021209435	Saluda Medical Pty Ltd	2021213725	Dow Global Technologies LLC
2021209593	Becton, Dickinson and Company	2021213734	Enverus, Inc.
2021209675	Spiral Therapeutics Inc.	2021213748	Teva Pharmaceuticals International GmbH
2021209746	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021213749	Yukon Medical, LLC
2021209834	Becton, Dickinson and Company	2021213754	DJO, LLC
2021209899	ValiMail Inc.	2021213776	Vertex Pharmaceuticals Incorporated
2021209937	EnviroKure, Incorporated	2021213897	Philip Morris Products S.A.
2021209990	Washington University	2021213956	Freeline Therapeutics Limited
2021210025	WuXi Biologics (Shanghai) Co. Ltd.	2021213960	Nicoventures Trading Limited
2021210079	Shanghai Senhui Medicine Co., Ltd.; Shanghai Shengdi Pharmaceutical Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.; Jiangsu Hengrui Medicine Co., Ltd.	2021213963	The Yokohama Rubber Co., Ltd.
2021210190	Hydrolize Limited	2021214042	Kabushiki Kaisha Toshiba; Toshiba Infrastructure Systems & Solutions Corporation
2021210393	Scientia Vascular, LLC	2021214052	Becton, Dickinson and Company
2021210405	Seelos Therapeutics, Inc.	2021214054	Becton, Dickinson and Company
2021210471	Huawei Technologies Co., Ltd.	2021214056	Dow Global Technologies LLC; Rohm and Haas Company
2021210482	Adagene AG	2021214124	Otsuka Pharmaceutical Factory, Inc.
2021210655	Lightcast Discovery Ltd	2021214147	Bio-Rad Laboratories, Inc.
2021210773	Genexine, Inc.	2021214163	ContraFect Corporation
2021210817	Commonwealth Scientific and Industrial Research Organisation	2021214252	Castle Biosciences, Inc.; Cook, R.; Covington, K.; Maetzold, D.; Kurley, S.
2021210818	Deep Brain Stimulation Technologies Pty Ltd	2021214291	Kao Corporation
2021210835	Becton, Dickinson and Company	2021214332	Tosho, Inc.
2021210902	Becton, Dickinson and Company	2021214348	Yakult Honsha Co., Ltd.; Shikoku Kakoki Co., Ltd.
2021210906	Ancestry.com Operations Inc.	2021214399	Arcutis Biotherapeutics, Inc.
2021210986	AgeX Therapeutics, Inc.	2021214413	ResMed Pty Ltd
2021211012	AIM ImmunoTech Inc.	2021214518	Hyundai Pharm Co., Ltd.
2021211153	Kemira Oyj	2021214551	Eisana Corporation
2021211372	Becton, Dickinson and Company	2021214568	Amyris, Inc.
2021211415	Energy Vault, Inc.	2021214719	Bayer Animal Health GmbH
2021211426	AppHarvest Technology, Inc.	2021214752	Becton, Dickinson and Company
2021211453	Becton, Dickinson and Company	2021214774	ModernaTX, Inc.
2021211669	Bolt Biotherapeutics, Inc.	2021214776	SDIP Innovations Pty Ltd
2021211677	Proprio, Inc.	2021214805	Foghorn Therapeutics Inc.
2021211713	The Children's Medical Center Corporation	2021214834	Becton, Dickinson and Company
2021211732	Myoforte Therapeutics, Inc.	2021214870	Consejo Superior De Investigaciones Cientificas (CSIC); Instytut Chemii Fizycznej; The University Of Liverpool
2021211739	Simpson Strong-Company Inc.	2021214973	Carel Industries S.p.A.
2021211874	Boehringer Ingelheim International GmbH	2021214974	ResMed Sensor Technologies Limited
2021211925	Neophore Limited	2021214985	Hama Foodservice GesmbH
2021212183	Abilitech Medical, Inc.	2021215022	Maurer Engineering GmbH
2021212208	Herring, J.	2021215034	OCEAN Dx
2021212288	Maurer Engineering GmbH	2021215064	ResMed Sensor Technologies Limited
2021212386	DePuy Synthes Products, Inc.	2021215337	Bühler AG
2021212394	ResMed Sensor Technologies Limited	2021215346	HTC-Assistance
2021212395	ResMed Sensor Technologies Limited	2021215407	Biorchestra Co., Ltd.
2021212608	American Sterilizer Company	2021215408	Biorchestra Co., Ltd.
2021212614	Becton, Dickinson and Company	2021215535	Tokai Optical Co., Ltd.
2021212658	Cordance Medical Inc.	2021215607	AGC Inc.
2021212667	Nelson Irrigation Corporation	2021215623	Mitsubishi Tanabe Pharma Corporation
2021212731	Sherlock Biosciences, Inc.	2021215702	Nevro Corp.
2021212760	Wisconsin Alumni Research Foundation	2021215717	Eli Lilly and Company
2021212784	Nomadd Desert Solar Solutions Pte. Ltd.; Eitelhuber, G.	2021215772	Syneux International (Taiwan) Corp.
2021213021	The University of Queensland	2021215850	Wisk Aero LLC
2021213048	Becton, Dickinson and Company	2021215857	Ubiquitous Energy, Inc.
2021213058	Becton, Dickinson and Company	2021215881	Spectrocor Oy
2021213064	Eli Lilly and Company	2021215885	Oxford Genetics Limited; Oxford University Innovation Limited
2021213069	Becton, Dickinson and Company	2021215893	Novartis AG
2021213184	FMC Corporation	2021215935	Diadem Biotherapeutics Inc.
2021213252	Illumina, Inc.	2021215936	Larimar Therapeutics, Inc.; The United States of America, as Represented by the Secretary, Department of Health and Human Services
2021213257	Foghorn Therapeutics Inc.	2021215990	DX Tech Pty Ltd
2021213258	Foghorn Therapeutics Inc.	2021216262	Imperial College Innovations Limited
2021213303	Philip Morris Products S.A.	2021216324	Gasherbrum Bio, Inc.
2021213324	Fuel 3D Technologies Limited	2021216337	Enovate Systems Ltd
2021213377	Karpf, O.		
2021213404	Survitec Group Limited		
2021213469	Raziel Therapeutics Ltd.		
2021213470	Mac Technology Holdings Co Pty Ltd		

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2021216390	House of Design LLC	2021220685	Intelligent Growth Solutions Limited
2021216411	Aerovironment, Inc.	2021220690	Nuclera Nucleics Ltd
2021216462	Elanco Animal Health Incorporated; Elanco Tiergesund- heit AG	2021220771	Crayola LLC
2021216474	Unigen, Inc.	2021220883	The United States of America, as represented by The Secretary, Department of Health and Human Services; University of Tennessee Research Foundation
2021216536	Inofab Sağlık Teknolojileri Anonim şirketi	2021221027	Syngenta Crop Protection AG
2021216548	Eli Lilly and Company	2021221109	Durect Corporation; Virginia Commonwealth University
2021216555	Dailycolors Health Inc.	2021221132	Lamb Weston, Inc.
2021216592	Hubble Technology Inc.	2021221185	Mars, Incorporated
2021216593	Duke University	2021221258	BMT Defence and Security UK Limited
2021216594	Deere & Company	2021221277	CRISPR Therapeutics AG
2021216597	VEEM Ltd	2021221287	Aulos Bioscience, Inc
2021216611	Snoretex Ltd	2021221977	Rani Therapeutics, LLC
2021216679	Bioadhesive Ophthalmics	2021221987	Nano PharmaSolutions, Inc.
2021216720	Biorchestra Co., Ltd.	2021222028	Valent BioSciences LLC
2021216874	Phaslo Global Innovation Pty Limited	2021222307	Topas Therapeutics GmbH
2021216930	President and Fellows of Harvard College	2021222390	ConvaTec Limited
2021216936	Esco Group LLC	2021222393	ConvaTec Limited
2021216939	Qwave Solutions, Inc.	2021222419	Medela Holding AG
2021216999	Palatin Technologies, Inc.	2021222845	i-SENS, Inc.
2021217071	Armstrong World Industries, Inc.	2021222972	Aelin Therapeutics; VIB vzw; Katholieke Universiteit Leuven
2021217111	Bayer Aktiengesellschaft	2021223034	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2021217133	Kellogg Company	2021223084	ConvaTec Limited
2021217148	Stingray Therapeutics, Inc.	2021223085	ConvaTec Limited
2021217164	Summit Biosciences Inc.	2021223589	Vrije Universiteit Brussel
2021217182	Bühler AG	2021223702	Aelin Therapeutics; VIB vzw; Katholieke Universiteit Leuven
2021217353	Medikine, Inc.	2021223703	Aelin Therapeutics; VIB vzw; Katholieke Universiteit Leuven
2021217355	Malta Inc.	2021224538	Dyno Nobel Inc.
2021217399	The Regents of the University of California	2021224569	Huntsman Advanced Materials Americas LLC
2021217469	Bühler AG	2021224572	Alector LLC
2021217501	Avanti Materials Ltd	2021224588	Gilead Sciences, Inc.
2021217512	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2021224724	The United States of America, as represented by The Secretary, Department of Health and Human Services
2021217665	The Regents of the University of California	2021224744	Ripple Foods, PBC
2021217696	Commonwealth Scientific and Industrial Research Or- ganisation	2021224899	Gilgamesh Pharmaceuticals, Inc.
2021217754	Eclore Actuators	2021224905	Ashley Furniture Industries, LLC
2021217770	Bühler AG	2021224925	Valent BioSciences LLC
2021217772	Alien Beats Records	2021225098	Advanced Biofuel Solutions Ltd
2021217843	ENEOS Corporation; Waseda University	2021225352	GV Engineering GmbH
2021217945	Laplace Interventional Inc.	2021225572	NTT DOCOMO, INC.
2021217956	AgroFresh Inc.	2021225709	i-SENS, Inc.
2021218532	Soltec Innovations S.L.	2021225760	Terumo Cardiovascular Systems Corporation
2021218539	BMT Defence and Security UK Limited	2021225786	Apyx Medical Corporation
2021218540	BAE Systems PLC	2021225890	Nanjing Bioheng Biotech Co., Ltd
2021218578	Amicus Therapeutics, Inc.	2021225956	ClearFlame Engines, Inc.
2021218586	Citrix Systems, Inc.	2021226132	Hanes Innerwear Australia Pty Ltd
2021218661	The Johns Hopkins University	2021226330	Ab Initio Technology LLC
2021218682	StimAire, Inc.	2021226354	In-Situ, Inc.
2021218695	Francisquini, M.	2021226688	Expro North Sea Limited
2021218785	Sherman + Reilly, Inc.	2021226734	Nanocomp Technologies, Inc.
2021218797	The Board of Trustees of the University of Illinois	2021227065	Telefonaktiebolaget LM Ericsson (publ)
2021218929	Evive Biotechnology (Shanghai) Ltd	2021227095	Xellia Pharmaceuticals ApS
2021218985	Institut Pasteur	2021227191	Allogene Therapeutics, Inc.
2021219095	Touchlight IP Limited	2021227396	Schreder S.A.
2021219159	Chugai Seiyaku Kabushiki Kaisha	2021227422	Oxford Instruments Nanotechnology Tools Limited
2021219267	Bertin Technologies	2021227435	BAE Systems PLC
2021219321	Wandercraft	2021228204	Technische Universität Berlin
2021219370	Curadev Pharma Pvt. Ltd.	2021228640	Becton, Dickinson and Company
2021219571	Telefonaktiebolaget LM Ericsson (publ)	2021229659	International Business Machines Corporation
2021219668	Jounce Therapeutics, Inc.	2021229663	Cordio Medical Ltd.
2021219707	William Marsh Rice University	2021229961	Zhejiang Chint Electrics Co., Ltd.
2021219730	Amgen Inc.	2021230068	Casale SA
2021219795	Massachusetts Eye and Ear Infirmary	2021230531	AppHarvest Technology, Inc.
2021219839	Amgen Inc.	2021230588	Olema Pharmaceuticals, Inc.
2021219885	Beijing Immunochina Pharmaceuticals Co., Ltd.	2021231219	Weidmüller Interface GmbH & Co. KG
2021219886	Beijing Immunochina Pharmaceuticals Co., Ltd.	2021231312	Bayer Aktiengesellschaft; Deutsches Krebsforschung- szentrum
2021219975	Croda International PLC		
2021220185	CNH Industrial Canada, Ltd.		
2021220263	Glycoscience, S.L.		
2021220302	Danmarks Tekniske Universitet		
2021220618	Sigvaris AG		
2021220673	Medela Holding AG		

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2021231419	International Business Machines Corporation
2021231439	International Business Machines Corporation
2021231509	Topsøe A/S
2021231787	Alpha Co., Ltd.
2021232204	Curved Earth Designs Pty Ltd
2021232418	KEIWA Incorporated
2021232886	Worthington Cylinders Corporation
2021233213	International Business Machines Corporation
2021233893	Baxter International Inc.; Baxter Healthcare SA
2021234176	International Business Machines Corporation
2021235254	ILC Therapeutics Limited
2021235411	Malcolmson, D.
2021235526	International Business Machines Corporation
2021235527	International Business Machines Corporation
2021236141	ImmunityBio, Inc.
2021236193	Electrolux Appliances Aktiebolag
2021236265	Norsk Hydro ASA
2021236350	International Business Machines Corporation
2021236848	Hilti Aktiengesellschaft
2021237233	Amgen Inc.
2021237384	Amgen Inc.
2021237602	International Business Machines Corporation
2021237822	International Business Machines Corporation
2021238275	Parker-Hannifin Corporation
2021238693	Hilti Aktiengesellschaft
2021238717	Singlera Health Technologies (Shanghai) Ltd.
2021238768	Electrolux Appliances Aktiebolag
2021238860	Unex Aparellaje Electrico S.L.
2021238924	Ipsen Biopharm Limited
2021238958	International Business Machines Corporation
2021238962	International Business Machines Corporation
2021239948	Pneumatic Scale Corporation
2021240438	Tyco Fire Products LP
2021240647	Foshan Tiansi Hardware Co., Ltd
2021241795	R.G.C.C. Holdings AG
2021243494	Vifor (International) AG
2021244775	Plant IP Pty Ltd
2021244891	Electrolux Appliances Aktiebolag
2021245358	Société des Produits Nestlé S.A.
2021248744	EyeTracking LLC
2021249202	HG Partners, LLC
2021249461	Société des Produits Nestlé S.A.
2021251459	Autolus Limited
2021253128	Sareum Limited
2021253507	Ellipse World, Inc.
2021254753	ImmunityBio, Inc.
2021255344	Halliburton Energy Services, Inc.
2021256476	Aché Laboratórios Farmacêuticos S.A.
2021258283	Sage Science, Inc.
2021261745	Novocure GmbH
2021264494	Moog Inc.
2021266536	Korea Institute of Science and Technology
2021276957	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.
2021278069	Nanjing Bioheng Biotech Co., Ltd
2021284247	DuPont Safety & Construction, Inc.
2021286750	South China Sea Institute of Oceanology, Chinese Academy of Sciences
2021292366	Atlas Elektronik GmbH; thyssenkrupp AG
2021302997	LG Energy Solution, Ltd.
2021340168	Societe des Produits Nestle S.A.
2021367386	Nanjing Nutrabuilding Bio-Tech Co., Ltd.
2021373379	Bar, H.
2021376697	Shanghai Municipal Engineering Design Institute (Group) Co., Ltd.
2021376720	Guangzhou Pluslife Technology Co., Ltd.; Guangzhou Pluslife Biotech Co., Ltd.
2021404856	Tongwei Solar (Jintang) Co., Ltd.
2021411017	Sirio Pharma Co., Ltd.
2021416462	LG Electronics Inc.
2021420312	ZTE Corporation
2022206468	Coolcharge Pty Ltd

