



**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.

**Applications Lapsed, Refused or Withdrawn**

Application **2019370992** in the name of **Société des Produits Nestlé S.A.** entered national phase on 6 April 2021. The application was advertised withdrawn in the Official Journal of Patents dated 29 April 2021. The applicant has requested the Commissioner to reinstate the application on the grounds that the notice of withdrawal was given due to an error made by the applicant's agent.

Any person who may be affected by the reinstatement of the application may make submissions in writing to the Commissioner within one month of this advertisement. After one month from the date of advertisement, the Commissioner will determine whether the application should be treated as reinstated.

**IP AUSTRALIA**

**AUSTRALIAN PATENT OFFICE**

***EMD Millipore Corporation v Asahi Kasei Medical Co., Ltd. [2022] APO 6***

Patent Application: 2015309939

Title: Porous membrane

Patent Applicant: Asahi Kasei Medical Co., Ltd.

Opponent: EMD Millipore Corporation

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

Decision Date: 02 February 2022

Hearing Date: 9 November 2021 via teleconference

Catchwords: **PATENTS** – section 59 – a porous membrane for virus filtering measured using SEM imagining – grounds of clarity, best method, clear and complete disclosure, support, manner of manufacture, novelty, and inventive step – no grounds made out – opposition unsuccessful – costs apportioned because of amendments filed during opposition, after evidence in support

Representation: Representative of the opponent: Duncan Longstaff of Shelston IP Lawyers Pty Ltd  
Patent attorney for the opponent: Shelston IP Pty Ltd

Counsel for the applicant: Craig Smith  
Patent attorney for the applicant: Griffith Hack

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 25 Jan 2022 .

(71) Advanced Drilling Tools Pty Ltd (21) 2022900180 (22) 01.02.2022 (54) SYSTEM AND METHOD FOR THE DOWNHOLE DELIVERY OF A FLOW-ABLE MATERIAL	(71) Chung, D. (21) 2022900100 (22) 20.01.2022 (54) information ecosystem	(71) Farrugia, R. (21) 2022900142 (22) 27.01.2022 (54) A DEVICE CONFIGURED TO ENABLE CONTROL OVER A LINEARLY ACTUATED FUNCTIONAL COMPONENT VIA A SEGMENTED MEMBER
(71) Ahmadi, M. (21) 2022900157 (22) 30.01.2022 (54) Energy saving by elevating train stations.	(71) Cripps Clark, J. (21) 2022900156 (22) 30.01.2022 (54) DigETrace – methods, systems and devices exploiting advanced digital technologies in distributed environments with distributed devices (including cloud environments and connected possible remotely operated data-driven autonomous OEM devices of diverse kinds) and where collected data from those distributed systems is made accessible to AI and other processes to improve and aid in diagnosis or empower process improvements where accountability in use and design of diverse collaborative activities is important to the wellbeing of the public and enterprise.	(71) Groundwater Imaging Pty Ltd (21) 2022900175 (22) 31.01.2022 (54) ELECTROMAGNETIC SURVEY SYSTEM WITH SELF-LEVELLING HORIZONTAL COIL THAT CAN BE EITHER WALKED ALONG OR TOWED AS A CART; AND METHODS OF SURVEYING USING SUCH
Andersen, M. see Wilson, W. (21) 2022900145		(71) Hamwood, C. (21) 2022900170 (22) 31.01.2022 (54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN ADVERTISERS AND OWNERS OF ADVERTISING SITES
(71) Anscot Pty Ltd (21) 2022900182 (22) 01.02.2022 (54) Roof Rack	(71) CUGGLY BABAR PTY LTD (21) 2022900176 (22) 01.02.2022 (54) Sock that contains padding for the purpose of thickening the ankle or lower calf for better fitting footwear	(71) Handel, M. (21) 2022900141 (22) 25.01.2022 (54) Hoopin -portable basketball hoop with attached net. This hoop fits on top of a steel basketball rim that does not have a net. Thus, players have a net to use when playing. The hoop is easily removed when play is finished.
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2022900154 (22) 29.01.2022 (54) Process for treatment of hazardous waste	(71) davern, m. (21) 2022900113 (22) 21.01.2022 (54) Portable folding solar-wind powered generator system	(71) HOTI, M. (21) 2022900130 (22) 24.01.2022 (54) MEMORABILIA STORAGE DEVICE
(71) Blue Quest Group Pty Ltd (21) 2022900160 (22) 31.01.2022 (54) A FILTRATION ASSEMBLY AND METHOD OF USE THEREOF	(71) De Weers, A. (21) 2022900146 (22) 27.01.2022 (54) Vehicle mounting system to position handle remote control	(71) IDAZ09 Pty Ltd (21) 2022900158 (22) 30.01.2022 (54) Provisional Identification and Transaction Management
(71) BXB Technologies Pty Ltd (21) 2022900174 (22) 31.01.2022 (54) Method, Apparatus and System for Producing Hydrogen and Non-Gaseous Products for Industrial Applications, Energy Production, and Associated Electric Power Generation	(71) ENODA LTD (21) 2022900140 (22) 27.01.2022 (54) Electrical Power Apparatus	
(71) Cement Australia Pty Ltd (21) 2022900133 (22) 25.01.2022 (54) Admixture for concrete		

Provisional Applications Filed - Name Index cont'd

(71) IGO Limited  
(21) 2022900149 (22) 28.01.2022  
(54) Extraction Process

(71) Isaac, D.  
(21) 2022900128 (22) 24.01.2022  
(54) FLUSH-IT

(71) Kieran Patrick Designs  
(21) 2022900144 (22) 27.01.2022  
(54) 'Interment Capsule and Sculpture design for pet and livestock cremains'.

(71) King, E.  
(21) 2022900159 (22) 31.01.2022  
(54) A bed in the shape of a "T", also named a "T-Bed"

(71) LOCKTECH SECURITY PTY LTD  
(21) 2022900165 (22) 31.01.2022  
(54) Sliding window restrictor lock

(71) Lovell, C.  
(21) 2022900178 (22) 01.02.2022  
(54) Universal Logbooks For Machinery

(71) Magnay, B.  
(21) 2022900148 (22) 28.01.2022  
(54) SYSTEM AND METHOD FOR ASSISTING A USER REGARDING PRODUCT SELECTION

(71) MORGANIC PROJECTS PTY LTD  
(21) 2022900172 (22) 31.01.2022  
(54) Infinite Hydro Trompe

(71) Murphy, R.  
(21) 2021904283 (22) 25.12.2021  
(54) Phrase, welcome to the nose beer section merchandise

(71) nbn co limited  
(21) 2022900167 (22) 31.01.2022  
(54) CABLE CONNECTOR SECURITY DEVICE

(71) NBRYO PTY LTD  
(21) 2022900164 (22) 31.01.2022  
(54) Methods of embryo multiplication

(71) NewSouth Innovations Pty Limited  
(21) 2022900131 (22) 25.01.2022  
(54) A device

(71) NewSouth Innovations Pty Limited  
(21) 2022900134 (22) 25.01.2022  
(54) A rotor topology for very high speed permanent magnet machines

(71) Noxopharm Limited  
(21) 2022900183 (22) 01.02.2022  
(54) Inhibitors of TBK1 and/or IKKe

(71) Numedico Technologies Pty Ltd  
(21) 2022900168 (22) 31.01.2022  
(54) Devices and methods for syringe configured to reduce or eliminate residual drug volume

(71) Osmosis Group Holdings Pty Ltd  
(21) 2022900173 (22) 31.01.2022  
(54) Display panel

**Pact Renewables Pty Ltd see Arakel, A.**  
(21) 2022900154

(71) Park, K.  
(21) 2022900138 (22) 26.01.2022  
(54) Multiple lenses sunglasses

(71) PINTOS-LÃ"PEZ, J.  
(21) 2022900161 (22) 31.01.2022  
(54) RAPS (Rotating-Angle Propulsion and Steering)

(71) Ponnudurai, J.  
(21) 2022900155 (22) 30.01.2022  
(54) OHH BUG OFF Exterior Protection

(71) PT Agrapana Damayanti Indobiotek  
(21) 2022900137 (22) 25.01.2022  
(54) IMMUNOMODULATORY COMBINATIONS

(71) PYC Therapeutics Limited  
(21) 2022900163 (22) 31.01.2022  
(54) Method Of Treatment for Optic Atrophy

(71) PYC Therapeutics Limited  
(21) 2022900171 (22) 31.01.2022  
(54) COMPOSITIONS FOR MODULATION OF INFLAMMATION

**Razavi Bazaz, S. see Warkiani, M.E.**  
(21) 2022900132

(71) Ritchie Technology Pty Ltd  
(21) 2022900169 (22) 31.01.2022  
(54) Method and device for continuous direct recycling of plastic waste

(71) Saluda Medical Pty Ltd  
(21) 2022900147 (22) 28.01.2022  
(54) Improved programming of neurostimulation therapy

(71) Shephard, B.  
(21) 2022900152 (22) 28.01.2022  
(54) A tank for the storage, fermentation, and aging of alcoholic beverages with wooden staves.

(71) Siritzky, S.  
(21) 2022900139 (22) 26.01.2022  
(54) Cricket Batting Bottom Hand Grip Aid

(71) TAOUK, F.  
(21) 2022900136 (22) 25.01.2022  
(54) A metering device

(71) TERITAITI, C.  
(21) 2022900177 (22) 01.02.2022  
(54) A TROWEL FOR USE IN LAYING BRICKS

(71) The Florey Institute of Neuroscience and Mental Health; The University of Melbourne  
(21) 2022900153 (22) 28.01.2022  
(54) Dimers and uses therefor

(71) The University of Melbourne  
(21) 2022900150 (22) 28.01.2022  
(54) Therapeutic mRNA

**The University of Melbourne see The Florey Institute of Neuroscience and Mental Health**  
(21) 2022900153

(71) The University of Sydney  
(21) 2022900181 (22) 01.02.2022  
(54) Treatment and selection methods

(71) The University of Western Australia  
(21) 2022900135 (22) 25.01.2022  
(54) In-line solids deposition sensor

(71) Vater, L.  
(21) 2022900179 (22) 01.02.2022  
(54) A SLIDING DOOR OR GATE ARRANGEMENT

(71) Warkiani, M.E.; Razavi Bazaz, S.  
(21) 2022900132 (22) 25.01.2022  
(54) A microfluidic device

(71) Wear Detection Technologies Pty Ltd  
(21) 2022900143 (22) 27.01.2022  
(54) Improved well component

## Provisional Applications Filed - Name Index cont'd

(71) Wheeler, D.  
(21) 2022900162 (22) 31.01.2022  
(54) Compact gym equipment apparatus

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(71) Wilson, W.; Andersen, M.  
(21) 2022900145 (22) 27.01.2022  
(54) Toy Building Block Self Releasing Feature

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(71) Woven Image Pty Limited  
(21) 2022900129 (22) 24.01.2022  
(54) A non-woven biopolymer board

Numerical Index

2021904283	Murphy, R.
2022900100	Chung, D.
2022900113	davern, m.
2022900128	Isaac, D.
2022900129	Woven Image Pty Limited
2022900130	HOTI, M.
2022900131	NewSouth Innovations Pty Limited
2022900132	Warkiani, M.E.; Razavi Bazaz, S.
2022900133	Cement Australia Pty Ltd
2022900134	NewSouth Innovations Pty Limited
2022900135	The University of Western Australia
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2022900144	Kieran Patrick Designs
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2022900146	De Weers, A.
2022900147	Saluda Medical Pty Ltd
2022900148	Magnay, B.
2022900149	IGO Limited
2022900150	The University of Melbourne
2022900152	Shephard, B.
2022900153	The Florey Institute of Neuroscience and Mental Health; The University of Melbourne
2022900154	Arakel, A.; Pact Renewables Pty Ltd
2022900155	Ponnudurai, J.
2022900156	Cripps Clark, J.
2022900157	Ahmadi, M.
2022900158	IDAZ09 Pty Ltd
2022900159	King, E.
2022900160	Blue Quest Group Pty Ltd
2022900161	PINTOS-LÃ“PEZ, J.
2022900162	Wheeler, D.
2022900163	PYC Therapeutics Limited
2022900164	NBRYO PTY LTD
2022900165	LOCKTECH SECURITY PTY LTD
2022900167	nbn co limited
2022900168	Numedico Technologies Pty Ltd
2022900169	Ritchie Technology Pty Ltd
2022900170	Hamwood, C.
2022900171	PYC Therapeutics Limited
2022900172	MORGANIC PROJECTS PTY LTD
2022900173	Osmosis Group Holdings Pty Ltd
2022900174	BXB Technologies Pty Ltd
2022900175	Groundwater Imaging Pty Ltd
2022900176	CUGGLY BABAR PTY LTD
2022900177	TERITAITI, C.
2022900178	Lovell, C.
2022900179	Vater, L.
2022900180	Advanced Drilling Tools Pty Ltd
2022900181	The University of Sydney
2022900182	Anscot Pty Ltd
2022900183	Noxopharm Limited



Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Jan 2022 .

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

<p>(71) 2807302 Ontario Inc (21) 2022200332 (22) 19.01.2022 (54) Double Wall Folding Chair and Method for Use (31) 63/139,347 (32) 20.01.21 (33) US</p>	<p>uses thereof for the treatment of herpes viruses (62) 2021202942</p>	<p>(71) Apple Inc. (21) 2022200367 (22) 20.01.2022 (54) Displaying a representation of a card with a layered structure (31) 63/144,406 (32) 01.02.21 (33) US 17/366,698 02.07.21 US</p>
<p>(71) Accenture Global Solutions Limited (21) 2022200324 (22) 19.01.2022 (54) MODEL CONTROL PLATFORM (62) 2020223718</p>	<p>(71) Alarm.com Incorporated (21) 2022200322 (22) 19.01.2022 (54) EMERGENCY DRONE GUIDANCE DEVICE (62) 2021204810</p>	<p>(71) Appux Limited (21) 2022200314 (22) 18.01.2022 (54) Running applications on a computing device (62) 2016322044</p>
<p>(71) Acres Technology (21) 2022200313 (22) 18.01.2022 (54) Method and Apparatus for Selectively Indicating Win Probability (62) 2020200056</p>	<p>(71) Alchin Long Group IP Pty Limited (21) 2022200339 (22) 19.01.2022 (54) A sliding panel lock (31) 2021900188 (32) 28.01.21 (33) AU</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022200338 (22) 19.01.2022 (54) A GAMING MACHINE INTERFACE FOR A MULTI-GAME GAMING MACHINE (62) 2020200036</p>
<p>(71) Acres Technology (21) 2022200410 (22) 21.01.2022 (54) Delayed Bonus Win Determination (62) 2020200061</p>	<p>(71) ALS Therapy Development Institute (21) 2022200323 (22) 19.01.2022 (54) ANTI-CD40L ANTIBODIES AND METHODS FOR TREATING CD40L-RELATED DISEASES OR DISORDERS (62) 2016215505</p>	<p>(71) Astellas Pharma Inc.; BioNTech AG (21) 2022200283 (22) 17.01.2022 (54) BISPECIFIC TRIVALENT ANTIBODIES BINDING TO CLAUDIN6 OR CLAUDIN18.2 AND CD3 FOR TREATMENT OF CLAUDIN EXPRESSING CANCER DISEASES (62) 2017331331</p>
<p>(71) Adobe Inc. (21) 2022200432 (22) 23.01.2022 (54) EXTENSIBLE SEARCH, CONTENT, AND DIALOG MANAGEMENT SYSTEM (31) 17/211,392 (32) 24.03.21 (33) US</p>	<p>(71) AMARIN PHARMACEUTICALS IRELAND LIMITED (21) 2022200321 (22) 19.01.2022 (54) STABLE PHARMACEUTICAL COMPOSITION AND METHODS OF USING SAME (62) 2019257528</p>	<p>(71) Baird Technology Pty Ltd (21) 2022200355 (22) 19.01.2022 (54) TARGET DEVICE FOR USE IN FIRE-ARM TRAINING</p>
<p>(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2022200369 (22) 20.01.2022 (54) Carbon-coated cathode material and preparation method thereof (31) 110148959 (32) 27.12.21 (33) TW</p>	<p>(71) Amgen Inc. (21) 2022200344 (22) 19.01.2022 (54) Injector and method of assembly (62) 2020200659</p>	<p>(71) BASF SE (21) 2022200285 (22) 17.01.2022 (54) Antifungal Paenibacillus strains, fusaricidin-type compounds, and their use (62) 2015299053</p>
<p>(71) AG 18, LLC (21) 2022200378 (22) 20.01.2022 (54) INTERACTIVE GAMING AMONG A PLURALITY OF PLAYERS SYSTEMS AND METHODS (62) 2019271967</p>	<p>(71) AMOURIS, K. (21) 2022200392 (22) 21.01.2022 (54) SYSTEM AND METHOD FOR CONSUMER-BASED STORING, RETRIEVING AND TRANSMITTING OF PROMOTIONAL CONTENT TO OTHER CONSUMERS (62) 2020294355</p>	<p>(71) Becton, Dickinson and Company (21) 2022200360 (22) 20.01.2022 (54) Universal single-use cap for male and female connectors (62) 2019251203</p>
<p>(71) AiCuris GmbH &amp; Co. KG (21) 2022200409 (22) 21.01.2022 (54) A maleate salt of the free base of N-[5-(aminosulfonyl)-4-methyl-1,3-thiazol-2-yl]-N-methyl-2-[4-(2-pyridinyl)-phenyl]-acetamide, pharmaceutical formulations, methods of manufacture and</p>	<p>(71) Angel Group Co., Ltd. (21) 2022200450 (22) 24.01.2022 (54) Management system for table games, substitute currency for gaming, inspection device, and management system of substitute currency for gaming (62) 2020213356</p>	<p>(71) Becton, Dickinson and Company (21) 2022200394 (22) 21.01.2022 (54) System and method for assuring patient medication and fluid delivery at the clinical point of use (62) 2020201186</p>

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<p>(71) BeiGene, Ltd. (21) 2022200278 (22) 17.01.2022 (54) CRYSTALLINE FORM OF (S)-7-(1-ACRYLOYLPYPERIDIN-4-YL)-2-(4-PHENOXYPHENYL)-4,5,6,7-TETRA-HYDRO-PYRAZOLO[1,5-A]PYRIMIDINE-3-CARBOXAMIDE, PREPARATION, AND USES THEREOF (62) 2017314178</p>	<p>(71) Carl Zeiss AG (21) 2022200296 (22) 18.01.2022 (54) METHOD FOR SIMULATING AN OPTICAL IMAGE (31) 102021200965.4 (32) 03.02.21 (33) DE</p>	<p><b>Eureka Therapeutics, Inc. see Memorial Sloan-Kettering Cancer Center</b> (21) 2022200381</p>
<p>(71) Beijing Baidu Netcom Science and Technology Co., Ltd. (21) 2022200282 (22) 17.01.2022 (54) Digital signature method, signature information verification method, related apparatus and electronic device (31) 202110319789.7 (32) 25.03.21 (33) CN</p>	<p>(71) Chr. Hansen A/S (21) 2022200309 (22) 18.01.2022 (54) Variants of chymosin with improved milk-clotting properties (62) 2017267273</p>	<p>(71) Ex Electrical Pty Ltd (21) 2022200337 (22) 19.01.2022 (54) A vehicle for handling a cable drum for a cable</p>
<p>(71) Beijing Petrosound Geo services Com., Ltd (21) 2022200417 (22) 21.01.2022 (54) A METHOD FOR SEISMIC FREQUENCY RESONANCE EXPLORATION TECHNOLOGY (31) 202110230159.2 (32) 02.03.21 (33) CN</p>	<p>(71) Colgate-Palmolive Company (21) 2022200434 (22) 24.01.2022 (54) Oral care implement (62) 2018384551</p>	<p><b>Falcao, E. see Spredfast, Inc.</b> (21) 2022200375</p>
<p><b>Biogen MA Inc. see UCB Biopharma SRL</b> (21) 2022200347</p>	<p>(71) ConnectWise, Inc. (21) 2022200380 (22) 20.01.2022 (54) SYSTEMS AND METHODS FOR UPDATING THE CONFIGURATION OF A CLOUD SERVICE (62) 2017357775</p>	<p>(71) FISHER &amp; PAYKEL HEALTHCARE LIMITED (21) 2022200399 (22) 21.01.2022 (54) HEADGEAR CLIP ARRANGEMENT (62) 2020203810</p>
<p><b>BioNTech AG see Astellas Pharma Inc.</b> (21) 2022200283</p>	<p>(71) Coulter Ventures LLC (21) 2022200346 (22) 19.01.2022 (54) Weightlifting rack assembly and wall mount bracket for a weightlifting rack assembly (62) 2018360038</p>	<p>(71) Fisher &amp; Paykel Healthcare Limited (21) 2022200397 (22) 21.01.2022 (54) PRESSURE RANGE ADJUSTMENT FOR RESPIRATORY THERAPY DEVICE (62) 2020201765</p>
<p>(71) Bodd Technologies Pty Ltd (21) 2022200413 (22) 21.01.2022 (54) Printer head for 3D printer (31) 2021900136 (32) 21.01.21 (33) AU</p>	<p>(71) Cycleron Therapeutics, Inc. (21) 2022200331 (22) 19.01.2022 (54) Phosphorus prodrugs of sGC stimulators (62) 2017291826</p>	<p>(71) FMC CORPORATION (21) 2022200376 (22) 20.01.2022 (54) FOAM FORMULATIONS AND APPARATUS FOR DELIVERY (62) 2020201494</p>
<p>(71) Britax Römer Kindersicherheit GmbH (21) 2022200286 (22) 17.01.2022 (54) A CHILD SAFETY SEAT ROTATABLY MOUNTED ON A BASE</p>	<p>(71) DAIP Pty. Ltd. (21) 2022200287 (22) 17.01.2022 (54) ROLLER COVER FOR TRAYBACK VEHICLE (62) 2019283810</p>	<p>(71) FORTEX WALL SYSTEMS PTY LTD (21) 2022200312 (22) 18.01.2022 (54) SANDWICH PANEL (31) 2021900109 (32) 19.01.21 (33) AU</p>
<p>(71) Buffalo Filter LLC (21) 2022200428 (22) 21.01.2022 (54) Filtering method and apparatus (62) 2019384171</p>	<p>(71) Dignity Health (21) 2022200362 (22) 20.01.2022 (54) SYSTEMS AND METHODS FOR USING EYE MOVEMENTS TO DETERMINE TRAUMATIC BRAIN INJURY (62) 2020200135</p>	<p>(71) Foster, D. (21) 2022200308 (22) 18.01.2022 (54) Protective Guard for a Disc Opener of a Row Unit of a Disc Planter</p>
<p>(71) Bühler AG (21) 2022200349 (22) 19.01.2022 (54) Roller groups for grinding devices, grinding devices, and methods (62) 2019275986</p>	<p>(71) Droplet Bag Mine Support Innovations (Pty) Ltd (21) 2022200343 (22) 19.01.2022 (54) Support (31) 2021/00966 (32) 12.02.21 (33) ZA</p>	<p>(71) Fox Guard IP Pty Ltd (21) 2022200388 (22) 20.01.2022 (54) GOODS PROTECTION LABEL THAT MAY BE SECURED TO A PRODUCT</p>
<p>(71) Bühler AG (21) 2022200350 (22) 19.01.2022 (54) Roller groups for grinding devices, grinding devices, and methods (62) 2019275986</p>	<p>(71) Elemental Scientific Lasers, LLC (21) 2022200425 (22) 21.01.2022 (54) Simultaneous pattern-scan placement during sample processing (62) 2017207276</p>	<p>(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2022200371 (22) 20.01.2022 (54) Adaptive timing synchronization for reception for bursty and continuous signals (62) 2018336752</p>
		<p>(71) Fredette, B. (21) 2022200342 (22) 19.01.2022 (54) System and method for managing event access rights (62) 2019279914</p>

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(71) Globaltech Corporation Pty Ltd  
(21) 2022200390 (22) 20.01.2022  
(54) Drilling Activity Logging Device, System and Method  
(62) 2020202260

(71) Gooden, A.  
(21) 2022200372 (22) 20.01.2022  
(54) Heat shield  
(31) 2021900615 (32) 04.03.21 (33) AU

**GS Elektromedizinische Geräte G. Stemple GmbH see Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.**  
(21) 2022200416

(71) H & L Pipelines Pty Ltd  
(21) 2022200421 (22) 21.01.2022  
(54) AN ASSET SEPARATOR

(71) Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.; GS Elektromedizinische Geräte G. Stemple GmbH  
(21) 2022200416 (22) 21.01.2022  
(54) Evaluation arrangement for a thermal gas sensor, methods and computer programs  
(62) 2019205103

(71) Hayward Industries, Inc.  
(21) 2022200295 (22) 18.01.2022  
(54) Swimming pool cleaner  
(62) 2020200411

(71) Hayward Industries, Inc.  
(21) 2022200316 (22) 18.01.2022  
(54) Modular pool/spa control system  
(62) 2020200758

(71) Hemosonics, LLC  
(21) 2022200407 (22) 21.01.2022  
(54) DEVICES, SYSTEMS AND METHODS FOR EVALUATION OF HEMOSTASIS  
(62) 2019201621

(71) Hill, C.  
(21) 2022200284 (22) 17.01.2022  
(54) Connector Device  
(62) 2019271923

**Hoerner, B. see Spredfast, Inc.**  
(21) 2022200375

(71) Holland Products Pty Ltd  
(21) 2022200382 (22) 20.01.2022  
(54) Beam  
(31) 2021900122 (32) 20.01.21 (33) AU

(71) HONEYWELL INTERNATIONAL INC.  
(21) 2022200336 (22) 19.01.2022  
(54) INLINE TRANSDUCER HOUSING ASSEMBLY  
(31) 17/176,168 (32) 15.02.21 (33) US

(71) Human Intelligy Service Corp.  
(21) 2022200433 (22) 24.01.2022  
(54) Driving device with upper and lower travel detection function for an electric rolling door  
(31) 110201109 (32) 29.01.21 (33) TW

(71) Illinois Tool Works Inc.  
(21) 2022200405 (22) 21.01.2022  
(54) Tool and tool attachment  
(62) 2016225840

(71) immatics biotechnologies GmbH  
(21) 2022200419 (22) 21.01.2022  
(54) NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS INCLUDING GASTROINTESTINAL AND GASTRIC CANCER  
(62) 2020200890

(71) innogy SE  
(21) 2022200300 (22) 18.01.2022  
(54) Open-loop and/or closed-loop control of power generation installations  
(62) 2018330506

(71) Innovapark, LLC  
(21) 2022200298 (22) 18.01.2022  
(54) GEN II meter system with multiple processors, multiple detection sensor types, fault tolerance methods, power sharing and multiple user interface methods  
(62) 2020200296

(71) Innovation Fishing Pty Ltd  
(21) 2022200429 (22) 21.01.2022  
(54) Octopus Pot  
(31) 2021900146 (32) 22.01.21 (33) AU

**Institute for Research in Biomedicine (IRB) see Regeneron Pharmaceuticals Inc**  
(21) 2022200302

(71) Insulet Corporation  
(21) 2022200293 (22) 18.01.2022  
(54) Automatic drug delivery system for delivery of a GLP-1 therapeutic  
(31) 63/143,437 (32) 29.01.21 (33) US

(71) Ireland, D.; Majkic, B.  
(21) 2022200265 (22) 17.01.2022  
(54) "TARA" Building Block  
(31) 2021904014 (32) 11.12.21 (33) AU

(71) ITT Manufacturing Enterprises LLC  
(21) 2022200281 (22) 17.01.2022  
(54) Motor assembly for driving a pump or rotary device, having power plane with multi-layer power and control printed circuit board assembly  
(62) 2017230115

(71) Janssen Sciences Ireland UC  
(21) 2022200385 (22) 20.01.2022  
(54) Antibacterial compounds  
(62) 2016287477

(71) JC Medical, Inc.  
(21) 2022200403 (22) 21.01.2022  
(54) Heart valve prosthesis and delivery  
(62) 2019205319

(71) JONES, S.  
(21) 2022200386 (22) 20.01.2022  
(54) System for use of retirement funds for investment and disbursement  
(62) 2016265870

(71) Joy Global Underground Mining LLC  
(21) 2022200412 (22) 21.01.2022  
(54) Conveyor pan  
(62) 2015405074

(71) Kawasaki Jukogyo Kabushiki Kaisha  
(21) 2022200383 (22) 20.01.2022  
(54) Autonomous underwater vehicle  
(62) 2019252082

**Keeler, J.M. see Panosian, M.H.**  
(21) 2022200334

**Keeler, J.M. see Panosian, M.H.**  
(21) 2022200420

(71) Leadfarm (Australia) Pty Ltd  
(21) 2022200414 (22) 21.01.2022  
(54) HERBICIDE PREPARATIONS AND PROCESSES FOR MANUFACTURE THEREOF

(71) LG Electronics Inc.  
(21) 2022200426 (22) 21.01.2022  
(54) Refrigerator  
(62) 2020210265

(71) LG ELECTRONICS INC.  
(21) 2022200356 (22) 19.01.2022  
(54) Refrigerator  
(62) 2018337476

(71) LG ELECTRONICS INC.  
(21) 2022200359 (22) 20.01.2022

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(54) LIGHTING MODULE AND REFRIGERATOR HAVING DISPENSER  
(31) 10-2021-0019135 (32) 10.02.21 (33) KR

(71) Lobsor Pharmaceuticals Aktiebolag  
(21) 2022200291 (22) 18.01.2022  
(54) Pharmaceutical compositions comprising levodopa, a dopamine de-carboxylase inhibitor and a COMT inhibitor and method of administration thereof  
(62) 2020239682

(71) Louver-Lite Limited  
(21) 2022200358 (22) 19.01.2022  
(54) Roller Tube  
(62) 2020277105

(71) Macernis, A.  
(21) 2022200357 (22) 19.01.2022  
(54) WRAP-AROUND GATE LATCH

(71) Mack Rides GmbH & Co. KG  
(21) 2022200404 (22) 21.01.2022  
(54) METHOD OF OPERATING A RIDE AND A RIDE  
(31) 102021101864.1 (32) 27.01.21 (33) DE

(71) Madrigal Pharmaceuticals, Inc.  
(21) 2022200353 (22) 19.01.2022  
(54) TARGETED THERAPEUTICS  
(62) 2019284066

(71) Magic Leap, Inc.  
(21) 2022200301 (22) 18.01.2022  
(54) Virtual and augmented reality systems and methods having unequal numbers of component color images distributed across depth planes  
(62) 2017206021

(71) Magic Leap, Inc.  
(21) 2022200361 (22) 20.01.2022  
(54) Color separation in waveguides using dichroic filters  
(62) 2017379072

(71) Magic Leap, Inc.  
(21) 2022200363 (22) 20.01.2022  
(54) Augmented reality systems and methods utilizing reflections  
(62) 2017210289

**Majkic, B. see Ireland, D.**  
(21) 2022200265

(71) Mallinckrodt Hospital Products IP Limited  
(21) 2022200379 (22) 20.01.2022

(54) System and method of administering a pharmaceutical gas to a patient  
(62) 2020202875

**McElwee, A. see Spredfast, Inc.**  
(21) 2022200375

(71) McNeil-PPC, Inc.  
(21) 2022200370 (22) 20.01.2022  
(54) Preserved compositions containing hyaluronic acid or a pharmaceutically-acceptable salt thereof and related methods  
(62) 2019275608

(71) Medtronic Navigation, Inc.  
(21) 2022200304 (22) 18.01.2022  
(54) System and method for performing and evaluating a procedure  
(62) 2019282529

(71) Melaleuca, Inc.  
(21) 2022200352 (22) 19.01.2022  
(54) BACTERIAL COMPOSITIONS  
(62) 2016204815

(71) Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.  
(21) 2022200381 (22) 20.01.2022  
(54) Chimeric antigen receptors targeting Fc Receptor-like 5 and uses thereof  
(62) 2015357543

(71) Menzies, G.W.  
(21) 2022200310 (22) 18.01.2022  
(54) A Transportation Pallet

(71) Merck Patent GmbH  
(21) 2022200365 (22) 20.01.2022  
(54) Targeted TGFβ Inhibition  
(62) 2019246876

(71) Mobile Electronics Inc.  
(21) 2022200584 (22) 28.01.2022  
(54) Method and system for a universal programmable voltage module  
(62) 2017239164

(71) Multisteps Pty Ltd  
(21) 2022200427 (22) 21.01.2022  
(54) A Produce Container  
(62) 2020201959

(71) Nextivity, Inc.  
(21) 2022200395 (22) 21.01.2022  
(54) SYSTEM AND METHOD FOR ASSIGNING FREQUENCY RESOURCES IN A THREE-HOP REPEATER  
(62) 2019284007

(71) Nicoventures Trading Limited  
(21) 2022200289 (22) 18.01.2022  
(54) A control device for an electronic aerosol provision system  
(62) 2019244384

(71) Nohms Technologies, Inc.  
(21) 2022200320 (22) 19.01.2022  
(54) Modified ionic liquids containing phosphorus  
(62) 2017240747

(71) Novaliq GmbH  
(21) 2022200366 (22) 20.01.2022  
(54) SEMIFLUORINATED COMPOUNDS FOR OPHTHALMIC ADMINISTRATION  
(62) 2020205239

(71) Novartis AG; The Trustees of the University of Pennsylvania  
(21) 2022200288 (22) 18.01.2022  
(54) Treatment of cancer using anti-CD19 chimeric antigen receptor  
(62) 2015244039

(71) Oxford University Innovation Limited  
(21) 2022200306 (22) 18.01.2022  
(54) Treatment of retinitis pigmentosa  
(62) 2016320551

(71) Panosian, M.H.; Keeler, J.M.  
(21) 2022200334 (22) 19.01.2022  
(54) Dual laser measurement device and online ordering system using the same  
(31) 17/156,521 (32) 22.01.21 (33) US

(71) Panosian, M.H.; Keeler, J.M.  
(21) 2022200420 (22) 21.01.2022  
(54) Laser distance measurement device  
(31) 17/156,522 (32) 23.01.21 (33) US

(71) Papivax Biotech Inc.  
(21) 2022200326 (22) 19.01.2022  
(54) VACCINE COMBINATION AND METHOD FOR USING THE SAME

(71) Phoenix Product Development Limited  
(21) 2022200384 (22) 20.01.2022  
(54) Toilet pan body and its method of manufacturing  
(62) 2019203870

(71) PPG Industries Ohio, Inc.  
(21) 2022200368 (22) 20.01.2022  
(54) Electrode binder slurry composition for lithium ion electrical storage devices  
(62) 2018297344

(71) Qualcomm Incorporated  
(21) 2022200398 (22) 21.01.2022

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(54) DIFFERENT NUMEROLOGY FOR SIGNAL TRANSMISSION

(62) 2017253669

(71) Rain Hail Solutions Pty Ltd

(21) 2022200373 (22) 20.01.2022

(54) A SYSTEM FOR A ROOF GUTTER

(62) 2019317218

(71) Regeneron Pharmaceuticals Inc; Yale University; Institute for Research in Biomedicine (IRB)

(21) 2022200302 (22) 18.01.2022

(54) Genetically modified non-human animals and methods of use thereof

(62) 2019204775

(71) RePipe Pty Ltd

(21) 2022200307 (22) 18.01.2022

(54) Methods and Systems for Providing and Receiving Information for Risk Management in the Field

(62) 2016228971

(71) Samsung Electronics Co., Ltd.

(21) 2022200319 (22) 19.01.2022

(54) SYSTEMS AND METHODS FOR DATA TRANSFER FOR COMPUTATIONAL STORAGE DEVICES

(31) 63/142,485 (32) 27.01.21 (33) US  
63/241,525 07.09.21 US  
17/495,810 06.10.21 US

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 2022200406 (22) 21.01.2022

(54) Method and apparatus for design of NR-SS burst set

(62) 2018226352

(71) SAMSUNG ELECTRONICS CO., LTD.

(21) 2022200411 (22) 21.01.2022

(54) Electronic device for reporting communication quality measurement result and method of operating the electronic device

(62) 2020203964

(71) Sangamo Therapeutics, Inc.

(21) 2022200341 (22) 19.01.2022

(54) Targeted Disruption Of The MHC Cell Receptor

(62) 2016374253

(71) SanoTech 360, LLC

(21) 2022200431 (22) 22.01.2022

(54) Electrostatic Sprayer

(62) 2018394917

(71) Senecio Ltd.

(21) 2022200430 (22) 21.01.2022

(54) Device and Method for Storage Transportation and Release of Fragile Insects and Other Fragile Items

(62) 2015356566

(71) SEW-EURODRIVE GmbH & Co. KG

(21) 2022200317 (22) 18.01.2022

(54) Electrical appliance arrangement having an electrical appliance which can be fastened to a support element, in particular a wall

(62) 2019230922

(71) Shonan Gosei-Jushi Seisakusho K.K.

(21) 2022200279 (22) 17.01.2022

(54) SPACER FOR ADJUSTING THE POSITION OF A REHABILITATION PIPE AND POSITION ADJUSTING METHOD USING SUCH

(31) 2021-029128 (32) 25.02.21 (33) JP

(71) Siemens Mobility GmbH

(21) 2022200290 (22) 18.01.2022

(54) Method of training control means of a rail vehicle, control means, and rail vehicle

(31) EP21154227 (32) 29.01.21 (33) EP

(71) Sigma-Aldrich Co. LLC

(21) 2022200330 (22) 19.01.2022

(54) CRISPR-BASED GENOME MODIFICATION AND REGULATION

(62) 2020230243

(71) Smith & Nephew plc

(21) 2022200348 (22) 19.01.2022

(54) Negative pressure wound therapy apparatus

(62) 2016383524

(71) Snap-on Incorporated

(21) 2022200294 (22) 18.01.2022

(54) TOOL WITH SURFACES WITH A COMPRESSIVE SURFACE STRESS LAYER

(31) 17/158,551 (32) 26.01.21 (33) US

(71) Snap-on Incorporated

(21) 2022200325 (22) 19.01.2022

(54) HIGH LEVERAGE LOCKING PLIERS

(31) 17/161,010 (32) 28.01.21 (33) US

(71) Snap-on Incorporated

(21) 2022200328 (22) 19.01.2022

(54) CIRCUIT BOARD WITH SENSOR CONTROLLED LIGHTS AND END-TO-END CONNECTION

(31) 17/162,512 (32) 29.01.21 (33) US

(71) SOFER, B.

(21) 2022200418 (22) 21.01.2022

(54) METHODS AND APPARATUSES FOR MITIGATING FIRE RISK

(31) 63/145,218 (32) 03.02.21 (33) US  
17/645,958 23.12.21 US

(71) SOURCE GLOBAL PTY. LTD.

(21) 2022200254 (22) 15.01.2022

(54) Improved Rain Gutter Bracket

(71) Spredfast, Inc.; Falcao, E.; Hoerner, B.; Swain, M.; McElwee, A.

(21) 2022200375 (22) 20.01.2022

(54) Temporal optimization of data operations using distributed search and server management

(62) 2019209542

(71) STEVE LEIGH & ASSOCIATES LTD.

(21) 2022200327 (22) 19.01.2022

(54) A Water Fitting Housing

(31) 2100907.1 (32) 22.01.21 (33) GB  
2200590.4 18.01.22 GB

(71) Stryker Corporation

(21) 2022200424 (22) 21.01.2022

(54) Surgical reciprocating blade assembly including a static guide bar, teeth that project from a side of the guide bar and a drive rod that reciprocates the teeth

(62) 2019229465

(71) Suprasensor Technologies, LLC

(21) 2022200423 (22) 21.01.2022

(54) MOLECULAR RECEPTOR-BASED CHEMICAL FIELD-EFFECT TRANSISTOR

(62) 2020277200

Swain, M. see Spredfast, Inc.

(21) 2022200375

(71) Takeda Vaccines, Inc.

(21) 2022200351 (22) 19.01.2022

(54) Method for inactivating ZIKA Virus and related methods

(62) 2018375789

(71) TAM International, Inc.

(21) 2022200280 (22) 17.01.2022

(54) Modular downhole packer

(31) 63/138,476 (32) 17.01.21 (33) US

(71) Techtronic Cordless GP

(21) 2022200435 (22) 24.01.2022

(54) Chainsaws

(31) 63/145,276 (32) 03.02.21 (33) US

(71) Terra Quantum AG

(21) 2022200387 (22) 20.01.2022

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(54) METHOD AND SYSTEM FOR QUANTUM KEY DISTRIBUTION  
(31) 21153846.7 (32) 27.01.21 (33) EP

(71) Terra Quantum AG  
(21) 2022200389 (22) 20.01.2022  
(54) HYBRID QUANTUM COMPUTATION ARCHITECTURE FOR SOLVING A SYSTEM OF LINEAR BINARY RELATIONS  
(31) 21154851.6 (32) 02.02.21 (33) EP

(71) The Boeing Company  
(21) 2022200345 (22) 19.01.2022  
(54) Characterizing soft tissue stress for ameliorating injury in performing a process  
(31) 17/453,586 (32) 04.11.21 (33) US  
63/139,998 21.01.21 US

(71) Theia Group, Incorporated  
(21) 2022200377 (22) 20.01.2022  
(54) Low earth orbit satellite constellation system for communications with re-use of geostationary satellite spectrum  
(62) 2017260347

**The Trustees of the University of Pennsylvania see Novartis AG**  
(21) 2022200288

(71) Torque Fitness, LLC  
(21) 2022200335 (22) 19.01.2022  
(54) WEIGHT TRAINING SLED  
(62) 2017215330

(71) Total Seismic Pty Ltd  
(21) 2022200315 (22) 18.01.2022  
(54) A SEISMIC SIGNAL AMPLIFIER

(71) TRANSDEV GROUP INNOVATION  
(21) 2022200396 (22) 21.01.2022  
(54) Control equipment capable of controlling a steering angle of an autonomous vehicle and autonomous vehicle comprising such equipment  
(31) 21 00611 (32) 22.01.21 (33) FR

(71) TRANSDEV GROUP INNOVATION  
(21) 2022200401 (22) 21.01.2022  
(54) Control equipment capable of controlling the braking of an autonomous vehicle and associated vehicle  
(31) 21 00612 (32) 22.01.21 (33) FR

(71) TVA Medical, Inc.  
(21) 2022200393 (22) 21.01.2022  
(54) DEVICES AND METHODS FOR ADVANCING A WIRE  
(62) 2017207507

(71) UCB Biopharma SRL; Biogen MA Inc.  
(21) 2022200347 (22) 19.01.2022  
(54) Treatment of autoimmune disorders with CD154 antibodies  
(62) 2015379642

(71) United Airlines, Inc.  
(21) 2022200318 (22) 18.01.2022  
(54) Expedited international flight online check-in  
(62) 2020200595

(71) ViaSat, Inc.  
(21) 2022200364 (22) 20.01.2022  
(54) STEERING NETWORK TRAFFIC OVER MULTIPLE ACCESS NETWORKS  
(62) 2017299496

(71) VIGOURPLASTIC CO., LTD.  
(21) 2022200303 (22) 18.01.2022  
(54) CONTAINER THAT PREVENTS FROM AN ILLEGAL OPERATION AND CAN BE EASILY IDENTIFIED AFTER BEING ILLEGALLY OPERATED  
(31) 110104442 (32) 05.02.21 (33) TW

(71) Waymo LLC  
(21) 2022200408 (22) 21.01.2022  
(54) METHODS AND SYSTEMS FOR CLEARING SENSOR OCCLUSIONS  
(62) 2020200989

(71) Waymo LLC  
(21) 2022200422 (22) 21.01.2022  
(54) COMMUNICATIONS FOR AUTONOMOUS VEHICLES  
(62) 2020237426

(71) Welch Allyn, Inc.  
(21) 2022200340 (22) 19.01.2022  
(54) Digital image screening and/or diagnosis using artificial intelligence  
(62) 2020203660

(71) Well Stone Co.  
(21) 2022200329 (22) 19.01.2022  
(54) Amyloid beta fibril decomposing agent, and therapeutic or preventive agent and therapeutic or preventive food composition for diseases caused by amyloid beta fibril formation  
(62) 2016296962

(71) Wing Aviation LLC  
(21) 2022200292 (22) 18.01.2022  
(54) Clip-on propeller mount  
(62) 2019257691

(71) Wymac Gaming Solutions Pty Ltd  
(21) 2022200354 (22) 19.01.2022

(54) Gaming machine with timed game of chance and skill  
(62) 2017268025

**Yale University see Regeneron Pharmaceuticals Inc**  
(21) 2022200302

(71) Ye, M.  
(21) 2022200391 (22) 20.01.2022  
(54) Saliva Kit for Nucleic Acid Test  
(31) 202111620553.3 (32) 28.12.21 (33) CN

(71) Zebra Technologies Corporation  
(21) 2022200305 (22) 18.01.2022  
(54) Camera enhanced off-platter detection system  
(31) 17/185,705 (32) 25.02.21 (33) US

(71) Zhejiang Orient Gene Biotech Co., Ltd  
(21) 2022200436 (22) 24.01.2022  
(54) PACKAGING BOX  
(31) 2021202040850 (32) 25.01.21 (33) CN

(71) Zhejiang Sunmixer Sanitary Ware Co., Ltd.  
(21) 2022200374 (22) 20.01.2022  
(54) FLOW DIVISION WATER OUTLET DEVICE  
(31) 202122328263.3 (32) 25.09.21 (33) CN

(71) Zillow, Inc.  
(21) 2022200297 (22) 18.01.2022  
(54) Automated usability assessment of buildings using visual data of captured in-room images  
(31) 17/185,793 (32) 25.02.21 (33) US

(71) Zillow, Inc.  
(21) 2022200299 (22) 18.01.2022  
(54) Automated direction of capturing in-room information for use in usability assessment of buildings  
(31) 17/185,816 (32) 25.02.21 (33) US

(71) Ziva Connect Pty Ltd  
(21) 2022200415 (22) 21.01.2022  
(54) User verification systems and methods  
(62) 2020286254, 2020286255

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2022200265	Ireland, D.; Majkic, B.	2022200345	The Boeing Company
2022200278	BeiGene, Ltd.	2022200346	Coulter Ventures LLC
2022200279	Shonan Gosei-Jushi Seisakusho K.K.	2022200347	UCB Biopharma SRL; Biogen MA Inc.
2022200280	TAM International, Inc.	2022200348	Smith & Nephew plc
2022200281	ITT Manufacturing Enterprises LLC	2022200349	Bühler AG
2022200282	Beijing Baidu Netcom Science and Technology Co., Ltd.	2022200350	Bühler AG
2022200283	Astellas Pharma Inc.; BioNTech AG	2022200351	Takeda Vaccines, Inc.
2022200284	Hill, C.	2022200352	Melaleuca, Inc.
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2022200287	DAIP Pty. Ltd.	2022200355	Baird Technology Pty Ltd
2022200288	Novartis AG; The Trustees of the University of Pennsylvania	2022200356	LG ELECTRONICS INC.
2022200289	Nicoventures Trading Limited	2022200357	Macernis, A.
2022200290	Siemens Mobility GmbH	2022200358	Louver-Lite Limited
2022200291	Lobsor Pharmaceuticals Aktiebolag	2022200359	LG ELECTRONICS INC.
2022200292	Wing Aviation LLC	2022200360	Becton, Dickinson and Company
2022200293	Insulet Corporation	2022200361	Magic Leap, Inc.
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2022200304	Medtronic Navigation, Inc.	2022200372	Gooden, A.
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2022200306	Oxford University Innovation Limited	2022200374	Zhejiang Sunmixer Sanitary Ware Co., Ltd.
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2022200309	Chr. Hansen A/S	2022200377	Theia Group, Incorporated
2022200310	Menzies, G.W.	2022200378	AG 18, LLC
2022200312	FORTEX WALL SYSTEMS PTY LTD	2022200379	Mallinckrodt Hospital Products IP Limited
2022200313	Acres Technology	2022200380	ConnectWise, Inc.
2022200314	Appux Limited	2022200381	Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.
2022200315	Total Seismic Pty Ltd	2022200382	Holland Products Pty Ltd
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2022200317	SEW-EURODRIVE GmbH & Co. KG	2022200384	Phoenix Product Development Limited
2022200318	United Airlines, Inc.	2022200385	Janssen Sciences Ireland UC
2022200319	Samsung Electronics Co., Ltd.	2022200386	JONES, S.
2022200320	Nohms Technologies, Inc.	2022200387	Terra Quantum AG
2022200321	AMARIN PHARMACEUTICALS IRELAND LIMITED	2022200388	Fox Guard IP Pty Ltd
2022200322	Alarm.com Incorporated	2022200389	Terra Quantum AG
2022200323	ALS Therapy Development Institute	2022200390	Globaltech Corporation Pty Ltd
2022200324	Accenture Global Solutions Limited	2022200391	Ye, M.
2022200325	Snap-on Incorporated	2022200392	AMOURIS, K.
2022200326	Papivax Biotech Inc.	2022200393	TVA Medical, Inc.
2022200327	STEVE LEIGH & ASSOCIATES LTD.	2022200394	Becton, Dickinson and Company
2022200328	Snap-on Incorporated	2022200395	Nextivity, Inc.
2022200329	Well Stone Co.	2022200396	TRANSDEV GROUP INNOVATION
2022200330	Sigma-Aldrich Co. LLC	2022200397	Fisher & Paykel Healthcare Limited
2022200331	Cyclerion Therapeutics, Inc.	2022200398	Qualcomm Incorporated
2022200332	2807302 Ontario Inc	2022200399	FISHER & PAYKEL HEALTHCARE LIMITED
2022200334	Panosian, M.H.; Keeler, J.M.	2022200401	TRANSDEV GROUP INNOVATION
2022200335	Torque Fitness, LLC	2022200403	JC Medical, Inc.
2022200336	HONEYWELL INTERNATIONAL INC.	2022200404	Mack Rides GmbH & Co. KG
2022200337	Ex Electrical Pty Ltd	2022200405	Illinois Tool Works Inc.
2022200338	Aristocrat Technologies Australia Pty Limited	2022200406	SAMSUNG ELECTRONICS CO., LTD.
2022200339	Alchin Long Group IP Pty Limited	2022200407	Hemosonics, LLC
2022200340	Welch Allyn, Inc.	2022200408	Waymo LLC
2022200341	Sangamo Therapeutics, Inc.	2022200409	AiCuris GmbH & Co. KG
2022200342	Fredette, B.	2022200410	Acres Technology
2022200343	Droplet Bag Mine Support Innovations (Pty) Ltd		

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2022200412 Joy Global Underground Mining LLC  
2022200413 Bodd Technologies Pty Ltd  
2022200414 Leadfarm (Australia) Pty Ltd  
2022200415 Ziva Connect Pty Ltd  
2022200416 Hahn-Schickard-Gesellschaft für angewandte  
Forschung e.V.; GS Elektromedizinische Geräte G.  
Stemple GmbH  
2022200417 Beijing Petrosound Geo services Com., Ltd  
2022200418 SOFER, B.  
2022200419 immatics biotechnologies GmbH  
2022200420 Panosian, M.H.; Keeler, J.M.  
2022200421 H & L Pipelines Pty Ltd  
2022200422 Waymo LLC  
2022200423 Suprasensor Technologies, LLC  
2022200424 Stryker Corporation  
2022200425 Elemental Scientific Lasers, LLC  
2022200426 LG Electronics Inc.  
2022200427 Multisteps Pty Ltd  
2022200428 Buffalo Filter LLC  
2022200429 Innovation Fishing Pty Ltd  
2022200430 Senecio Ltd.  
2022200431 SanoTech 360, LLC  
2022200432 Adobe Inc.  
2022200433 Human Intelligy Service Corp.  
2022200434 Colgate-Palmolive Company  
2022200435 Techtronic Cordless GP  
2022200436 Zhejiang Orient Gene Biotech Co., Ltd  
2022200450 Angel Group Co., Ltd.  
2022200584 Mobile Electronics Inc.



**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 25 Jan 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) ARCH DAY DESIGN, LLC  
(21) 2022100011 (22) 27.01.2022  
(54) Instrument to manipulate and pass suture  
(62) PCT/US2020/045998

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(71) Fortescue Metals Group Ltd  
(21) 2022100021 (22) 28.01.2022  
(54) Rail car absorber disassembly apparatus and method  
(62) 2021218083

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(71) Dyno Nobel Inc  
(21) 2022100013 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) HALTER USA INC  
(21) 2022100012 (22) 27.01.2022  
(54) AN ANIMAL COLLAR STABILIZING DEVICE  
(62) PCT/IB2020/057657

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(71) Dyno Nobel Inc  
(21) 2022100014 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
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(71) Lumachain Pty Ltd  
(21) 2022100022 (22) 01.02.2022  
(54) Meat processing tracking, tracing and yield measurement  
(62) PCT/AU2020/050793

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(71) Dyno Nobel Inc  
(21) 2022100015 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) Dyno Nobel Inc  
(21) 2022100016 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) Dyno Nobel Inc  
(21) 2022100017 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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(71) Dyno Nobel Inc  
(21) 2022100018 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
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(71) Dyno Nobel Inc  
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(54) Systems for automated loading of blastholes and methods related thereto  
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(71) Dyno Nobel Inc  
(21) 2022100020 (22) 27.01.2022  
(54) Systems for automated loading of blastholes and methods related thereto  
(62) 2019212935

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<b>2022100011</b>	ARCH DAY DESIGN, LLC	<b>2022100017</b>	Dyno Nobel Inc
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<b>2022100015</b>	Dyno Nobel Inc	<b>2022100021</b>	Fortescue Metals Group Ltd
<b>2022100016</b>	Dyno Nobel Inc	<b>2022100022</b>	Lumachain Pty Ltd

**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:

<b>Code</b>	<b>Meaning</b>
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
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B	Applications on which a direction to request examination has been given
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2011373506 ( 14 )	2011373507 ( 14 )	

**2012**

2012204127 ( 14 )	2012205178 ( 14 )	2012205187 ( 14 )
2012280942 ( 14 )	2012280947 ( 14 )	2012280987 ( 14 )
2012281958 ( 14 )	2012283681 ( 14 )	2012283728 ( 14 )

2012284246 ( 14 ) 2012284267 ( 14 ) 2012284323 ( 14 )  
 2012286516 ( 14 ) 2012377381 ( 14 ) 2012383503 ( 14 )  
 2012384976 ( 14 )

**2013**

2013204915 ( 14 ) 2013204924 ( 14 ) 2013206826 ( 14 )  
 2013245503 ( 14 ) 2013288410 ( 14 ) 2013288601 ( 14 )  
 2013288608 ( 14 ) 2013288684 ( 14 ) 2013289924 ( 14 )  
 2013289939 ( 14 ) 2013289943 ( 14 ) 2013290346 ( 14 )  
 2013292040 ( 14 ) 2013294159 ( 14 ) 2013295166 ( 14 )  
 2013295227 ( 14 ) 2013307602 ( 14 ) 2013393172 ( 14 )

**2014**

2014100046 ( 22 ) 2014100051 ( 22 ) 2014100054 ( 22 )  
 2014100055 ( 22 ) 2014100056 ( 22 ) 2014100058 ( 22 )  
 2014100068 ( 22 ) 2014101583 ( 22 ) 2014101604 ( 22 )  
 2014101656 ( 22 ) 2014202363 ( 14 ) 2014204421 ( 14 )  
 2014204429 ( 14 ) 2014204487 ( 14 ) 2014204489 ( 14 )  
 2014262259 ( 14 ) 2014289162 ( 14 ) 2014289762 ( 14 )  
 2014290149 ( 14 ) 2014290850 ( 14 ) 2014290997 ( 14 )  
 2014291637 ( 14 ) 2014291707 ( 14 ) 2014292171 ( 14 )  
 2014292172 ( 14 ) 2014292228 ( 14 ) 2014293495 ( 14 )  
 2014293508 ( 14 ) 2014294292 ( 14 ) 2014294744 ( 14 )  
 2014294745 ( 14 ) 2014297501 ( 14 ) 2014304815 ( 14 )  
 2014305691 ( 14 ) 2014310051 ( 14 ) 2014401305 ( 14 )

**2015**

2015100976 ( 22 ) 2015200458 ( 14 ) 2015201819 ( 14 )  
 2015202403 ( 14 ) 2015203152 ( 14 ) 2015204341 ( 14 )  
 2015227457 ( 14 ) 2015255281 ( 14 ) 2015285962 ( 14 )  
 2015288973 ( 14 ) 2015289491 ( 14 ) 2015289610 ( 14 )  
 2015291475 ( 14 ) 2015291477 ( 14 ) 2015291478 ( 14 )  
 2015291783 ( 14 ) 2015292238 ( 14 ) 2015294403 ( 14 )  
 2015298318 ( 14 ) 2015309164 ( 14 ) 2015309254 ( 4D )  
 2015314240 ( 5C ) 2015402804 ( 14 )

**2016**

2016100644 ( 22 ) 2016101063 ( 22E ) 2016201069 ( 14 )  
 2016201126 ( 14 ) 2016201332 ( 5C ) 2016202869 ( 5C )  
 2016204851 ( 4C ) 2016204974 ( 4C ) 2016218092 ( 5C )  
 2016222632 ( 5C ) 2016236853 ( 5C ) 2016243192 ( 5C )  
 2016247020 ( 5C ) 2016248063 ( 5C ) 2016250100 ( 5C )  
 2016250102 ( 5C ) 2016250398 ( 14 ) 2016262688 ( 12D )  
 2016265273 ( 5C ) 2016291583 ( 14 ) 2016291719 ( 14 )  
 2016291722 ( 14 ) 2016291882 ( 4C ) 2016292955 ( 4C )  
 2016293068 ( 4C ) 2016293378 ( 4C ) 2016293463 ( 4C )  
 2016294427 ( 14 ) 2016294444 ( 4C ) 2016294450 ( 4C )  
 2016294504 ( 14 ) 2016294526 ( 4C ) 2016294730 ( 4C )  
 2016294859 ( 4C ) 2016294865 ( 4C ) 2016295301 ( 4C )  
 2016297037 ( 14 ) 2016298046 ( 4C ) 2016299195 ( 4C )  
 2016299196 ( 4C ) 2016299197 ( 4C ) 2016299198 ( 4C )  
 2016299199 ( 4C ) 2016299200 ( 4C ) 2016304693 ( 5C )  
 2016306883 ( 14 ) 2016307028 ( 4C ) 2016311670 ( 14 )  
 2016312153 ( 4C ) 2016318175 ( 5C ) 2016322044 ( 5C )  
 2016327857 ( 14 ) 2016331297 ( 5C ) 2016349722 ( 5C )  
 2016352996 ( 5C ) 2016370936 ( 5C ) 2016405864 ( 4C )