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2021219975	2020418980	2021221185	2021220618	2021229663	2020417018
	<b><u>A01P 17 /-</u></b>			2021237384	2020417265
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2021230531		2021221185	2021224905		<b><u>A61H 1 /-</u></b>
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2021211426		2021221185	2021224905	2021212658	<b><u>A61J 1 /-</u></b>
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2020427583		2021228204		<b><u>A61C 1 /-</u></b>	2020414151
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<b><u>A01G 31 /-</u></b>	2021206509		2020416095		2020417813
2021220685	2021214985	<b><u>A23L 29 /-</u></b>		<b><u>A61C 7 /-</u></b>	2020418006
		2021411017	<b><u>A47J 37 /-</u></b>	2021204888	2020422620
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2021220685	2021206509	<b><u>A23L 3 /-</u></b>		<b><u>A61C 8 /-</u></b>	2020427201
	2021217133	2021217182	<b><u>A61B 17 /-</u></b>	2020440109	2020428591
<b><u>A01K 1 /-</u></b>		2021217956	2020429135		2021205373
2021284247	<b><u>A23B 4 /-</u></b>	2021221027	2020440109	<b><u>A61D 7 /-</u></b>	2021205834
	2021217956		2021207525	2021216462	2021205916
<b><u>A01K 15 /-</u></b>		<b><u>A23L 33 /-</u></b>	2021207853		2021206240
2021284247	<b><u>A23B 7 /-</u></b>	2021216555	2021212386	<b><u>A61F 11 /-</u></b>	2021206280
	2021217956	2021217133	2021215702	2021209675	2021210405
<b><u>A01N 1 /-</u></b>	2021221027	2021245358	2021225786		2021210986
2021206706		2021249461		<b><u>A61F 13 /-</u></b>	2021211012
	<b><u>A23B 9 /-</u></b>		<b><u>A61B 18 /-</u></b>		2021211732
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2021219975		2021214985	2021225786	2021206609	2021213469
2021221027				2021223085	2021213748
	<b><u>A23C 19 /-</u></b>	<b><u>A23P 20 /-</u></b>	<b><u>A61B 3 /-</u></b>	2021226132	2021213776
<b><u>A01N 37 /-</u></b>	2021214985	2021214985	2021214870		2021214399
2021221027	2021221027			<b><u>A61F 2 /-</u></b>	2021214774
		<b><u>A24B 3 /-</u></b>		2020416057	2021214805
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2021217956			2020426470	2020417255	2021215408
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2021219975			2020359071	2020418360	2021216324
2021224925	<b><u>A23C 9 /-</u></b>		2020418520	2020427699	2021216474
2021231787	2021220302	<b><u>A24F 40 /-</u></b>	2020418515	2021205797	2021216679
		2021213303	2020418520	2021212183	2021216720
<b><u>A01N 43 /-</u></b>	2021220302	2021213897	2020420915	2021212183	2021217111
2021213184	2021221027	2021213960	2020427710	2021214776	2021217164
2021220263			2021207530	2021217945	2021217399
2021221027	<b><u>A23G 3 /-</u></b>		2021209435		2021217665
2021231787	2021206509	<b><u>A41B 9 /-</u></b>	2021210818	<b><u>A61F 5 /-</u></b>	2021217956
		2021226132	2021210835	2021219370	2021218578
<b><u>A01N 55 /-</u></b>	<b><u>A23J 1 /-</u></b>		2021211372	2021219370	2021219370
2021217956	2021224744	<b><u>A41G 1 /-</u></b>	2021212395	2021220883	2021220883
		2021214054	2021213048	2021221109	2021221109
<b><u>A01N 63 /-</u></b>		2021215881	2021214054	2021222393	2021224588
2021213377	<b><u>A23J 3 /-</u></b>	2021222845	2021222845	2021223084	2021224899
2021221027	2021224744	2021220618	2021225709	2021226132	2021227095
					2021230588
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					2021241795

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2021243494	2021222307	2021206693	<b><u>A61M 25 /-</u></b>	2021219370	2021215936
2021245358	2021224572	2021210986		<b><u>A61P 17 /-</u></b>	2021218929
2021249461	2021225890	2021213776	2021207689		2021218985
2021253128	2021227191	2021214124	2021209593	2020427201	2021221287
2021256476	2021236141	2021214399	2021209834	2020428591	2021224588
2021367386	2021251459	2021214719	2021209990	2021210773	2021236141
	2021254753	2021214752	2021210393	2021214399	2021241795
<b><u>A61K 33 /-</u></b>	2021278069	2021215407	2021213048	2021235254	2021254753
		2021215408			2021278069
2021216324	<b><u>A61K 45 /-</u></b>	2021215935	<b><u>A61M 31 /-</u></b>	<b><u>A61P 19 /-</u></b>	<b><u>A61P 33 /-</u></b>
<b><u>A61K 35 /-</u></b>	2021207010	2021216462	2021221977	2020428591	2021214719
	2021219159	2021216679		2021216474	2021218797
2021207984	2021221109	2021216720	<b><u>A61M 39 /-</u></b>	2021219370	
2021213377	2021249461	2021217111			<b><u>A61P 35 /-</u></b>
2021213956		2021217164	2021207689	<b><u>A61P 21 /-</u></b>	
2021214124	<b><u>A61K 47 /-</u></b>	2021217399	2021213069	2020422620	2020414151
2021218661		2021218578	2021214413	2021215407	2020416484
2021219885	2021205373	2021219839	2021214834	2021215407	2020417813
2021227191	2021206280	2021220883	2021216262	2021216611	2020418006
2021278069	2021206693	2021221109	2021228640	2021238924	2020419050
	2021210025	2021221987	<b><u>A61M 5 /-</u></b>	2021249461	2020422620
<b><u>A61K 36 /-</u></b>	2021210079	2021222307		<b><u>A61P 25 /-</u></b>	2021205144
	2021210986	2021224899	2021212614	2021207010	2021206240
2020427201	2021214124	2021227095	2021213058	2021210405	2021206280
2021216474	2021214399	2021233893	2021213724	2021215407	2021206616
2021216555	2021214719	2021241795	2021214052	2021215407	2021210025
<b><u>A61K 38 /-</u></b>	2021215407		2021214054	2021215408	2021210079
	2021215408	<b><u>A61L 15 /-</u></b>	2021215717	2021216720	2021211669
2020416990	2021216679		2021221977	2021219370	2021211925
2020417892	2021216720	2021214752	2021228640	2021224899	2021213469
2020418207	2021219707	<b><u>A61L 2 /-</u></b>	2021237233	2021245358	2021215623
2020418554	2021219839		2021237384		2021215893
2020430016	2021221287	2020441251		<b><u>A61P 27 /-</u></b>	2021217665
2021206018	2021222307		<b><u>A61M 60 /-</u></b>	2021205373	2021218661
2021206693	2021227095	<b><u>A61L 24 /-</u></b>	2020417203	2021216679	2021219159
2021210773	2021233893		2020417811	2021219370	2021219668
2021213064		2020427699	2021215346		2021219730
2021213377	<b><u>A61K 48 /-</u></b>			<b><u>A61P 29 /-</u></b>	2021219885
2021213682		<b><u>A61L 27 /-</u></b>	<b><u>A61N 1 /-</u></b>	2020418554	2021221287
2021214163	2020417255			2020419182	2021222972
2021216611	2021205373	2020427699	<b><u>A61N 1 /-</u></b>	2020419182	2021223702
2021216999	2021215407		2020427710	2021219370	2021223703
2021217353	2021215408	<b><u>A61L 29 /-</u></b>	2021209435	2021220883	2021224572
2021218929	2021216720		2021210818	2021222307	2021225890
2021219886	2021219707	2021209593	2021215702	2021253128	2021227191
2021221027	2021219795	2021214776	2021215881		2021231312
2021222972	2021223589	<b><u>A61M 1 /-</u></b>	2021217182	<b><u>A61P 3 /-</u></b>	2021278069
2021223702			2021218682		<b><u>A61P 37 /-</u></b>
2021223703	<b><u>A61K 49 /-</u></b>	2021212614	2021261745	2020417892	
2021224572		2021213724	<b><u>A61N 7 /-</u></b>	2020418207	2020416484
2021235254	2020359071	2021214052		2020426356	2020418006
2021238924	2021222307	2021220673	2021212658	2021207010	2020428591
	<b><u>A61K 51 /-</u></b>	2021222419		2021214124	2021206242
<b><u>A61K 39 /-</u></b>		<b><u>A61M 15 /-</u></b>	<b><u>A61P 1 /-</u></b>	2021216324	2021210025
	2021206242			2021218578	2021211669
2020416989	2021218661	2020468917	2020430016	2021219370	2021217353
2020416990		<b><u>A61M 16 /-</u></b>	2021207984	2021243494	2021222307
2020419050	<b><u>A61K 6 /-</u></b>		2021213776	2021249461	2021227191
2021205144		2020468917	2021219370	2021256476	2021235254
2021207010	2020359071	2021214413	2021256476		2021253128
2021209746		2021214974	<b><u>A61P 11 /-</u></b>	<b><u>A61P 31 /-</u></b>	2021278069
2021210025	<b><u>A61K 8 /-</u></b>	2021216536		2020416484	
2021210773		2021238275	2021213776	2020416989	2021213776
2021212760	2020427201	<b><u>A61M 21 /-</u></b>	2021241795	2021207984	2021215623
2021214774	2021214568			2021211669	2021218578
2021218661	2021220263	2021212394	<b><u>A61P 13 /-</u></b>	2021214163	2021219159
2021218661	2021221027			2021214774	2021219159
2021218797			2021205916	2021215772	2021241795
2021218797	<b><u>A61K 9 /-</u></b>		2021206018		
2021219159			2021218578		
2021219668	2020419182				
2021219839	2021205373				
2021221287					

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

<b><u>A61P 7 /-</u></b>	<b><u>B01J 27 /-</u></b>	<b><u>B26D 7 /-</u></b>	<b><u>B60B 15 /-</u></b>	2021221258	<b><u>B65G 65 /-</u></b>
2021206693	2021206375	2021221132	2021225352	<b><u>B63C 9 /-</u></b>	2021217512
2021243494	2021266536		<b><u>B60B 17 /-</u></b>	2021213404	<b><u>B66C 1 /-</u></b>
<b><u>A61P 9 /-</u></b>	<b><u>B01J 29 /-</u></b>	<b><u>B28B 7 /-</u></b>	2021212784	<b><u>B63G 7 /-</u></b>	2021211415
2021207010	2021230068	2021235411	<b><u>B60J 1 /-</u></b>	2021292366	<b><u>B67B 3 /-</u></b>
2021213748	<b><u>B01J 32 /-</u></b>	<b><u>B29C 45 /-</u></b>	2021232204	<b><u>B63G 8 /-</u></b>	2021214348
2021216324	2021213609	2021224569	<b><u>B60J 3 /-</u></b>	2021292366	<b><u>B81C 1 /-</u></b>
2021219370	<b><u>B01J 35 /-</u></b>	<b><u>B29C 48 /-</u></b>	2021232204	<b><u>B63H 20 /-</u></b>	2021206223
<b><u>A61Q 17 /-</u></b>	2021230068	2021238860	<b><u>B60K 6 /-</u></b>	2021216597	<b><u>B82Y 40 /-</u></b>
2021214568	2021266536	<b><u>B29C 64 /-</u></b>	2021215850	<b><u>B63H 21 /-</u></b>	2021226734
<b><u>A61Q 19 /-</u></b>	<b><u>B01J 37 /-</u></b>	2020430115	<b><u>B60L 1 /-</u></b>	2021216597	<b><u>B82Y 5 /-</u></b>
2020427201	2021213609	<b><u>B29C 70 /-</u></b>	2020437887	<b><u>B64C 3 /-</u></b>	2021219707
2021214568	2021266536	2021224569	<b><u>B60L 15 /-</u></b>	2021216411	2021221987
2021221027	<b><u>B01L 3 /-</u></b>	<b><u>B32B 13 /-</u></b>	2020431937	<b><u>B64C 39 /-</u></b>	<b><u>C01B 21 /-</u></b>
<b><u>A62C 3 /-</u></b>	2021210655	2021232418	<b><u>B60L 3 /-</u></b>	2021373379	2021230068
2021373379	2021220690	<b><u>B32B 27 /-</u></b>	2020431937	<b><u>B64D 11 /-</u></b>	<b><u>C01B 3 /-</u></b>
<b><u>A62C 99 /-</u></b>	<b><u>B04C 5 /-</u></b>	2020420610	<b><u>B60L 7 /-</u></b>	2021216874	2021231509
2021240438	2020418089	2021206145	2020431937	<b><u>B65B 57 /-</u></b>	<b><u>C01B 32 /-</u></b>
<b><u>A62D 1 /-</u></b>	<b><u>B05D 5 /-</u></b>	2021226132	<b><u>B60P 1 /-</u></b>	2021214348	2021217843
2021240438	2021220771	2021232418	<b><u>B60P 7 /-</u></b>	<b><u>B65B 7 /-</u></b>	2021226734
<b><u>B01D 19 /-</u></b>	<b><u>B21D 47 /-</u></b>	<b><u>B32B 3 /-</u></b>	2020431937	2021214348	<b><u>C01C 1 /-</u></b>
2021213021	2021216411	2021205306	<b><u>B60P 9 /-</u></b>	<b><u>B65D 21 /-</u></b>	2021213609
<b><u>B01D 21 /-</u></b>	<b><u>B23K 26 /-</u></b>	2021232418	2021208465	2020421470	2021266536
2020418089	2021209391	2021284247	<b><u>B60R 9 /-</u></b>	<b><u>B65D 5 /-</u></b>	<b><u>C01F 11 /-</u></b>
2020421906	<b><u>B23K 5 /-</u></b>	<b><u>B32B 5 /-</u></b>	2021244775	2021215717	2021213609
2021213585	2021232886	<b><u>B32B 7 /-</u></b>	<b><u>B61C 3 /-</u></b>	<b><u>B65D 81 /-</u></b>	<b><u>C01G 31 /-</u></b>
2021214291	<b><u>B23P 19 /-</u></b>	2021232418	2021212784	2021216874	2021217501
2021239948	2021216390	2021284247	<b><u>B61K 7 /-</u></b>	2021216874	<b><u>C02F 1 /-</u></b>
<b><u>B01D 3 /-</u></b>	<b><u>B23Q 1 /-</u></b>	<b><u>B33Y 10 /-</u></b>	2021212784	<b><u>B65D 85 /-</u></b>	2021210190
2021231509	2021216390	2020430115	<b><u>B63B 21 /-</u></b>	2021340168	2021213585
<b><u>B01D 47 /-</u></b>	<b><u>B25H 3 /-</u></b>	<b><u>B33Y 50 /-</u></b>	2021249202	<b><u>B65F 5 /-</u></b>	2021214291
2020418089	2020421470	2020430115	<b><u>B63B 27 /-</u></b>	2020422174	<b><u>C02F 101 /-</u></b>
2020421906	<b><u>B25J 15 /-</u></b>	<b><u>B44D 3 /-</u></b>	2021218539	<b><u>B65G 3 /-</u></b>	2021210190
2021213585	2021216390	2021220771	2021221258	2021217512	2021210190
2021214291	<b><u>B25J 9 /-</u></b>	<b><u>B44F 5 /-</u></b>	<b><u>B63B 35 /-</u></b>	<b><u>B65G 47 /-</u></b>	2021376697
2021239948	2020441251	2021220771	2021249202	2020426470	<b><u>C02F 3 /-</u></b>
<b><u>B01D 53 /-</u></b>	2021212183	<b><u>B44F 7 /-</u></b>	<b><u>B63B 39 /-</u></b>	2021214332	2021209421
2021217843	<b><u>B26D 1 /-</u></b>	2021220771	<b><u>B63B 59 /-</u></b>	<b><u>B65G 53 /-</u></b>	2021210190
2021230068	2021221132	<b><u>B60B 11 /-</u></b>	2021216597	2020422174	<b><u>C02F 9 /-</u></b>
2021376697	<b><u>B26D 3 /-</u></b>	2021225352	2021218539		2021210190
<b><u>B01J 19 /-</u></b>	2021221132				2021376697
2021206223					
<b><u>B01J 21 /-</u></b>					
2021266536					
<b><u>B01J 23 /-</u></b>					
2021206375					
2021215607					
2021266536					