**2017**

2017100957 ( 22E ) 2017100966 ( 22E ) 2017200647 ( 14 )  
 2017204807 ( 4A ) 2017204848 ( 4A ) 2017204856 ( 14 )  
 2017204881 ( 4B ) 2017204889 ( 4C ) 2017204901 ( 4C )  
 2017206151 ( 4B ) 2017272578 ( 5C ) 2017274086 ( 5C )  
 2017285788 ( 5C ) 2017294686 ( 14 ) 2017295019 ( 14 )  
 2017295061 ( 14 ) 2017295708 ( 14 ) 2017296189 ( 4C )  
 2017296208 ( 4C ) 2017296886 ( 14 ) 2017297096 ( 14 )  
 2017297378 ( 4C ) 2017297399 ( 14 ) 2017297799 ( 4C )  
 2017299473 ( 14 ) 2017300937 ( 4C ) 2017300985 ( 4C )  
 2017305474 ( 4B ) 2017313687 ( 4B ) 2017315215 ( 4B )  
 2017347549 ( 5C ) 2017362032 ( 12C ) 2017398038 ( 1B )  
 2017399124 ( 1B ) 2017422789 ( 14 ) 2017423068 ( 4C )

**2018**

2018100168 ( 22 ) 2018100169 ( 22 ) 2018100170 ( 22 )

2018100171 ( 22 ) 2018100985 ( 22E ) 2018100988 ( 22E )  
 2018100996 ( 22E ) 2018200658 ( 1B ) 2018200846 ( 1B )  
 2018200890 ( 1B ) 2018200917 ( 1B ) 2018202545 ( 1B )  
 2018211308 ( 14 ) 2018217563 ( 1B ) 2018217645 ( 1B )  
 2018217765 ( 1B ) 2018217906 ( 1B ) 2018218183 ( 1B )  
 2018218187 ( 1B ) 2018218262 ( 1B ) 2018218524 ( 1B )  
 2018218689 ( 1B ) 2018218859 ( 1B ) 2018218866 ( 1B )  
 2018219299 ( 1B ) 2018219311 ( 1B ) 2018219317 ( 1B )  
 2018219346 ( 1B ) 2018219368 ( 1B ) 2018219593 ( 1B )  
 2018219831 ( 1B ) 2018220929 ( 1B ) 2018220943 ( 1B )  
 2018221409 ( 1B ) 2018314185 ( 1B ) 2018315261 ( 5C )  
 2018319556 ( 1B ) 2018326299 ( 5C ) 2018330506 ( 5C )  
 2018332516 ( 5C ) 2018345052 ( 5C ) 2018347778 ( 1B )  
 2018360617 ( 5C ) 2018380883 ( 5C )

**2019**

2019100753 ( 22E ) 2019100759 ( 22E ) 2019100760 ( 22E )  
 2019100768 ( 22E ) 2019100770 ( 22E ) 2019100773 ( 22E )  
 2019100774 ( 22E ) 2019101770 ( 22E ) 2019201497 ( 5C )  
 2019204181 ( 14 ) 2019204367 ( 4C ) 2019206060 ( 14 )  
 2019208328 ( 5C ) 2019211946 ( 5C ) 2019229394 ( 4C )  
 2019257461 ( 4C ) 2019264582 ( 5C ) 2019264670 ( 5C )  
 2019268080 ( 5C ) 2019268151 ( 5C ) 2019271923 ( 5C )  
 2019272007 ( 4C ) 2019283784 ( 4C ) 2019283832 ( 5C )  
 2019283858 ( 5C ) 2019284102 ( 5C ) 2019303425 ( 5C )  
 2019387364 ( 1B )

**2020**

2020100542 ( 22E ) 2020101625 ( 22E ) 2020200067 ( 5C )  
 2020200260 ( 5C ) 2020200352 ( 4C ) 2020200370 ( 5C )  
 2020200411 ( 5C ) 2020200595 ( 5C ) 2020200616 ( 5C )  
 2020200708 ( 4C ) 2020200781 ( 5C ) 2020200845 ( 4C )  
 2020200986 ( 25D ) 2020201374 ( 4C ) 2020201443 ( 4C )  
 2020201452 ( 5C ) 2020201882 ( 5C ) 2020202368 ( 4C )  
 2020202795 ( 5C ) 2020202973 ( 5C ) 2020203696 ( 5C )  
 2020207806 ( 5C ) 2020217336 ( 5C ) 2020217392 ( 4C )  
 2020227105 ( 5C ) 2020233604 ( 4C ) 2020250215 ( 5C )  
 2020256318 ( 4C ) 2020260497 ( 5C ) 2020260570 ( 5C )  
 2020264266 ( 5C ) 2020264282 ( 5C ) 2020264319 ( 5C )  
 2020264387 ( 5C ) 2020277184 ( 5CN )

**2021**

2021101903 ( 16NN ) 2021102560 ( 16NN ) 2021102766 ( 16NN )  
 2021103169 ( 16NN ) 2021103242 ( 16NN ) 2021201149 ( 4C )  
 2021201264 ( 4C ) 2021201399 ( 4C ) 2021257943 ( 1B )  
 2021258028 ( 1B ) 2021900149 ( 12AN ) 2021900505 ( 12AN )  
 2021901441 ( 12AN )

**Assignments before Grant, Section 113**

**2016**

2016240212 HMNC Diagnostics GmbH The application has been assigned to **HMNC Holding GmbH**

2016240213 HMNC Diagnostics GmbH The application has been assigned to **HMNC Holding GmbH**

**2017**

2017279810 Pinnacle Risk Solutions Pty Ltd The application has been assigned to **KBPW Pty Ltd**

2017405734 Dow Global Technologies LLC The application has been assigned to **DDP Specialty Electronic Materials US, LLC**

2017431197 lobed Inc. The application has been assigned to **IOBED INC**

**Assignments before Grant, Section 113**

2017431198 lobed Inc. The application has been assigned to **iOBED INC**

**2018**

2018215820 Playtech Software Limited The application has been assigned to **Playtech Software Limited**

2018217915 Cytec Industrial Materials (Derby) Limited The application has been assigned to **Cytec Engineered Materials Ltd.**

2018222453 aReNA-Bio GbR The application has been assigned to **aReNA Biotech GmbH**

2018233139 De Staat der Nederlanden, vert. Door de Minister van VWS Ministerie van Volksgezondheid Welzijn en Sport The application has been assigned to **Intravacc B.V.**

2018276068 The University of Western Australia The application has been assigned to **Marine Biomedical Pty Ltd**

2018351059 Amgen Inc. The application has been assigned to **Teijin Pharma Limited**

2018379236 De Staat der Nederlanden, vert. door de minister van VWS, Ministerie van Volksgezondheid, Welzijn en Sport The application has been assigned to **Intravacc B.V.**

2018394917 E-Mist Innovations, Inc. The application has been assigned to **SanoTech 360, LLC**

**2019**

2019224735 Grifols Diagnostic Solutions Inc. The application has been assigned to **F. Hoffmann La Roche AG**

2019384164 Western Oncolytics Ltd. The application has been assigned to **KaliVir Immunotherapeutics, Inc.**

**2020**

2020200033 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020200193 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020200636 TRANSDEV GROUP The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020201181 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020201189 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020201675 Anglo American Services (UK) Ltd The application has been assigned to **Anglo American Technical And Sustainability Services Ltd**

**Assignments before Grant, Section 113**

2020201813 Zeus Industrial Products, Inc. The application has been assigned to **Zeus Company Inc.**

2020201838 Anglo American Services (UK) Ltd The application has been assigned to **Anglo American Technical And Sustainability Services Ltd**

2020201914 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020202451 SDEL Infi; Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION; SDEL Infi**

2020202490 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020202637 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020202638 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020202639 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020202715 Transdev Group The application has been assigned to **TRANSDEV GROUP INNOVATION**

2020902230 ADFIXUS PTY LTD The application has been assigned to **IdentityRent Pty Ltd**

2020903656 ADFIXUS PTY LTD The application has been assigned to **IdentityRent Pty Ltd**

**2021**

2021106723 Zodpe, Harshali The application has been assigned to **Dr. Vishwanath Karad MIT World Peace University; Zodpe, Harshali**

2021201293 Anglo American Services (UK) Ltd The application has been assigned to **Anglo American Technical And Sustainability Services Ltd**

2021221449 FISHER & PAYKEL HEALTHCARE LIMITED; Laing, Brent Ian; Klenner, Jason Allan; O'Connor, Mark Thomas; Powell, Kevin Blake The application has been assigned to **FISHER & PAYKEL HEALTHCARE LIMITED**

2021221576 Formica, Michael The application has been assigned to **Wingala IoT Pty Ltd**

2021903372 Fonterra Co-operative Group Limited; Dybing, Stephen; Hill, Jeremy; Williams, Logan The application has been assigned to **Fonterra Co-operative Group Limited**

**Extensions of Time, Section 223**

**Applications Received**

**Extensions of Time, Section 223**

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

**2010**

2010240642 **Clasado Research Services Limited** An application to extend the time from 23 Apr 2021 to 23 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2010257126 **Lockheed Martin Corporation** An application to extend the time from 10 Mar 2021 to 10 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2013**

2013251326 **Scott-Clark, L.P.** An application to extend the time from 29 Apr 2021 to 29 Jan 2022 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2014**

2014225282 **Sotaeria Pty Limited** An application to extend the time from 05 Mar 2020 to 05 Jan 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014273996 **Clean Coal Technologies, Inc.** An application to extend the time from 30 May 2021 to 30 Dec 2021 in which to pay a renewal fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2014364921 **Pride Mobility Products Corporation** An application to extend the time from 16 Dec 2020 to 16 Sep 2021 in which to pay a renewal fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014365851 **Pride Mobility Products Corporation** An application to extend the time from 16 Dec 2020 to 16 Sep 2021 in which to pay a renewal fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

**2015**

2015100259 **Silent Partner Property Pty Ltd** An application to extend the time from 04 Mar 2021 to 04 Feb 2022 in which to pay a renewal fee has been filed . Address for service - Andrew John Mclachlan 1 Dixon Street Malvern VIC 3144 AU

2015269221 **LLT International (Ireland) Ltd.** An application to extend the time from 05 Jun 2021 to 05 Jan 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017204510 **Able High International Ltd** An application to extend the time from 30 Jun 2021 to 30 Jan 2022 in which to pay a continuation fee has been filed . Address for service - Intelpro GPO Box 1339 Brisbane QLD 4001 AU

**Extensions of Time, Section 223**

**2019**

2019239796 **GROUPE INDUSTRIES FOURNIER INC.** An application to extend the time from 22 Oct 2020 to 22 Sep 2021 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019379700 **SHANGHAI ENNOVABIO PHARMACEUTICALS CO., LTD.** An application to extend the time from 13 Jun 2021 to 13 Oct 2021 in which to enter the National Phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

**2020**

2020200761 **Pride Mobility Products Corporation** An application to extend the time from 16 Dec 2020 to 16 Sep 2021 in which to pay a continuation fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2020210241 **Clean Coal Technologies, Inc.** An application to extend the time from 30 May 2021 to 30 Dec 2021 in which to pay a continuation fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020256292 **Collectis** An application to extend the time from 13 Jun 2021 to 13 Jan 2022 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

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

**2013**

2013204064 **Tulli Pty Ltd** The time in which to pay a renewal fee has been extended to 11 Nov 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2014**

2014201803 **Trade Management Systems Pty Ltd** The time in which to pay a renewal fee has been extended to 26 Nov 2021 . Address for service - Trade Management Systems Pty Ltd U 8 25 Ourimbah Rd Tweed Heads NSW 2485 AU

**2016**

2016100425 **Adams, K.W.; Whimpey, D.; Whimpey, N.; Adams, S.** The time in which to pay a renewal fee has been extended to 19 Nov 2021 . Address for service - CEDRIC ROCKER PTY LTD 109 Pacific Bvd Buddina QLD 4575 AU

2016273835 **Ningbo Fujia Industrial Co., Ltd.** The time in which to request examination has been extended to 02 Sep 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2017**

2017213715 **Sonoco Development, Inc.** The time in which to pay a continuation fee has been extended to 30 Sep 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017272185 **HitIQ Limited** The time in which to request examination has been extended to 07 Jan 2022 . Address for service - FORWARD

**Extensions of Time, Section 223**

INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

**2018**

2018100970 **LG Electronics Inc.** The time in which to pay a renewal fee has been extended to 30 Nov 2021 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

**2019**

2019271994 **O'Donnell, J.V.** The time in which to pay the acceptance fee has been extended to 14 Feb 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

**2020**

2020219864 **HITIQ Limited** The time in which to request examination has been extended to 07 Jan 2022 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2020228678 **Doyle, R.** The time in which to request examination has been extended to 07 Jan 2022 . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

2020230889 **ADAPTICA S.R.L.** The time in which to enter the National Phase has been extended to 04 Dec 2021 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2020235646 **SHELTERED WINGS, INC.** The time in which to enter the National Phase has been extended to 13 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020245546 **WILSON, Gregory A.** The time in which to enter the National Phase has been extended to 25 Dec 2021 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2020291242 **MORISHITA JINTAN CO., LTD.** The time in which to enter the National Phase has been extended to 14 Feb 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020298098 **ALMAC DISCOVERY LIMITED** The time in which to enter the National Phase has been extended to 20 Feb 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

**2021**

2021257882 **FALETRA, T.** The time in which to request examination has been extended to 16 Feb 2022 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

**2022**

2022200007 **Prysmian S.p.A.** The time in which to claim the convention priority date has been extended to 23 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

**Amendments**

**Applications for Amendment**

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

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

**2015**

2015207954 Cable breakout assembly **ADC Communications (Australia) Pty Limited** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2015254599 Plant sRNA extract for use as an immunosuppressive agent **Fondazione Edmund Mach** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015417685 Dynamic product use reporting system **Kimberly-Clark Worldwide, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2016**

2016270442 Imide-based modulators of proteolysis and associated methods of use **Arvinas Operations, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Sep 2021 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

**2017**

2017263385 Glyphosate formulations containing amidoalkylamine surfactants **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 21 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2017283653 Porphyrin compounds and compositions useful for treating cancer **OncoSelect Therapeutics, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Dec 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019212586 High dose delivery of inhaled therapeutics **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019307917 Clip applier and cartridge **Teleflex Medical Incorporated** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2022 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

**2020**

2020204240 AI INTEGRATED SYSTEM FOR OPTIMIZING WASTE MANAGEMENT BY SELF-GUIDED ROBOT **HA, C.** The nature of

**Amendments**

the amendment is as shown in the statement(s) filed 20 Jan 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2020250196 **Pharmaceutical compositions comprising meloxicam Axsome Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jan 2022 . Address for service - RnB IP PO Box 9530 Deakin ACT 2600 AU

**Amendments Made**

**2015**

2015247817 **Arvinas Operations, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2021 and 21 October 2021

**2016**

2016210889 **Prothema Biosciences Limited; University Health Network** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2021

2016263309 **Parachur, V.** The nature of the amendment is: Amend the name of the inventor to read Parachur, Vivek Anand; Panda, Sanjiv Kumar and Nirvanashetty, Somashekara

**2017**

2017206102 **GeoVax Inc.** The nature of the amendment is as shown in the statement filed 27 Oct 2021

2017340816 **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement filed 22 Oct 2021

**2018**

2018201290 **Maxtrax Australia Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102234

2018261988 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 15 Oct 2021

2018307762 **3M Innovative Properties Company** The nature of the amendment is as shown in the statement filed 13 Oct 2021

2018364772 **Teleflex Life Sciences Unlimited Company** The nature of the amendment is as shown in the statement filed 02 Nov 2021

2018449531 **Lochterra Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2021

**2019**

2019209832 **Eyenovia, Inc.** The nature of the amendment is as shown in the statement filed 27 Oct 2021

2019250836 **China National Rice Research Institute** The nature of the amendment is: Amend the invention title to read A Method For Using Plant Heterosis

**Amendments**

2019438571 **Komatsu Reman Center Chile S.A.** The nature of the amendment is: Amend the name of the inventor to read ARROYO, Gonzalo and ORELLANA, Alvaro

2019447906 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Heat pump apparatus, air conditioner and refrigerator

**2020**

2020104473 **BISSELL Homecare, Inc.** The nature of the amendment is: Amend Divisional Details to add: 2016101847

2020261207 **Joint Stock Company "BIOCAD"** The nature of the amendment is: Amend the invention title to read Monoclonal antibody that specifically binds to GITR

2020265451 **The University of Sydney** The nature of the amendment is: Amend the name of the inventor to read VARAMINI, Pegah and KHAZENI, Sepideh

2020273383 **Tianda Pharmaceuticals (Zhuhai) Ltd** The nature of the amendment is: Amend the priority details to read 202010581336.7 23 Jun 2020 CN

2020281826 **SMF-Holding GmbH** The nature of the amendment is: Amend the invention title to read Cutting assembly for an agricultural or forestry cutter

2020284629 **Variation Biotechnologies Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Dec 2021

2020298111 **Universitat de València; Universitat Jaume I** The nature of the amendment is: Amend the invention title to read Nickel oxide catalytic film, method for obtaining the same, and uses thereof

2020310223 **Yankuang Lunan Chemicals Co., Ltd.** The nature of the amendment is: Amend the invention title to read PLUGGING DEVICE FOR BLOWHOLE AT CORNER OF TANK BOTTOM JOINT PIPE AND APPLICATION THEREOF

2020311175 **Daikin Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Internal air adjustment device

2020314346 **South China University of Technology** The nature of the amendment is: Amend the invention title to read STARCH-BASED HIGHLY STABLE PICKERING EMULSION AND PREPARATION METHOD THEREOF

2020314971 **ENB Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read Treatment of urothelial and kidney cancers by use of endothelin B receptor antagonists

2020316330 **Finch Therapeutics Holdings LLC.; Millennium Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read SMITH, Mark; VO, Anh-Thu Elaine; SADOVSKY, Rotem; HENSKE, John; GERARDIN, Ylaine; TIMBERLAKE, Sonia; GIALLOURAKIS, Cosmas and TAYLOR, Ewan

2020325285 **Edifice Health, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2022



**Amendments**

2020327602 **Valneva SE** The nature of the amendment is: Amend the name of the inventor to read REINISCH, Christoph; SCHLEGL, Robert and HEINDL-WRUSS, Jürgen

2020337596 **HEM Pharma Inc.** The nature of the amendment is: Amend the invention title to read METHOD FOR SCREENING PERSONALIZED INTESTINAL ENVIRONMENT-IMPROVING MATERIAL AND COMPOSITION THEREFOR

**2021**

2021107640 **BISSELL Inc.** The nature of the amendment is: Amend Divisional Details to add:2016101847

2021257895 **Arvinas Operations, Inc.** The nature of the amendment is: Remove the name of co-inventor Crews, Craig M.

2021273666 **Lusix Ltd** The nature of the amendment is: Amend the divisional priority details to read PCT/IB/2020/055065

2021289110 **LG Energy Solution, Ltd.** The nature of the amendment is: Amend the invention title to read Modular battery pack for ESS

2021290443 **Shanghai, Tiandi Mining Equipment Technology Co., Ltd; Shanghai Branch, Tiandi Science&Technology Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2021107657

2021901692 **The University of Queensland; The University of Newcastle** The nature of the amendment is: To amend the co-applicant to read The University of Queensland

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

**2008**

2008319515 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2008321615 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**2009**

2009224112 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2009258344 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**2010**

2010214147 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2010242175 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2010290201 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**Amendments**

**2011**

2011205873 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011249140 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011255662 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011283282 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011316891 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011316899 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011318676 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011320544 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011349523 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2011357608 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**2012**

2012221176 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2012281153 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2012290129 Alcyone LifeSciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

2012305021 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2012396327 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**2013**

2013215706 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2013263735 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2013266194 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**Amendments**

2013342087 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2013347073 Cork Institute of Technology The name of the patentee has been altered to **Munster Technological University**

2013361601 Alcyone LifeSciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

**2014**

2014201444 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2014212462 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2014213063 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2014225973 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2014256377 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2014281682 Alcyone LifeSciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

2014296183 Alcyone LifeSciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

2014305686 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2014318672 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2014337188 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

**2015**

2015210892 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2015211015 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2015255884 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2015264085 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2015277086 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2015349752 Square, Inc The name of the patentee has been altered to **Block, Inc.**

**Amendments**

2015360786 LanzaTech New Zealand Limited The name of the applicant has been altered to **LanzaTech NZ, Inc.**

**2016**

2016248099 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2016262467 Alcyone Lifesciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

2016288680 Emerson Climate Technologies Retail Solutions, Inc. The name of the applicant has been altered to **Emerson Digital Cold Chain, Inc.**

2016297922 Novel Microdevices, LLC (DBA Novel Devices) The name of the applicant has been altered to **Novel Microdevices, Inc.**

2016339989 LanzaTech New Zealand Limited The name of the applicant has been altered to **LanzaTech NZ, Inc.**

**2017**

2017200202 Alcyone Lifesciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

2017201800 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2017205323 Alcyone Lifescience, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2017214562 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2017214573 LanzaTech New Zealand Limited The name of the patentee has been altered to **LanzaTech NZ, Inc.**

2017222688 LanzaTech New Zealand Limited The name of the applicant has been altered to **LanzaTech NZ, Inc.**

2017245444 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2017279652 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2017301640 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2017302599 Alcyone Lifesciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2017335584 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2017337335 Square, Inc The name of the patentee has been altered to **Block, Inc.**

**Amendments**

2017379070 Alcyone Lifesciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

**2018**

2018201166 Elevare Energy IP Pty Ltd The name of the patentee has been altered to **eleXsys IP Pty Ltd**

2018206687 Alcyone Lifesciences, Inc. The name of the patentee has been altered to **Alcyone Therapeutics, Inc.**

2018209460 Trivium Packaging Group Netherlands B.V. The name of the applicant has been altered to **Envases Oehringen GmbH**

2018213955 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2018370116 Alcyone LifeSciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2018395924 Square, Inc The name of the applicant has been altered to **Block, Inc.**

**2019**

2019201310 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2019209854 NOHBO, LLC The name of the applicant has been altered to **NOHBO, INC.**

2019225992 Alcyone LifeSciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2019241940 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2019252419 Alcyone Lifesciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2019327386 Alcyone LifeSciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2019346848 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2019387004 EVAC GmbH The name of the applicant has been altered to **EVAC GmbH**

2019397998 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2019405995 Square, Inc The name of the applicant has been altered to **Block, Inc.**

**2020**

2020204343 Square, Inc The name of the applicant has been altered to **Block, Inc.**

**Amendments**

2020210294 Square, Inc The name of the patentee has been altered to **Block, Inc.**

2020230303 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2020273278 Alcyone LifeSciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2020273349 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2020286295 Alcyone Lifesciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

**2021**

2021200597 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2021200725 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2021201280 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2021201360 Alcyone Lifesciences, Inc. The name of the applicant has been altered to **Alcyone Therapeutics, Inc.**

2021201796 LanzaTech New Zealand Limited The name of the applicant has been altered to **LanzaTech NZ, Inc.**

2021201835 LanzaTech New Zealand Limited The name of the applicant has been altered to **LanzaTech NZ, Inc.**

2021202106 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2021202683 Square, Inc The name of the applicant has been altered to **Block, Inc.**

2021203008 LanzaTech New Zealand Limited The name of the applicant has been altered to **LanzaTech NZ, Inc.**

2021903813 Innoteck Pty Ltd The name of the applicant has been altered to **Innoteck Pty Ltd**

2021904092 AgResearch The name of the applicant has been altered to **AgResearch Limited**

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- . (\*\*) Title not given

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(71) 3M Innovative Properties Company  
 (11) AU-A-2022200244  
 (21) 2022200244 (22) 14.01.2022  
 (54) Reduced-pressure treatment systems with reservoir control  
 (51) Int. Cl.  
**A61M 1/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019268080  
 (72) PRATT, Benjamin Andrew; LOCKE, Christopher Brian; TOUT, Aidan Marcus  
 (74) Spruson & Ferguson

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(71) AbbVie Deutschland GmbH & Co. KG  
 (11) AU-A-2022200160  
 (21) 2022200160 (22) 12.01.2022  
 (54) RGMa fragment based diagnostic assay  
 (51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2015314240  
 (72) BARGHORN, Stefan; MULLER, Berhard K.; SCHMIDT, Martin; STRIEBINGER, Andreas  
 (74) Spruson & Ferguson

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(71) Acres Technology  
 (11) AU-A-2022200313  
 (21) 2022200313 (22) 18.01.2022  
 (54) Method and Apparatus for Selectively Indicating Win Probability  
 (51) Int. Cl.  
**G07F 17/34** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020200056  
 (72) Acres, John F.  
 (74) Golja Haines & Friend

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(71) ADRENALINE X-TREME ADVENTURES GROUP S.R.L.  
 (11) AU-A-2021205105  
 (21) 2021205105 (22) 16.07.2021  
 (54) CARRIAGE FOR MOVEMENT ON A CABLE AND/OR RAIL  
 (51) Int. Cl.  
**B61B 12/00** ( 2006.01 )  
**B61H 9/02** ( 2006.01 )  
 (31) 10202000017893 (32) 23.07.20 (33) IT  
 (43) 10.02.2022  
 (72) MIANO, Samuel; TREBO, Carlo  
 (74) AJ PARK

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(71) AFI Licensing LLC  
 (11) AU-A-2022200159  
 (21) 2022200159 (22) 12.01.2022  
 (54) Impact resistant wear layer  
 (51) Int. Cl.

**E04F 15/10** ( 2006.01 )  
**B32B 27/06** ( 2006.01 )  
**E04F 15/02** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2016304693  
 (72) BRICKNER, Meredith L.; RAMACHANDRA, Sunil; ANSPACH, Kean M.; ESHBACH, John R.; TIAN, Dong  
 (74) Spruson & Ferguson

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(71) AgeX Therapeutics, Inc.  
 (11) AU-A-2022200207  
 (21) 2022200207 (22) 13.01.2022  
 (54) Compositions and methods for induced tissue regeneration in mammalian species  
 (51) Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 31/715** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019279909  
 (72) WEST, Michael; CHAPMAN, Karen; STERNBERG, Hal  
 (74) FB Rice Pty Ltd

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(71) AMDT Holdings, Inc.  
 (11) AU-A-2021286343  
 (21) 2021286343 (22) 15.12.2021  
 (54) External bone fixation systems  
 (51) Int. Cl.  
**A61B 17/56** ( 2006.01 )  
**A61B 17/58** ( 2006.01 )  
**A61B 17/60** ( 2006.01 )  
**A61B 17/62** ( 2006.01 )  
**A61B 17/64** ( 2006.01 )  
**A61B 17/66** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020200044  
 (72) MULLANEY, Michael  
 (74) Griffith Hack

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(71) AmPro Innovations Pty Ltd  
 (11) AU-A-2021209192  
 (21) 2021209192 (22) 27.07.2021  
 (54) A Processing Machine for an Additive Manufacturing Build Assembly  
 (51) Int. Cl.  
**B25J 21/02** ( 2006.01 )  
**B22F 12/88** ( 2021.01 )  
**B33Y 40/20** ( 2020.01 )  
**B22F 10/28** ( 2021.01 )  
**B22F 10/73** ( 2021.01 )  
**B22F 10/77** ( 2021.01 )  
**B29C 64/153** ( 2017.01 )  
 (31) 2020902629 (32) 27.07.20 (33) AU  
 (43) 10.02.2022  
 (72) FARRER, Peter; WILSON, Benjamin Kyle  
 (74) WRAYS PTY LTD

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(71) Apple Inc.  
 (11) AU-A-2022200212  
 (21) 2022200212 (22) 14.01.2022  
 (54) Touch input cursor manipulation  
 (51) Int. Cl.  
**G06F 3/0488** ( 2022.01 )  
 (43) 10.02.2022  
 (62) 2020267298  
 (72) ALONSO RUIZ, Marcos; LEMAY, Stephen O.; JON, Tiffany S.; KING, Nicholas V.; CHAUDHRI, Imran A.; COFFMAN, Patrick L.; WINER, Morgan H.; JONG, Nicholas K.; FETTES, Alastair K.; FEDERIGHI, Craig M.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2022200239  
 (21) 2022200239 (22) 14.01.2022  
 (54) User interface for loyalty accounts and private label accounts  
 (51) Int. Cl.  
**G06Q 20/20** ( 2012.01 )  
**G06Q 20/32** ( 2012.01 )  
**G06Q 20/36** ( 2012.01 )  
**G06Q 30/02** ( 2012.01 )  
 (43) 10.02.2022  
 (62) 2019271927  
 (72) VAN OS, Marcel; PITSCHER, Donald W.; SUZUKI, Gregg; YANG, Lawrence Y.; ANTON, Peter D.; STEELE, Glen W.; DICKER, George R.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Apple Inc.  
 (11) AU-A-2022200268  
 (21) 2022200268 (22) 17.01.2022  
 (54) Devices and methods for manipulating user interfaces with a stylus  
 (51) Int. Cl.  
**G06F 3/0488** ( 2022.01 )  
**G06F 3/0354** ( 2013.01 )  
 (43) 10.02.2022  
 (62) 2020203817  
 (72) BERNSTEIN, Jeffrey Traer; DONG, Linda L.; HAUENSTEIN, Mark K.; MIS-SIG, Julian  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Appux Limited  
 (11) AU-A-2022200314  
 (21) 2022200314 (22) 18.01.2022  
 (54) Running applications on a computing device  
 (51) Int. Cl.  
**G06F 9/455** ( 2018.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 10.02.2022  
 (62) 2016322044  
 (72) Home, Stephen; Von Oven, Peter; Hemmer, Fabian  
 (74) Adams Pluck

(71) Argenta Innovation Limited  
 (11) AU-A-2022200149  
 (21) 2022200149 (22) 11.01.2022  
 (54) GRANULATED ANTHELMINTIC PREPARATIONS AND DELIVERY SYSTEMS  
 (51) Int. Cl.  
**A61P 33/00** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/425** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2021200921  
 (72) Mukhopadhyay, Debashis; Cleverly, Douglas Robert  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2021206912  
 (21) 2021206912 (22) 23.07.2021  
 (54) SYSTEMS AND METHODS FOR PROVIDING A SECONDARY CURRENCY FOR USE IN AN ELECTRONIC GAMING ENVIRONMENT  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 16/937,748 (32) 24.07.20 (33) US  
 (43) 10.02.2022  
 (72) CHING, Erick; SANBORN, Hanna; USS, Jeffrey; LA GUARDIA, Chad; DECASA Jr., Rogelio; MIZZI, Jennifer; WASIELEWSKI, Peter; MARKS, Daniel; XU, Hua  
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2021209216  
 (21) 2021209216 (22) 27.07.2021  
 (54) RANDOM BASED GAME OUTCOMES FOR GAMES WITHIN A MULTI-GAME PACKAGE  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/45** ( 2014.01 )  
 (31) 16/940,104 (32) 27.07.20 (33) US  
 (43) 10.02.2022  
 (72) DAVIS, Blake; ENGLMAN, Allon  
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited  
 (11) AU-A-2022200134  
 (21) 2022200134 (22) 11.01.2022  
 (54) A GAMING MACHINE  
 (51) Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**A63F 13/50** ( 2014.01 )  
**G07F 17/00** ( 2006.01 )  
**G07F 17/34** ( 2006.01 )

(43) 10.02.2022  
 (62) 2019279996  
 (72) PENACHO, Gary Joseph; TUOMEY, Thomas  
 (74) Griffith Hack

(71) Arla Foods Amba  
 (11) AU-A-2022200202  
 (21) 2022200202 (22) 13.01.2022  
 (54) Process for production of improved nutritional products containing milk protein and milk saccharides, and products obtained by the process  
 (51) Int. Cl.  
**A23L 33/00** ( 2016.01 )  
**A23C 9/142** ( 2006.01 )  
**A23C 9/144** ( 2006.01 )  
**A23C 9/146** ( 2006.01 )  
**A23C 9/15** ( 2006.01 )  
**A23C 9/18** ( 2006.01 )  
**A23L 33/19** ( 2016.01 )  
 (43) 10.02.2022  
 (62) 2017281328  
 (72) HOLST, Hans Henrik; ALBERTSEN, Kristian  
 (74) Spruson & Ferguson

(71) Astellas Institute for Regenerative Medicine  
 (11) AU-A-2022200188  
 (21) 2022200188 (22) 13.01.2022  
 (54) Large scale generation of functional megakaryocytes and platelets from human embryonic stem cells under stromal-free conditions  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019203670  
 (72) Li, Feng; Lu, Shi-Jiang  
 (74) FPA Patent Attorneys Pty Ltd

(71) AstraZeneca AB  
 (11) AU-A-2021202643  
 (21) 2021202643 (22) 01.04.2021  
 (54) Methods of treating chronic kidney disease with dapagliflozin  
 (51) Int. Cl.  
**A61K 31/351** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
 (31) 63/057,139 (32) 27.07.20 (33) US  
 63/070,869 27.08.20 US  
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 (43) 10.02.2022  
 (72) LANGKILDE, Anna Maria  
 (74) Phillips Ormonde Fitzpatrick

(71) Atlanta Stretch S.p.A.  
 (11) AU-A-2021204452  
 (21) 2021204452 (22) 29.06.2021

(54) EQUIPMENT AND METHOD FOR AUTOMATICALLY WRAPPING A FILM AROUND AN OBJECT  
 (51) Int. Cl.  
**B65H 20/14** ( 2006.01 )  
**B65B 11/02** ( 2006.01 )  
**B65B 11/04** ( 2006.01 )  
**B65H 16/00** ( 2006.01 )  
**B65H 37/02** ( 2006.01 )  
**B65H 37/04** ( 2006.01 )  
 (31) 102020000017749 (32) 22.07.20 (33) IT  
 (43) 10.02.2022  
 (72) Bruni, Valeriano; Forni, Angelo; Paci, Gianluca  
 (74) Lord & Company

(71) Avent, Inc.  
 (11) AU-A-2022200228  
 (21) 2022200228 (22) 14.01.2022  
 (54) Patient outcome tracking platform  
 (51) Int. Cl.  
**G16H 15/00** ( 2018.01 )  
 (43) 10.02.2022  
 (62) 2016352996  
 (72) JOHNSON, Dustin; COMTOIS, Marc; AMIN, Kunal M.; HSU, Kenneth C.; MADSEN, Arne Jorgen; PHAM, Bao-Tram N.  
 (74) Spruson & Ferguson

(71) Axial Therapeutics, Inc.  
 (11) AU-A-2022200220  
 (21) 2022200220 (22) 14.01.2022  
 (54) Gut-selective sequestering agents for the treatment and prevention of autism and related disorders  
 (51) Int. Cl.  
**A61K 33/44** ( 2006.01 )  
**A23L 33/29** ( 2016.01 )  
**A61P 25/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2021206871  
 (72) Campbell, Anthony Stewart; Donabedian, David H.  
 (74) Davies Collison Cave Pty Ltd

**AZTherapies, Inc. see The General Hospital Corporation**  
 (21) 2022200260

(71) B.BOX FOR KIDS DEVELOPMENTS PTY LTD  
 (11) AU-A-2020207877  
 (21) 2020207877 (22) 24.07.2020  
 (54) A DISPENSABLE FOOD CONTAINER  
 (51) Int. Cl.  
**B65D 1/32** ( 2006.01 )  
**A61J 9/00** ( 2006.01 )  
**A61J 9/08** ( 2006.01 )  
**B65D 41/58** ( 2006.01 )  
**B65D 43/16** ( 2006.01 )  
**B65D 47/08** ( 2006.01 )  
**B65D 47/14** ( 2006.01 )  
**B65D 55/16** ( 2006.01 )  
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 (72) Tjernberg, Lisa Edlund; Amatoury, Sylvain Jacques; Zhen Jun Toh, Victor  
 (74) Phillips Ormonde Fitzpatrick

(71) Baek, J.Y.  
 (11) AU-A-2022200209  
 (21) 2022200209 (22) 13.01.2022  
 (54) Electric exercise assistance device  
 (51) Int. Cl.  
**A63B 21/072** ( 2006.01 )  
**A63B 21/005** ( 2006.01 )  
**A63B 21/078** ( 2006.01 )  
**A63B 24/00** ( 2006.01 )

(43) 10.02.2022  
 (62) 2016338192  
 (72) BAEK, Jun Young; NOH, Chi Beom; YOON, Sung Min  
 (74) Spruson & Ferguson

(71) Balamurugan, M.  
 (11) AU-A-2021200476  
 (21) 2021200476 (22) 26.01.2021  
 (54) AN APPARATUS FOR PERFORMING ARITHMETIC OPERATIONS  
 (51) Int. Cl.  
**G09B 19/02** ( 2006.01 )  
 (31) 202041031100 (32) 21.07.20 (33) IN  
 (43) 10.02.2022  
 (72) Gnanasekaran, Balamurugan  
 (74) Mann IP

(71) BASF SE  
 (11) AU-A-2022200285  
 (21) 2022200285 (22) 17.01.2022  
 (54) Antifungal Paenibacillus strains, fusaricidin-type compounds, and their use  
 (51) Int. Cl.  
**C12N 1/20** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2015299053  
 (72) Siepe, Isabella; Bruser, Heike; Klap-pach, Kristin; Schneider, Karl-Heinrich; Sprote, Petra; Hage, Kerstin; Blanz, Birgit; Thines, Eckhard; Antelo, Luis; Sandjo, Louis Pergaud; Opatz, Till  
 (74) Griffith Hack

(71) Battelle Memorial Institute  
 (11) AU-A-2022200235  
 (21) 2022200235 (22) 14.01.2022  
 (54) MULTISTAGE OSMOTICALLY ASSISTED REVERSE OSMOSIS SYSTEM AND METHOD  
 (51) Int. Cl.  
**B01D 61/02** ( 2006.01 )  
**B01D 61/06** ( 2006.01 )  
**B01D 61/08** ( 2006.01 )  
**B01D 61/58** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020227111  
 (72) BLOHM, Kurt; PETERSON, Richard; LANE, Ann E.; WINECKI, Slawomir; ARGUMEDO, Darwin  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Bayer HealthCare LLC  
 (11) AU-A-2022200180  
 (21) 2022200180 (22) 13.01.2022  
 (54) Syringe fill adapter  
 (51) Int. Cl.  
**A61J 1/20** ( 2006.01 )

(43) 10.02.2022  
 (62) 2016359673  
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 (74) Davies Collison Cave Pty Ltd

(71) BD Kiestra B.V.  
 (11) AU-A-2022200171  
 (21) 2022200171 (22) 12.01.2022  
 (54) Colony contrast gathering  
 (51) Int. Cl.  
**G01N 33/483** ( 2006.01 )  
**G06K 9/00** ( 2022.01 )  
**G06T 7/00** ( 2017.01 )

(43) 10.02.2022  
 (62) 2016250791  
 (72) WILES, Timothy M.; MARCELPOIL, Raphael Rodolphe  
 (74) FB Rice Pty Ltd

(71) BeiGene, Ltd.  
 (11) AU-A-2022200278  
 (21) 2022200278 (22) 17.01.2022  
 (54) CRYSTALLINE FORM OF (S)-7-(1-ACRYLOYLPYPERIDIN-4-YL)-2-(4-PHENOXYPHENYL)-4,5,6,7-TETRA-HYDROPYRAZOLO[1,5-A]PYRIMIDINE-3-CARBOXAMIDE, PREPARATION, AND USES THEREOF  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )

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 (74) FB Rice Pty Ltd

(71) Bennet, S.  
 (11) AU-A-2021201913  
 (21) 2021201913 (22) 26.03.2021  
 (54) PAYLOAD DELIVERY SYSTEM  
 (51) Int. Cl.  
**B64C 39/02** ( 2006.01 )  
**B64C 1/22** ( 2006.01 )  
**G08B 3/00** ( 2006.01 )  
 (31) 2020902558 (32) 23.07.20 (33) AU  
 (43) 10.02.2022  
 (72) Bennet, Samuel James  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Beyond Architectural Pty Ltd  
 (11) AU-A-2022200231  
 (21) 2022200231 (22) 14.01.2022  
 (54) Frameless Glass Fencing Component

(51) Int. Cl.  
**E04H 17/16** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020201452  
 (72) Budai, Adam; Wilson, Neil Robert  
 (74) MEYER WEST IP PTY LTD

(71) Beyond Architectural Pty Ltd  
 (11) AU-A-2022200264  
 (21) 2022200264 (22) 17.01.2022  
 (54) Frameless Glass Fencing Component  
 (51) Int. Cl.  
**E04H 17/16** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020202943  
 (72) Budai, Adam; Wilson, Neil Robert  
 (74) MEYER WEST IP PTY LTD

(71) Biogen MA Inc.  
 (11) AU-A-2022200155  
 (21) 2022200155 (22) 12.01.2022  
 (54) Dimethyl fumarate particles and pharmaceutical compositions thereof  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 31/22** ( 2006.01 )  
**A61K 31/225** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

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 (62) 2016279997  
 (72) Boulas, Pierre; Irdam, Erwin; Karki, Shyam B.; Kiesman, William F.; Leung, Cheuk-Yui; Lin, Yiqing; Trementozzi, Andrea; Zawaneh, Peter  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**Biomed Valley Discoveries, Inc. see The United States of America, as represented by The Secretary, Department of Health and Human Services**  
 (21) 2022200117

**Brown, G. see Brown, L.**  
 (21) 2022200084

(71) Brown, L.; Brown, G.  
 (11) AU-A-2022200084  
 (21) 2022200084 (22) 07.01.2022  
 (54) APPARATUSES, SYSTEMS, AND METHODS FOR EXTRACTION AND/OR STORAGE OF ENERGY FROM MOVING FLUIDS  
 (51) Int. Cl.  
**F03B 13/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019246939  
 (72) Brown, Lawrence G.; Brown, Gregory A.M.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2022200116

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(71) CAE USA Inc.  
(11) AU-A-2022200139  
(21) 2022200139 (22) 11.01.2022  
(54) Adaptive training system, method and apparatus  
(51) Int. Cl.  
*G09B 19/00* ( 2006.01 )  
(43) 10.02.2022  
(62) 2019272048  
(72) FALASH, Mark; POLLAK, Eytan; BARNOSKE, Michael; ROVNY, George; STEWART, Coy Clifton; DUCHARME, Robert J.  
(74) FPA Patent Attorneys Pty Ltd

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(71) Cao, Y.  
(11) AU-A-2021206883  
(21) 2021206883 (22) 22.07.2021  
(54) An apparatus for cleaning a gutter  
(51) Int. Cl.  
*E04D 13/076* ( 2006.01 )  
*B05B 3/02* ( 2006.01 )  
*B05B 13/04* ( 2006.01 )  
*B05B 15/628* ( 2018.01 )  
*B05B 9/01* ( 2006.01 )  
(31) 2020902573 (32) 23.07.20 (33) AU  
(43) 10.02.2022  
(72) Cao, Yuhai  
(74) Northern Lights IP

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(71) Cardinal Commerce Corporation  
(11) AU-A-2022200190  
(21) 2022200190 (22) 13.01.2022  
(54) System and method for tokenization  
(51) Int. Cl.  
*G06Q 20/02* ( 2012.01 )  
*G06Q 20/38* ( 2012.01 )  
(43) 10.02.2022  
(62) 2016295391  
(72) KERESMAN III, Michael A.; SHERWIN, Francis M.; BALASUBRAMANIAN, Chandra; BENDER, Gary; KATZIN, Ed; CARLSON, Mark  
(74) FB Rice Pty Ltd

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(11) AU-A-2022200253  
(21) 2022200253 (22) 14.01.2022  
(54) Gluten-free compositions  
(51) Int. Cl.  
*A23L 7/161* ( 2016.01 )  
*A21D 13/043* ( 2017.01 )  
*A21D 13/047* ( 2017.01 )  
*A21D 13/066* ( 2017.01 )  
*A23L 7/191* ( 2016.01 )  
*A23L 19/10* ( 2016.01 )  
*A23L 19/12* ( 2016.01 )  
*A23P 30/30* ( 2016.01 )  
(43) 10.02.2022  
(62) 2017274086  
(72) Carlesso, Sharyn  
(74) Dark IP

(71) Caterpillar Inc.  
(11) AU-A-2021205067  
(21) 2021205067 (22) 15.07.2021  
(54) RETROFIT REMOTE CONTROL SYSTEM FOR A MACHINE  
(51) Int. Cl.  
*G08C 17/02* ( 2006.01 )  
*G05B 19/04* ( 2006.01 )  
*G05B 19/05* ( 2006.01 )  
*H04L 12/40* ( 2006.01 )  
*H04Q 9/02* ( 2006.01 )  
(31) 202011031868 (32) 24.07.20 (33) IN  
(43) 10.02.2022  
(72) KANDULA, Suneel Venkata; VARGHESE, Ashish Abraham; GUNDLAPALLI, Sai Praveen; NELSON, Anthony; PILGRIM, Martin V.  
(74) FPA Patent Attorneys Pty Ltd

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(71) Caterpillar Underground Mining Pty. Ltd.  
(11) AU-A-2021204742  
(21) 2021204742 (22) 07.07.2021  
(54) INTERNAL SUPPORT STRUCTURE FOR UNDERGROUND BATTERY MACHINES  
(51) Int. Cl.  
*E02F 9/08* ( 2006.01 )  
*B60K 1/04* ( 2019.01 )  
(31) 16/936,075 (32) 22.07.20 (33) US  
(43) 10.02.2022  
(72) SPRINGER, Steven D.  
(74) FPA Patent Attorneys Pty Ltd

**Cavalcanti, S.C. see Duvoisin, C.A.**  
(21) 2020423757

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(71) Cepheid  
(11) AU-A-2022200255  
(21) 2022200255 (22) 16.01.2022  
(54) Molecular diagnostic assay system  
(51) Int. Cl.  
*G01N 35/00* ( 2006.01 )  
*G01N 35/10* ( 2006.01 )  
*B01L 3/00* ( 2006.01 )  
*G01N 33/487* ( 2006.01 )  
(43) 10.02.2022  
(62) 2016297866  
(72) DORITY, Doug; PHAN, Tien; FROMM, David; CASLER, Rick; DICKENS, Dustin; MORITA, Stuart; PICCINI, Matthew  
(74) Spruson & Ferguson

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(11) AU-A-2022200062  
(21) 2022200062 (22) 06.01.2022  
(54) SYSTEM AND METHOD FOR MAPPING RESULTS FROM SPORTING EVENTS TO GAME INPUTS  
(51) Int. Cl.  
*G07F 17/32* ( 2006.01 )  
*A63F 13/00* ( 2014.01 )  
*G05B 11/01* ( 2006.01 )

(43) 10.02.2022  
(62) 2020200153  
(72) Asher, Joseph M.; Lutnick, Howard W.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2022200258  
(21) 2022200258 (22) 17.01.2022  
(54) SYSTEM FOR PROVIDING BETS REGARDING INTERMEDIATE POINTS IN A RACE EVENT USING FRACTIONAL TIMING  
(51) Int. Cl.  
*A63F 9/24* ( 2006.01 )  
(43) 10.02.2022  
(62) 2019268094  
(72) Amaitis, Lee M.; Asher, Joseph M.; Miller, Kenneth L.; Rotondo, Peter C.  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2020458210  
(21) 2020458210 (22) 30.10.2020  
(54) Control method and main control system for a voltage-source wind turbine, electronic device, and storage medium  
(51) Int. Cl.  
*H02P 9/00* ( 2006.01 )  
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(43) 10.02.2022  
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(74) Spruson & Ferguson

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(11) AU-A-2022200309  
(21) 2022200309 (22) 18.01.2022  
(54) Variants of chymosin with improved milk-clotting properties  
(51) Int. Cl.  
*A23C 19/04* ( 2006.01 )  
*C12N 9/64* ( 2006.01 )  
(43) 10.02.2022  
(62) 2017267273  
(72) JAECKEL, Christian; LUND, Martin; VAN DEN BRINK, Johannes Maarten  
(74) Spruson & Ferguson

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**ClarVista Medical, Inc. see The Regents of the University of Colorado, a body corporate**  
(21) 2022200200

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(71) Cornell University  
(11) AU-A-2022200229  
(21) 2022200229 (22) 14.01.2022  
(54) METHOD FOR IDENTIFICATION AND QUANTIFICATION OF NUCLEIC ACID EXPRESSION, SPLICE VARIANT,

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- TRANSLOCATION, COPY NUMBER,  
OR METHYLATION CHANGES
- (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )
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(62) 2015330844  
(72) Barany, Francis; Efcavitch, John William; Ruiz Rueda, Cristian; Huang, Jianmin; Feinberg, Philip B.  
(74) Phillips Ormonde Fitzpatrick
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- (71) Covidien LP  
(11) AU-A-2021203936  
(21) 2021203936 (22) 15.06.2021  
(54) Cartridge alignment mechanism for use with surgical devices  
(51) Int. Cl.  
**A61B 17/068** ( 2006.01 )  
(31) 17/329,694 (32) 25.05.21 (33) US  
63/054,438 21.07.20 US  
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(74) Spruson & Ferguson
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(11) AU-A-2022200163  
(21) 2022200163 (22) 12.01.2022  
(54) Control elements for materials handling vehicles  
(51) Int. Cl.  
**B66F 9/075** ( 2006.01 )  
**B62D 33/06** ( 2006.01 )  
**B66F 9/20** ( 2006.01 )  
(43) 10.02.2022  
(62) 2017213884  
(72) REKOW, Craig J.; MAGEE, Paul D.; GALLAGHER, Michael P.; QUINLAN, Roger J.  
(74) Griffith Hack
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- (71) DAIP Pty. Ltd.  
(11) AU-A-2022200287  
(21) 2022200287 (22) 17.01.2022  
(54) ROLLER COVER FOR TRAYBACK VEHICLE  
(51) Int. Cl.  
**B60P 7/04** ( 2006.01 )  
(43) 10.02.2022  
(62) 2019283810  
(72) AIMAQ, Masood; DOST, Omer  
(74) mdp Patent and Trade Mark Attorneys
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- (71) Dana-Farber Cancer Institute, Inc.  
(11) AU-A-2022200257  
(21) 2022200257 (22) 17.01.2022  
(54) Chimeric antigen receptors and methods of use thereof  
(51) Int. Cl.  
**C07K 14/705** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 14/735** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )
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- (43) 10.02.2022  
(62) 2020204373  
(72) MARASCO, Wayne A.  
(74) Spruson & Ferguson
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- (71) Dart Industries Inc.  
(11) AU-A-2021204228  
(21) 2021204228 (22) 23.06.2021  
(54) PORTIONING DEVICE WITH INTER-CHANGEABLE SCOOPS  
(51) Int. Cl.  
**A47J 43/28** ( 2006.01 )  
**A23G 9/28** ( 2006.01 )  
(31) 16/938,314 (32) 24.07.20 (33) US  
(43) 10.02.2022  
(72) Eikelenberg, Ralph F.E.; Keymeulen, Antoon; Daelman, Katelijne; Cornu, Judicaël  
(74) Phillips Ormonde Fitzpatrick
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- (71) Deere & Company  
(11) AU-A-2021204131  
(21) 2021204131 (22) 21.06.2021  
(54) Mobile machine control system  
(51) Int. Cl.  
**G05B 19/19** ( 2006.01 )  
**E02F 3/43** ( 2006.01 )  
**E02F 9/20** ( 2006.01 )  
**G05G 9/047** ( 2006.01 )  
(31) 16/935,501 (32) 22.07.20 (33) US  
(43) 10.02.2022  
(72) Kean, Michael G.; Velde, Todd F.  
(74) Davies Collison Cave Pty Ltd
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- (71) Derrick Corporation  
(11) AU-A-2022200151  
(21) 2022200151 (22) 12.01.2022  
(54) METHOD AND APPARATUSES FOR SCREENING  
(51) Int. Cl.  
**B07B 1/46** ( 2006.01 )  
**B01D 33/03** ( 2006.01 )  
(43) 10.02.2022  
(62) 2018281297  
(72) Colgrove, James R.; Smith, Clifford C.  
(74) Phillips Ormonde Fitzpatrick
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- (71) Derrick Corporation  
(11) AU-A-2022200153  
(21) 2022200153 (22) 12.01.2022  
(54) METHOD AND APPARATUSES FOR SCREENING  
(51) Int. Cl.  
**B07B 1/46** ( 2006.01 )  
**B01D 33/03** ( 2006.01 )  
(43) 10.02.2022  
(62) 2018281297  
(72) Colgrove, James R.; Smith, Clifford C.  
(74) Phillips Ormonde Fitzpatrick
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- (71) Derwent Industries Pty Ltd  
(11) AU-A-2021206893  
(21) 2021206893 (22) 23.07.2021  
(54) WATER MAIN CONNECTOR  
(51) Int. Cl.  
**F16L 41/02** ( 2006.01 )
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- F16L 23/04** ( 2006.01 )  
**F16L 41/08** ( 2006.01 )  
**F16L 58/18** ( 2006.01 )  
**F16L 58/02** ( 2006.01 )  
(31) 2020902568 (32) 23.07.20 (33) AU  
(43) 10.02.2022  
(72) Evans, Craig Douglas; Evans, Evan Douglas  
(74) Phillips Ormonde Fitzpatrick
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- (71) Dexcom, Inc.  
(11) AU-A-2022200137  
(21) 2022200137 (22) 11.01.2022  
(54) Data backfilling for continuous glucose monitoring  
(51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**G06F 21/62** ( 2013.01 )  
**G16H 15/00** ( 2018.01 )  
(43) 10.02.2022  
(62) 2020201259  
(72) REIHMAN, Eli; BOHM, Sebastian; BOWMAN, Leif N.; KOHLER, Katherine Yerre; SHETH, Disha B.; SIMPSON, Peter C.; AMIDEI, Jim Stephen; BURNETTE, Douglas William; MENSINGER, Michael Robert; COHEN, Eric; HAMPAPURAM, Hari; MAYOU, Phil  
(74) FB Rice Pty Ltd
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- (71) Donmark Holdings Inc.  
(11) AU-A-2020220198  
(21) 2020220198 (22) 21.08.2020  
(54) Frame Assembly for Collapsible Aerial Fire Fighting Buckets and Collapsible Aerial Fire Fighting Buckets Having Same  
(51) Int. Cl.  
**B64D 1/16** ( 2006.01 )  
**A62C 3/02** ( 2006.01 )  
**A62C 8/02** ( 2006.01 )  
(31) 3087916 (32) 24.07.20 (33) CA  
(43) 10.02.2022  
(72) Arney, Donald Brian; Kwong, Eddie Chi-Kong; Toeckes, Mark Dwayne  
(74) AJ Pietras IP Limited
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- Duvoisin, C.V. see Duvoisin, C.A.**  
(21) 2020423757
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- (71) Duvoisin, C.A.; Cavalcanti, S.C.; Scherer, P.J.; Garbe, E.A.; Duvoisin, C.V.  
(11) AU-A-2020423757  
(21) 2020423757 (22) 22.07.2020  
(54) System and method for obtaining a cosmic, nuclear and electromagnetic radiation blocking compound, a cosmic, nuclear and electromagnetic radiation blocking compound and use of said compound  
(51) Int. Cl.  
**G21F 1/00** ( 2006.01 )  
(43) 10.02.2022  
(72) DUVOISIN, Charles Adriano; CAVALCANTI, Sergio Cabral; SCHERER,



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Paulino José; GARBE, Ernesto Augusto; DUVOISIN, Cassio Vitor  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Dynamics Inc.  
**(11)** AU-A-2022200127  
**(21)** 2022200127 **(22)** 11.01.2022  
**(54)** Cards, devices, systems and methods for advanced payment functionality selection  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**(43)** 10.02.2022  
**(62)** 2019268113  
**(72)** Mullen, Jeffrey D.  
**(74)** FPA Patent Attorneys Pty Ltd

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**East China Electric Power Test Research Institute Co., Ltd. see Shandong University**  
**(21)** 2020327344

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**(71)** E Ink California, LLC  
**(11)** AU-A-2022200251  
**(21)** 2022200251 **(22)** 14.01.2022  
**(54)** METHOD AND APPARATUS FOR RENDERING COLOR IMAGES  
**(51)** Int. Cl.  
**G09G 3/20** ( 2006.01 )  
**G09G 3/38** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020227089  
**(72)** Buckley, Edward; Crouse, Kenneth R.; Telfer, Stephen J.; Sainis, Sunil Krishna  
**(74)** RnB IP Pty Ltd

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**(71)** ERIS TECHNOLOGY PTY LTD  
**(11)** AU-A-2022200191  
**(21)** 2022200191 **(22)** 13.01.2022  
**(54)** PAYMENT METHOD AND SYSTEM  
**(51)** Int. Cl.  
**G06Q 20/00** ( 2012.01 )  
**(43)** 10.02.2022  
**(62)** 2020201360  
**(72)** BLOOMFIELD, Peter; SORVAAG, Mathew; WYCHERLEY, Giles; COOPERWAITE, Martin  
**(74)** Churchill Attorneys

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**(71)** Ethicon, Inc.  
**(11)** AU-A-2022200256  
**(21)** 2022200256 **(22)** 16.01.2022  
**(54)** Self-contained biological indicator  
**(51)** Int. Cl.  
**A61L 2/28** ( 2006.01 )  
**C12Q 1/22** ( 2006.01 )  
**G01N 31/22** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2017201194  
**(72)** AMIN, Behnam  
**(74)** Spruson & Ferguson

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**(71)** FISHER & PAYKEL HEALTHCARE LIMITED  
**(11)** AU-A-2022200259  
**(21)** 2022200259 **(22)** 17.01.2022

**(54)** HEADGEAR ASSEMBLY FOR BREATHING INTERFACE  
**(51)** Int. Cl.  
**A61M 16/06** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2019232901  
**(72)** WALLS, Bruce Michael; FAITHFULL, Rex Gordon; HUANG, Wen Dong; GARDIOLA, Arvin San Jose; YOUNG, Jeremy Owen  
**(74)** AJ PARK

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**FORMAN, S. see PRICEMAN, S.**  
**(21)** 2022200116

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**(71)** Fusion Pharmaceuticals Inc.  
**(11)** AU-A-2022200196  
**(21)** 2022200196 **(22)** 13.01.2022  
**(54)** Methods, compositions, and kits for treatment of cancer  
**(51)** Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C12P 21/00** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2016219917  
**(72)** HOLASH, Jocelyn; LAU, Stephen  
**(74)** Griffith Hack

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**(71)** Fuzhou Autran Industrial Co., Ltd.  
**(11)** AU-A-2022200252  
**(21)** 2022200252 **(22)** 14.01.2022  
**(54)** DAMPING HINGE  
**(51)** Int. Cl.  
**E05D 11/10** ( 2006.01 )  
**E05D 3/02** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2021201367  
**(72)** Xue, Liang; CHEN, Fan  
**(74)** WRAYS PTY LTD