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

<b><u>C04B 14 /-</u></b>	<b><u>C07D 265 /-</u></b>	<b><u>C07D 495 /-</u></b>	2021205144 2021206693 2021207010 2021209746 2021210025 2021210079 2021210482 2021211669 2021212760 2021215936 2021218661 2021219159 2021219668 2021219885 2021221277 2021221287 2021224572 2021227191	<b><u>C08L 51 /-</u></b>	<b><u>C10L 10 /-</u></b>
2021213470	2021219370	2020417813 2021215623		2021213963	2022206468
<b><u>C04B 28 /-</u></b>	<b><u>C07D 277 /-</u></b>	<b><u>C07D 519 /-</u></b>	2021210079 2021210482 2021211669 2021212760 2021215936 2021218661 2021219159 2021219668 2021219885 2021221277 2021221287 2021224572 2021227191	<b><u>C08L 63 /-</u></b>	<b><u>C12C 5 /-</u></b>
2021213470	2021213257	2021206240		2021213963	2021228204
<b><u>C04B 40 /-</u></b>	<b><u>C07D 279 /-</u></b>	<b><u>C07F 5 /-</u></b>	2021218661 2021219159 2021219668 2021219885 2021221277 2021221287 2021224572 2021227191	<b><u>C08L 75 /-</u></b>	<b><u>C12C 7 /-</u></b>
2021235411	2021219370	2021211925 2021217956		2021213725	2021228204
<b><u>C04B 41 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07F 7 /-</u></b>	2021219885 2021221277 2021221287 2021224572 2021227191	<b><u>C09D 11 /-</u></b>	<b><u>C12M 1 /-</u></b>
2021232418	2021210079	2020408144		2020408144	2020417255 2021215337 2021217182 2021217469 2021217770 2021239948
<b><u>C05F 17 /-</u></b>	<b><u>C07D 401 /-</u></b>	<b><u>C07F 9 /-</u></b>	2021205416 2021219886 2021225890	<b><u>C09D 133 /-</u></b>	<b><u>C12M 3 /-</u></b>
2021209937	2020414151 2021205834 2021213184 2021217148 2021219730	2021216324 2021224588		2021214056	2021239948
<b><u>C05F 3 /-</u></b>		<b><u>C07H 1 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C09D 189 /-</u></b>	
2021209937		2021220263	2021205416 2021219886 2021225890	2021219975	
<b><u>C07C 233 /-</u></b>	<b><u>C07D 403 /-</u></b>	<b><u>C07H 15 /-</u></b>	<b><u>C07K 5 /-</u></b>	<b><u>C09D 5 /-</u></b>	<b><u>C12N 1 /-</u></b>
2021231787	2020414151 2021213258 2021219370 2021219730	2021206280 2021220263	2021214163 2021216999	2020408144 2021214056	2020418980 2021220302
<b><u>C07C 403 /-</u></b>		<b><u>C07H 17 /-</u></b>	<b><u>C07K 7 /-</u></b>	<b><u>C09D 7 /-</u></b>	<b><u>C12N 11 /-</u></b>
2021224925		2021220263	2020418980 2021206616 2021217353	2020408144 2021214056	2021206706
<b><u>C07C 69 /-</u></b>	<b><u>C07D 405 /-</u></b>	<b><u>C07H 7 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C09J 11 /-</u></b>	<b><u>C12N 13 /-</u></b>
2021215772	2021211925 2021213184 2021219730	2021224588	2021206145 2021213725 2021236848 2021238693	2020408144	2021215337 2021217182 2021217469
<b><u>C07D 209 /-</u></b>	<b><u>C07D 409 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C08G 59 /-</u></b>	<b><u>C09J 133 /-</u></b>	<b><u>C12N 15 /-</u></b>
2020414151 2021211925	2021213184	2021216548	2021224569	2020420610	2020427583 2021205416 2021206616 2021207010 2021207685 2021210025 2021211012 2021213956 2021214774 2021215407 2021215408 2021215885 2021215935 2021216593 2021216720 2021216930 2021218985 2021219159 2021219707 2021219795 2021222028 2021223589 2021225890 2021236141 2021258283 2021278069
<b><u>C07D 211 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08G 63 /-</u></b>	<b><u>C09J 175 /-</u></b>	
2021211732	2021213184 2021219370 2021219730 2021243494	2020416358 2020416989 2020416990 2020417892 2020418207 2020427583 2021205416 2021211874 2021214774 2021215893 2021215935 2021217353 2021218929 2021218985 2021219885 2021222972 2021223589 2021223702 2021223703 2021227191 2021236141 2021251459 2021254753	2020422756	2021236848 2021238693	
<b><u>C07D 215 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>C09J 5 /-</u></b>	
2021217148	2021219370 2021219730	2020422756	2020420610 2021213963 2021215607 2021224569	2020420610	
<b><u>C07D 235 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C08J 9 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C09K 3 /-</u></b>	
2021256476	2021219370 2021219730	2021218985	2021206145 2021213963 2021215607 2021224569	2021236848 2021238693	
<b><u>C07D 239 /-</u></b>		<b><u>C08J 9 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C09K 5 /-</u></b>	
2021213748 2021219370 2021241795	2020416484 2020417813 2020418006 2020428591 2021206240 2021216324 2021217665 2021219370 2021230588	2021218985	2021214056	2021213725	
<b><u>C07D 241 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C09K 8 /-</u></b>	
2021205834 2021219370	2020417813 2020428591 2021206240 2021231312	2020417813 2020419050	2021214056	2021213470	
<b><u>C07D 249 /-</u></b>			<b><u>C08K 5 /-</u></b>	<b><u>C10J 3 /-</u></b>	
2021205916			2020408144 2020420610 2021213725	2021225098	
<b><u>C07D 257 /-</u></b>			<b><u>C10K 3 /-</u></b>	<b><u>C10K 3 /-</u></b>	
2021206242			2020408144 2020420610 2021213725	2021225098	
<b><u>C07D 263 /-</u></b>				<b><u>C10L 1 /-</u></b>	
2021253128				2022206468	2020417255 2021205416



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2021211713	<b><u>C25B 9/-</u></b>	<b><u>E04B 1/-</u></b>	2021226688	<b><u>F16J 3/-</u></b>	<b><u>F24F 1/-</u></b>
2021219886					
2021224724	2021215607	2021217071	<b><u>E21B 49/-</u></b>	2021217754	2020427646
2021225890	<b><u>C40B 30/-</u></b>	<b><u>E04B 2/-</u></b>	2021226688	<b><u>F16K 11/-</u></b>	<b><u>F24F 11/-</u></b>
2021251459					
<b><u>C12N 7/-</u></b>	2021214252	2021216390	<b><u>E21C 41/-</u></b>	2021216262	2020427646
2021236141	<b><u>C40B 40/-</u></b>	<b><u>E04B 9/-</u></b>	2021236265	<b><u>F16K 31/-</u></b>	<b><u>F24S 10/-</u></b>
<b><u>C12N 9/-</u></b>	2021207685	2021217071	<b><u>E21D 11/-</u></b>	2021216262	2020427248
	2021214252				
2021207685	<b><u>D01D 4/-</u></b>	<b><u>E04C 2/-</u></b>	2021232418	<b><u>F16K 35/-</u></b>	<b><u>F24S 20/-</u></b>
2021214163					
2021216930	2020419903	2021217071	<b><u>F02B 1/-</u></b>	2021216262	2020427248
2021251459	2020421115	<b><u>E04C 3/-</u></b>	2021225956	<b><u>F16L 25/-</u></b>	<b><u>F24S 23/-</u></b>
2021376720					
<b><u>C12P 19/-</u></b>	<b><u>D01D 5/-</u></b>	2021211739	<b><u>F02C 6/-</u></b>	2020421906	2020427248
2021219095	2020419903	<b><u>E04F 11/-</u></b>	2021217355	<b><u>F16L 3/-</u></b>	<b><u>F24S 60/-</u></b>
2021220302	2020421115				
		2021208716	<b><u>F02C 7/-</u></b>	2021238860	2020427248
<b><u>C12P 21/-</u></b>	<b><u>D01F 6/-</u></b>	<b><u>E04F 13/-</u></b>	2021217355	<b><u>F17C 13/-</u></b>	<b><u>F24S 80/-</u></b>
2020417255	2020419903	2021205306	<b><u>F02D 19/-</u></b>	2021232886	2020427248
2020418980	2020421115	2021206145			
			2021225956	<b><u>F17C 3/-</u></b>	<b><u>F25B 9/-</u></b>
<b><u>C12Q 1/-</u></b>	<b><u>D04B 1/-</u></b>	<b><u>E04F 15/-</u></b>	2022206468		
				2021227422	2021227422
2020428397	2021226132	2021205306	<b><u>F02D 41/-</u></b>		
2021207685	<b><u>D04H 3/-</u></b>	2021206145		<b><u>F21S 2/-</u></b>	<b><u>F25D 11/-</u></b>
2021209128			2021225956		
2021212731	2020419903	<b><u>E04G 23/-</u></b>		2021227396	2021223034
2021213956	2020421115		<b><u>F02M 43/-</u></b>		
2021214252		2021232418		<b><u>F21V 14/-</u></b>	<b><u>F25D 17/-</u></b>
2021215034	<b><u>D06M 16/-</u></b>		2022206468		
2021219095		<b><u>E04G 5/-</u></b>		2021212608	2021244891
2021222972	2021226132		<b><u>F04B 9/-</u></b>	<b><u>F21V 21/-</u></b>	<b><u>F25D 19/-</u></b>
2021223702		2021208716			
2021223703	<b><u>D21H 11/-</u></b>		2021213058	2021227396	2021227422
2021238717		<b><u>E05F 5/-</u></b>			
2021239948	2021211153		<b><u>F15B 15/-</u></b>	<b><u>F21V 23/-</u></b>	<b><u>F25D 23/-</u></b>
2021258283	<b><u>D21H 17/-</u></b>	2021240647			
2021376720			2021217754	2021227396	2021416462
		<b><u>E21B 23/-</u></b>			
<b><u>C12R 1/-</u></b>	2021211153		<b><u>F16B 12/-</u></b>	<b><u>F21V 5/-</u></b>	<b><u>F27B 5/-</u></b>
		2021216337			
2020418980	<b><u>D21H 21/-</u></b>	2021255344		2021212608	2021209391
			2021211739	2021227396	
<b><u>C21D 1/-</u></b>	2021211153	<b><u>E21B 29/-</u></b>	<b><u>F16B 31/-</u></b>		
				<b><u>F21W 131/-</u></b>	<b><u>F27D 27/-</u></b>
2021209391	<b><u>E01D 19/-</u></b>	2021216337			
			2021231219	2021227396	2021210817
<b><u>C21D 9/-</u></b>	2021212288	<b><u>E21B 33/-</u></b>	<b><u>F16B 7/-</u></b>		
	2021215022			<b><u>F21Y 105/-</u></b>	<b><u>F27D 7/-</u></b>
2021209391	<b><u>E01D 22/-</u></b>	2021213470	2021208716		
		2021255344		2021227396	2021209391
<b><u>C22B 34/-</u></b>	2021232418	<b><u>E21B 34/-</u></b>	<b><u>F16B 9/-</u></b>		
				<b><u>F21Y 115/-</u></b>	<b><u>F28D 13/-</u></b>
2021217501	<b><u>E01F 9/-</u></b>	2021255344			
			2021208716	2021227396	2020427248
<b><u>C25B 1/-</u></b>	2021205423	<b><u>E21B 41/-</u></b>	<b><u>F16C 17/-</u></b>		
				<b><u>F22B 37/-</u></b>	<b><u>F41A 3/-</u></b>
2021206375	<b><u>E02F 3/-</u></b>	2020448771	2021221132		
		2021213734		2020433469	2020289038
<b><u>C25B 11/-</u></b>	2021216936	<b><u>E21B 43/-</u></b>	<b><u>F16C 33/-</u></b>		
				<b><u>F23D 14/-</u></b>	<b><u>F41A 33/-</u></b>
2021206375	<b><u>E02F 9/-</u></b>	2020448771	2021221132		
				2021232886	2020289038
<b><u>C25B 13/-</u></b>	2021216936	<b><u>E21B 47/-</u></b>	<b><u>F16G 13/-</u></b>		
				<b><u>F23K 1/-</u></b>	<b><u>F41A 5/-</u></b>
2021215607		2021213734	2021206014		2020289038
				2020433469	