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**(71)** GABRIEL, K.  
**(11)** AU-A-2022200140  
**(21)** 2022200140 **(22)** 11.01.2022  
**(54)** METHOD AND SYSTEM FOR REMOVING RADIOACTIVE NUCLIDES FROM WATER  
**(51)** Int. Cl.  
**G21F 9/06** ( 2006.01 )  
**C02F 1/28** ( 2006.01 )  
**G21F 9/12** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020226992  
**(72)** GABRIEL, Kay Gunther; KASCHEK, Martin; SHOAR, Behnaz; POTH, Heiko  
**(74)** Patent Attorney Services

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**Garbe, E.A. see Duvoisin, C.A.**  
**(21)** 2020423757

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**(71)** General Oncology, Inc.  
**(11)** AU-A-2022200131  
**(21)** 2022200131 **(22)** 11.01.2022

**(54)** COMBINATION FOR THE EFFECTIVE TREATMENT OF METASTATIC CANCER IN PATIENTS  
**(51)** Int. Cl.  
**A61K 45/06** ( 2006.01 )  
**A61K 31/045** ( 2006.01 )  
**A61K 31/17** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/375** ( 2006.01 )  
**A61K 31/714** ( 2006.01 )  
**A61K 35/00** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2016367112  
**(72)** Glazier, Arnold  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Genomatica, Inc.  
**(11)** AU-A-2022200123  
**(21)** 2022200123 **(22)** 11.01.2022  
**(54)** Enzyme variants with improved ester synthase properties  
**(51)** Int. Cl.  
**C12N 9/10** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 9/18** ( 2006.01 )  
**C12P 7/64** ( 2022.01 )  
**(43)** 10.02.2022  
**(62)** 2019202572  
**(72)** SHUMAKER, Andrew; DA COSTA, Bernardo M.; HOLDEN, Kevin; HOM, Louis G.; BARON, Tarah S.; HELMAN, Noah  
**(74)** Spruson & Ferguson

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**(71)** Ginkgo Bioworks, Inc.  
**(11)** AU-A-2022200122  
**(21)** 2022200122 **(22)** 11.01.2022  
**(54)** Diacylglycerol acyl transferase (DGA1) polynucleotides, and methods of increasing yeast cell lipid production by overexpression of heterologous DGA1  
**(51)** Int. Cl.  
**C12N 9/60** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2015218647  
**(72)** BREVNOVA, Elena E.; SHAW, Arthur J.; GREENHAGEN, Emily H.  
**(74)** Spruson & Ferguson

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**(71)** Google LLC  
**(11)** AU-A-2022200224  
**(21)** 2022200224 **(22)** 14.01.2022  
**(54)** CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR QUANTUM ANNEALING PROCESSES  
**(51)** Int. Cl.  
**H03K 19/195** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020281055  
**(72)** Mohseni, Masoud; Neven, Hartmut  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2021206841  
 (21) 2021206841 (22) 21.07.2021  
 (54) A ladder system  
 (51) Int. Cl.  
*E06C 7/16* ( 2006.01 )  
*E06C 1/393* ( 2006.01 )  
*E06C 7/12* ( 2006.01 )  
*E06C 9/08* ( 2006.01 )  
 (31) 2020902520 (32) 21.07.20 (33) AU  
 (43) 10.02.2022  
 (72) Rundle, Gavin  
 (74) Davies Collison Cave Pty Ltd

(71) Hayward Industries, Inc.  
 (11) AU-A-2022200295  
 (21) 2022200295 (22) 18.01.2022  
 (54) Swimming pool cleaner  
 (51) Int. Cl.  
*E04H 4/16* ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020200411  
 (72) RIEF, Dieter J.; SCHLITZER, Hans  
 Rainer  
 (74) Davies Collison Cave Pty Ltd

(71) Hayward Industries, Inc.  
 (11) AU-A-2022200316  
 (21) 2022200316 (22) 18.01.2022  
 (54) Modular pool/spa control system  
 (51) Int. Cl.  
*G06F 13/00* ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020200758  
 (72) POTUCEK, Kevin; FOURNIER,  
 Gregory; MURDOCK, James; HEON,  
 Robert; BLAINE, David; HORROCKS,  
 Craig; WHITE Jr., Kenneth; DYMOV,  
 Murat; NILSSON, Michael; BELIVEAU,  
 Thomas-Eric; XU, Deyin; MAINVILLE,  
 Patrick; HUANG, Qiwei; RIVERA, Lin-  
 nette  
 (74) Davies Collison Cave Pty Ltd

(71) Hill, C.  
 (11) AU-A-2022200284  
 (21) 2022200284 (22) 17.01.2022  
 (54) Connector Device  
 (51) Int. Cl.  
*A61M 16/00* ( 2006.01 )  
*A61M 16/04* ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019271923  
 (72) Hill, Christopher  
 (74) Griffith Hack

(71) Hunt Perovskite Technologies, L.L.C.  
 (11) AU-A-2022200195  
 (21) 2022200195 (22) 13.01.2022  
 (54) PEROVSKITE AND OTHER SOLAR  
 CELL MATERIALS  
 (51) Int. Cl.  
*H01L 31/0256* ( 2006.01 )  
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 (72) Irwin, Michael D.; Chute, Jerred A.  
 (74) Pizzeyes Patent and Trade Mark Attor-  
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(71) Illinois Tool Works Inc.  
 (11) AU-A-2022200221  
 (21) 2022200221 (22) 14.01.2022  
 (54) Merchandising display tray  
 (51) Int. Cl.  
*A47F 1/12* ( 2006.01 )  
*A47F 3/14* ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2016331297  
 (72) Resanovic, Melisa; Wheatley, Jason  
 (74) Davies Collison Cave Pty Ltd

(71) Illumina, Inc.  
 (11) AU-A-2022200179  
 (21) 2022200179 (22) 12.01.2022  
 (54) Error Suppression In Sequenced DNA  
 Fragments Using Redundant Reads  
 With Unique Molecular Indices (UMIs)  
 (51) Int. Cl.

*C12Q 1/68* ( 2018.01 )  
 (43) 10.02.2022  
 (62) 2019250200  
 (72) GNERRE, Sante; JUNG, Byoungsok;  
 KOSTEM, Emrah; ARAVANIS, Alex;  
 SO, Alex; ZHANG, Zhihong; STEEM-  
 ERS, Frank; CAI, Xuyu  
 (74) WRAYS PTY LTD

(71) Immutep S.A.S.  
 (11) AU-A-2022200133  
 (21) 2022200133 (22) 11.01.2022  
 (54) COMBINED PREPARATIONS FOR  
 THE TREATMENT OF CANCER OR  
 INFECTION  
 (51) Int. Cl.  
*A61K 38/17* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 31/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2016205983  
 (72) Triebel, Frederic; Brignone, Chrystelle  
 (74) Madderns Pty Ltd

(71) innogy SE  
 (11) AU-A-2022200300  
 (21) 2022200300 (22) 18.01.2022  
 (54) Open-loop and/or closed-loop control of  
 power generation installations  
 (51) Int. Cl.  
*G06Q 50/06* ( 2012.01 )  
*G06Q 10/04* ( 2012.01 )  
 (43) 10.02.2022  
 (62) 2018330506  
 (72) THOMAS, Marx  
 (74) Griffith Hack

(71) Innovapark, LLC  
 (11) AU-A-2022200298  
 (21) 2022200298 (22) 18.01.2022

(54) GEN II meter system with multiple pro-  
 cessors, multiple detection sensor  
 types, fault tolerance methods, power  
 sharing and multiple user interface  
 methods  
 (51) Int. Cl.  
*G06Q 10/00* ( 2012.01 )  
*G06Q 90/00* ( 2006.01 )  
*H04M 15/00* ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020200296  
 (72) Keller, Scott; Krstanovic, Chris;  
 Swiedler, Tom; Fasciano, David; Groff,  
 Eric  
 (74) Griffith Hack

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 see Regeneron Pharmaceuticals Inc**  
 (21) 2022200302

**Intima Bioscience, Inc. see Regents of the  
 University of Minnesota**  
 (21) 2022200267

(71) ITT Manufacturing Enterprises LLC  
 (11) AU-A-2022200281  
 (21) 2022200281 (22) 17.01.2022  
 (54) Motor assembly for driving a pump or  
 rotary device, having power plane with  
 multi-layer power and control printed  
 circuit board assembly  
 (51) Int. Cl.  
*H02K 5/15* ( 2006.01 )  
*H02K 11/33* ( 2016.01 )  
 (43) 10.02.2022  
 (62) 2017230115  
 (72) WILLIAMS, Dean P.; PLAYFORD,  
 Mark A.; KERNAN, Daniel J.; EM-  
 PRINGHAM, Lee; DE LILLO, Liliana V.;  
 TIGHE, Christopher J.F.  
 (74) Spruson & Ferguson

(71) JDM Products Pty Ltd  
 (11) AU-A-2021206806  
 (21) 2021206806 (22) 20.07.2021  
 (54) Gunstock Support  
 (51) Int. Cl.  
*F41A 23/06* ( 2006.01 )  
*F41C 23/12* ( 2006.01 )  
*F41C 23/20* ( 2006.01 )  
*F41C 23/22* ( 2006.01 )  
 (31) 2020902527 (32) 21.07.20 (33) AU  
 (43) 10.02.2022  
 (72) Moltoni, Jason David  
 (74) Armour IP Pty Ltd

(71) Kop-Coat, Inc.  
 (11) AU-A-2022200223  
 (21) 2022200223 (22) 14.01.2022  
 (54) METHOD AND RELATED SOLU-  
 TION FOR PROTECTING WOOD  
 THROUGH ENHANCED PENETRA-  
 TION OF WOOD PRESERVATIVES  
 EMPLOYING BUFFERED AMINE OX-  
 IDES AND ALKOXYLATED OILS  
 (51) Int. Cl.

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**(62)** 2020202409  
**(72)** Clawson Jr., Ronald W.; Cheeks, Charles N.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude  
**(11)** AU-A-2021203902  
**(21)** 2021203902 **(22)** 11.06.2021  
**(54)** METHOD FOR FILLING A TANK WITH LIQUEFIED GAS  
**(51)** Int. Cl.  
**F17C 5/04** ( 2006.01 )  
**F17C 5/02** ( 2006.01 )  
**F17C 7/02** ( 2006.01 )  
**F17C 13/04** ( 2006.01 )  
**(31)** 2007658 **(32)** 21.07.20 **(33)** FR  
**(43)** 10.02.2022  
**(72)** Crevatin, Stephane; Peyron, Jean-Marc  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** LG Electronics Inc.  
**(11)** AU-A-2022200181  
**(21)** 2022200181 **(22)** 13.01.2022  
**(54)** Washing machine and control method of washing machine  
**(51)** Int. Cl.  
**D06F 39/04** ( 2006.01 )  
**D06F 37/42** ( 2006.01 )  
**H05B 6/06** ( 2006.01 )  
**H05B 6/10** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2019224862  
**(72)** JANG, Jaehyuk; KIM, Woore; HONG, Sangwook  
**(74)** FB Rice Pty Ltd
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- (71)** LG Electronics Inc.  
**(11)** AU-A-2022200182  
**(21)** 2022200182 **(22)** 13.01.2022  
**(54)** Washing machine and control method of washing machine  
**(51)** Int. Cl.  
**D06F 39/04** ( 2006.01 )  
**D06F 37/42** ( 2006.01 )  
**H05B 6/06** ( 2006.01 )  
**H05B 6/10** ( 2006.01 )  
**(43)** 10.02.2022  
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**(72)** JANG, Jaehyuk; KIM, Woore; HONG, Sangwook  
**(74)** FB Rice Pty Ltd
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- (71)** LG Electronics Inc.  
**(11)** AU-A-2022200184  
**(21)** 2022200184 **(22)** 13.01.2022  
**(54)** Washing machine and control method of washing machine  
**(51)** Int. Cl.  
**D06F 39/04** ( 2006.01 )  
**D06F 37/42** ( 2006.01 )  
**H05B 6/06** ( 2006.01 )  
**H05B 6/10** ( 2006.01 )
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**(62)** 2019224862  
**(72)** JANG, Jaehyuk; KIM, Woore; HONG, Sangwook  
**(74)** FB Rice Pty Ltd
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- (71)** LG Electronics Inc.  
**(11)** AU-A-2022200211  
**(21)** 2022200211 **(22)** 14.01.2022  
**(54)** LAUNDRY TREATING APPARATUS  
**(51)** Int. Cl.  
**D06F 37/04** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020200664  
**(72)** SEO, Min Soo; KIM, Jun Young; LEE, Hong Min  
**(74)** Dentons Patent Attorneys Australasia Limited
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- (71)** Lobsor Pharmaceuticals Aktiebolag  
**(11)** AU-A-2022200291  
**(21)** 2022200291 **(22)** 18.01.2022  
**(54)** Pharmaceutical compositions comprising levodopa, a dopamine decarboxylase inhibitor and a COMT inhibitor and method of administration thereof  
**(51)** Int. Cl.  
**A61K 31/195** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/277** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020239682  
**(72)** BOLSOY, Roger  
**(74)** Spruson & Ferguson
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- (71)** Lockheed Martin Corporation  
**(11)** AU-A-2021204833  
**(21)** 2021204833 **(22)** 09.07.2021  
**(54)** ALL-PURPOSE FOREIGN OBJECT DEBRIS DETECTION AND RETRIEVAL DEVICE  
**(51)** Int. Cl.  
**G01N 21/954** ( 2006.01 )  
**B64F 5/60** ( 2017.01 )  
**G02B 23/16** ( 2006.01 )  
**G02B 23/24** ( 2006.01 )  
**(31)** 16/938,356 **(32)** 24.07.20 **(33)** US
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**(62)** 2019224862  
**(72)** JANG, Jaehyuk; KIM, Woore; HONG, Sangwook  
**(74)** FB Rice Pty Ltd
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- (71)** LG Electronics Inc.  
**(11)** AU-A-2022200215  
**(21)** 2022200215 **(22)** 14.01.2022  
**(54)** Vacuum cleaner  
**(51)** Int. Cl.  
**A47L 9/04** ( 2006.01 )  
**A46B 3/06** ( 2006.01 )  
**A46B 13/02** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020201882  
**(72)** Yang, Ingyu; Ko, Moohyun; Ryu, Jungwan; Chang, Daeho  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** MacFarlane Burnet Institute for Medical Research and Public Health Pty Ltd  
**(11)** AU-A-2022200210  
**(21)** 2022200210 **(22)** 14.01.2022  
**(54)** Therapeutic method  
**(51)** Int. Cl.  
**A61K 31/19** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020203696  
**(72)** TACHEDJIAN, Gilda; HEARPS, Anna  
**(74)** FB Rice Pty Ltd
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- (71)** MacroGenics, Inc.  
**(11)** AU-A-2022200168  
**(21)** 2022200168 **(22)** 12.01.2022  
**(54)** PD-1-binding molecules and methods of use thereof  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2020200054  
**(72)** SHAH, Kalpana; SMITH, Douglas H.; MOTTE-MOHS, Ross; JOHNSON, Leslie S.; MOORE, Paul A.; BONVINI, Ezio; KOENIG, Scott  
**(74)** Spruson & Ferguson
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- (71)** Magic Leap, Inc.  
**(11)** AU-A-2022200301  
**(21)** 2022200301 **(22)** 18.01.2022  
**(54)** Virtual and augmented reality systems and methods having unequal numbers of component color images distributed across depth planes  
**(51)** Int. Cl.  
**G02B 27/42** ( 2006.01 )  
**G02B 6/10** ( 2006.01 )  
**G02B 6/24** ( 2006.01 )  
**G02B 27/01** ( 2006.01 )  
**G02B 27/02** ( 2006.01 )  
**G02B 27/44** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2017206021  
**(72)** Schowengerdt, Brian T.; Hua, Hong; Cheng, Hui-Chuan; Peroz, Christophe  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Magnet Forensics Inc.  
**(11)** AU-A-2021209167  
**(21)** 2021209167 **(22)** 26.07.2021  
**(54)** System and method for generating a minimal forensic image of a dataset of interest  
**(51)** Int. Cl.  
**G06F 16/11** ( 2019.01 )  
**G06Q 10/00** ( 2012.01 )  
**(31)** 63/056,261 **(32)** 24.07.20 **(33)** US

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(21) 2022200238 (22) 14.01.2022  
(54) Heart Help Device, System, And Method  
(51) Int. Cl.  
A61M 1/12 ( 2006.01 )  
A61F 2/00 ( 2006.01 )  
(43) 10.02.2022  
(62) 2020227105  
(72) Forsell, Peter  
(74) WRAYS PTY LTD

(71) Medtronic Navigation, Inc.  
(11) AU-A-2022200304  
(21) 2022200304 (22) 18.01.2022  
(54) System and method for performing and evaluating a procedure  
(51) Int. Cl.  
A61B 34/20 ( 2016.01 )  
A61B 5/107 ( 2006.01 )  
A61B 5/06 ( 2006.01 )  
A61B 17/00 ( 2006.01 )  
A61B 90/00 ( 2016.01 )  
A61F 2/46 ( 2006.01 )  
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(62) 2019282529  
(72) MELKENT, Anthony J.  
(74) FB Rice Pty Ltd

(71) Memorial Sloan-Kettering Cancer Center  
(11) AU-A-2022200333  
(21) 2022200333 (22) 19.01.2022  
(54) Targeting chromatin regulators inhibits leukemogenic gene expression in NPM1 mutant leukemia  
(51) Int. Cl.  
A61K 31/407 ( 2006.01 )  
A61K 31/4365 ( 2006.01 )  
A61K 31/4545 ( 2006.01 )  
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(62) 2017212572  
(72) Armstrong, Scott A.  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Merck Sharp & Dohme Corp.  
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(21) 2022200142 (22) 11.01.2022  
(54) Crystals of anti-human PD-1 monoclonal antibodies  
(51) Int. Cl.  
A61K 39/00 ( 2006.01 )  
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(62) 2016223047  
(72) REICHERT, Paul; PROSISE, Winifred W.; SCAPIN, Giovanna; YANG, Xiaoyu; KASHI, Ramesh; STRICKLAND, Corey  
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(71) MICHAEL GREAVES & ASSOCIATES PTY. LTD.  
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(54) UVC PHOTO LUMINESCENT SHIELDING SIMULTANEOUSLY PROVIDING VISIBLE LIGHT FOR LOCALISED AIR SANITATION AND PRODUCTION OF OZONE  
(51) Int. Cl.  
A61L 9/20 ( 2006.01 )  
A61L 2/10 ( 2006.01 )  
B01J 19/12 ( 2006.01 )  
C01B 13/10 ( 2006.01 )  
C09K 11/00 ( 2006.01 )  
(31) 2020902637 (32) 27.07.20 (33) AU  
(43) 10.02.2022  
(72) Greaves, Michael  
(74) MICHAEL GREAVES & ASSOCIATES PTY. LTD.

(71) Milwaukee Electric Tool Corporation  
(11) AU-A-2022200246  
(21) 2022200246 (22) 14.01.2022  
(54) Cutter and kit  
(51) Int. Cl.  
B23D 21/08 ( 2006.01 )  
B23D 21/04 ( 2006.01 )  
B23D 21/06 ( 2006.01 )  
B25G 1/10 ( 2006.01 )  
(43) 10.02.2022  
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(72) HYMA, Steven W.; NAIVA, Matthew W.; ROSE, Derek  
(74) Griffith Hack

(71) Nanotics, LLC  
(11) AU-A-2022200233  
(21) 2022200233 (22) 14.01.2022  
(54) COMPOSITIONS AND METHODS RELATED TO SCAVENGER PARTICLES  
(51) Int. Cl.  
A61K 9/14 ( 2006.01 )  
A61K 9/51 ( 2006.01 )  
A61K 38/17 ( 2006.01 )  
A61K 38/19 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
(43) 10.02.2022  
(62) 2016285868  
(72) HAWTHORNE, Louis; DODGSON, John  
(74) Pearce IP Pty Ltd

(71) Netflix, Inc.  
(11) AU-A-2022200218  
(21) 2022200218 (22) 14.01.2022  
(54) Techniques for evaluating a video rate selection algorithm over a completed streaming session  
(51) Int. Cl.  
H04N 19/184 ( 2014.01 )  
H04N 21/2343 ( 2011.01 )  
H04N 21/845 ( 2011.01 )  
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(62) 2019272529  
(72) Huang, Te-Yuan; Ekanadham, Chaitanya; Berglund, Andrew J.; Li, Zhi  
(74) FPA Patent Attorneys Pty Ltd

(71) Nextivity, Inc.  
(11) AU-A-2022200205  
(21) 2022200205 (22) 13.01.2022  
(54) LOW POWER IOT BOOSTER NETWORK  
(51) Int. Cl.  
H04W 4/80 ( 2018.01 )  
H04W 52/00 ( 2009.01 )  
(43) 10.02.2022  
(62) 2019208328  
(72) Lotter, Michiel Petrus  
(74) Phillips Ormonde Fitzpatrick

(71) Nicoventures Trading Limited  
(11) AU-A-2022200289  
(21) 2022200289 (22) 18.01.2022  
(54) A control device for an electronic aerosol provision system  
(51) Int. Cl.  
A24F 47/00 ( 2020.01 )  
A61M 11/04 ( 2006.01 )  
A61M 15/06 ( 2006.01 )  
(43) 10.02.2022  
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(72) MOLONEY, Patrick; KORUS, Anton; CHAN, Justin Han Yang  
(74) Spruson & Ferguson

(71) Novartis AG; The Trustees of the University of Pennsylvania  
(11) AU-A-2022200288  
(21) 2022200288 (22) 18.01.2022  
(54) Treatment of cancer using anti-CD19 chimeric antigen receptor  
(51) Int. Cl.  
C12N 5/0783 ( 2010.01 )  
A61K 31/00 ( 2006.01 )  
A61K 35/17 ( 2015.01 )  
A61P 35/02 ( 2006.01 )  
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(72) Byrd, John; Dubovsky, Jason; Fraietta, Joseph; Gill, Saar; Glass, David; Johnson, Amy; June, Carl, H.; Kenderian, Saad; Mannick, Joan; Maus, Marcela; Murphy, Leon; Muthusamy, Natarajan; Porter, David L.; Ruella, Marco; Sellers, William Raj; Wasik, Mariusz  
(74) Davies Collison Cave Pty Ltd

(71) Ocera Therapeutics, Inc.  
(11) AU-A-2021290236  
(21) 2021290236 (22) 21.12.2021  
(54) Formulations of L-ornithine phenylacetate  
(51) Int. Cl.  
A61K 31/192 ( 2006.01 )  
A61K 9/00 ( 2006.01 )  
A61K 31/195 ( 2006.01 )  
A61K 31/198 ( 2006.01 )  
A61P 1/16 ( 2006.01 )  
A61P 3/00 ( 2006.01 )  
C07C 57/32 ( 2006.01 )

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 (72) WANG, Laurene; GRAIS, Linda S.;  
 BUKOFZER, Stanley  
 (74) Spruson & Ferguson

(71) Oslo Universitetssykehus HF  
 (11) AU-A-2022200126  
 (21) 2022200126 (22) 11.01.2022  
 (54) Universal killer T-cell  
 (51) Int. Cl.  
 C12N 5/0783 ( 2010.01 )  
 (43) 10.02.2022  
 (62) 2016208475  
 (72) WÄLCHLI, Sébastien; SUSO, Else Mar-  
 it Inderberg; GAUDERNACK, Gustav;  
 KVALHEIM, Gunnar  
 (74) Griffith Hack

(71) Oxford University Innovation Limited  
 (11) AU-A-2022200306  
 (21) 2022200306 (22) 18.01.2022  
 (54) Treatment of retinitis pigmentosa  
 (51) Int. Cl.  
 C12N 15/86 ( 2006.01 )  
 C07K 14/47 ( 2006.01 )  
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 (62) 2016320551  
 (72) Maclaren, Robert; Fischer, Dominik  
 (74) FB Rice Pty Ltd

(71) PayPal, Inc.  
 (11) AU-A-2022200219  
 (21) 2022200219 (22) 14.01.2022  
 (54) Locations platform for managing and  
 providing of user experiences  
 (51) Int. Cl.  
 H04W 4/021 ( 2018.01 )  
 G06F 3/0484 ( 2022.01 )  
 G06Q 20/18 ( 2012.01 )  
 G06Q 30/06 ( 2012.01 )  
 H04L 67/52 ( 2022.01 )  
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 (62) 2019262986  
 (72) JAMKHEDKAR, Prashant;  
 GANAPATHY, Anant; LENG, Jie;  
 NAIR, Biju Balakrishnan; XUE, Haoyu;  
 WARMKESSEL, Justin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Plus Xnergy Services Sdn Bhd  
 (11) AU-A-2021206914  
 (21) 2021206914 (22) 23.07.2021  
 (54) A SYSTEM AND METHOD FOR ES-  
 TIMATING ENERGY CONSUMPTION  
 AND MANAGING LOAD SCHEDULE  
 IN A BUILDING  
 (51) Int. Cl.  
 G05B 15/02 ( 2006.01 )  
 G06Q 50/06 ( 2012.01 )  
 (31) PI2020003814 (32) 23.07.20 (33) MY  
 (43) 10.02.2022  
 (72) TAN , ALVIN WAN KING; OH , ZHI  
 KANG  
 (74) MOHAN MURALI KODIVEL

(71) Plus Xnergy Services Sdn Bhd  
 (11) AU-A-2021206915  
 (21) 2021206915 (22) 23.07.2021  
 (54) MEASUREMENT DEVICE AND METH-  
 OD FOR MEASURING PARAMETERS  
 (51) Int. Cl.  
 G01R 15/12 ( 2006.01 )  
 G01R 1/02 ( 2006.01 )  
 G16Y 20/30 ( 2020.01 )  
 G16Y 40/10 ( 2020.01 )  
 (31) PI2020003815 (32) 23.07.20 (33) MY  
 (43) 10.02.2022  
 (72) TAN, ALVIN WAN KING; OH, ZHI  
 KANG  
 (74) MOHAN MURALI KODIVEL

(71) Plus Xnergy Services Sdn Bhd  
 (11) AU-A-2021206916  
 (21) 2021206916 (22) 23.07.2021  
 (54) AN AUTOMATED SYSTEM AND  
 METHOD FOR DETECTING SOILING  
 OVER SOLAR PANELS OF A SOLAR  
 PLANT  
 (51) Int. Cl.  
 H02S 50/10 ( 2014.01 )  
 G01J 1/50 ( 2006.01 )  
 G01W 1/02 ( 2006.01 )  
 (31) PI2020003816 (32) 23.07.20 (33) MY  
 (43) 10.02.2022  
 (72) OH, ZHI KANG  
 (74) MOHAN MURALI KODIVEL

(71) PRICEMAN, S.; FORMAN, S.;  
 BROWN, C.  
 (11) AU-A-2022200116  
 (21) 2022200116 (22) 10.01.2022  
 (54) Chimeric Antigen Receptors Targeting  
 HER2  
 (51) Int. Cl.  
 C07K 14/705 ( 2006.01 )  
 A61K 48/00 ( 2006.01 )  
 C07K 16/28 ( 2006.01 )  
 C07K 16/30 ( 2006.01 )  
 C12N 5/10 ( 2006.01 )  
 C12N 15/79 ( 2006.01 )  
 C12N 15/85 ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2016349722  
 (72) PRICEMAN, Saul; FORMAN, Stephen;  
 BROWN, Christine  
 (74) WRAYS PTY LTD

(71) Psomagen, Inc.  
 (11) AU-A-2022200242  
 (21) 2022200242 (22) 14.01.2022  
 (54) Method and system for microbiome-de-  
 rived diagnostics and therapeutics for  
 autoimmune system conditions  
 (51) Int. Cl.  
 G01N 33/564 ( 2006.01 )  
 A61K 35/74 ( 2015.01 )  
 C12Q 1/68 ( 2018.01 )  
 (43) 10.02.2022  
 (62) 2016248063  
 (72) Apte, Zachary; Almonacid, Daniel;  
 Richman, Jessica; Behbahani, Siavosh  
 Rezvan  
 (74) Clark Intellectual Property Pty Ltd

(71) Psomagen, Inc.  
 (11) AU-A-2022200243  
 (21) 2022200243 (22) 14.01.2022  
 (54) Method and system for microbiome-de-  
 rived characterization, diagnostics and  
 therapeutics for cutaneous conditions  
 (51) Int. Cl.  
 A61K 35/74 ( 2015.01 )  
 A61K 35/741 ( 2015.01 )  
 A61P 1/00 ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2016250100  
 (72) Apte, Zachary; Almonacid, Daniel; Rich-  
 man, Jessica; Behbahani, Siavosh  
 Rezvan  
 (74) Clark Intellectual Property Pty Ltd

(71) Psomagen, Inc.  
 (11) AU-A-2022200245  
 (21) 2022200245 (22) 14.01.2022  
 (54) Method and system for microbiome-de-  
 rived diagnostics and therapeutics for  
 conditions associated with microbiome  
 taxonomic features  
 (51) Int. Cl.  
 A61K 35/74 ( 2015.01 )  
 A61K 35/741 ( 2015.01 )  
 A61P 1/00 ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2016250102  
 (72) Apte, Zachary; Almonacid, Daniel; Rich-  
 man, Jessica; Behbahani, Siavosh  
 Rezvan  
 (74) Clark Intellectual Property Pty Ltd

(71) Raimondi S.p.A.  
 (11) AU-A-2021206833  
 (21) 2021206833 (22) 21.07.2021  
 (54) Levelling spacer device for slabs  
 (51) Int. Cl.  
 E04F 21/22 ( 2006.01 )  
 (31) 10202000017881 (32) 23.07.20 (33) IT  
 (43) 10.02.2022  
 (72) SIGHINOLFI, Riccardo  
 (74) Spruson & Ferguson

(71) Regeneron Pharmaceuticals, Inc.  
 (11) AU-A-2022200272  
 (21) 2022200272 (22) 17.01.2022  
 (54) Human antibodies to Bet v 1 and meth-  
 ods of use thereof  
 (51) Int. Cl.  
 C07K 16/16 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2018275657  
 (72) Orengo, Jamie M.; Murphy, Andrew J.;  
 Badithe, Ashok T.; Kamat, Vishal; Liu,  
 Yashu  
 (74) AJ PARK

(71) Regeneron Pharmaceuticals Inc; Yale  
 University; Institute for Research in Bio-  
 medicine (IRB)  
 (11) AU-A-2022200302

Applications Open to Public Inspection - Name Index cont'd

- (21) 2022200302 (22) 18.01.2022  
 (54) Genetically modified non-human animals and methods of use thereof  
 (51) Int. Cl.  
**A01K 67/027** ( 2006.01 )  
**C07K 14/535** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019204775  
 (72) Flavell, Richard; Strowig, Till; Manz, Markus G.; Borsotti, Chiara; Dhodapkar, Madhav; Murphy, Andrew J.; Stevens, Sean; Yancopoulos, George D.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Regents of the University of Minnesota; Intima Bioscience, Inc.; The United States of America, as represented by the Secretary Department of Health and Human Services  
 (11) AU-A-2022200267  
 (21) 2022200267 (22) 17.01.2022  
 (54) Tumor infiltrating lymphocytes and methods of therapy  
 (51) Int. Cl.  
**C12N 15/11** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**C12N 5/0783** ( 2010.01 )  
**C12N 9/10** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2017346885  
 (72) Moriarity, Branden; Webber, Beau; Choudhry, Modassir; Rosenberg, Steven A.; Palmer, Douglas C.; Restifo, Nicholas P.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.  
 (11) AU-A-2022200128  
 (21) 2022200128 (22) 11.01.2022  
 (54) Pipe connection fitting  
 (51) Int. Cl.  
**F16L 37/091** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020200441  
 (72) GLEDHILL, Jeremy; KLUSS, William Vernon  
 (74) Allens Patent & Trade Mark Attorneys
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- (71) Remendium Labs LLC  
 (11) AU-A-2022200193  
 (21) 2022200193 (22) 13.01.2022  
 (54) SYSTEM AND METHOD FOR KEGEL TRAINING  
 (51) Int. Cl.  
**A61H 19/00** ( 2006.01 )  
**A63B 71/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019240720  
 (72) Iglesias, Ramon Jose; Mischelevich, David J.; Nash, Sean C.; Schaefer, Kaitlin B.; Lokre, Jahnvi; Trcka, Milan V.; Patel, Himanshu; Zwierstra, Jan B.; Dunlop, Trevor; Gifford, Aaron  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Roam Pty Ltd  
 (11) AU-A-2021206857  
 (21) 2021206857 (22) 22.07.2021  
 (54) A MONOPOLE STRENGTHENING SYSTEM  
 (51) Int. Cl.  
**E04H 12/20** ( 2006.01 )  
**H01Q 1/12** ( 2006.01 )  
 (31) 2020902593 (32) 24.07.20 (33) AU  
 (43) 10.02.2022  
 (72) Serra, Fernando  
 (74) Lord & Company
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- (71) Rovi Guides, Inc.  
 (11) AU-A-2022200234  
 (21) 2022200234 (22) 14.01.2022  
 (54) Methods and systems for recommending media content  
 (51) Int. Cl.  
**G06Q 10/00** ( 2012.01 )  
**G06Q 50/00** ( 2012.01 )  
 (43) 10.02.2022  
 (62) 2016222632  
 (72) STATHACOPOULOS, Paul; MAUGHAN, Benjamin  
 (74) Spruson & Ferguson
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- (71) RTC Industries, Inc.  
 (11) AU-A-2022200145  
 (21) 2022200145 (22) 11.01.2022  
 (54) System for inventory management  
 (51) Int. Cl.  
**A47F 1/12** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020203256  
 (72) Swafford, John; Costello, Patrick  
 (74) Davies Collison Cave Pty Ltd
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- (71) Sage Therapeutics, Inc.  
 (11) AU-A-2022200247  
 (21) 2022200247 (22) 14.01.2022  
 (54) C7, C12, and C16 substituted neuroactive steroids and their methods of use  
 (51) Int. Cl.  
**C07J 1/00** ( 2006.01 )  
**A61K 31/57** ( 2006.01 )  
**A61K 31/58** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07J 7/00** ( 2006.01 )  
**C07J 43/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2017296295  
 (72) ROBICHAUD, Albert J.; MARTINEZ BOTELLA, Gabriel; HARRISON, Boyd L.; SALITURO, Francesco G.; GRIFFIN, Andrew; BLANCO-PILLADO, Maria Jesus  
 (74) Spruson & Ferguson
- 
- (71) Sanguine Technology, LLC  
 (11) AU-A-2022200115  
 (21) 2022200115 (22) 10.01.2022  
 (54) Systems and methods for providing osotomy faceplates in close proximity with negative pressure wound devices  
 (51) Int. Cl.
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- (71) Int. Cl.  
**A61F 5/44** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2020310135  
 (72) GRANET, Rosemary; GRANET, Paul; MURPHY, Gregory  
 (74) Spruson & Ferguson
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- Scherer, P.J. see Duvoisin, C.A.  
 (21) 2020423757
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- (71) Schneider Electric USA, Inc.  
 (11) AU-A-2022200274  
 (21) 2022200274 (22) 17.01.2022  
 (54) SUPPLEMENTAL TECHNIQUES FOR CHARACTERIZING POWER QUALITY EVENTS IN AN ELECTRICAL SYSTEM  
 (51) Int. Cl.  
**H02J 13/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019204823  
 (72) Bickel, Jon A.; Wall, Theresa K.  
 (74) Madderns Pty Ltd
- 
- (71) Schneider Electric USA, Inc.  
 (11) AU-A-2022200275  
 (21) 2022200275 (22) 17.01.2022  
 (54) SYSTEMS AND METHODS FOR ANALYZING POWER QUALITY EVENTS IN AN ELECTRICAL SYSTEM  
 (51) Int. Cl.  
**G01R 19/25** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019204827  
 (72) Menzel, Johannes; Bickel, Jon A.  
 (74) Madderns Pty Ltd
- 
- (71) Schock GmbH  
 (11) AU-A-2021204815  
 (21) 2021204815 (22) 09.07.2021  
 (54) Heat-curable biobased casting composition, shaped article produced therefrom and process for producing such a shaped article  
 (51) Int. Cl.  
**C08L 33/12** ( 2006.01 )  
**A47K 3/40** ( 2006.01 )  
**A47L 17/02** ( 2006.01 )  
**B29C 39/02** ( 2006.01 )  
**C08J 11/04** ( 2006.01 )  
**C08K 3/22** ( 2006.01 )  
**C08K 3/36** ( 2006.01 )  
 (31) 102020119386.6 (32) 22.07.20 (33) DE  
 (43) 10.02.2022  
 (72) Datsyuk, Vitaliy; Orendorz, Adam; Achatz, Oskar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Selecta Biosciences, Inc.  
 (11) AU-A-2022200157  
 (21) 2022200157 (22) 12.01.2022  
 (54) Local, concomitant administration of tolerogenic synthetic nanocarriers to reduce type I and type IV hypersensitivity  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

- A61K 9/16** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2019250117  
**(72)** Maldonado, Roberto A.  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Seminis Vegetable Seeds, Inc.  
**(11)** AU-A-2022200192  
**(21)** 2022200192 **(22)** 13.01.2022  
**(54)** PEPPER HYBRID SVPB8193  
**(51)** Int. Cl.  
**A01H 5/00** ( 2018.01 )  
**A01H 4/00** ( 2006.01 )  
**A01H 5/10** ( 2018.01 )  
**(43)** 10.02.2022  
**(62)** 2017204190  
**(72)** McCarthy, William  
**(74)** Griffith Hack
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290427  
**(21)** 2021290427 **(22)** 22.12.2021  
**(54)** Object recognition method, apparatus, device and storage medium  
**(51)** Int. Cl.  
**G06T 1/00** ( 2006.01 )  
**(31)** 10202114118P **(32)** 20.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** ZHANG, Wenbin; ZHANG, Yao; ZHANG, Shuai; YI, Shuai  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290428  
**(21)** 2021290428 **(22)** 21.12.2021  
**(54)** Target detection method and apparatus, electronic device, and computer storage medium  
**(51)** Int. Cl.  
**G06N 5/04** ( 2006.01 )  
**G06T 1/00** ( 2006.01 )  
**(31)** 10202114024R **(32)** 17.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** LIU, Chunya  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290429  
**(21)** 2021290429 **(22)** 22.12.2021  
**(54)** Sequence recognition method and apparatus, electronic device, and storage medium  
**(51)** Int. Cl.  
**G06N 3/08** ( 2006.01 )  
**(31)** 10202114103T **(32)** 20.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** CHEN, Jinghuan; MA, Jiabin; LIU, Chunya  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290431  
**(21)** 2021290431 **(22)** 21.12.2021  
**(54)** Image processing method, apparatus and device, and storage medium  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06T 7/60** ( 2017.01 )  
**(31)** 10202114028X **(32)** 17.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** ZHANG, Wenbin; ZHANG, Yao; ZHANG, Shuai; YI, Shuai  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290432  
**(21)** 2021290432 **(22)** 21.12.2021  
**(54)** Method and apparatus for identifying game area type, electronic device and storage medium  
**(51)** Int. Cl.  
**G06T 7/60** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**(31)** 10202114021V **(32)** 17.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** LIU, Chunya  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290433  
**(21)** 2021290433 **(22)** 21.12.2021  
**(54)** Data sampling method and apparatus, and storage medium  
**(51)** Int. Cl.  
**G06T 7/60** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**(31)** 10202113665U **(32)** 09.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** LIU, Chunya  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290434  
**(21)** 2021290434 **(22)** 22.12.2021  
**(54)** Method and apparatus for detecting game prop in game region, device, and storage medium  
**(51)** Int. Cl.  
**G06T 7/60** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**(31)** 10202114098S **(32)** 20.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** ZHANG, Wenbin; ZHANG, Yao; ZHANG, Shuai; YI, Shuai  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290435  
**(21)** 2021290435 **(22)** 21.12.2021  
**(54)** Method and device for identifying state, electronic device and computer-readable storage medium  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06T 7/60** ( 2017.01 )  
**(31)** 10202113931V **(32)** 15.12.21 **(33)** SG
- 
- (43)** 10.02.2022  
**(72)** ZHANG, Wenbin; ZHANG, Yao; ZHANG, Shuai; YI, Shuai  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290436  
**(21)** 2021290436 **(22)** 17.12.2021  
**(54)** Object recognition method, apparatus, device and storage medium  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06T 7/60** ( 2017.01 )  
**(31)** 10202113727X **(32)** 10.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** ZHANG, Wenbin; ZHANG, Yao; ZHANG, Shuai; YI, Shuai  
**(74)** Michael Buck IP
- 
- (71)** SenseTime International Pte. Ltd.  
**(11)** AU-A-2021290437  
**(21)** 2021290437 **(22)** 21.12.2021  
**(54)** Image processing method, apparatus, electronic device and storage medium  
**(51)** Int. Cl.  
**G06T 7/62** ( 2017.01 )  
**G06T 7/70** ( 2017.01 )  
**(31)** 10202113657P **(32)** 09.12.21 **(33)** SG  
**(43)** 10.02.2022  
**(72)** ZHANG, Wenbin; ZHANG, Yao; ZHANG, Shuai; YI, Shuai  
**(74)** Michael Buck IP
- 
- (71)** SEW-EURODRIVE GmbH & Co. KG  
**(11)** AU-A-2022200317  
**(21)** 2022200317 **(22)** 18.01.2022  
**(54)** Electrical appliance arrangement having an electrical appliance which can be fastened to a support element, in particular a wall  
**(51)** Int. Cl.  
**H05K 7/20** ( 2006.01 )  
**H05K 5/02** ( 2006.01 )  
**(43)** 10.02.2022  
**(62)** 2019230922  
**(72)** SCHÖRNER, Martin; NIKOLA, Joachim; KOLLAR, Hans Jürgen  
**(74)** Griffith Hack
- 
- (71)** SG Gaming, Inc.  
**(11)** AU-A-2021203526  
**(21)** 2021203526 **(22)** 31.05.2021  
**(54)** Systems and methods using modifiable game elements  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**(31)** 17/316,792 **(32)** 11.05.21 **(33)** US  
 63/054,530 21.07.20 US  
**(43)** 10.02.2022  
**(72)** MILOSEVICH, Richard; SOONG, Kenneth Shawn  
**(74)** Spruson & Ferguson
- 
- (71)** Shandong University; State Grid Shanghai Municipal Electric Power

Applications Open to Public Inspection - Name Index cont'd

- Company; East China Electric Power Test Research Institute Co., Ltd.
- (11) AU-A-2020327344  
 (21) 2020327344 (22) 11.12.2020  
 (54) Method for locating arcing high-impedance fault section in power distribution network based on interval slope  
 (51) Int. Cl.  
**G01R 31/08** ( 2020.01 )  
 (31) 202010732977.8 (32) 27.07.20 (33) CN  
 (43) 10.02.2022  
 (72) XIE, Wei; ZHANG, Hengxu; YANG, Jianping; SHI, Fang; ZHU, Zheng; ZHANG, Chi; FANG, Chen; SHI, Zhixiong; LIU, Shu; WEI, Mingjie; SHEN, Bing; BAO, Wei; WEI, Xinchu  
 (74) Madderns Pty Ltd
- 
- (71) SharkNinja Operating LLC  
 (11) AU-A-2021204193  
 (21) 2021204193 (22) 22.06.2021  
 (54) CONTAINER FOR FOOD PROCESSING SYSTEM  
 (51) Int. Cl.  
**A47J 43/046** ( 2006.01 )  
**A47J 43/044** ( 2006.01 )  
**A47J 43/06** ( 2006.01 )  
**B02C 18/06** ( 2006.01 )  
 (31) 17/155,899 (32) 22.01.21 (33) US  
 63/057,205 27.07.20 US  
 (43) 10.02.2022  
 (72) Roberts, Matt; Lockyer, Edward; Fogarasi, Kristof Benedict; O'Loughlin, Nicholas M.; Ko, Fredrick; Deng, Yaoming; Huang, Audithan; Jiang, John; Lai, Lucas; Chen, Gang; Pei, Kevin; Bannister, Sam; Richardson, Ross  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Shell Internationale Research Maatschappij B.V.  
 (11) AU-A-2022200199  
 (21) 2022200199 (22) 13.01.2022  
 (54) Method of operating a liquefied natural gas production facility  
 (51) Int. Cl.  
**E04H 5/02** ( 2006.01 )  
**F25J 1/00** ( 2006.01 )  
**F25J 1/02** ( 2006.01 )  
**F25J 5/00** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2018380883  
 (72) MORLEY, Philip William; KUIVENHOVEN, Andries  
 (74) Spruson & Ferguson
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- (71) Shopify Inc.  
 (11) AU-A-2021203479  
 (21) 2021203479 (22) 27.05.2021  
 (54) SYSTEMS AND METHODS FOR REPRESENTING USER INTERACTIONS IN MULTI-USER AUGMENTED REALITY  
 (51) Int. Cl.  
**G06T 15/00** ( 2011.01 )  
**G06F 3/01** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06Q 10/06** ( 2012.01 )  
**G06Q 30/02** ( 2012.01 )
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- (71) Sigma-Aldrich Co. LLC  
 (11) AU-A-2022200130  
 (21) 2022200130 (22) 11.01.2022  
 (54) Engineered Cas9 systems for eukaryotic genome modification  
 (51) Int. Cl.  
**C12N 9/22** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2019222568  
 (72) Chen, Fuqiang; Seebeck, Timothy; Davis, Gregory  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Southeast University  
 (11) AU-A-2020356795  
 (21) 2020356795 (22) 21.12.2020  
 (54) Method of array extension for linear arrays  
 (51) Int. Cl.  
**G06F 17/16** ( 2006.01 )  
 (31) 202010708433.8 (32) 22.07.20 (33) CN  
 (43) 10.02.2022  
 (72) MAO, Weining; QIAN, Jin; CHEN, Jianrun  
 (74) Madderns Pty Ltd
- 
- State Grid Shanghai Municipal Electric Power Company see Shandong University**  
 (21) 2020327344
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- (71) Stewart, T.  
 (11) AU-A-2020207802  
 (21) 2020207802 (22) 21.07.2020  
 (54) ADJUSTABLE ANGLE FLOAT ARM  
 (51) Int. Cl.  
**F16K 31/26** ( 2006.01 )  
**F16K 31/18** ( 2006.01 )  
 (43) 10.02.2022  
 (72) Stewart, Timothy Charles  
 (74) Timothy Charles Stewart
- 
- (71) Stone Rail Pty Ltd  
 (11) AU-A-2021204397  
 (21) 2021204397 (22) 28.06.2021  
 (54) Cladding Bracket Assembly  
 (51) Int. Cl.  
**E04F 13/08** ( 2006.01 )  
**E04F 13/14** ( 2006.01 )  
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 (74) Michael Buck IP
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- (71) Sungrow Power Supply Co., Ltd.  
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 (21) 2021206847 (22) 21.07.2021  
 (54) Photovoltaic inverter, photovoltaic system, and method for controlling discharging  
 (51) Int. Cl.  
**H02J 3/38** ( 2006.01 )  
**H02M 1/32** ( 2007.01 )  
**H02M 3/155** ( 2006.01 )  
**H02M 7/48** ( 2007.01 )  
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 (74) FB Rice Pty Ltd
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- (71) Takeoff Technologies, Inc.  
 (11) AU-A-2021206911  
 (21) 2021206911 (22) 23.07.2021  
 (54) Climate-controlled container system  
 (51) Int. Cl.  
**G05D 23/19** ( 2006.01 )  
**F25D 11/00** ( 2006.01 )  
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 (74) Spruson & Ferguson
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- (71) The General Hospital Corporation; AZ-Therapies, Inc.  
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 (21) 2022200260 (22) 17.01.2022  
 (54) Methods for delivering cromolyn  
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**A61K 31/352** ( 2006.01 )  
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**A61F 2/16** ( 2006.01 )  
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 (11) AU-A-2022200197  
 (21) 2022200197 (22) 13.01.2022  
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**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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(11) AU-A-2022200117  
(21) 2022200117 (22) 10.01.2022  
(54) TEM8 ANTIBODIES AND THEIR USE  
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**C07K 16/28** ( 2006.01 )  
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2022200169 (22) 12.01.2022  
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**A61K 31/00** ( 2006.01 )  
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(54) A Lock  
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**E05B 13/00** ( 2006.01 )  
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**B07C 3/02** ( 2006.01 )
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**C12N 9/22** ( 2006.01 )  
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**B60N 3/10** ( 2006.01 )
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**G05D 1/02** ( 2020.01 )  
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**G01S 17/88** ( 2006.01 )
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**C12N 15/864** ( 2006.01 )  
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**A61K 48/00** ( 2006.01 )
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(51) Int. Cl.  
**E21B 41/00** ( 2006.01 )  
**B08B 17/00** ( 2006.01 )  
**C02F 1/32** ( 2006.01 )
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- (71) VIDEO GAMING TECHNOLOGIES, INC.  
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(54) Gaming machine with a curved display  
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**A63F 13/00** ( 2014.01 )

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 A61M 5/31 ( 2006.01 )  
 A61M 5/315 ( 2006.01 )

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 (51) Int. Cl.  
 E06C 1/383 ( 2006.01 )  
 E06C 1/12 ( 2006.01 )  
 E06C 1/30 ( 2006.01 )  
 E06C 7/50 ( 2006.01 )  
 F16C 11/10 ( 2006.01 )  
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 E06C 1/12 ( 2006.01 )  
 E06C 7/02 ( 2006.01 )  
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 (11) AU-A-2022200292  
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 (51) Int. Cl.  
 B64C 11/00 ( 2006.01 )  
 B64C 29/00 ( 2006.01 )  
 B64C 39/02 ( 2006.01 )  
 F16B 2/20 ( 2006.01 )

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 (21) 2021221824 (22) 25.08.2021  
 (54) A shed  
 (51) Int. Cl.  
 E04H 5/08 ( 2006.01 )  
 B65D 88/10 ( 2006.01 )  
 B65D 90/00 ( 2006.01 )  
 B65D 90/32 ( 2006.01 )  
 B65G 3/04 ( 2006.01 )  
 E04B 1/68 ( 2006.01 )  
 E06B 7/23 ( 2006.01 )  
 F24F 7/007 ( 2006.01 )  
 F24F 11/00 ( 2018.01 )

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 (72) Lefebvre, Warren  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Xenex Disinfection Services LLC  
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 (21) 2022200094 (22) 07.01.2022  
 (54) Ultraviolet Discharge Lamp Apparatuses With One Or More Reflectors And Systems Which Determine Operating Parameters And Disinfection Schedules For Germicidal Devices  
 (51) Int. Cl.  
 A61L 2/10 ( 2006.01 )  
 F21V 7/00 ( 2006.01 )  
 F21V 21/00 ( 2006.01 )  
 H01J 61/02 ( 2006.01 )

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 (62) 2019284102  
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 (74) WRAYS PTY LTD

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 (21) 2022200148 (22) 11.01.2022  
 (54) ONE-WAY POWER CONVERSION DEVICE AND POWER SYSTEM HAVING SAME  
 (51) Int. Cl.  
 F03B 11/00 ( 2006.01 )  
 F16H 37/12 ( 2006.01 )  
 (31) PCT/ CN2019/100389 (32) 13.08.19 (33) WO  
 (43) 10.02.2022  
 (72) WU, Qinfa  
 (74) Winston GREEN

(71) XSB, Inc.  
 (11) AU-A-2022200263  
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 (54) SYSTEMS AND METHODS FOR CREATING, EDITING, STORING AND RE-

TRIEVING KNOWLEDGE CONTAINED IN SPECIFICATION DOCUMENTS  
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 G06F 7/00 ( 2006.01 )  
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 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

Yale University see Regeneron Pharmaceuticals Inc  
 (21) 2022200302

(71) ZELOCCHI, E.  
 (11) AU-A-2022200183  
 (21) 2022200183 (22) 13.01.2022  
 (54) DATA ANALYTICS SYSTEM, METHOD AND PROGRAM PRODUCT FOR PROCESSING HEALTH INSURANCE CLAIMS AND TARGETED ADVERTISEMENT-BASED HEALTHCARE MANAGEMENT  
 (51) Int. Cl.  
 G06F 21/00 ( 2013.01 )  
 (43) 10.02.2022  
 (62) 2019456622  
 (72) ZELOCCHI, Enzo  
 (74) Adams Pluck

(71) Zimmer, Inc.  
 (11) AU-A-2022200138  
 (21) 2022200138 (22) 11.01.2022  
 (54) REVISION KNEE ARTHROPLASTY METHODS AND INSTRUMENTS  
 (51) Int. Cl.  
 A61F 2/46 ( 2006.01 )  
 A61B 17/16 ( 2006.01 )  
 (43) 10.02.2022  
 (62) 2021209337  
 (72) Yoko, Tim; Capek, Joseph C.; Szalkowski, Amanda; Vandiepenbos, Jeffrey A.  
 (74) Phillips Ormonde Fitzpatrick

(71) Zucker, S.  
 (11) AU-A-2022200152  
 (21) 2022200152 (22) 12.01.2022  
 (54) Combination therapy for treating cancer and method for treating cancer using a combination therapy  
 (51) Int. Cl.  
 A61N 1/00 ( 2006.01 )  
 A61K 31/33 ( 2006.01 )  
 A61M 37/00 ( 2006.01 )  
 A61N 1/30 ( 2006.01 )  
 C07C 211/00 ( 2006.01 )

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 (72) Zucker, Shoshanna  
 (74) AJ PARK

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2020207802	Stewart, T.	2022200094	Xenex Disinfection Services LLC
2020207877	B.BOX FOR KIDS DEVELOPMENTS PTY LTD	2022200115	Sanguine Technology, LLC
2020220198	Donmark Holdings Inc.	2022200116	PRICEMAN, S.; FORMAN, S.; BROWN, C.
2020227125	MICHAEL GREAVES & ASSOCIATES PTY. LTD.	2022200117	The United States of America, as represented by The Secretary, Department of Health and Human Services; Biomed Valley Discoveries, Inc.
2020289826	Tompkins Robotics, Inc.	2022200119	Think Surgical, Inc.
2020327344	Shandong University; State Grid Shanghai Municipal Electric Power Company; East China Electric Power Test Research Institute Co., Ltd.	2022200122	Ginkgo Bioworks, Inc.
2020356795	Southeast University	2022200123	Genomatica, Inc.
2020423757	Duvoisin, C.A.; Cavalcanti, S.C.; Scherer, P.J.; Garbe, E.A.; Duvoisin, C.V.	2022200126	Oslo Universitetssykehus HF
2020458210	China Electric Power Research Institute Company Limited	2022200127	Dynamics Inc.
2021200476	Balamurugan, M.	2022200128	Reliance Worldwide Corporation (Aust.) Pty. Ltd.
2021201913	Bennet, S.	2022200130	Sigma-Aldrich Co. LLC
2021202643	AstraZeneca AB	2022200131	General Oncology, Inc.
2021203479	Shopify Inc.	2022200133	Immutep S.A.S.
2021203526	SG Gaming, Inc.	2022200134	Aristocrat Technologies Australia Pty Limited
2021203902	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	2022200137	Dexcom, Inc.
2021203936	Covidien LP	2022200138	Zimmer, Inc.
2021204131	Deere & Company	2022200139	CAE USA Inc.
2021204193	SharkNinja Operating LLC	2022200140	GABRIEL, K.
2021204205	TNBT HOLDINGS PTY LTD	2022200142	Merck Sharp & Dohme Corp.
2021204228	Dart Industries Inc.	2022200145	RTC Industries, Inc.
2021204397	Stone Rail Pty Ltd	2022200148	XIAMEN CHUANGLIU TECHNOLOGY CO., LTD.
2021204452	Atlanta Stretch S.p.A.	2022200149	Argenta Innovation Limited
2021204742	Caterpillar Underground Mining Pty. Ltd.	2022200151	Derrick Corporation
2021204746	TuSimple, Inc.	2022200152	Zucker, S.
2021204815	Schock GmbH	2022200153	Derrick Corporation
2021204833	Lockheed Martin Corporation	2022200155	Biogen MA Inc.
2021205029	Werner Co.	2022200157	Selecta Biosciences, Inc.
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2021206806	JDM Products Pty Ltd	2022200168	MacroGenics, Inc.
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2021206841	Hartman Pacific Pty Ltd	2022200171	BD Kiestra B.V.
2021206847	Sungrow Power Supply Co., Ltd.	2022200173	Vetco Gray Scandinavia AS
2021206857	Roam Pty Ltd	2022200179	llumina, Inc.
2021206883	Cao, Y.	2022200180	Bayer HealthCare LLC
2021206893	Derwent Industries Pty Ltd	2022200181	LG Electronics Inc.
2021206911	Takeoff Technologies, Inc.	2022200182	LG Electronics Inc.
2021206912	Aristocrat Technologies, Inc.	2022200183	ZELOCCHI, E.
2021206914	Plus Xnergy Services Sdn Bhd	2022200184	LG Electronics Inc.
2021206915	Plus Xnergy Services Sdn Bhd	2022200188	Astellas Institute for Regenerative Medicine
2021206916	Plus Xnergy Services Sdn Bhd	2022200190	Cardinal Commerce Corporation
2021209167	Magnet Forensics Inc.	2022200191	ERIS TECHNOLOGY PTY LTD
2021209192	AmPro Innovations Pty Ltd	2022200192	Seminis Vegetable Seeds, Inc.
2021209216	Aristocrat Technologies, Inc.	2022200193	Remendium Labs LLC
2021221531	Touring Essentials Pty Ltd	2022200195	Hunt Perovskite Technologies, L.L.C.
2021221824	WRL Engineering Pty Ltd	2022200196	Fusion Pharmaceuticals Inc.
2021286343	AMDT Holdings, Inc.	2022200197	The Regents of the University of Michigan
2021290236	Ocera Therapeutics, Inc.	2022200199	Shell Internationale Research Maatschappij B.V.
2021290427	SenseTime International Pte. Ltd.	2022200200	The Regents of the University of Colorado, a body corporate; ClarVista Medical, Inc.
2021290428	SenseTime International Pte. Ltd.	2022200202	Arla Foods Amba
2021290429	SenseTime International Pte. Ltd.	2022200205	Nextivity, Inc.
2021290431	SenseTime International Pte. Ltd.	2022200207	AgeX Therapeutics, Inc.
2021290432	SenseTime International Pte. Ltd.	2022200209	Baek, J.Y.
2021290433	SenseTime International Pte. Ltd.	2022200210	MacFarlane Burnet Institute for Medical Research and Public Health Pty Ltd
2021290434	SenseTime International Pte. Ltd.	2022200211	LG ELECTRONICS INC.
2021290435	SenseTime International Pte. Ltd.	2022200212	Apple Inc.
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2021290437	SenseTime International Pte. Ltd.	2022200218	Netflix, Inc.
2021290441	VIDEO GAMING TECHNOLOGIES, INC.	2022200219	PayPal, Inc.
2022200062	CFPH, LLC	2022200220	Axial Therapeutics, Inc.
2022200084	Brown, L.; Brown, G.	2022200221	Illinois Tool Works Inc.
		2022200223	Kop-Coat, Inc.