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<b>F41A 9 /-</b>	<b>G01N 33 /-</b>	<b>G03B 37 /-</b>	2021231419	<b>G16H 10 /-</b>	<b>H01M 4 /-</b>
2021264494	2020359071	2020417796	<b>G06N 10 /-</b>	2021212394	2021206366
	2020411972			2021214054	2021217696
<b>F42B 12 /-</b>	2020416358	<b>G05D 16 /-</b>	2021237602		
	2020417219			<b>G16H 20 /-</b>	<b>H01M 50 /-</b>
2021227435	2020417750	2021212667	<b>G06N 3 /-</b>		
	2020418520			2021212394	2021302997
<b>F42B 3 /-</b>	2020419050	<b>G05D 23 /-</b>	2020427318	2021215064	
	2021209128		2021210906	2021248744	<b>H01M 8 /-</b>
2021224538	2021212208	2020416095	<b>G06N 7 /-</b>	<b>G16H 30 /-</b>	2021206366
	2021213956				
<b>F42B 33 /-</b>	2021215936	<b>G06F 12 /-</b>	2021207890	2020421604	<b>H01Q 19 /-</b>
	2021221277			2020421609	
2021227435	2021222972	2020421583	<b>G06N 99 /-</b>		2021216594
	2021223702			<b>G16H 40 /-</b>	
<b>F42B 5 /-</b>	2021223703	<b>G06F 16 /-</b>	2021207890		<b>H01Q 21 /-</b>
				2021248744	
2020289038	<b>G01R 31 /-</b>	2020417229	<b>G06Q 20 /-</b>		2020424043
2021227435		2020418514		<b>G16H 50 /-</b>	2021216594
	2021215990	2020424477	2020427237		
<b>F42B 8 /-</b>		2020427237		2020421604	<b>H01Q 25 /-</b>
	<b>G01S 13 /-</b>	2021226330	<b>G06Q 30 /-</b>	2021207530	
2020289038				2021212394	2021216594
	2021218540	<b>G06F 17 /-</b>	2021206165	2021248744	
<b>G01B 11 /-</b>	2021249202				<b>H01Q 3 /-</b>
		2020416095	<b>G06Q 50 /-</b>	<b>H01B 5 /-</b>	
2020431041	<b>G01S 7 /-</b>	2020416271			2020424043
		2021216592	2020427318	2021218695	
<b>G01C 3 /-</b>	2021218540	2021229663			<b>H01R 101 /-</b>
	2021249202		<b>G06T 1 /-</b>	<b>H01H 71 /-</b>	
2020431041		<b>G06F 21 /-</b>			2020429918
	<b>G01V 9 /-</b>		2020435735	2021229961	
<b>G01D 5 /-</b>		2020417172	2021229659		<b>H01R 13 /-</b>
	2021249202	2020435735		<b>H01L 21 /-</b>	
2021231219		2021218586	<b>G06T 15 /-</b>		2020429918
	<b>G02B 21 /-</b>	2021236350		2021235527	2021226354
<b>G01F 1 /-</b>			2021206674	2021238962	
	2021209675	<b>G06F 3 /-</b>	2021213324		<b>H01R 4 /-</b>
2020429918			<b>G06T 17 /-</b>	<b>H01L 25 /-</b>	
2021210902	<b>G02B 27 /-</b>	2020414715			2021286750
2021212614		2021214147		2021237384	
2021213724	2021212608		2021206674	<b>H01L 27 /-</b>	<b>H01R 9 /-</b>
2021214052		<b>G06F 30 /-</b>	2021213324		
2021216536	<b>G02B 3 /-</b>			2021235527	2021226354
		2021206674	<b>G06T 19 /-</b>	2021238962	
<b>G01F 15 /-</b>	2021212608				<b>H01L 25 /-</b>
		<b>G06F 40 /-</b>	2021206674	2021234176	
2020429918	<b>G02B 30 /-</b>			2021237822	<b>H01S 3 /-</b>
		2021210906	<b>G06T 7 /-</b>	2021238962	
<b>G01J 5 /-</b>	2021209675				2021238958
		<b>G06F 7 /-</b>	2020411972	<b>H01L 29 /-</b>	
2021219267	<b>G02B 5 /-</b>		2021211677		<b>H01S 5 /-</b>
		2021209048		2021234176	2021238958
<b>G01M 11 /-</b>	2020417796		<b>G07C 9 /-</b>	2021238962	
		<b>G06F 9 /-</b>			<b>H01L 31 /-</b>
2021215535	<b>G02B 6 /-</b>		2020435735	2021215857	2021218695
		2020421583		2021404856	
<b>G01M 99 /-</b>	2021226354	2021236350	<b>G10D 7 /-</b>		<b>H02G 1 /-</b>
				<b>H01L 45 /-</b>	
2020418515	<b>G02C 13 /-</b>	<b>G06K 19 /-</b>	2021217772		2021218785
				2021234176	<b>H02G 11 /-</b>
<b>G01N 21 /-</b>	2021215535	2021253507		2021237822	
			<b>G10L 15 /-</b>		2021218785
2020359071	<b>G02C 7 /-</b>	<b>G06K 7 /-</b>		<b>H01L 51 /-</b>	
2021208413			2021229663		<b>H02G 3 /-</b>
	2020416055	2021229659		2021215857	
<b>G01N 27 /-</b>	2020416057		<b>G10L 25 /-</b>		2021238860
	2020416508	<b>G06K 9 /-</b>		<b>H01M 10 /-</b>	
2021258283	2020418360		2021229663		
	2020418447	2020427318		<b>G16B 40 /-</b>	<b>H02G 7 /-</b>
<b>G01N 30 /-</b>	2021215535	2021211677			
		2021213252	2020421609	2021217696	2021218785
2021214518		2021214042		2021302997	
		2021214147			

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<b><u>H02H 1 /-</u></b>	<b><u>H04N 17 /-</u></b>	<b><u>H05B 3 /-</u></b>
2021214973	2020421140	2021213303 2021213897
<b><u>H02H 3 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H05B 6 /-</u></b>
2021214973	2020416341 2021210471	2021216939 2021236193 2021238768
<b><u>H02J 1 /-</u></b>	<b><u>H04N 21 /-</u></b>	<b><u>H05K 1 /-</u></b>
2021218532	2020421140	2021253507
<b><u>H02J 50 /-</u></b>	<b><u>H04N 5 /-</u></b>	<b><u>H05K 7 /-</u></b>
2021218682	2020421140	2021223034
<b><u>H02J 7 /-</u></b>	<b><u>H04N 7 /-</u></b>	
2021218532	2020435735	
<b><u>H02J 9 /-</u></b>	<b><u>H04W 12 /-</u></b>	
2021214973	2021219571	
<b><u>H02S 40 /-</u></b>	<b><u>H04W 24 /-</u></b>	
2021212784	2021205423	
<b><u>H03D 7 /-</u></b>	<b><u>H04W 28 /-</u></b>	
2021237602	2021225572	
<b><u>H03K 17 /-</u></b>	<b><u>H04W 36 /-</u></b>	
2021237602	2020396733 2021219571	
<b><u>H04B 7 /-</u></b>	<b><u>H04W 4 /-</u></b>	
2020424043 2020429408	2021225572	
<b><u>H04L 1 /-</u></b>	<b><u>H04W 40 /-</u></b>	
2021219571 2021222845	2020396733	
<b><u>H04L 12 /-</u></b>	<b><u>H04W 64 /-</u></b>	
2020416492 2020417229	2021227065	
<b><u>H04L 45 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2020409015	2020429408 2021225572 2021420312	
<b><u>H04L 47 /-</u></b>	<b><u>H04W 76 /-</u></b>	
2020409015	2020416492 2020429408 2021219571	
<b><u>H04L 61 /-</u></b>	<b><u>H04W 84 /-</u></b>	
2021209899	2021205423	
<b><u>H04L 65 /-</u></b>	<b><u>H04W 92 /-</u></b>	
2021209899	2021225572	
<b><u>H04L 9 /-</u></b>	<b><u>H05B 1 /-</u></b>	
2021207343 2021209899 2021218586 2021231439 2021233213 2021235526	2021236193 2021238768	

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**A61Q 11/00** ( 2006.01 )  
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**B65G 41/00** ( 2006.01 )  
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**B04B 1/08** ( 2006.01 )  
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**A61K 31/192** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 31/365** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/415** ( 2006.01 )  
**A61K 31/4178** ( 2006.01 )  
**A61K 31/4245** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61K 31/4422** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )  
**A61K 31/7036** ( 2006.01 )  
**A61K 31/734** ( 2006.01 )  
**A61K 36/03** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 5/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 11/12** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )

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**A47K 5/12** ( 2006.01 )  
**A61L 2/16** ( 2006.01 )  
**A61L 2/18** ( 2006.01 )  
**A61L 2/22** ( 2006.01 )  
**A61L 2/24** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
**C07C 309/04** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
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**G16H 10/00** ( 2018.01 )  
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**B67C 3/00** ( 2006.01 )  
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**C21D 1/06** ( 2006.01 )  
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**C22C 38/02** ( 2006.01 )  
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     **B01D 45/16** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
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**(71)** Festool GmbH  
**(11)** AU-B-2017249372  
**(21)** 2017249372 **(22)** 10.04.2017  
**(54)** Hand-held machine tool having a suction hose  
**(51)** Int. Cl.  
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**(74)** AJ PARK

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**(51)** Int. Cl.  
**A61M 16/08** ( 2006.01 )  
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**(51)** Int. Cl.  
**C12N 15/86** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(71)** Foret Plasma Labs, LLC  
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**(54)** SYSTEM, METHOD AND APPARATUS FOR TREATING MINING BYPRODUCTS  
**(51)** Int. Cl.  
**C10G 15/00** ( 2006.01 )  
**B01D 17/02** ( 2006.01 )  
**C10G 32/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C09K 5/18** ( 2006.01 )  
**A47J 36/28** ( 2006.01 )  
**A61F 7/03** ( 2006.01 )  
**C09K 5/16** ( 2006.01 )  
**F24V 30/00** ( 2018.01 )  
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**(72)** Young, Daniel L.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** FortifID, Inc.  
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**(54)** Generating and linking private transaction identifiers to distributed data repositories  
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**H04L 9/32** ( 2006.01 )  
**G06F 21/57** ( 2013.01 )  
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**H04L 9/14** ( 2006.01 )  
**H04W 12/06** ( 2009.01 )  
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**(54)** An audio processor and a method for providing loudspeaker signals  
**(51)** Int. Cl.  
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**H04R 27/00** ( 2006.01 )  
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*C07K 14/705* ( 2006.01 )  
*C07K 14/725* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
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*H01P 1/15* ( 2006.01 )  
*H03F 3/16* ( 2006.01 )  
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*G06N 3/02* ( 2006.01 )  
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*C07C 275/16* ( 2006.01 )  
*C07D 401/12* ( 2006.01 )  
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(71) Google LLC  
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**H01L 31/0216** ( 2014.01 )  
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 Rajendra  
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**(71)** Just Biofiber Corp.  
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**(54)** Interlocking structural block reinfor-  
 cement means and modular building sys-  
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**(51)** Int. Cl.  
**E04C 1/39** ( 2006.01 )  
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**(72)** RADFORD, William Malcolm  
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**D02J 3/02** ( 2006.01 )  
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 Crop Science, Chinese Academy of Ag-  
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 forming plant  
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**A63C 17/01** ( 2006.01 )  
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**(51)** Int. Cl.  
**D21C 5/02** ( 2006.01 )  
**D21B 1/32** ( 2006.01 )  
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 device, and display control method  
**(51)** Int. Cl.  
**E02F 9/26** ( 2006.01 )  
**G06T 7/521** ( 2017.01 )  
**G06T 7/593** ( 2017.01 )  
**G06T 19/00** ( 2011.01 )  
**G09G 5/00** ( 2006.01 )  
**G09G 5/36** ( 2006.01 )  
**G09G 5/377** ( 2006.01 )  
**H04N 7/18** ( 2006.01 )  
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**(54)** System and method for work machine  
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**H04N 7/18** ( 2006.01 )  
**B60R 1/00** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
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 work machine  
**(51)** Int. Cl.  
**E02F 9/22** ( 2006.01 )  
**E02F 9/26** ( 2006.01 )  
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 (51) Int. Cl.  
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**F16L 5/04** ( 2006.01 )  
**A62C 2/06** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )  
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 (51) Int. Cl.  
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**B64C 30/00** ( 2006.01 )  
**B64D 33/02** ( 2006.01 )  
**F23R 3/20** ( 2006.01 )  
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**(51)** Int. Cl.  
**E21F 5/10** ( 2006.01 )  
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**H04W 4/00** ( 2009.01 )  
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**H04W 88/08** ( 2009.01 )  
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**C07K 14/525** ( 2006.01 )  
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**A61P 25/00** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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 PRESTA, Leonard G.  
**(74)** Allens Patent & Trade Mark Attorneys
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**H01R 43/042** ( 2006.01 )  
**B25B 27/14** ( 2006.01 )  
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**H02G 1/12** ( 2006.01 )  
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 BRÜCKNER, Michael; LEGLER, Ralf  
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**(54)** Spatial processing for map geometry  
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**(51)** Int. Cl.  
**G06T 17/05** ( 2011.01 )  
**G01C 21/32** ( 2006.01 )  
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 grams  
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**H04N 21/433** ( 2011.01 )  
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**(54)** Gas sensor capsule  
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**G01N 27/62** ( 2006.01 )  
**A61B 5/07** ( 2006.01 )  
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 methods of use  
**(51)** Int. Cl.  
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**A61K 39/12** ( 2006.01 )  
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 VAT, Regina Sophia; DOWDEN, Nathan  
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- (71)** Samsung Electronics Co., Ltd.  
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 uplink signal transmission timing in  
 wireless communication system  
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**H04W 72/12** ( 2009.01 )

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**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
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**(51)** Int. Cl.  
**A23F 5/24** ( 2006.01 )  
**A23C 9/152** ( 2006.01 )  
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**(74)** Griffith Hack