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2022200224	Google LLC
2022200226	Vesper Medical, Inc.
2022200228	Avent, Inc.
2022200229	Cornell University
2022200231	Beyond Architectural Pty Ltd
2022200233	Nanotics, LLC
2022200234	Rovi Guides, Inc.
2022200235	Battelle Memorial Institute
2022200238	MedicalTree Patent Ltd
2022200239	Apple Inc.
2022200242	Psomagen, Inc.
2022200243	Psomagen, Inc.
2022200244	3M Innovative Properties Company
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2022200251	E Ink California, LLC
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2022200256	Ethicon, Inc.
2022200257	Dana-Farber Cancer Institute, Inc.
2022200258	CFPH, LLC
2022200259	FISHER & PAYKEL HEALTHCARE LIMITED
2022200260	The General Hospital Corporation; AZTherapies, Inc.
2022200262	ToolGen Incorporated
2022200263	XSB, Inc.
2022200264	Beyond Architectural Pty Ltd
2022200267	Regents of the University of Minnesota; Intima Bioscience, Inc.; The United States of America, as represented by the Secretary Department of Health and Human Services
2022200268	Apple Inc.
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2022200284	Hill, C.
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. (\*) Title not in Roman characters  
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 (11) AU-A-2018102232  
 (21) 2018102232 (22) 10.10.2018  
 (54) Bone marrow cell marking method and system  
 (51) Int. Cl.  
     **G06K 9/00** ( 2022.01 )  
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 (31) 201710935207.1 (32) 10.10.17 (33) CN  
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- (71) Harman, P.  
 (11) AU-A-2021107654  
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 (21) 2022100004 (22) 12.01.2022  
 (54) A TEXTURE MODIFIED FOOD PRODUCT  
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- (71) Jet Black Products Pty Ltd  
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 (54) DEVICES AND COMPUTER TECHNOLOGY CONFIGURED TO ENABLE ENHANCED SIMULATED BICYCLE STEERING, FOR USE WITH A STATIONARY TRAINING SYSTEM  
 (51) Int. Cl.  
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 (72) Simmonds, Tony  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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 (11) AU-A-2022100002  
 (21) 2022100002 (22) 06.01.2022  
 (54) Human Machine Interface System  
 (51) Int. Cl.  
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 (45) 10.02.2022  
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 (72) MacDonald, Bruce; Boettcher, William  
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 (21) 2022100005 (22) 14.01.2022  
 (54) METHOD FOR REFINING OMEPRAZOLE  
 (51) Int. Cl.  
     **C07D 235/28** ( 2006.01 )  
 (45) 10.02.2022  
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 (72) Li, Weisi; Huang, Shuang; Xue, Yi; Xu, Qiang; Yang, Xiaobo; Zhang, Xiaoqing  
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 (51) Int. Cl.  
     **A23J 3/14** ( 2006.01 )  
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     **A23L 11/30** ( 2016.01 )  
     **A23L 11/60** ( 2021.01 )  
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 (51) Int. Cl.  
     **F04B 39/06** ( 2006.01 )  
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 (74) WRAYS PTY LTD
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- (71) Trakwise Pty Ltd  
 (11) AU-A-2021107630  
 (21) 2021107630 (22) 01.12.2021  
 (54) SYSTEMS, METHODS AND DEVICES CONFIGURED TO ENABLE LONG-RANGE DISCOVERY AND MANAGEMENT OF PORTABLE ITEM TRACKERS  
 (51) Int. Cl.  
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 (72) Graham, Mat; Finniear, Lee  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- (71) Zhejiang Hengfeng Top Leisure Co., Ltd  
 (11) AU-A-2022100006  
 (21) 2022100006 (22) 14.01.2022  
 (54) TENT  
 (51) Int. Cl.  
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(72) Yang, Baoqing; Li, Xuejing  
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<b><u>A63B 69 /-</u></b>	2021107630
2021107652	<b><u>H04W 64 /-</u></b>
2021107653	2021107630
<b><u>C07D 235 /-</u></b>	<b><u>H04W 84 /-</u></b>
2022100005	2021107630
<b><u>E04H 15 /-</u></b>	<b><u>H04W 88 /-</u></b>
2022100006	2021107630
<b><u>F04B 39 /-</u></b>	
2022100008	
<b><u>G01S 1 /-</u></b>	
2021107630	
<b><u>G01S 19 /-</u></b>	
2021107630	
<b><u>G06F 16 /-</u></b>	
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<b><u>G06F 21 /-</u></b>	
2021107654	
<b><u>G06F 3 /-</u></b>	
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2022100002	
<b><u>G06K 7 /-</u></b>	
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**C07K 16/30** ( 2006.01 )  
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**B23K 26/067** ( 2006.01 )  
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**G03F 7/20** ( 2006.01 )  
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**C08L 95/00** ( 2006.01 )  
**C08K 5/05** ( 2006.01 )  
**C08L 91/00** ( 2006.01 )  
**D06N 5/00** ( 2006.01 )  
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**G16H 40/60** ( 2018.01 )  
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**A61M 60/135** ( 2021.01 )  
**H02K 1/27** ( 2006.01 )  
**H02K 3/28** ( 2006.01 )  
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**A61P 25/28** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
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**A61L 15/42** ( 2006.01 )  
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**A47F 3/04** ( 2006.01 )  
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**A61C 9/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
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 A61B 5/00 ( 2006.01 )  
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 A61B 46/10 ( 2016.01 )  
 A61C 9/00 ( 2006.01 )  
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 A63B 21/00 ( 2006.01 )  
 A63B 21/062 ( 2006.01 )  
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 A61K 31/713 ( 2006.01 )  
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 A61F 9/02 ( 2006.01 )  
 A61M 31/00 ( 2006.01 )  
 A61M 37/00 ( 2006.01 )  
 A61M 39/08 ( 2006.01 )  
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 C07H 21/04 ( 2006.01 )  
 C12N 9/12 ( 2006.01 )  
 C12Q 1/68 ( 2018.01 )  
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 H04W 24/08 ( 2009.01 )  
 H04W 36/18 ( 2009.01 )  
 H04W 36/22 ( 2009.01 )  
 H04W 36/30 ( 2009.01 )  
 H04W 84/02 ( 2009.01 )  
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 A61P 13/12 ( 2006.01 )  
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 F04B 39/06 ( 2006.01 )  
 B01D 53/06 ( 2006.01 )  
 B01D 53/26 ( 2006.01 )  
 F04C 29/00 ( 2006.01 )  
 F04C 29/04 ( 2006.01 )  
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E04F 21/165 ( 2006.01 )  
B05C 17/005 ( 2006.01 )  
B29C 65/52 ( 2006.01 )  
E04F 21/02 ( 2006.01 )  
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B25B 1/24 ( 2006.01 )  
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H04N 19/17 ( 2014.01 )  
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A61M 5/44 ( 2006.01 )  
B65B 55/10 ( 2006.01 )
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B01F 27/70 ( 2022.01 )
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A01N 63/00 ( 2020.01 )  
A61K 35/66 ( 2015.01 )  
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G16H 50/20 ( 2018.01 )  
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(51) Int. Cl.  
G06K 9/00 ( 2006.01 )  
G06T 7/00 ( 2017.01 )  
G06T 7/10 ( 2017.01 )  
G06T 7/11 ( 2017.01 )
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C08L 23/12 ( 2006.01 )  
C09J 123/12 ( 2006.01 )  
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 A61M 5/46 ( 2006.01 )  
 A61B 17/04 ( 2006.01 )  
 A61B 17/00 ( 2006.01 )  
 A61B 90/00 ( 2016.01 )  
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 A61B 1/00 ( 2006.01 )  
 A61B 1/307 ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
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C08G 18/08 (2006.01)  
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B01J 31/02 (2006.01)  
C07C 211/02 (2006.01)  
C07C 211/09 (2006.01)  
C08G 18/18 (2006.01)  
C08G 18/20 (2006.01)  
C08G 18/28 (2006.01)  
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(74) Houlihan<sup>2</sup> Pty Ltd
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(21) 2020310909 (22) 09.07.2020  
(54) Cross-media measurement device and method  
(51) Int. Cl.  
G06Q 30/00 (2012.01)  
G06Q 30/02 (2012.01)  
H04H 60/32 (2008.01)  
H04H 60/33 (2008.01)  
H04H 60/45 (2008.01)  
H04H 60/56 (2008.01)  
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(21) 2020298014 (22) 17.06.2020  
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(51) Int. Cl.  
C07D 401/12 (2006.01)  
A61K 31/4427 (2006.01)  
A61P 3/04 (2006.01)  
A61P 3/08 (2006.01)  
A61P 9/00 (2006.01)  
A61P 35/00 (2006.01)  
A61P 37/00 (2006.01)  
C07D 401/14 (2006.01)  
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(43) 24.12.2020  
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(74) AJ PARK
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(21) 2020325636 (22) 31.07.2020
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(51) Int. Cl.  
A61K 8/64 (2006.01)  
A61K 38/10 (2006.01)  
A61P 35/00 (2006.01)  
A61Q 19/02 (2006.01)  
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(74) Michael Buck IP
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(21) 2020315608 (22) 15.07.2020  
(54) Conveyor dishwasher for cleaning washware  
(51) Int. Cl.  
A47L 15/00 (2006.01)  
A47L 15/24 (2006.01)  
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(31) 10 2020 100 721.3 (32) 14.01.20 (33) DE  
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(74) Davies Collison Cave Pty Ltd
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(54) Whitening methods and compositions  
(51) Int. Cl.  
C04B 33/14 (2006.01)  
C04B 33/13 (2006.01)  
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(31) 62/878,208 (32) 24.07.19 (33) US  
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(74) FPA Patent Attorneys Pty Ltd
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- (71) InnovHeart S.r.l.  
(11) AU-A-2020316747  
(21) 2020316747 (22) 23.07.2020  
(54) Device for arranging guide wires around a heart valve  
(51) Int. Cl.  
A61F 2/24 (2006.01)  
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(31) 16/522,204 (32) 25.07.19 (33) US  
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(43) 28.01.2021  
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(74) FB Rice Pty Ltd
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(11) AU-A-2020319150  
(21) 2020319150 (22) 23.07.2020  
(54) Device for implanting a prosthesis for a heart valve and assembly procedure  
(51) Int. Cl.  
A61F 2/24 (2006.01)

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 102019000015653 05.09.19 IT  
**(43)** 28.01.2021  
**(72)** RIGHINI, Giovanni; TRINH, Cindy;  
 SHIN, Dong Ik; DENISON, Andy; MAG-  
 RINI, Kevin  
**(74)** FB Rice Pty Ltd
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- (71)** Insurance Services Office, Inc.  
**(11)** AU-A-2020306013  
**(21)** 2020306013 **(22)** 24.06.2020  
**(54)** Machine learning systems and methods  
 for improved localization of image for-  
 gery  
**(51)** Int. Cl.  
**G06T 7/136** ( 2017.01 )  
**G06T 7/174** ( 2017.01 )  
**G06T 7/35** ( 2017.01 )  
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**(43)** 30.12.2020  
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 Subbarao; ZHONG, Zheng  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Insure Firetec Limited  
**(11)** AU-A-2020292689  
**(21)** 2020292689 **(22)** 12.06.2020  
**(54)** A method and system for a connected  
 fire doorset system  
**(51)** Int. Cl.  
**E06B 5/10** ( 2006.01 )  
**E05F 1/00** ( 2006.01 )  
**G08B 29/18** ( 2006.01 )  
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**(31)** 1908454.0 **(32)** 12.06.19 **(33)** GB  
**(43)** 17.12.2020  
**(72)** Not Given  
**(74)** Argon IP Advisory Pty Ltd
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- (71)** Intas Pharmaceuticals Ltd.  
**(11)** AU-A-2020315214  
**(21)** 2020315214 **(22)** 16.07.2020  
**(54)** Pharmaceutical composition of temozo-  
 lomide.  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/495** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/12** ( 2006.01 )  
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**(31)** 201921028629 **(32)** 16.07.19 **(33)** IN  
**(43)** 21.01.2021  
**(72)** DESAI, Jwalant Vijaybhai; SAXENA,  
 Mayank; JAMLOKI, Ashutosh; NAIDU,  
 Venkataramana  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Integral Geometry Science Inc.  
**(11)** AU-A-2020323417  
**(21)** 2020323417 **(22)** 28.07.2020
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- (54)** Scattering tomography device and scat-  
 tering tomography method  
**(51)** Int. Cl.  
**G01N 22/00** ( 2006.01 )  
**G01N 22/02** ( 2006.01 )  
**(87)** WO2021/020387  
**(31)** 2019-142379 **(32)** 01.08.19 **(33)** JP  
**(43)** 04.02.2021  
**(72)** KIMURA, Kenjiro; KIMURA, Noriaki  
**(74)** Griffith Hack
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 Inc.  
**(11)** AU-A-2020309555  
**(21)** 2020309555 **(22)** 08.07.2020  
**(54)** High framerate and high dynamic range  
 electron microscopy  
**(51)** Int. Cl.  
**H01J 37/26** ( 2006.01 )  
**G01N 23/04** ( 2018.01 )  
**G02B 21/00** ( 2006.01 )  
**G02B 21/36** ( 2006.01 )  
**H01J 3/26** ( 2006.01 )  
**H01J 37/147** ( 2006.01 )  
**(87)** WO2021/007360  
**(31)** 62/872,645 **(32)** 10.07.19 **(33)** US  
**(43)** 14.01.2021  
**(72)** BLOOM, Ruth; PARK, Sang Tae;  
 REED, Bryan; MASIEL, Daniel  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2020313306  
**(21)** 2020313306 **(22)** 14.07.2020  
**(54)** Cooktop with downdraft extraction  
**(51)** Int. Cl.  
**F24C 15/20** ( 2006.01 )  
**(87)** WO2021/009173  
**(31)** 19187074.0 **(32)** 18.07.19 **(33)** EP  
**(43)** 21.01.2021  
**(72)** KOOMEN, Wouter; RAJAMANI, Dinesh  
 Raja  
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- (71)** InterDigital Patent Holdings, Inc.  
**(11)** AU-A-2020315323  
**(21)** 2020315323 **(22)** 13.07.2020  
**(54)** Methods for enabling multi-link WLANS  
**(51)** Int. Cl.  
**H04W 8/22** ( 2009.01 )  
**H04W 48/12** ( 2009.01 )  
**H04W 48/16** ( 2009.01 )  
**H04W 84/12** ( 2009.01 )  
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 Li-Hsiang; LEVY, Joseph S.  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2020324415  
**(21)** 2020324415 **(22)** 04.08.2020  
**(54)** Paper-specific moisture control in a  
 traveling paper web  
**(51)** Int. Cl.
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**B31F 1/36** ( 2006.01 )  
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**(43)** 11.02.2021  
**(72)** KOHLER, Herbert B.  
**(74)** Gorton IP
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**(11)** AU-A-2020316034  
**(21)** 2020316034 **(22)** 21.07.2020  
**(54)** Synthetic genetic elements for bioman-  
 ufacture  
**(51)** Int. Cl.  
**A61K 48/00** ( 2006.01 )  
**C07K 14/005** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )  
**C12N 15/86** ( 2006.01 )  
**C12N 15/861** ( 2006.01 )  
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**(74)** Spruson & Ferguson
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**(11)** AU-A-2020290672  
**(21)** 2020290672 **(22)** 11.06.2020  
**(54)** Novel spirobicyclic intermediates  
**(51)** Int. Cl.  
**C07D 307/94** ( 2006.01 )  
**A61K 31/343** ( 2006.01 )  
**A61K 31/357** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 473/34** ( 2006.01 )  
**C07D 493/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
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**(31)** 201911023295 **(32)** 12.06.19 **(33)** IN  
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**(43)** 17.12.2020  
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 LA, Marta; CHINTA, Nagaraju; HUL-  
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 cile Marguerite; MEERPOEL, Lieven;  
 NEOUCHY, Zeina; THURING, Jo-  
 hannes Wilhelmus John F.; VERNIEST,  
 Guido Alfons F.; WINNE, Johan Maurits  
**(74)** Spruson & Ferguson
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- (71)** Janssen Sciences Ireland Unlimited  
 Company  
**(11)** AU-A-2020295796  
**(21)** 2020295796 **(22)** 18.06.2020  
**(54)** Combination of hepatitis B virus (HBV)  
 vaccines and HBV-targeting mri  
**(51)** Int. Cl.  
**A61P 31/20** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )

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**C12N 15/113** ( 2010.01 )  
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**(43)** 24.12.2020  
**(72)** HORTON, Helen; DE CREUS, An Martine M; BERKE, Jan Martin  
**(74)** Spruson & Ferguson
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- (71)** Janssen Sciences Ireland Unlimited Company  
**(11)** AU-A-2020297011  
**(21)** 2020297011 **(22)** 18.06.2020  
**(54)** Arenavirus vectors for hepatitis B virus (HBV) vaccines and uses thereof  
**(51)** Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**A61P 31/20** ( 2006.01 )  
**(87)** WO2020/255023  
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**(43)** 24.12.2020  
**(72)** HORTON, Helen; BODEN, Daniel  
**(74)** Spruson & Ferguson
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- (71)** JGC Corporation  
**(11)** AU-A-2019469152  
**(21)** 2019469152 **(22)** 01.10.2019  
**(54)** Project management device, project management method, and recording medium  
**(51)** Int. Cl.  
**G06Q 10/10** ( 2012.01 )  
**G06F 30/10** ( 2020.01 )  
**G06Q 50/08** ( 2012.01 )  
**(87)** WO2021/064876  
**(43)** 08.04.2021  
**(72)** KOJIMA, Kazuyuki; OHARA, Hiroki; YU, Ming; OOSATO, Erio  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** John Bean Technologies Corporation  
**(11)** AU-A-2020332297  
**(21)** 2020332297 **(22)** 13.08.2020  
**(54)** X-ray automated calibration and monitoring  
**(51)** Int. Cl.  
**G01N 23/04** ( 2018.01 )  
**G01N 23/083** ( 2018.01 )  
**G01N 23/087** ( 2018.01 )  
**G01N 33/02** ( 2006.01 )  
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**(43)** 25.02.2021  
**(72)** GILL, Jeffrey C.; BUTT, Amer M.; TIMPERIO, Richard D.  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** John Bean Technologies Corporation  
**(11)** AU-A-2020333739  
**(21)** 2020333739 **(22)** 18.08.2020  
**(54)** X-ray unit technology modules and automated application training  
**(51)** Int. Cl.  
**G01V 5/00** ( 2006.01 )  
**(87)** WO2021/034829  
**(31)** 62/890,484 **(32)** 22.08.19 **(33)** US
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**(72)** GILL, Jeffrey C.; BUTT, Amer M.; TIMPERIO, Richard  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Johnson & Johnson Vision Care, Inc.  
**(11)** AU-A-2020293691  
**(21)** 2020293691 **(22)** 27.05.2020  
**(54)** Toric contact lens stabilization design based on thickness gradients orthogonal to eyelid margin  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**B29C 67/00** ( 2017.01 )  
**B29D 11/00** ( 2006.01 )  
**G02C 7/04** ( 2006.01 )  
**(87)** WO2020/250067  
**(31)** 16/441,314 **(32)** 14.06.19 **(33)** US  
**(43)** 17.12.2020  
**(72)** STRAKER, Benjamin  
**(74)** Spruson & Ferguson
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- (71)** Key Pharma Biomedical Inc.  
**(11)** AU-A-2020276233  
**(21)** 2020276233 **(22)** 12.05.2020  
**(54)** New kaurane analogues, their preparation and therapeutically uses  
**(51)** Int. Cl.  
**A61K 31/045** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**A61P 15/10** ( 2006.01 )  
**(87)** WO2020/231956  
**(31)** 62/846,760 **(32)** 13.05.19 **(33)** US  
**(43)** 19.11.2020  
**(72)** Not Given  
**(74)** Junhua Hu
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- (71)** Kimberly-Clark Worldwide, Inc.  
**(11)** AU-A-2019451938  
**(21)** 2019451938 **(22)** 17.06.2019  
**(54)** Soft and strong tissue product including regenerated cellulose fibers  
**(51)** Int. Cl.  
**D04H 1/28** ( 2012.01 )  
**D04H 1/4258** ( 2012.01 )  
**D21H 27/00** ( 2006.01 )  
**(87)** WO2020/256684  
**(43)** 24.12.2020  
**(72)** SHI, Bo; SHANNON, Thomas G.; THOMPSON, Brent M.; ZAWADZKI, Michael A.; LINDSAY, Stephen M.  
**(74)** Spruson & Ferguson
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- (71)** KNOW Bio, LLC  
**(11)** AU-A-2020325024  
**(21)** 2020325024 **(22)** 05.08.2020  
**(54)** Treatment of central nervous system disorders  
**(51)** Int. Cl.  
**A61N 5/06** ( 2006.01 )  
**A61N 5/00** ( 2006.01 )  
**A61N 5/08** ( 2006.01 )  
**(87)** WO2021/026218  
**(31)** 62/882,632 **(32)** 05.08.19 **(33)** US
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**(72)** VAN DE VEN, Antony; STASKO, Nathan; HUNTER, F. Neal; EMERSON, David; CUI CUI, Bao  
**(74)** Spruson & Ferguson
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- (71)** Kookmin University Industry Academy Cooperation Foundation  
**(11)** AU-A-2020291320  
**(21)** 2020291320 **(22)** 07.02.2020  
**(54)** Biochar manufacturing device using combustion and heat dissipation plate  
**(51)** Int. Cl.  
**C10B 57/02** ( 2006.01 )  
**C10B 3/02** ( 2006.01 )  
**C10B 27/00** ( 2006.01 )  
**C10B 47/00** ( 2006.01 )  
**C10L 5/44** ( 2006.01 )  
**F27B 9/30** ( 2006.01 )  
**F27B 9/39** ( 2006.01 )  
**(87)** WO2020/251132  
**(31)** 10-2019-0069630 **(32)** 12.06.19 **(33)** KR  
**(43)** 17.12.2020  
**(72)** SHIN, Dong Hoon  
**(74)** Spruson & Ferguson
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- (71)** Kookmin University Industry Academy Cooperation Foundation  
**(11)** AU-A-2020292047  
**(21)** 2020292047 **(22)** 07.02.2020  
**(54)** Combustion heat dissipating plate having recirculation region  
**(51)** Int. Cl.  
**F27D 99/00** ( 2010.01 )  
**F27D 17/00** ( 2006.01 )  
**(87)** WO2020/251133  
**(31)** 10-2019-0069631 **(32)** 12.06.19 **(33)** KR  
**(43)** 17.12.2020  
**(72)** SHIN, Dong Hoon  
**(74)** Spruson & Ferguson
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- (71)** Kraft Foods Schweiz Holding GmbH  
**(11)** AU-A-2020306441  
**(21)** 2020306441 **(22)** 15.06.2020  
**(54)** Print head and method for 3D printing and products obtained therefrom  
**(51)** Int. Cl.  
**B29C 64/118** ( 2017.01 )  
**B29C 64/209** ( 2017.01 )  
**B29C 64/245** ( 2017.01 )  
**B29C 64/321** ( 2017.01 )  
**B29C 64/364** ( 2017.01 )  
**B33Y 10/00** ( 2015.01 )  
**B33Y 30/00** ( 2015.01 )  
**B33Y 40/00** ( 2020.01 )  
**(87)** WO2020/260053  
**(31)** 1909235.2 **(32)** 27.06.19 **(33)** GB  
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**(72)** ELLWOOD, Rosie Jean; MCLEOD, Emma; HENSON, Cordel; DAMISETTY, Naveen; BERNS, Chris; HARTMAN, Stefan; JEZEQUEL, Alex  
**(74)** Griffith Hack
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- (71)** Laekna Limited  
**(11)** AU-A-2020327022  
**(21)** 2020327022 **(22)** 07.08.2020