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**(11)** AU-B-2019293900  
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**(51)** Int. Cl.  
**A23L 33/20** ( 2016.01 )  
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**(51)** Int. Cl.  
**B64B 1/58** ( 2006.01 )  
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**B32B 7/04** ( 2006.01 )  
**B32B 7/12** ( 2006.01 )  
**B32B 27/06** ( 2006.01 )  
**B32B 27/08** ( 2006.01 )  
**B32B 27/12** ( 2006.01 )  
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**(71)** Schlage Lock Company LLC  
**(11)** AU-B-2021212131  
**(21)** 2021212131 **(22)** 06.08.2021  
**(54)** LOCK DEVICES, SYSTEMS AND METHODS  
**(51)** Int. Cl.  
**E05B 47/06** ( 2006.01 )  
**(43)** 26.08.2021  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Schneider Electric Industries SAS  
**(11)** AU-B-2021204251  
**(21)** 2021204251 **(22)** 23.06.2021  
**(54)** OPERATING MECHANISM FOR DUAL POWER SUPPLY CHANGEOVER SWITCH AND DUAL POWER SUPPLY CHANGEOVER SWITCH  
**(51)** Int. Cl.  
**H01H 3/28** ( 2006.01 )  
**H01H 3/38** ( 2006.01 )  
**H01H 9/26** ( 2006.01 )  
**H01H 23/24** ( 2006.01 )  
**H01H 50/32** ( 2006.01 )

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**(51)** Int. Cl.  
**C07D 207/36** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 5/062** ( 2006.01 )  
**(87)** WO2018/031690

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**(71)** Secure International Holdings Pte. Ltd  
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**(54)** Utility Meter  
**(51)** Int. Cl.  
**G01R 11/00** ( 2006.01 )  
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**C12Q 1/6823** ( 2018.01 )  
**G16B 40/10** ( 2019.01 )  
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**(44)** 25.08.2022  
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**(74)** FB Rice Pty Ltd

**(71)** Seko S.p.A.  
**(11)** AU-B-2017354108  
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**(54)** Adjusting method and system for dispensing chemical products  
**(51)** Int. Cl.  
**C02F 1/68** ( 2006.01 )  
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**(74)** James & Wells Intellectual Property

**(71)** SenseTime International Pte. Ltd.  
**(11)** AU-B-2020309094  
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**(54)** Image processing method and apparatus, electronic device, and storage medium  
**(51)** Int. Cl.  
**G06K 9/62** ( 2006.01 )  
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**(72)** ZHANG, Yao; ZHANG, Wenbin; ZHANG, Shuai  
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 (54) Edge computing method and apparatus, edge device and storage medium  
 (51) Int. Cl.  
*G06F 9/50* ( 2006.01 )  
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 (54) Edge computing-based control method and apparatus, edge device and storage medium  
 (51) Int. Cl.  
*G06F 9/06* ( 2006.01 )  
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 (54) Novel artificial tears containing recombinant human lysozyme and recombinant human EGF  
 (51) Int. Cl.  
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*A61K 31/7012* ( 2006.01 )  
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(71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
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*H04N 19/593* ( 2014.01 )  
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*H01Q 1/52* ( 2006.01 )  
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*B01D 71/06* ( 2006.01 )  
*B01J 39/18* ( 2017.01 )  
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**C07D 239/54** ( 2006.01 )  
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**C07D 213/71** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**C07C 311/08** ( 2006.01 )  
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**C07D 233/20** ( 2006.01 )  
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**C07D 275/02** ( 2006.01 )  
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**A61Q 11/00** ( 2006.01 )  
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**B61L 23/00** ( 2006.01 )  
**B61C 17/12** ( 2006.01 )  
**B61H 13/00** ( 2006.01 )  
**B61L 23/08** ( 2006.01 )  
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**B60T 8/17** ( 2006.01 )  
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**A23L 27/20** ( 2016.01 )  
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**A61J 1/05** ( 2006.01 )  
**A61F 9/00** ( 2006.01 )  
**B01D 35/02** ( 2006.01 )  
**B01D 39/16** ( 2006.01 )  
**B01D 71/06** ( 2006.01 )  
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**H01M 8/0258** ( 2016.01 )  
**C01B 3/40** ( 2006.01 )  
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**A62C 37/11** ( 2006.01 )  
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**H04W 8/22** ( 2009.01 )  
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**H04L 67/60** ( 2022.01 )  
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**H04L 67/52** ( 2022.01 )  
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**(54)** Evaporator  
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**C02F 1/04** ( 2006.01 )  
**B01D 1/06** ( 2006.01 )  
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**C02F 1/10** ( 2006.01 )  
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**(54)** Heteroaryl derivative, method for producing same, and pharmaceutical composition comprising same as effective component  
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**C07D 413/04** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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 F23B 40/02 ( 2006.01 )  
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 H02J 3/38 ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 B60L 58/18 ( 2019.01 )  
 B60L 53/10 ( 2019.01 )  
 B64C 39/02 ( 2006.01 )  
 B64D 27/24 ( 2006.01 )  
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 G05D 1/10 ( 2006.01 )  
 B60L 53/35 ( 2019.01 )  
 B64C 39/02 ( 2006.01 )  
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 G06T 7/73 ( 2017.01 )  
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 A47D 9/02 ( 2006.01 )  
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 G01N 33/68 ( 2006.01 )  
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*G01N 33/543* ( 2006.01 )  
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 (72) ZHANG, Ke  
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ZHEJIANG JINKO SOLAR CO., LTD see  
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 ment Co., LTD  
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*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/02* ( 2006.01 )  
*C07K 19/00* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
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*H04W 4/40* ( 2018.01 )

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<b>2016276942</b>	Children's National Medical Center	<b>2017324154</b>	DePuy Synthes Products, Inc.
<b>2016281666</b>	The Regents of the University of California	<b>2017324780</b>	Berhalter AG
<b>2016288256</b>	AOBiome LLC	<b>2017326737</b>	Varden Process Pty Ltd
<b>2016290523</b>	UCB Biopharma SRL	<b>2017331934</b>	Shuffle Master GmbH & Co KG
<b>2016302569</b>	Amgen Research (Munich) GmbH	<b>2017337095</b>	Erber Aktiengesellschaft
<b>2016305488</b>	Cool Off Pty Ltd	<b>2017339155</b>	Bouygues Travaux Publics
<b>2016306292</b>	Dana-Farber Cancer Institute, Inc.	<b>2017340978</b>	Shobayashi, Y.
<b>2016315924</b>	Mayo Foundation for Medical Education and Research; Exact Sciences Development Company, LLC	<b>2017342752</b>	Caterpillar Inc.
<b>2016322544</b>	Artificial Cell Technologies, Inc.	<b>2017344481</b>	Morgan Tecnica S.p.A.
<b>2016333510</b>	F. Hoffmann-La Roche AG	<b>2017350850</b>	Rearden, LLC
<b>2016335248</b>	AlgiPharma AS	<b>2017351564</b>	SCEYE SA
<b>2016342066</b>	Upstart Power, Inc.	<b>2017354108</b>	Seko S.p.A.
<b>2016349954</b>	Children's Hospital Los Angeles; Antisense Therapeutics Ltd	<b>2017355301</b>	Meetin, R.
<b>2016354509</b>	Flexible Steel Lacing Company	<b>2017358709</b>	Société des Produits Nestlé S.A.
<b>2016358441</b>	University of Ulster	<b>2017365197</b>	Waldemar Link GmbH & Co. KG
<b>2016364976</b>	Cyclieron Therapeutics, Inc.	<b>2017368324</b>	Brightcove, Inc.
<b>2016370846</b>	Ignyta, Inc.	<b>2017371616</b>	BAE Systems plc
<b>2016423156</b>	Halliburton Energy Services, Inc.	<b>2017376451</b>	Forever Young International, Inc.
<b>2016427820</b>	Rovi Guides, Inc	<b>2017385601</b>	Inbiose N.V.
<b>2016430712</b>	Auto Drive Solutions S.L.	<b>2017387752</b>	Sony Corporation
<b>2016433266</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	<b>2017405486</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2017200179</b>	Hunter Douglas Inc.	<b>2017412449</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2017203376</b>	Otis Elevator Company	<b>2017417473</b>	Supracor, Inc.
<b>2017203583</b>	The Boeing Company	<b>2018200465</b>	The Boeing Company
<b>2017214260</b>	Water-Kinetics Limited	<b>2018200471</b>	The Boeing Company
<b>2017214656</b>	Inovio Pharmaceuticals, Inc.	<b>2018213718</b>	Zlip Holding Limited
<b>2017220640</b>	D'Ambrosio, E.	<b>2018217222</b>	CP Packaging, Inc.
<b>2017221823</b>	Decor Corporation Pty Ltd	<b>2018218185</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2017226865</b>	Cardlab ApS	<b>2018223981</b>	Quality Intervention Technology AS
<b>2017240811</b>	Evapco, Inc.	<b>2018227463</b>	CiDRA Corporate Services LLC.
<b>2017244758</b>	The Research Foundation for Microbial Diseases of Osaka University	<b>2018237688</b>	Magic Leap, Inc.
<b>2017246252</b>	California Innovations Inc.	<b>2018250971</b>	Simon Fraser University
<b>2017249108</b>	Automatic Bar Controls, Inc.	<b>2018257949</b>	Visa International Service Association
<b>2017249372</b>	Festool GmbH	<b>2018257999</b>	BAE Systems plc
<b>2017250011</b>	Real Innovations Australia Pty Ltd	<b>2018261328</b>	Magic Leap, Inc.
<b>2017250295</b>	Fred Hutchinson Cancer Center	<b>2018262995</b>	Samsung Electronics Co., Ltd.
<b>2017253495</b>	Pall Corporation	<b>2018264628</b>	Samsung Electronics Co., Ltd.
<b>2017260147</b>	Tata Steel Nederland Technology B.V.	<b>2018275266</b>	Alarm.com Incorporated
<b>2017260148</b>	Tata Steel Nederland Technology B.V.	<b>2018279791</b>	Raytheon Company
<b>2017261288</b>	Evoqua Water Technologies LLC	<b>2018280528</b>	KANEKA CORPORATION; Institute of Crop Science, Chinese Academy of Agricultural Sciences
<b>2017261361</b>	Altitude Medical, Inc.	<b>2018281337</b>	Relinia, Inc.
<b>2017261416</b>	Mintek	<b>2018290186</b>	EI-Watch AS
<b>2017262762</b>	Belanger, Inc.	<b>2018292539</b>	iBasis, Inc
<b>2017263138</b>	Flash Therapeutics	<b>2018293565</b>	Eteros Technologies Inc.
<b>2017268714</b>	Advanced Braking Pty Ltd	<b>2018301580</b>	Telefield Medical Imaging Limited
<b>2017269724</b>	Société des Produits Nestlé S.A.	<b>2018313534</b>	Idemitsu Kosan Co.,Ltd.
<b>2017280850</b>	Cahana, A.	<b>2018322021</b>	Steeped, Inc.
<b>2017290701</b>	Maxeon Solar Pte. Ltd.	<b>2018335254</b>	Novadip Biosciences
<b>2017293647</b>	Ensitech IP Pty Ltd	<b>2018337068</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2017297978</b>	Fisher & Paykel Healthcare Limited	<b>2018347864</b>	C.R. Bard, Inc.
<b>2017300466</b>	Dt - Výhybkárna A Strojírna, A.S.	<b>2018348143</b>	Qualcomm Incorporated
<b>2017301633</b>	CTL Medical Corporation	<b>2018351858</b>	Raytheon Company
<b>2017306899</b>	De' Longhi Appliances S.r.l.	<b>2018352142</b>	Jubilant Epipad LLC
<b>2017308576</b>	Austin Star Detonator Company	<b>2018357200</b>	Cardiac Success Ltd.
<b>2017309412</b>	Fisher & Paykel Healthcare Limited	<b>2018361249</b>	Bristol-Myers Squibb Company
<b>2017310436</b>	Seagen Inc.	<b>2018374404</b>	Rennsteig Werkzeuge GmbH
<b>2017311577</b>	4C Medical Technologies, Inc.	<b>2018374405</b>	Rennsteig Werkzeuge GmbH
<b>2017311669</b>	DePuy Synthes Products, Inc.	<b>2018375173</b>	Takeda Vaccines, Inc.
<b>2017311851</b>	Pendave Pty Ltd	<b>2018382681</b>	Kemira Oyj
<b>2017311852</b>	Royal Melbourne Institute of Technology	<b>2018387693</b>	Syngenta Crop Protection AG
<b>2017316141</b>	BL Technologies, Inc.	<b>2018389346</b>	Rubius Therapeutics, Inc.
<b>2017316607</b>	Rearden, LLC	<b>2018393119</b>	Kowa Company, Ltd.
<b>2017320330</b>	VMACTEK Pty Ltd		

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2018428269	Shaanxi Huikang Bio-Tech Co., Ltd.	2020210264	Aristocrat Technologies Australia Pty Limited
2018431356	China Railway Construction Heavy Industry Corporation Limited	2020211863	Komatsu Ltd.
2018431394	Telefonaktiebolaget LM Ericsson (publ)	2020215361	Hitachi Industrial Products, Ltd.
2018435852	Samyang Corporation	2020217313	Victaulic Company
2018449556	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	2020217414	The Gillette Company LLC
2019200318	Hensoldt Sensors GmbH	2020220265	Unilever IP Holdings B.V.
2019200880	LG Electronics Inc.	2020221347	Vanda Pharmaceuticals Inc.; Polymeropoulos, M.; Smieszek, S.
2019232055	LG Electronics Inc.	2020223642	Acorn Mobility Services Limited
2019238187	Microsoft Technology Licensing, LLC	2020223780	Secure International Holdings Pte. Ltd
2019246982	FortifiD, Inc.	2020224417	Mitsubishi Heavy Industries, Ltd.
2019255182	Access Global Sciences, LLC	2020227112	Foret Plasma Labs, LLC
2019255933	Seegene, Inc. .	2020229253	Yujoo Co., Ltd.
2019262945	PureWick Corporation	2020230338	AMSL Innovations Pty Ltd
2019263363	LG Electronics Inc.	2020231412	Smiths Medical ASD, Inc.
2019272538	The Liver Company Inc.	2020233718	Dalian University of Technology
2019280705	Wi-Tronix, LLC	2020233721	Cino Technology (Shenzhen) Limited
2019283368	i-SENS, Inc.	2020233748	Sorrento Therapeutics, Inc.
2019289401	Xiamen Innodx Biotech Co., Ltd; Xiamen University	2020233754	Wonderland Switzerland AG
2019292458	Komatsu Ltd.	2020235850	Storyteller Overland, LLC
2019293900	Samyang Corporation	2020240382	Voronoi Inc.; Voronoibio Inc.; B2SBio Inc.
2019306239	W. L. Gore & Associates, Inc.	2020241299	Wing Aviation LLC
2019309357	3M Innovative Properties Company	2020244418	Immatics Biotechnologies GmbH
2019315986	Vivo Mobile Communication Co., Ltd.	2020244419	Immatics Biotechnologies GmbH
2019318453	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2020244420	Immatics Biotechnologies GmbH
2019318859	Vivo Mobile Communication Co., Ltd.	2020244421	Immatics Biotechnologies GmbH
2019319955	Minnetronix Neuro, Inc.	2020244424	Immatics Biotechnologies GmbH
2019325725	Astrogen Co., Ltd.	2020245666	Komatsu Ltd.
2019334419	LR-Shipdesign AG	2020249743	JFE Steel Corporation
2019335404	Gracernote, Inc.	2020250270	Akarna Therapeutics, Ltd.; Pratt, B.
2019355292	NGUYEN, N.H.	2020256115	Google LLC
2019363108	Guangzhou Xaircraft Technology Co., Ltd.	2020257073	Herring, R.
2019364976	Gates Corporation	2020260481	MX Technologies Inc.
2019369118	Shimose Microbes Laboratory Corporation	2020264300	Gilead Sciences, Inc.
2019375905	The Procter & Gamble Company	2020264313	Auckland UniServices Limited
2019377041	Wing Aviation LLC	2020264353	Malvern Panalytical B.V.
2019381639	Innovative Building Technologies, LLC	2020267169	Amgen Inc.
2019383962	The Government of the United States of America, as represented by the Secretary of the Navy	2020270460	Blackburn Energy, Inc.
2019385618	Albert-Ludwigs-Universität Freiburg	2020273338	Arvinas, Inc.; Yale University
2019392292	Loram Technologies, Inc.	2020277126	Rakman International Pty Ltd
2019392904	University of Maryland, Baltimore	2020277188	The University Court of the University of Edinburgh
2019398638	Alfa Laval Corporate AB	2020281079	PepsiCo, Inc.
2019401735	LG Chem, Ltd.	2020286260	Transportation IP Holdings, LLC
2019407255	Siemens Mobility GmbH	2020289747	Club Car, LLC
2019410075	F. Hoffmann-La Roche AG	2020290003	Limacorporate S.p.A.
2019416266	Hangzhou Hikvision Digital Technology Co., Ltd.	2020294176	Johnson & Johnson Consumer Inc.
2019419763	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020295360	Risk Management Solutions, Inc.
2019422223	Henry Manufacturing Limited	2020309094	SenseTime International Pte. Ltd.
2019424191	Weber-Stephen Products LLC	2020313858	Spark Biomedical, Inc.
2019424192	Weber-Stephen Products LLC	2020323703	Catalent U.K. Swindon Zydys Limited
2019432019	Daikin Industries, Ltd.	2020325770	Aprinoia Therapeutics Limited
2019447736	Chiang Mai University; National Science and Technology Development Agency (NSTDA)	2020327075	Central South University
2019457740	ClearStream Technologies Limited	2020344206	Oxford BioDynamics PLC
2019461917	Ceramic Data Solutions GmbH	2020376757	Zhang, K.
2020200548	Daiichi Sankyo Company, Limited	2020427371	Basell Polyolefine GmbH
2020201557	Avalyn Pharma Inc.	2020442000	Curacle Co., Ltd.
2020201896	Immatics Biotechnologies GmbH	2021200146	Sorrento Therapeutics, Inc.
2020202031	Channel Medsystems, Inc.	2021200349	Qualcomm Incorporated
2020202488	Brunson, M.	2021200393	Boston Scientific Scimed, Inc.
2020202676	DANA-FARBER CANCER INSTITUTE, INC.	2021200434	Equifax, Inc.
2020202783	BioAtla, LLC	2021200707	Massachusetts Eye and Ear Infirmary
2020202786	Jworld Co., Ltd.	2021200737	BASF Agro B.V.
2020203730	OMS Investments, Inc.	2021200841	Ecolab USA Inc.
2020203896	Elian LLC	2021200940	DePuy Synthes Products, Inc.
2020204460	The General Hospital Corporation	2021200950	LT Lighting (Taiwan) Corporation
2020209500	Pfizer Inc.	2021201059	Apple Inc.
2020210214	University of Florida Research Foundation, Inc.	2021201072	Potrero Medical, Inc.
		2021201148	Qualcomm Incorporated
		2021201172	ZTE Corporation
		2021201181	CORTEC GMBH
		2021201418	Just Biofiber Corp.



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2021201475 Jinko Green Energy (Shanghai) Management Co., LTD;  
ZHEJIANG JINKO SOLAR CO., LTD  
2021201567 CSR Building Products Limited  
2021201852 Apple Inc.  
2021202208 Oceaneering International, Inc.  
2021202236 Transportation IP Holdings, LLC  
2021202272 Canva Pty Ltd  
2021202592 Karsten Manufacturing Corporation  
2021203048 Ag Growth International Inc.  
2021203774 Futurecom Systems Group, ULC  
2021204037 IFIT, Inc.  
2021204214 Chart Energy & Chemicals, Inc.  
2021204251 Schneider Electric Industries SAS  
2021204254 Donaldson Company, Inc.  
2021204322 MARA RENEWABLES CORPORATION  
2021204422 Apple Inc.  
2021204441 DRAEGER SAFETY AG & CO. KGAA  
2021204480 SenseTime International Pte. Ltd.  
2021204493 SenseTime International Pte. Ltd.  
2021204718 Sungrow Power Supply Co., Ltd.  
2021205045 Mexichem Fluor S.A. de C.V.  
2021206902 McLaughlin Gormley King Company  
2021212108 President Packaging Industrial Corp.  
2021212131 Schlage Lock Company LLC  
2021215281 China University of Mining and Technology  
2021221559 Stuart, I.  
2021257952 Wellhead Power Solutions, LLC  
2021290294 B.M.B Investments Pty Ltd  
2021290310 Hollister Incorporated  
2021363121 GenieUs Genomics Pty Ltd  
2022201181 Cellix Bio Private Limited  
2022201906 Winner Water Services  
2022204800 Twitter, Inc.

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2018337068	2020220265	2019424191 2019424192	<b><u>A61F 7 /-</u></b>		2020203896
<b><u>A01B 73 /-</u></b>	<b><u>A23F 5 /-</u></b>	<b><u>A47K 3 /-</u></b>	2017376451		<b><u>A61M 37 /-</u></b>
2018337068	2018435852		<b><u>A61F 9 /-</u></b>		2020233748 2021200146
<b><u>A01B 79 /-</u></b>	<b><u>A23K 10 /-</u></b>	2020235850	2020210214 2021200707		<b><u>A61M 5 /-</u></b>
2018337068	2021204322	<b><u>A47K 5 /-</u></b>			2020231412 2021200707
<b><u>A01D 57 /-</u></b>	<b><u>A23K 20 /-</u></b>	2017261361	<b><u>A61J 1 /-</u></b>	<b><u>A61K 41 /-</u></b>	
2021203048	2017358709 2019325725 2021204322	<b><u>A47L 11 /-</u></b>	2020210214	2016358441	<b><u>A61N 1 /-</u></b>
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2018280528	2021204322	<b><u>A47L 15 /-</u></b>	2020323703	2016335248	
<b><u>A01H 6 /-</u></b>	<b><u>A23L 11 /-</u></b>	2019200880	<b><u>A61K 31 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>A61N 5 /-</u></b>
2020202488	2019293900	<b><u>A47L 9 /-</u></b>	2016271323 2016335248 2016349954 2016364976 2016370846 2017220640 2018352142 2018361249 2018393119 2018428269 2019255182 2019325725 2019392904 2020200548 2020201557 2020209500 2020221347 2020240382 2020250270 2020264300 2020267169 2020273338 2020442000 2021205045 2022201181	2016358441 2017250295	2020257073
<b><u>A01N 25 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A61B 1 /-</u></b>		<b><u>A61K 48 /-</u></b>	<b><u>A61N 7 /-</u></b>
2019422223 2020203730	2017249108 2020281079	2021200940		2020202676	2020257073
<b><u>A01N 43 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A61B 17 /-</u></b>		<b><u>A61K 8 /-</u></b>	<b><u>A61P 1 /-</u></b>
2018387693 2021200737	2017337095 2020220265	2017301633 2017311577 2017311669 2017324154 2019457740 2020202786 2021200940		2017337095 2019309357 2019375905	2016335248 2018393119 2019272538 2022201181
<b><u>A01N 47 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A61B 18 /-</u></b>		<b><u>A61K 9 /-</u></b>	<b><u>A61P 11 /-</u></b>
2021200737	2017358709 2019293900 2019325725 2021204322	2020202031		2016322544 2016335248 2016364976 2017220640 2017337095 2020201557 2020294176 2021205045	2016335248 2021205045
<b><u>A01N 59 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A61B 5 /-</u></b>		<b><u>A61L 2 /-</u></b>	<b><u>A61P 13 /-</u></b>
2019422223 2021206902	2020202488	2017311852 2019319955 2020294176 2021204422		2017261361 2019401735	2016335248 2021205045
<b><u>A01N 65 /-</u></b>	<b><u>A46B 11 /-</u></b>	<b><u>A61B 8 /-</u></b>		<b><u>A61L 2 /-</u></b>	<b><u>A61P 17 /-</u></b>
2019422223 2021206902	2017293647	2020257073		2017261361 2019401735	2016288256 2018352142
<b><u>A01P 1 /-</u></b>	<b><u>A46B 17 /-</u></b>	<b><u>A61B 8 /-</u></b>	2016288256	<b><u>A61L 27 /-</u></b>	<b><u>A61P 25 /-</u></b>
2019422223	2017293647	2020257073		2017301633 2019401735	
<b><u>A01P 13 /-</u></b>	<b><u>A46B 7 /-</u></b>	<b><u>A61F 2 /-</u></b>		<b><u>A61M 1 /-</u></b>	<b><u>A61P 27 /-</u></b>
2018387693 2021200737	2017293647	2017301633 2017311577 2017340978 2017365197 2018347864 2018357200 2019306239 2019401735 2020290003 2021200393 2021200707		2021201072	2018428269
<b><u>A01P 21 /-</u></b>	<b><u>A47D 9 /-</u></b>	<b><u>A61F 5 /-</u></b>		<b><u>A61M 16 /-</u></b>	<b><u>A61P 29 /-</u></b>
2018387693	2020233754	2019262945		2017297978 2017309412	2018281337 2019325725 2020221347 2020325770
<b><u>A23B 4 /-</u></b>	<b><u>A47J 31 /-</u></b>		2017214656 2018281337 2018428269 2020202676	<b><u>A61M 25 /-</u></b>	<b><u>A61P 3 /-</u></b>
2016305488				2020231412	2020442000
<b><u>A23B 7 /-</u></b>			<b><u>A61K 39 /-</u></b>	<b><u>A61M 27 /-</u></b>	<b><u>A61P 31 /-</u></b>
2016305488	2017269724 2017306899 2017326737 2020233721		2016271323 2016322544 2017214656 2017263138 2017310436	2019319955	2016335248
<b><u>A23C 9 /-</u></b>	<b><u>A47J 36 /-</u></b>				
2018435852	2017376451				

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2018393119 2022201181	<b><u>A63B 24 /-</u></b>	2020427371	<b><u>B32B 27 /-</u></b>	<b><u>B61H 13 /-</u></b>	2020241299
<b><u>A61P 33 /-</u></b>	2017355301	<b><u>B03B 5 /-</u></b>	2017351564	2020286260	<b><u>B64C 9 /-</u></b>
2016322544	<b><u>A63B 71 /-</u></b>	2017261416	<b><u>B32B 3 /-</u></b>	<b><u>B61L 15 /-</u></b>	2020230338
<b><u>A61P 35 /-</u></b>	2017355301	<b><u>B03D 1 /-</u></b>	2018322021	2019407255	<b><u>B64D 11 /-</u></b>
2016349954	<b><u>A63C 17 /-</u></b>	2018227463	<b><u>B32B 37 /-</u></b>	<b><u>B61L 23 /-</u></b>	2017417473
2016358441	2021202592	<b><u>B04B 1 /-</u></b>	2018322021	2020286260	<b><u>B64D 27 /-</u></b>
2016370846	<b><u>A63F 1 /-</u></b>	2019398638	<b><u>B32B 5 /-</u></b>	<b><u>B61L 25 /-</u></b>	2019377041
2017214656	2017331934	<b><u>B04B 11 /-</u></b>	2017351564	2020286260	<b><u>B64D 33 /-</u></b>
2018213718	<b><u>A63F 13 /-</u></b>	2019398638	2018322021	2019381639	2018279791
2018352142	2020200548	<b><u>B04B 7 /-</u></b>	<b><u>B32B 7 /-</u></b>	2019407255	<b><u>B64D 37 /-</u></b>
2019410075	2020201896	<b><u>A63G 25 /-</u></b>	2017351564	<b><u>B62D 49 /-</u></b>	2020224417
2020200548	2020210264	2019398638	<b><u>B60C 23 /-</u></b>	2018337068	<b><u>B64D 47 /-</u></b>
2020201896	<b><u>A63G 31 /-</u></b>	2017293647	2018290186	<b><u>B62D 55 /-</u></b>	2020241299
2020209500	2021202208	<b><u>B08B 1 /-</u></b>	<b><u>B60L 53 /-</u></b>	2017342752	<b><u>B65B 29 /-</u></b>
2020240382	2021202208	<b><u>B08B 3 /-</u></b>	2019377041	<b><u>B62D 57 /-</u></b>	2018322021
2020267169	<b><u>B01D 1 /-</u></b>	2017293647	2020241299	2018337068	<b><u>B65B 31 /-</u></b>
2020442000	2017320330	2021200841	<b><u>B08B 5 /-</u></b>	<b><u>B63B 1 /-</u></b>	2018322021
<b><u>A61P 37 /-</u></b>	<b><u>B01D 17 /-</u></b>	2021200841	<b><u>B60L 58 /-</u></b>	2019334419	<b><u>B65B 45 /-</u></b>
2016322544	2020227112	<b><u>B09B 3 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>B63B 49 /-</u></b>	2018217222
2018281337	<b><u>B01D 35 /-</u></b>	2019369118	2020215361	2018257999	<b><u>B65B 65 /-</u></b>
2018352142	2020210214	<b><u>B23B 45 /-</u></b>	<b><u>B60P 3 /-</u></b>	<b><u>B63C 11 /-</u></b>	2018217222
<b><u>A61P 43 /-</u></b>	<b><u>B01D 39 /-</u></b>	2017311851	2020235850	2017280850	<b><u>B65D 17 /-</u></b>
2016335248	2020210214	<b><u>B23K 37 /-</u></b>	<b><u>B60R 1 /-</u></b>	<b><u>B63G 13 /-</u></b>	2021212108
<b><u>A61P 5 /-</u></b>	<b><u>B01D 45 /-</u></b>	2017293647	2020211863	2018257999	<b><u>B65D 43 /-</u></b>
2016335248	2018293565	<b><u>B24B 55 /-</u></b>	<b><u>B60R 15 /-</u></b>	<b><u>B63H 5 /-</u></b>	2021212108
<b><u>A61P 9 /-</u></b>	<b><u>B01D 46 /-</u></b>	2017249372	2020235850	2019334419	<b><u>B65D 47 /-</u></b>
2016364976	2021204254	<b><u>B24B 7 /-</u></b>	<b><u>B60S 3 /-</u></b>	<b><u>B64B 1 /-</u></b>	2021212108
<b><u>A61Q 11 /-</u></b>	<b><u>B01D 53 /-</u></b>	2017249372	2017262762	2017351564	<b><u>B65D 51 /-</u></b>
2019309357	2017249108	<b><u>B25B 27 /-</u></b>	<b><u>B60T 13 /-</u></b>	<b><u>B64C 25 /-</u></b>	2020210214
2019375905	<b><u>B01D 71 /-</u></b>	2018374404	2020289747	2018200465	<b><u>B65D 81 /-</u></b>
<b><u>A62B 7 /-</u></b>	2018250971	<b><u>B26B 21 /-</u></b>	<b><u>B60T 7 /-</u></b>	2018200471	2017246252
2021204441	2020210214	2020217414	2020289747	<b><u>B64C 27 /-</u></b>	<b><u>B65G 15 /-</u></b>
<b><u>A62B 99 /-</u></b>	<b><u>B01J 19 /-</u></b>	<b><u>B26D 5 /-</u></b>	2021202236	2020230338	2016354509
2021204441	2020427371	2017344481	<b><u>B60T 8 /-</u></b>	<b><u>B64C 29 /-</u></b>	2019392292
<b><u>A62C 2 /-</u></b>	<b><u>B01J 29 /-</u></b>	<b><u>B31B 50 /-</u></b>	2021202236	2020230338	<b><u>B65G 17 /-</u></b>
2020277126	2018449556	<b><u>B31F 1 /-</u></b>	<b><u>B61C 17 /-</u></b>	<b><u>B64C 30 /-</u></b>	2021203048
<b><u>A62C 31 /-</u></b>	<b><u>B01J 39 /-</u></b>	2017324780	2020286260	2018279791	<b><u>B65G 39 /-</u></b>
2020217313	2018250971	<b><u>B01J 8 /-</u></b>	<b><u>B61D 27 /-</u></b>	<b><u>B64C 39 /-</u></b>	2016354509
<b><u>A62C 37 /-</u></b>	2020210214	2018218185	2020327075	2019377041	2019392292
2020217313	2020427371				
2020217313					
<b><u>A63B 21 /-</u></b>					
2021204037					
<b><u>A63B 22 /-</u></b>					
2021204037					

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<b><u>B65G 41 /-</u></b>	<b><u>C07C 275 /-</u></b>	<b><u>C07D 279 /-</u></b>	<b><u>C07D 498 /-</u></b>	<b><u>C08L 101 /-</u></b>	<b><u>C12P 21 /-</u></b>
2021203048	2020264300	2019272538	2020267169	2018313534	2018213718
<b><u>B65G 47 /-</u></b>	<b><u>C07C 29 /-</u></b>	<b><u>C07D 295 /-</u></b>	<b><u>C07F 3 /-</u></b>	<b><u>C08L 97 /-</u></b>	<b><u>C12P 7 /-</u></b>
2021203048	2018218185	2019272538	2019325725	2018313534	2019255182
<b><u>B65H 75 /-</u></b>	<b><u>C07C 309 /-</u></b>	<b><u>C07D 305 /-</u></b>	<b><u>C07F 9 /-</u></b>	<b><u>C09K 5 /-</u></b>	<b><u>C12Q 1 /-</u></b>
2017311851	2018250971	2019272538	2018361249	2017376451	2016306292
<b><u>B66B 11 /-</u></b>	2020267169	<b><u>C07D 309 /-</u></b>	2019272538	<b><u>C10B 57 /-</u></b>	2016315924
2017203376	<b><u>C07C 311 /-</u></b>	2019272538	<b><u>C07G 1 /-</u></b>	2020249743	2016370846
<b><u>B66B 3 /-</u></b>	2019272538	<b><u>C07D 335 /-</u></b>	2018313534	<b><u>C10G 15 /-</u></b>	2019255933
2017203376	<b><u>C07C 317 /-</u></b>	2019272538	<b><u>C07J 67 /-</u></b>	2020227112	2019283368
<b><u>B66B 7 /-</u></b>	2019272538	<b><u>C07D 401 /-</u></b>	2020442000	<b><u>C10G 2 /-</u></b>	2020221347
2017203376	<b><u>C07C 59 /-</u></b>	2020264300	<b><u>C07K 14 /-</u></b>	2018218185	2020344206
<b><u>B66B 9 /-</u></b>	2019255182	<b><u>C07D 403 /-</u></b>	2017214656	<b><u>C10G 32 /-</u></b>	<b><u>C21D 1 /-</u></b>
2020223642	<b><u>C07D 205 /-</u></b>	2020264300	2017250295	2020227112	2017342752
<b><u>B67C 3 /-</u></b>	2019272538	2022201181	2017263138	<b><u>C10G 75 /-</u></b>	<b><u>C21D 9 /-</u></b>
2020323703	<b><u>C07D 207 /-</u></b>	<b><u>C07D 405 /-</u></b>	2018280528	2017316141	<b><u>C22C 38 /-</u></b>
<b><u>B67D 1 /-</u></b>	2017310436	2018387693	2018281337	<b><u>C10G 9 /-</u></b>	2017342752
2020273338	2020273338	2020264300	2019447736	2017316141	<b><u>C23C 14 /-</u></b>
2017249108	<b><u>C07D 211 /-</u></b>	2022201181	2020201896	<b><u>C12N 1 /-</u></b>	<b><u>C23C 8 /-</u></b>
<b><u>C01B 3 /-</u></b>	2020267169	<b><u>C07D 409 /-</u></b>	2020244418	2016281666	2017260147
2016342066	<b><u>C07D 213 /-</u></b>	2018387693	2020244419	2017385601	2017260148
<b><u>C01B 39 /-</u></b>	2018250971	<b><u>C07D 413 /-</u></b>	2020244420	2021204322	<b><u>C25F 1 /-</u></b>
2018449556	2019272538	2019392904	2020244421	<b><u>C12N 15 /-</u></b>	2017293647
<b><u>C02F 1 /-</u></b>	<b><u>C07D 231 /-</u></b>	2020240382	2020244424	2016281666	<b><u>D02G 3 /-</u></b>
2017253495	2019272538	<b><u>C07D 417 /-</u></b>	2020277188	2016349954	2020202786
2017261288	<b><u>C07D 233 /-</u></b>	2020273338	2020325770	2017250295	<b><u>D02J 3 /-</u></b>
2017320330	2019272538	<b><u>C07D 451 /-</u></b>	<b><u>C07K 16 /-</u></b>	2017263138	2020202786
2017354108	2022201181	2019272538	2016271323	2017385601	<b><u>D03J 1 /-</u></b>
2022201906	<b><u>C07D 239 /-</u></b>	<b><u>C07D 471 /-</u></b>	2016290523	2021204322	2017322068
<b><u>C02F 101 /-</u></b>	2018387693	2018352142	2016302569	<b><u>C12N 5 /-</u></b>	<b><u>D04B 35 /-</u></b>
2017253495	2019272538	2018361249	2016333510	2017244758	2017322068
2022201906	2022201181	2020209500	2017250295	2018335254	<b><u>D05B 67 /-</u></b>
<b><u>C02F 103 /-</u></b>	<b><u>C07D 241 /-</u></b>	2020240382	2018213718	<b><u>C12N 7 /-</u></b>	2017322068
2017354108	2018250971	2020264300	2018375173	2017244758	2017322068
<b><u>C02F 11 /-</u></b>	<b><u>C07D 257 /-</u></b>	<b><u>C07D 487 /-</u></b>	2019410075	2017263138	<b><u>D05C 11 /-</u></b>
2019369118	2019272538	2020250270	2020200548	2018375173	2017322068
<b><u>C07C 243 /-</u></b>	2022201181	2020264300	2020325770	2019447736	2017322068
2020264300	<b><u>C07D 275 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C12N 9 /-</u></b>	<b><u>D06H 1 /-</u></b>
<b><u>C07C 269 /-</u></b>	2019272538	2020240382	2018213718	2017385601	2017344481
2020200548	<b><u>C07D 277 /-</u></b>	2020264300	<b><u>C07K 5 /-</u></b>	<b><u>C12P 19 /-</u></b>	<b><u>D06H 7 /-</u></b>
<b><u>C07C 271 /-</u></b>	2019272538	<b><u>C07D 493 /-</u></b>	2017310436	2017385601	2017344481
2020200548	2019272538	2018387693	2020200548	2020204460	
		2019272538	<b><u>C08F 132 /-</u></b>		
			2018250971		
			<b><u>C08H 7 /-</u></b>		
			2018313534		
			<b><u>C08K 5 /-</u></b>		
			2018313534		
			2019283368		

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<b><u>D06P 5 /-</u></b>	<b><u>E21B 34 /-</u></b>	2019355292	2021204214	<b><u>G01R 11 /-</u></b>	2016430712 2017226865
2017322068	2016423156	<b><u>F16D 55 /-</u></b>	<b><u>F28D 21 /-</u></b>	2020223780	<b><u>G06K 9 /-</u></b>
<b><u>D21B 1 /-</u></b>	<b><u>E21B 43 /-</u></b>	2017268714	2018218185	<b><u>G01S 17 /-</u></b>	2018237688 2020309094
2018382681	2016423156	<b><u>F16D 65 /-</u></b>	<b><u>F28D 5 /-</u></b>	2019200318	<b><u>G06N 10 /-</u></b>
<b><u>D21C 5 /-</u></b>	<b><u>E21C 41 /-</u></b>	2017268714	2017240811	<b><u>G01S 7 /-</u></b>	2020256115
2018382681	2021215281	<b><u>F16H 7 /-</u></b>	<b><u>F28D 7 /-</u></b>	2019200318	<b><u>G06N 3 /-</u></b>
<b><u>D21H 19 /-</u></b>	<b><u>E21D 11 /-</u></b>	2019364976	2018218185	<b><u>G01V 1 /-</u></b>	2020327075 2021200434 2021363121
2020202488	2017339155 2018431356	<b><u>F16L 5 /-</u></b>	<b><u>F28D 9 /-</u></b>	2020233718	<b><u>G02B 27 /-</u></b>
<b><u>D21J 3 /-</u></b>	<b><u>E21D 9 /-</u></b>	2020277126	2018218185	<b><u>G02B 27 /-</u></b>	<b><u>G06Q 20 /-</u></b>
2017326737	2017339155 2018431356	<b><u>F23B 40 /-</u></b>	<b><u>F28F 1 /-</u></b>	2018261328	2020260481
<b><u>D21J 5 /-</u></b>	<b><u>E21F 5 /-</u></b>	2019424191	2017240811	<b><u>G02F 1 /-</u></b>	<b><u>G06T 11 /-</u></b>
2017326737	2017250011	<b><u>F23R 3 /-</u></b>	<b><u>F41H 11 /-</u></b>	2017355301	2021202272
<b><u>E01B 7 /-</u></b>	<b><u>F02C 1 /-</u></b>	2018279791	2019200318	<b><u>G05D 1 /-</u></b>	<b><u>G06T 15 /-</u></b>
2017300466	2020224417	<b><u>F24D 17 /-</u></b>	<b><u>F42B 3 /-</u></b>	2016430712 2020241299 2020245666 2021202208	2018301580
<b><u>E02D 15 /-</u></b>	<b><u>F02C 7 /-</u></b>	2017214260	<b><u>F42D 1 /-</u></b>	<b><u>G05D 3 /-</u></b>	<b><u>G06T 17 /-</u></b>
2020229253	2020224417	<b><u>F24D 19 /-</u></b>	2017308576	2021202208	2020295360
<b><u>E02D 25 /-</u></b>	<b><u>F02C 9 /-</u></b>	2017214260	<b><u>G01C 21 /-</u></b>	<b><u>G05F 1 /-</u></b>	<b><u>G06T 19 /-</u></b>
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<b><u>E02F 9 /-</u></b>	<b><u>F02K 1 /-</u></b>	2019432019	<b><u>G01F 19 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06T 7 /-</u></b>
2019292458 2020211863 2020245666	2017203583	<b><u>F24T 10 /-</u></b>	2017221823	2021204422	2019292458 2019363108 2020241299
<b><u>E04B 1 /-</u></b>	<b><u>F02K 3 /-</u></b>	<b><u>F24V 30 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>G07F 17 /-</u></b>
2020277126 2021201567	2017203583	2017376451	2020327075	2019280705	<b><u>G07F 17 /-</u></b>
<b><u>E04C 1 /-</u></b>	<b><u>F02K 7 /-</u></b>	<b><u>F25B 39 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G06F 15 /-</u></b>	2020210264
2021201418	2018279791	2017240811	2021200841	2019280705	<b><u>G09B 23 /-</u></b>
<b><u>E04C 2 /-</u></b>	<b><u>F02N 11 /-</u></b>	<b><u>F25D 17 /-</u></b>	<b><u>G01N 23 /-</u></b>	<b><u>G06F 16 /-</u></b>	2021221559
2019381639	2020270460	2019232055	2020264353	2021201852 2021202272	<b><u>G09G 5 /-</u></b>
<b><u>E05B 1 /-</u></b>	<b><u>F16B 11 /-</u></b>	<b><u>F25D 21 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G06F 21 /-</u></b>	2019292458
2017261361	2019355292	2019232055	2017311852 2019283368 2021200841	2019246982 2020260481	<b><u>G10K 11 /-</u></b>
<b><u>E05B 47 /-</u></b>	<b><u>F16B 12 /-</u></b>	<b><u>F25D 25 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G06F 3 /-</u></b>	2017371616
2021212131	2019355292	2016305488	2017371616 2020257073	2018257999 2018351858 2021202272 2021204422	<b><u>G10L 19 /-</u></b>
<b><u>E06B 9 /-</u></b>	<b><u>F16B 23 /-</u></b>	<b><u>F25D 31 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 9 /-</u></b>	2019335404
2017200179	2021290294	2016305488	2016276942 2017311852 2019289401 2020202783 2020327075 2020376757 2021200841	2021204480 2021204493 2022204800	<b><u>G10L 25 /-</u></b>
<b><u>E21B 17 /-</u></b>	<b><u>F16B 25 /-</u></b>	<b><u>F25J 1 /-</u></b>		<b><u>G06K 19 /-</u></b>	2019335404
2016423156	2021290294	2021204214			<b><u>G11B 7 /-</u></b>
<b><u>E21B 33 /-</u></b>	<b><u>F16B 35 /-</u></b>	<b><u>F25J 3 /-</u></b>			2019461917
2018223981	2021290294	2021204214			<b><u>G16B 20 /-</u></b>
	<b><u>F16B 47 /-</u></b>	<b><u>F25J 5 /-</u></b>			2021363121

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<b><u>G16B 30 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04M 1 /-</u></b>	2018292539
2021363121	2020264313		2019238187
	2021200950	2017350850	2019315986
			2021201172
<b><u>G16B 40 /-</u></b>	<b><u>H02K 11 /-</u></b>	<b><u>H04N 19 /-</u></b>	<b><u>H04W 88 /-</u></b>
2019255933	2020215361	2017368324	2017350850
2021363121		2017387752	
	<b><u>H02K 44 /-</u></b>	2018348143	<b><u>H04W 92 /-</u></b>
<b><u>G16H 10 /-</u></b>	2017260147	2019416266	
2020323703	2017260148	2019419763	2016433266
		<b><u>H04N 21 /-</u></b>	
<b><u>H01H 23 /-</u></b>	<b><u>H02K 5 /-</u></b>	2016427820	
2021204251	2020215361	2017368324	
<b><u>H01H 3 /-</u></b>	<b><u>H02P 9 /-</u></b>	<b><u>H04N 5 /-</u></b>	
2021204251	2020270460	2016427820	
<b><u>H01H 50 /-</u></b>	<b><u>H02S 40 /-</u></b>	<b><u>H04N 7 /-</u></b>	
2021204251	2017290701	2018275266	
<b><u>H01H 9 /-</u></b>	<b><u>H03F 3 /-</u></b>	2019292458	
2021204251	2021203774	2020211863	
<b><u>H01L 31 /-</u></b>	<b><u>H03H 11 /-</u></b>	<b><u>H04R 1 /-</u></b>	
2017290701	2021203774	2017371616	
2021201475		<b><u>H04R 17 /-</u></b>	
<b><u>H01M 8 /-</u></b>	<b><u>H04B 10 /-</u></b>	2017371616	
2016342066	2019383962	<b><u>H04R 27 /-</u></b>	
<b><u>H01P 1 /-</u></b>	<b><u>H04B 11 /-</u></b>	2019318453	
2021203774	2017371616	<b><u>H04S 7 /-</u></b>	
<b><u>H01Q 1 /-</u></b>	<b><u>H04B 7 /-</u></b>	2019318453	
2019407255	2019407255	<b><u>H04W 12 /-</u></b>	
<b><u>H01Q 21 /-</u></b>	<b><u>H04K 3 /-</u></b>	2019246982	
2019407255	2019200318	<b><u>H04W 4 /-</u></b>	
<b><u>H01R 39 /-</u></b>	<b><u>H04L 25 /-</u></b>	2017316607	
2020215361	2017350850	2021201059	
		2021201172	
<b><u>H01R 43 /-</u></b>	<b><u>H04L 41 /-</u></b>	<b><u>H04W 48 /-</u></b>	
2018374404	2019238187	2021200349	
<b><u>H02G 1 /-</u></b>	<b><u>H04L 5 /-</u></b>	<b><u>H04W 56 /-</u></b>	
2018374405	2018264628	2017412449	
	2021201148		
<b><u>H02J 1 /-</u></b>	<b><u>H04L 65 /-</u></b>	<b><u>H04W 72 /-</u></b>	
2021200950	2022204800	2017405486	
		2018262995	
<b><u>H02J 3 /-</u></b>	<b><u>H04L 67 /-</u></b>	2018264628	
2021204718	2019318859	2018431394	
2021257952	2022204800	<b><u>H04W 76 /-</u></b>	
<b><u>H02J 50 /-</u></b>	<b><u>H04L 9 /-</u></b>	2018431394	
2019385618	2018257949	<b><u>H04W 8 /-</u></b>	
	2019246982		

**Certified Innovation Patents**

**Name Index**

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

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(71) Caterpillar Inc.  
 (11) AU-B-2021102518  
 (21) 2021102518 (22) 12.05.2021  
 (54) Hydraulic cylinder with specific performance dimensions  
 (51) Int. Cl.  
     *F15B 15/14* ( 2006.01 )  
     *E02F 3/84* ( 2006.01 )  
     *E02F 9/22* ( 2006.01 )  
     *E02F 3/76* ( 2006.01 )  
     *F15B 15/20* ( 2006.01 )  
 (45) 25.08.2022  
 (72) Stoops, Ernest E.; Ramalho, Stive; Speichinger, Justin D.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Dyno Nobel Inc  
 (11) AU-B-2022100019  
 (21) 2022100019 (22) 27.01.2022  
 (54) Systems for automated loading of blastholes and methods related thereto  
 (51) Int. Cl.  
     *F42D 1/10* ( 2006.01 )  
     *E21B 41/00* ( 2006.01 )  
     *E21B 43/263* ( 2006.01 )  
     *E21B 47/00* ( 2012.01 )  
     *F42D 3/04* ( 2006.01 )  
 (45) 25.08.2022  
 (62) 2019212935  
 (72) AVERETT, Jeff; GILTNER, Scott; O'CONNOR, Patrick  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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(71) Rudder Technology Pty Ltd  
 (11) AU-B-2021107064  
 (21) 2021107064 (22) 24.08.2021  
 (54) Non-contact human respiration detection with radar signals  
 (51) Int. Cl.  
     *A61B 5/08* ( 2006.01 )  
     *A61B 5/05* ( 2021.01 )  
     *A61B 5/113* ( 2006.01 )  
     *G01S 13/58* ( 2006.01 )  
     *G01S 13/88* ( 2006.01 )  
     *A61B 5/00* ( 2006.01 )  
     *G01S 7/35* ( 2006.01 )  
     *G01S 7/41* ( 2006.01 )  
 (45) 25.08.2022  
 (72) Ning, Zhiyu; Li, Changyang  
 (74) CN TECHNOLOGY PTY. LTD.

**Numerical Index**

**2021102518** Caterpillar Inc.  
**2021107064** Rudder Technology Pty Ltd  
**2022100019** Dyno Nobel Inc



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**Patents Granted**

**Standard Patents**

2014234961	2015358427	2016202363	2016208291
2016244027	2016247922	2016248995	2016249782
2016256749	2016270858	2016271111	2016273343
2016280190	2016282898	2016313392	2016316840
2016321238	2016326716	2016330788	2016330929
2016335675	2016338540	2016338552	2016346328
2016348490	2016362540	2016363061	2016363567
2016367703	2016369657	2016377872	2016378556
2016402988	2016406342	2016428457	2017201043
2017201340	2017202250	2017203369	2017204215
2017205231	2017205690	2017207418	2017208058
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2017237442	2017248228	2017250553	2017253088
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2017320341	2017322114	2017322897	2017331593
2017332444	2017332710	2017336790	2017351403
2017357935	2017371084	2017377937	2017387781
2017387791	2017388466	2017400684	2017433643
2018203119	2018203922	2018207928	2018210818
2018212272	2018215802	2018218738	2018220509
2018222744	2018227849	2018233670	2018234278
2018244015	2018250210	2018259040	2018260699
2018276441	2018280955	2018281196	2018281935
2018287018	2018287526	2018308364	2018315053
2018337546	2018338855	2018351846	2018372709
2018380774	2018385222	2018389811	2018390173
2018396957	2018402350	2018415259	2018422609
2018432003	2018433633	2018448389	2019217100
2019217408	2019221691	2019222048	2019228335
2019233720	2019237002	2019237980	2019241464
2019241909	2019247458	2019248310	2019252796
2019262282	2019263438	2019265268	2019267531
2019275613	2019277762	2019286084	2019290964
2019295865	2019309920	2019312657	2019313596
2019325964	2019339905	2019354369	2019364089
2019376271	2019377957	2019382037	2019386913
2019394664	2019395668	2019400152	2019413696
2019446744	2019461220	2020200379	2020200980
2020201440	2020201725	2020201799	2020201863
2020201970	2020202088	2020203039	2020203095
2020203595	2020203724	2020204364	2020220121
2020221758	2020222859	2020227045	2020250193
2020250206	2020250256	2020256400	2020260545
2020264331	2020264399	2020267316	2020273341
2020286192	2020309090	2020315795	2020324193
2020337008	2020351634	2020351802	2021200371
2021200891	2021201044	2021201048	2021201071
2021201206	2021202017	2021202147	2021203017
2021203062	2021203636	2021204699	2021209147
2021209322	2021221924	2021277704	2021290344
2022201109	2022202012	2022202241	

**Innovation Patents**

2022100089	2022100099	2022100100	2022100101
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**Offer to Surrender**

It is hereby notified that **Coloplast A/S Høltedam 1**, **DK-3050 Humlebaek**, the Patentee of Patent 2013265772 dated 17.08.2017 for an invention titled 'Comfort layer for a collecting bag' offers to surrender the said Patent. Any person desiring to be heard before the said offer

**Offer to Surrender**

to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **Coloplast A/S Høltedam 1**, **DK-3050 Humlebaek**, the Patentee of Patent 2017203705 dated 30.05.2019 for an invention titled 'Comfort layer for a collecting bag' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

- 2002335835 Henkel IP & Holding GmbH The patent has been assigned to **Henkel AG & Co. KGaA**
- 2002351182 Ziarco, Inc. The patent has been assigned to **Novartis AG**
- 2004299462 Ziarco Inc. The patent has been assigned to **Novartis AG**
- 2005205966 The Medical House Limited The patent has been assigned to **SHL Medical AG**
- 2006251946 Ziarco, Inc. The patent has been assigned to **Novartis AG**
- 2006272886 Ziarco Inc. The patent has been assigned to **Novartis AG**
- 2007206772 The Medical House Limited The patent has been assigned to **SHL Medical AG**
- 2007336082 The Medical House Limited The patent has been assigned to **SHL Medical AG**
- 2008278919 AIR BAG ONE SARL The patent has been assigned to **Maternal Newborn Health Innovations, PBC**
- 2012264555 Air Bag One Sarl The patent has been assigned to **Maternal Newborn Health Innovations, PBC**
- 2013312113 Metabolic Technologies, LLC; TSI, Inc. The patent has been assigned to **Metabolic Technologies, LLC**
- 2013324229 Henkel IP & Holding GmbH The patent has been assigned to **Henkel AG & Co. KGaA**
- 2014229498 FDNA Inc.; FDNA (UK) Limited The patent has been assigned to **FDNA Inc.**
- 2014402919 Henkel IP & Holding GmbH The patent has been assigned to **Henkel AG & Co. KGaA**
- 2015292856 Henkel IP & Holding GmbH The patent has been assigned to **Henkel AG & Co. KGaA**
- 2016100958 TRACKABOUT OFF ROAD CAMPERS AUST PTY LTD The patent has been assigned to **QLD Metal Solutions**
- 2016294583 Universite de Montpellier; Centre National de la Recherche Scientifique; Rhodia Operations The patent has been assigned to **Rhodia Operations**
- 2016354532 Applied Lifesciences and Systems, LLC The patent has been assigned to **Targan, Inc.**
- 2017100695 Mamaway Licencing Co. Ltd The patent has been assigned to **MAMAWAY ONE CO., LTD.**
- 2017225713 Chemical Intelligence Limited The patent has been assigned to **BMG (British Medical Group) Limited**

### Assignments Registered

2017232377 FMC Corporation The patent has been assigned to **FMC Agricultural Products International AG**

2017271695 SHINOHARA, Yuji; Glide Enterprise Inc. The patent has been assigned to **SHINOHARA, Yuji**

2017313149 SRI International The patent has been assigned to **Ex-Sorbition Inc.**

2017361120 Chanby Pty Ltd The patent has been assigned to **Chan, Ruby**

2019233204 Shanghai Fochon Pharmaceutical Co., Ltd.; Fochon Pharmaceuticals, Ltd. The patent has been assigned to **Fochon Biosciences, Ltd.**

2019257331 Henkel IP & Holding GmbH The patent has been assigned to **Henkel AG & Co. KGaA**

2019275589 Avigilon Analytics Corporation The patent has been assigned to **Motorola Solutions, Inc.**

2020203032 Samsung SDS Co., Ltd. The patent has been assigned to **ZIGBANG Co., Ltd.**

### 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.

2004295047 **Actelion Pharmaceuticals Ltd**

The earliest first regulatory approval date provided by the patentee 11 Mar 2022

For the goods PONVORY ponesimod

2009305980 **ACTELION PHARMACEUTICALS LTD**

The earliest first regulatory approval date provided by the patentee 11 Mar 2022

For the goods PONVORY ponesimod

#### Extensions granted

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

2014200819 **Janssen Sciences Ireland UC**

The earliest first regulatory approval date provided by the patentee 23 Feb 2021

For the goods CABENUVA cabotegravir

Extension of Term of patent pursuant to Section 77 expires on 22 Jun 2032

### Corrigenda

In Vol 35 , No 29 , Page(s) 5979 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Novus 84 Limited, Application No. 2020210096, under INID (71) correct the applicant name to Novus 48 Limited

In Vol 36 , No 14 , Page(s) 2070 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Oxford BioDynamics LLC, Application No. 2020344206, under INID (71) correct the applicant name to Oxford BioDynamics PLC

### Corrigenda

In Vol 36 , No 26 , Page(s) 3640 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2015** Delete all reference to 2015358427.

In Vol 36 , No 30 , Page(s) 4249 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Asahi Group Holdings, Ltd., Application No. 2020420235, under INID (71) add co-applicant Asahi Group Foods, Ltd.

In Vol 36 , No 30 , Page(s) 4300 under the heading **Applications Accepted - Name Index** Delete all reference to 2021204246.

In Vol 36 , No 31 , Page(s) 4420 under the heading **Applications Accepted - Name Index** Under the name Novus 84 Limited, Application No. 2020210096, under INID (71) correct the applicant name to Novus 48 Limited

### Specifications Republished

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

2017253495	<b>Pall Corporation</b>
2017275884	<b>Wix.com Ltd.</b>
2019358428	<b>Palacky University Olomouc</b>