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 (51) Int. Cl.  
**A61K 31/4155** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )
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 (43) 11.02.2021  
 (72) LU, Chris; ZHANG, Ruipeng; YU, Yong;  
 ZHANG, Minhua  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Lahti, F.  
 (11) AU-A-2020291350  
 (21) 2020291350 (22) 11.06.2020  
 (54) Wall-building element system and building element for use in the system  
 (51) Int. Cl.  
**E04C 2/30** ( 2006.01 )  
**E04B 2/02** ( 2006.01 )  
**E04B 2/56** ( 2006.01 )  
**E04C 2/20** ( 2006.01 )  
**E04C 2/22** ( 2006.01 )  
**E04B 1/12** ( 2006.01 )  
**E04B 1/343** ( 2006.01 )  
**E04B 1/58** ( 2006.01 )  
**E04B 1/62** ( 2006.01 )  
**E04B 1/76** ( 2006.01 )  
**E04C 2/10** ( 2006.01 )
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 (31) 20190719 (32) 12.06.19 (33) NO  
 (43) 17.12.2020  
 (72) LAHTI, Frank Cato  
 (74) Ellis Terry
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- (71) Laitram, L.L.C.  
 (11) AU-A-2020318458  
 (21) 2020318458 (22) 15.07.2020  
 (54) Multi-piece conveyor component including hygienic connection  
 (51) Int. Cl.  
**B65G 45/20** ( 2006.01 )  
**B08B 1/00** ( 2006.01 )  
**B08B 1/02** ( 2006.01 )  
**F16B 5/02** ( 2006.01 )  
**F16B 43/00** ( 2006.01 )
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 (31) 62/876,344 (32) 19.07.19 (33) US  
 (43) 28.01.2021  
 (72) DEGROOT, Michael Hendrik; MOHAN, Jake A.; MARSMAN, Paul  
 (74) Spruson & Ferguson
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- (71) Landis+Gyr AG  
 (11) AU-A-2020309762  
 (21) 2020309762 (22) 09.07.2020  
 (54) Anti-tamper device, enclosure for a utility meter and same  
 (51) Int. Cl.  
**G01R 11/24** ( 2006.01 )  
**G01R 22/06** ( 2006.01 )  
**G09F 3/03** ( 2006.01 )  
**G01R 1/04** ( 2006.01 )  
**G01R 11/04** ( 2006.01 )
- (87) WO2021/005136
- (31) 19386032.7 (32) 11.07.19 (33) EP  
 (43) 14.01.2021  
 (72) TANWANI, Nikhil; RATHORE, Bahadur Singh; SYFALAKIS, Panos  
 (74) Integrated IP
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- (71) Les Laboratoires Servier; Vernalis (R&D) Limited  
 (11) AU-A-2020319652  
 (21) 2020319652 (22) 28.07.2020  
 (54) 6,7-dihydro-5H-pyrido[2,3-c]pyridazine derivatives and related compounds as Bcl-xL protein inhibitors and pro-apoptotic agents for treating cancer  
 (51) Int. Cl.  
**C07D 417/14** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/428** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/4709** ( 2006.01 )  
**A61K 31/5025** ( 2006.01 )  
**A61K 31/538** ( 2006.01 )  
**A61K 31/55** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )
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 (31) 19188749.6 (32) 29.07.19 (33) EP  
 (43) 04.02.2021  
 (72) NOVAK, Tibor; DAVIDSON, James Edward Paul; PACZAL, Attila; STARCK, Jérôme-Benoit; KOTSCHY, András; MURRAY, James Brooke; BEDFORD, Simon; CHANRION, Maïa; COLLAND, Frédéric; DODSWORTH, Mark Philip; HERNER, András; MARAGNO, Ana Leticia; SANDERS, Emma; TIMÁRI, Mátyás Pál; WEBB, Paul  
 (74) Allens Patent & Trade Mark Attorneys
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- (71) Les Laboratoires Servier; Vernalis (R&D) Limited  
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 (21) 2020322072 (22) 28.07.2020  
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 (51) Int. Cl.  
**C07D 417/12** ( 2006.01 )  
**A61K 31/428** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )
- (87) WO2021/018857  
 (31) 19188747.0 (32) 29.07.19 (33) EP  
 (43) 04.02.2021  
 (72) DAVIDSON, James Edward Paul; NOVÁK, Tibor; PACZAL, Attila; KOTSCHY, András; STARCK, Jérôme-Benoit; MURRAY, James Brooke; BEDFORD, Simon; CHANRION, Maïa; COLLAND, Frédéric; DESOS, Patrice; DODSWORTH, Mark Philip; DUNKEL, Petra; HERNER, András; MADARÁSZ, Zoltán; MARAGNO, Ana Leticia;
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 (74) Allens Patent & Trade Mark Attorneys
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 (11) AU-A-2020290835  
 (21) 2020290835 (22) 10.06.2020  
 (54) Image decoding method for deriving weight index information for bi-prediction, and device for same  
 (51) Int. Cl.  
**H04N 19/573** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
**H04N 19/109** ( 2014.01 )  
**H04N 19/132** ( 2014.01 )  
**H04N 19/137** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/527** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )
- (87) WO2020/251259  
 (31) 62/861,989 (32) 14.06.19 (33) US  
 (43) 17.12.2020  
 (72) PARK, Naeri; NAM, Junghak; JANG, Hyeongmoon  
 (74) Dentons Patent Attorneys Australasia Limited
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 (11) AU-A-2020292097  
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 (54) Method and device for image coding using motion vector differences  
 (51) Int. Cl.  
**H04N 19/573** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
**H04N 19/109** ( 2014.01 )  
**H04N 19/132** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/513** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )
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 (74) Dentons Patent Attorneys Australasia Limited
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 (11) AU-A-2020293843  
 (21) 2020293843 (22) 10.06.2020  
 (54) Image decoding method and device for deriving weight index information for generation of prediction sample  
 (51) Int. Cl.  
**H04N 19/527** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
**H04N 19/109** ( 2014.01 )  
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**H04N 19/137** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )
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(21) 2020362573 (22) 04.09.2020  
(54) Blender  
(51) Int. Cl.  
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A47J 43/046 ( 2006.01 )
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(74) Dentons Patent Attorneys Australasia Limited
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(11) AU-A-2020456793  
(21) 2020456793 (22) 02.12.2020  
(54) Battery module comprising heat dissipating member, and method for manufacturing heat dissipating member  
(51) Int. Cl.  
H01M 10/6556 ( 2014.01 )  
A62C 3/16 ( 2006.01 )  
B29C 45/14 ( 2006.01 )  
H01M 10/613 ( 2014.01 )  
H01M 10/647 ( 2014.01 )  
H01M 10/6567 ( 2014.01 )  
H01M 50/20 ( 2021.01 )
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(74) FB Rice Pty Ltd
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(21) 2021289110 (22) 16.03.2021  
(54) Assembly type battery pack for ESS  
(51) Int. Cl.  
H01M 50/20 ( 2021.01 )  
H01M 50/116 ( 2021.01 )  
H01M 50/124 ( 2021.01 )  
H01M 50/502 ( 2021.01 )
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(72) SHIN, Jung-II  
(74) FB Rice Pty Ltd
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(21) 2020311396 (22) 09.07.2020  
(54) Two-stage lock assembly  
(51) Int. Cl.  
A47B 3/08 ( 2006.01 )  
A47B 3/083 ( 2006.01 )  
A47B 3/087 ( 2006.01 )
- (43) 17.12.2020  
(72) PARK, Naeri; NAM, Junghak; JANG, Hyeongmoon  
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(21) 2020329942 (22) 12.08.2020  
(54) Microbe-based compositions for restoring soil health and controlling pests  
(51) Int. Cl.  
C05F 11/00 ( 2006.01 )  
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C12N 1/00 ( 2006.01 )
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- (43) 18.02.2021  
(72) FARMER, Sean; ALIBEK, Ken  
(74) Cotters Patent & Trade Mark Attorneys
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(11) AU-A-2020295714  
(21) 2020295714 (22) 19.06.2020  
(54) Process and system for conveying fruit and vegetables with an oriented stalk  
(51) Int. Cl.  
B65G 17/24 ( 2006.01 )  
B65G 47/24 ( 2006.01 )  
B65G 47/244 ( 2006.01 )
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(31) FR 1906611 (32) 19.06.19 (33) FR  
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(72) BLANC, Philippe  
(74) Halfords IP
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(21) 2020296016 (22) 17.06.2020  
(54) Assays and methods for detection of nucleic acids  
(51) Int. Cl.  
B01L 3/00 ( 2006.01 )  
B01L 7/00 ( 2006.01 )
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(31) 62/863,178 (32) 18.06.19 (33) US  
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(74) FB Rice Pty Ltd
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(51) Int. Cl.  
F41J 2/02 ( 2006.01 )
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(31) 2019903041 (32) 21.08.19 (33) AU  
(43) 25.02.2021  
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(74) Adams Pluck
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- (71) MasterCard International Incorporated  
(11) AU-A-2020314384  
(21) 2020314384 (22) 10.06.2020  
(54) Systems for use in binding internet of things devices with identities  
(51) Int. Cl.  
G06F 21/31 ( 2013.01 )  
G06Q 20/40 ( 2012.01 )  
G16Y 40/50 ( 2020.01 )
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(31) 16/513,552 (32) 16.07.19 (33) US  
(43) 21.01.2021  
(72) MALHOTRA, Sandeep; MAHESH-WARI, Rajat; SHARMA, Prashant  
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2020311392  
(21) 2020311392 (22) 09.07.2020  
(54) Augmented reality assisted joint arthroplasty  
(51) Int. Cl.  
A61B 90/00 ( 2016.01 )  
A61B 90/50 ( 2016.01 )
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(74) Spruson & Ferguson
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(11) AU-A-2020316949  
(21) 2020316949 (22) 23.07.2020  
(54) Motor-driven medical suction pump  
(51) Int. Cl.  
A61M 1/00 ( 2006.01 )  
A61M 1/06 ( 2006.01 )
- (87) WO2021/013959  
(31) 19188341.2 (32) 25.07.19 (33) EP  
(43) 28.01.2021  
(72) WALTER, Andreas; MARBET, Regina  
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(21) 2020289975 (22) 10.06.2020  
(54) Screw inserter instruments and methods  
(51) Int. Cl.  
A61B 17/70 ( 2006.01 )

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**(43)** 17.12.2020  
**(72)** BIESTER, Eric; MURRAY, James; MORENO, Daniel; PAVENTO, Nicholas; RODRIGUEZ, Joshua; SMITH, Keanan R.  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2020292563  
**(21)** 2020292563 **(22)** 03.06.2020  
**(54)** Instruments for delivering bone cement to a bone screw  
**(51)** Int. Cl.  
**A61B 17/86** ( 2006.01 )  
**A61B 17/70** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
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**(31)** 16/439,977 **(32)** 13.06.19 **(33)** US  
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**(72)** EMIL, Cory; FOURNIER, Richard W.; BIESTER, Eric; WASSERBAUER, Ellen E.  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2020292972  
**(21)** 2020292972 **(22)** 10.06.2020  
**(54)** Screw inserter instruments  
**(51)** Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )  
**A61B 17/88** ( 2006.01 )  
**(87)** WO2020/249588  
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**(11)** AU-A-2020293549  
**(21)** 2020293549 **(22)** 03.06.2020  
**(54)** Biomaterial delivery device and related systems  
**(51)** Int. Cl.  
**A61B 17/88** ( 2006.01 )  
**A61B 17/02** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
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**(43)** 17.12.2020  
**(72)** MURRAY, James; HAWKINS, John Riley; CLEVELAND, Benjamin; MC-DERMOTT, Alicia; LOMELI, Roman; DIESELMAN, John; BORNHOFT, Stephen; RAMSAY, Christopher; PAVENTO, Nicholas; KLETT, Jan; GULLY, Stephane; BUEHLMANN, Eric; GAMACHE, Thomas; BERGER, Roger  
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- (71)** Menarini Biomarkers Singapore Pte Ltd  
**(11)** AU-A-2020315211  
**(21)** 2020315211 **(22)** 14.07.2020  
**(54)** Compositions and methods for isolating, detecting, and analyzing fetal cells  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2021/009682  
**(31)** 62/874,306 **(32)** 15.07.19 **(33)** US  
**(43)** 21.01.2021  
**(72)** CASTAGNOLI, Paola; DOFFINI, Anna; TSAO, Wen-Shan  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** MicroSintesis Inc.  
**(11)** AU-A-2020299061  
**(21)** 2020299061 **(22)** 02.07.2020  
**(54)** Quorum-sensing inhibitors and/or post-biotic metabolites and related methods  
**(51)** Int. Cl.  
**A61K 38/10** ( 2006.01 )  
**A61K 31/546** ( 2006.01 )  
**A61K 35/74** ( 2015.01 )  
**A61K 38/08** ( 2019.01 )  
**A61P 31/04** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**(87)** WO2021/000046  
**(31)** 62/869,681 **(32)** 02.07.19 **(33)** US  
**(43)** 07.01.2021  
**(72)** CELLA, Monica Angela  
**(74)** AJ PARK
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- (71)** Mnemo Therapeutics; Institut Curie; Inserm (Institut National de La Santé Et de La Recherche Médicale)  
**(11)** AU-A-2020318781  
**(21)** 2020318781 **(22)** 23.07.2020  
**(54)** Immune cells defective for SUV39H1  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2021/013950  
**(31)** 62/877,789 **(32)** 23.07.19 **(33)** US  
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**(43)** 28.01.2021  
**(72)** AMIGORENA, Sebastian; SAIKAKIS, Michael; LOPEZ-COBO, Sheila; FUENTEALBA, Jaime Rodrigo  
**(74)** Spruson & Ferguson
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**(11)** AU-A-2020314461  
**(21)** 2020314461 **(22)** 06.07.2020  
**(54)** Novel intergenic sequence regions and uses thereof  
**(51)** Int. Cl.  
**C12N 15/87** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**A01H 9/00** ( 2006.01 )  
**C07H 21/04** ( 2006.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )
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**(31)** 62/875,752 **(32)** 18.07.19 **(33)** US  
**(43)** 21.01.2021  
**(72)** DAVIS, Ian W.  
**(74)** Griffith Hack
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**(11)** AU-A-2020314454  
**(21)** 2020314454 **(22)** 01.07.2020  
**(54)** Providing a contiguous virtual space for a plurality of display devices  
**(51)** Int. Cl.  
**G06F 3/14** ( 2006.01 )  
**G09G 5/14** ( 2006.01 )  
**H04N 9/31** ( 2006.01 )  
**(87)** WO2021/011193  
**(31)** 16/512,214 **(32)** 15.07.19 **(33)** US  
**(43)** 21.01.2021  
**(72)** KAMINSKI, Kurt; RAGAN, Matthew  
**(74)** FB Rice Pty Ltd
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- (71)** MTD Products Inc  
**(11)** AU-A-2020311960  
**(21)** 2020311960 **(22)** 13.07.2020  
**(54)** Solid state LiDAR machine vision for power equipment device  
**(51)** Int. Cl.  
**G01S 7/481** ( 2006.01 )  
**G01S 17/04** ( 2020.01 )  
**G01S 17/08** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )  
**(87)** WO2021/007577  
**(31)** 16/509,097 **(32)** 11.07.19 **(33)** US  
**(43)** 14.01.2021  
**(72)** HART, Charles; KUCERA, Jeff  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Naim, O.  
**(11)** AU-A-2020313431  
**(21)** 2020313431 **(22)** 12.07.2020  
**(54)** A vacuum chamber system  
**(51)** Int. Cl.  
**A23B 9/20** ( 2006.01 )  
**B65B 31/02** ( 2006.01 )  
**(87)** WO2021/009749  
**(31)** 268079 **(32)** 15.07.19 **(33)** IL  
**(43)** 21.01.2021  
**(72)** NAIM, Oren  
**(74)** Pipers Intellectual Property
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**(11)** AU-A-2020310921  
**(21)** 2020310921 **(22)** 10.07.2020  
**(54)** Compounds useful to treat influenza virus infections  
**(51)** Int. Cl.  
**A61K 31/635** ( 2006.01 )  
**A61K 31/7048** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**(87)** WO2021/007506  
**(31)** 62/872,998 **(32)** 11.07.19 **(33)** US  
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**(72)** YANG, Jinfu; HAO, Xiaolin  
**(74)** Davies Collison Cave Pty Ltd

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**(21)** 2020327715 **(22)** 12.08.2020  
**(54)** A system for denoising motion artifact signals and method thereof  
**(51)** Int. Cl.  
**A61B 5/021** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/026** ( 2006.01 )  
**A61B 5/08** ( 2006.01 )  
**(87)** WO2021/028915  
**(31)** 62/885,825 **(32)** 13.08.19 **(33)** US  
**(43)** 18.02.2021  
**(72)** MOSKOVICH, Daniel David; STEINBERG, Yochanan; WEIZMAN, Lior  
**(74)** IP Guardian
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**(11)** AU-A-2020315738  
**(21)** 2020315738 **(22)** 09.07.2020  
**(54)** Real-time neural spike detection  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**G06F 9/00** ( 2006.01 )  
**G06N 3/00** ( 2006.01 )  
**(87)** WO2021/011296  
**(31)** 62/873,625 **(32)** 12.07.19 **(33)** US  
**(43)** 21.01.2021  
**(72)** KOH, Thong-Wei; MEROLLA, Paul A.; PINTO, Sonal; SEO, Dongjin  
**(74)** WRAYS PTY LTD
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- (71) New York University  
**(11)** AU-A-2020309538  
**(21)** 2020309538 **(22)** 08.07.2020  
**(54)** Tumor immunotherapy using Sindbis viral vectors and agonist monoclonal antibodies  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/007276  
**(31)** 62/871,675 **(32)** 08.07.19 **(33)** US  
**(43)** 14.01.2021  
**(72)** MERUELO, Daniel; SCHERWITZL, Iris; OPP, Silvana; YU, Minjun; HURTADO-MARTINEZ, Alicia; PAMPENO, Christine  
**(74)** Spruson & Ferguson
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- (71) Nihon Nohyaku Co., Ltd.  
**(11)** AU-A-2020330792  
**(21)** 2020330792 **(22)** 06.08.2020  
**(54)** Oxazepinone derivative, insecticide for agricultural and horticultural use containing said derivative, and method for using same  
**(51)** Int. Cl.  
**A01M 1/20** ( 2006.01 )  
**A01N 43/72** ( 2006.01 )  
**A01P 5/00** ( 2006.01 )  
**A01P 7/02** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**C07B 61/00** ( 2006.01 )  
**C07D 498/14** ( 2006.01 )
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**(21)** 2020327715 **(22)** 12.08.2020  
**(54)** A system for denoising motion artifact signals and method thereof  
**(51)** Int. Cl.  
**A61B 5/021** ( 2006.01 )  
**A61B 5/024** ( 2006.01 )  
**A61B 5/026** ( 2006.01 )  
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**(72)** MOSKOVICH, Daniel David; STEINBERG, Yochanan; WEIZMAN, Lior  
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**(11)** AU-A-2020317503  
**(21)** 2020317503 **(22)** 17.07.2020  
**(54)** Method for producing phenol derivative  
**(51)** Int. Cl.  
**C07D 471/08** ( 2006.01 )  
**(87)** WO2021/015109  
**(31)** 2019-134083 **(32)** 19.07.19 **(33)** JP  
**(43)** 28.01.2021  
**(72)** HIROSE Masaaki  
**(74)** Griffith Hack
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**(11)** AU-A-2020318159  
**(21)** 2020318159 **(22)** 17.07.2020  
**(54)** Method for producing morphinan derivative  
**(51)** Int. Cl.  
**C07D 35/02** ( 2006.01 )  
**C07D 471/08** ( 2006.01 )  
**(87)** WO2021/015108  
**(31)** 2019-134051 **(32)** 19.07.19 **(33)** JP  
**(43)** 28.01.2021  
**(72)** SAITO Daisuke; HAYASHIDA Kohei  
**(74)** Griffith Hack
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 C02F 1/00 ( 2006.01 )  
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2019457097	Fischer, S.; Wilke, T.; Mohr, B.	2020297034	Datum Biotech Ltd.
2019457782	Nippon Telegraph and Telephone Corporation	2020297252	Protix B.V.
2019459025	Huntsman Petrochemical LLC	2020297346	ASSIA SPE, LLC
2019462265	Sandvik Mining and Construction Oy	2020297586	Synlogic Operating Company, Inc.; Ginkgo Bioworks, Inc.
2019469152	JGC Corporation	2020298014	Idorsia Pharmaceuticals Ltd
2019469487	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shizhen Information Technology Co., Ltd.	2020298238	Biomarin Pharmaceutical Inc.
2019472983	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020298254	De Luca Oven Technologies, LLC
2020224164	Candel Therapeutics, Inc.	2020298549	Children's Medical Center Corporation
2020276233	Key Pharma Biomedical Inc.	2020298571	The Regents of the University of California
2020281288	AutoCoding Systems Ltd	2020298633	W.C. Bradley Co.
2020282983	Abiomed, Inc.; Northeastern University	2020298675	Rheinmetall Waffe Munition GmbH
2020283518	Abiomed, Inc.	2020298872	Compaction Technology (Proprietary) Limited
2020284273	Cortical Dynamics Limited	2020299061	MicroSintesis Inc.
2020288860	Betolar Oy	2020299379	Ecolab USA Inc.
2020289602	Draslovka Services Pty Ltd	2020300527	Valitor, Inc.
2020289975	Medos International Sarl	2020300838	Seyo Limited
2020290081	Atlas Copco Airpower, naamloze vennootschap	2020301115	Hangzhou DAC Biotech Co., Ltd
2020290580	Soundtrack Outdoors, LLC	2020301135	Atrium Medical Corporation
2020290672	Janssen Pharmaceutica NV	2020301413	Children's Hospital Los Angeles; The Regents of The University of California
2020290835	LG Electronics Inc.	2020301577	Paris Sciences et Lettres; Centre National de la Recherche Scientifique (CNRS); Sorbonne Universite; Universite de Paris
2020291144	Nunhems B.V.	2020301632	BIOS Health Ltd.
2020291320	Kookmin University Industry Academy Cooperation Foundation	2020301838	Université de Montréal
2020291350	Lahti, F.	2020302112	PRC-DeSoto International, Inc.
2020291457	The Regents of the University of California; University of Southern California	2020302230	Viatemis SAS
2020291469	Cidara Therapeutics, Inc.	2020302276	Revive Innovations + Ltd
2020291784	Chr. Hansen HMO GmbH	2020302378	Greentech Global Pte. Ltd.
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2020291940	Cidara Therapeutics, Inc.	2020303972	Cerus Corporation
2020291943	Collidion, Inc.	2020304050	USA Industries, Inc
2020292047	Kookmin University Industry Academy Cooperation Foundation	2020304659	The Regents of the University of California
2020292097	LG Electronics Inc.	2020304701	Université de Genève
2020292563	Medos International Sarl	2020306013	Insurance Services Office, Inc.
2020292689	Insure Firetec Limited	2020306049	Semma Therapeutics, Inc.
2020292812	The University of Melbourne	2020306441	Kraft Foods Schweiz Holding GmbH
2020292972	Medos International Sarl	2020306598	University of Ulster
2020292995	The Green Dairy Sweden Holding Aktiebolag	2020307032	Scan Coin AB
2020293275	The Administrators of the Tulane Educational Fund; Escarra, M.; Artzt, L.; Yaping, J.; Codd, D.; Barrios, M.; Islam, K.; Bar-Or, D.; Failla, J.; Davis, C.; Woody, M.	2020307520	Talga Technologies Limited
2020293549	Medos International Sarl	2020307538	The Regents of the University of California
2020293632	PGS Geophysical AS	2020307678	Universidade Do Minho
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2020293843	LG Electronics Inc.	2020308017	Cytokinetics, Inc.
2020294800	Arizona Board of Regents on behalf of Arizona State University	2020308430	Cerus Corporation
2020295002	Fisher & Paykel Appliances Limited	2020308562	Align Technology, Inc.
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2020295408	Ojjo, Inc.	2020309130	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.
2020295570	Tarsus Pharmaceuticals, Inc.	2020309443	Samsung Electronics Co., Ltd.
2020295714	MAF Agrobotic	2020309458	Public Joint Stock Company "Mining And Metallurgical Company "Norilsk Nickel"; Joint Stock Company "Kola GMK"
2020295796	Janssen Sciences Ireland Unlimited Company	2020309525	Zebra Technologies Corporation
2020296016	Mammoth Biosciences, Inc.	2020309538	New York University
2020296048	Gan & Lee Pharmaceuticals Co., Ltd.	2020309551	BioPlx, Inc.
2020296267	Red Bull GmbH	2020309555	Integrated Dynamic Electron Solutions, Inc.
2020296304	Haldor Topsøe A/S	2020309580	University of Virginia Patent Foundation
2020296305	Haldor Topsøe A/S	2020309762	Landis+Gyr AG
2020296326	Amoros, M.	2020309862	Sumitomo Electric Industries, Ltd.
2020296350	Total Grow LLC	2020310108	ServiceNow, Inc.
2020296475	Elastotec Pty Limited	2020310205	Spraying Systems Co.; Technip Process Technology, Inc.

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2020310536	Dentsply Sirona Inc.; Sirona Dental Systems GmbH	2020318159	Nippon Chemipharm Co., Ltd.
2020310565	Spindeco Technologies Oy	2020318458	Laitram, L.L.C.
2020310882	Synchrony Bank	2020318666	Simon Williams Pharma Consulting LLC
2020310909	HyphaMetrics, Inc.	2020318781	Mnemo Therapeutics; Institut Curie; Inserm (Institut National de La Santé Et de La Recherche Médicale)
2020310921	Nanjing Zhengxiang Pharmaceuticals Co., Ltd.	2020319015	Chevron U.S.A. Inc.
2020310941	Focus Force Pty Ltd	2020319020	Fitt S.p.A.
2020310951	Alter Biota Inc.	2020319150	InnovHeart S.r.l.
2020311005	ACS Facades Holdings Limited	2020319629	Align Technology, Inc.
2020311022	Aerofoil Energy Limited	2020319652	Les Laboratoires Servier; Vernalis (R&D) Limited
2020311175	Daikin Industries, Ltd.	2020319893	Dolby Laboratories Licensing Corporation
2020311392	Materialise N.V.	2020319910	Enphase Energy, Inc.
2020311396	Lifetime Products, Inc.	2020320109	Precision Planting LLC
2020311834	WestRock Packaging Systems, LLC	2020321035	University of South Carolina
2020311960	MTD Products Inc	2020321608	Hitachi Energy Switzerland AG
2020312719	Russell, J.	2020322021	Pairwise Plants Services, Inc.
2020312760	Peikko Group Oy	2020322072	Les Laboratoires Servier; Vernalis (R&D) Limited
2020313143	Peking University	2020322099	Signus Medizintechnik GmbH
2020313306	Intell Properties B.V.	2020322459	Advanced Dressings, LLC
2020313392	Secure Ground Solutions Ltd	2020322690	Daikin Industries, Ltd.
2020313393	BAE Systems PLC	2020323253	Daikin Industries, Ltd.
2020313431	Naim, O.	2020323417	Integral Geometry Science Inc.
2020313751	Adel, Inc.	2020323522	Google LLC
2020313961	CNH Industrial Canada, Ltd.	2020323944	Bostik, Inc.
2020314086	Aouadi, M.; Azzimato, V.	2020323966	Clearvue Technologies Ltd
2020314346	South China University of Technology	2020324363	The Sherwin-Williams Company
2020314384	MasterCard International Incorporated	2020324387	Abbott Diabetes Care Inc.
2020314454	MSG Entertainment Group, LLC.	2020324415	Intro, LLC
2020314461	Monsanto Technology LLC	2020325024	KNOW Bio, LLC
2020314639	Vision Ease, LP	2020325636	IDP Discovery Pharma, S.L.
2020314690	Chemetall GmbH	2020325726	Vicente Miralles, R.; Fundación Universitat Miguel Hernández de la Comunitat Valenciana
2020314717	Firestone Industrial Products Company, LLC	2020326271	F. Smit Holding B.V.
2020314718	Firestone Industrial Products Company, LLC	2020326720	Axia Acquisition Corporation
2020314779	Compagnie Generale des Etablissements Michelin	2020327022	Laekna Limited
2020314851	Washington University	2020327344	Shandong University; State Grid Shanghai Municipal Electric Power Company; East China Electric Power Test Research Institute Co., Ltd.
2020314971	ENB Therapeutics, Inc.	2020327715	Neteera Technologies Ltd.
2020315051	Constantia Teich GmbH	2020328486	Howmedica Osteonics Corp.
2020315188	Summit (Oxford) Limited	2020329942	Locus Agriculture IP Company, LLC
2020315209	Chevron U.S.A. Inc.	2020330701	F. Hoffmann-La Roche AG
2020315211	Menarini Biomarkers Singapore Pte Ltd	2020330792	Nihon Nohyaku Co., Ltd.
2020315214	Intas Pharmaceuticals Ltd.	2020331903	Boston Scientific Scimed, Inc.
2020315282	Proviva Therapeutics (Hong Kong) Limited	2020332008	Marathon Robotics Pty Ltd
2020315323	InterDigital Patent Holdings, Inc.	2020332272	Belmont Instrument, LLC
2020315338	Huntsman Petrochemical LLC	2020332297	John Bean Technologies Corporation
2020315398	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.	2020332356	Victaulic Company
2020315419	CNH Industrial Canada, Ltd.	2020333739	John Bean Technologies Corporation
2020315420	CNH Industrial Canada, Ltd.	2020334237	Universität Basel
2020315516	Eldec Corporation	2020334770	SiNtx Technologies, Inc.
2020315572	Applied Tissue Technologies LLC	2020334920	Boston Scientific Scimed, Inc.
2020315580	Sangamo Therapeutics, Inc.	2020334981	Blue River Technology Inc.
2020315593	Spraying Systems Co.	2020337009	Ocupeye Limited
2020315599	Yale University	2020337166	Weatherford Technology Holdings, LLC
2020315608	Illinois Tool Works Inc.	2020337596	HEM Pharma Inc.
2020315673	Celltrion, Inc.	2020339853	PGH Bricks & Pavers Pty Ltd
2020315738	Neuralink Corp.	2020340241	Simply Paws Design, LLC
2020315758	Donaghys Limited	2020341224	Samsung Electronics Co., Ltd.
2020315774	The Trustees of Indiana University	2020345623	Green Manufacturing, Inc.
2020315882	Sports Data Labs, Inc.	2020347056	Dropbox, Inc.
2020316004	Alydia Health, Inc.	2020354499	Société des Produits Nestlé S.A.
2020316034	Janssen Biotech, Inc.	2020354589	Nokia Technologies Oy
2020316449	Stealth BioTherapeutics Inc.	2020356795	Southeast University
2020316747	InnovHeart S.r.l.	2020357554	Dropbox, Inc.
2020316949	Medela Holding AG	2020360036	Electrolux Appliances Aktiebolag
2020317008	Defender Screens International LLC	2020362573	LG Electronics Inc.
2020317059	Gittens Pty Ltd	2020423757	Duvoisin, C.A.; Cavalcanti, S.C.; Scherer, P.J.; Garbe, E.A.; Duvoisin, C.V.
2020317373	ILUKA Resources Limited	2020424232	Henan Agricultural University
2020317381	Repare Therapeutics Inc.	2020434788	Rante Corporation
2020317503	Nippon Chemipharm Co., Ltd.		
2020317524	BASF SE		
2020317879	D-Orbit S.p.A.		
2020317998	4JET microtech GmbH		

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

**2020451352** Sekisui House, Ltd.  
**2020451353** Sekisui House, Ltd.  
**2020456793** LG Energy Solution, Ltd.  
**2020458210** China Electric Power Research Institute Company Limited  
**2021202643** AstraZeneca AB  
**2021289110** LG Energy Solution, Ltd.  
**2021290427** SenseTime International Pte. Ltd.  
**2021290428** SenseTime International Pte. Ltd.  
**2021290429** SenseTime International Pte. Ltd.  
**2021290431** SenseTime International Pte. Ltd.  
**2021290432** SenseTime International Pte. Ltd.  
**2021290433** SenseTime International Pte. Ltd.  
**2021290434** SenseTime International Pte. Ltd.  
**2021290435** SenseTime International Pte. Ltd.  
**2021290436** SenseTime International Pte. Ltd.  
**2021290437** SenseTime International Pte. Ltd.

IPC Index

<b><u>A01C 23 /-</u></b>	2020291943	<b><u>A23L 3 /-</u></b>	<b><u>A61B 18 /-</u></b>	2020310921	<b><u>A61K 48 /-</u></b>
2020289602	<b><u>A01N 63 /-</u></b>	2020296267	2020334920	2020314086	2020224164
<b><u>A01C 7 /-</u></b>	2020309551	<b><u>A23P 10 /-</u></b>	<b><u>A61B 3 /-</u></b>	2020314971	2020313143
2020320109	<b><u>A01P 3 /-</u></b>	2020314346	2020337009	2020315214	2020316034
<b><u>A01D 89 /-</u></b>	2020424232	<b><u>A47B 3 /-</u></b>	<b><u>A61B 46 /-</u></b>	2020315758	<b><u>A61K 8 /-</u></b>
2020313961	<b><u>A01P 5 /-</u></b>	2020311396	2020319629	2020316449	2020325636
2020315419	2020330792	<b><u>A47B 9 /-</u></b>	<b><u>A61B 5 /-</u></b>	2020317381	<b><u>A61K 9 /-</u></b>
2020315420	<b><u>A01P 7 /-</u></b>	2020311396	2020284273	2020319652	2020295570
<b><u>A01F 15 /-</u></b>	2020330792	<b><u>A47C 15 /-</u></b>	2020308562	2020322072	2020300527
2020313961	<b><u>A01P 7 /-</u></b>	2020326271	2020309580	2020327022	2020301115
2020315419	<b><u>A21B 1 /-</u></b>	2020326271	2020315738	2021202643	2020301838
2020315420	2020298254	<b><u>A47C 3 /-</u></b>	2020315882	<b><u>A61K 33 /-</u></b>	2020315214
<b><u>A01F 25 /-</u></b>	<b><u>A21B 3 /-</u></b>	2020326271	2020316004	2020315758	2020315599
2020311175	2020298254	<b><u>A47C 5 /-</u></b>	2020319629	2020224164	2020315758
<b><u>A01G 23 /-</u></b>	<b><u>A23B 7 /-</u></b>	2020326271	2020324387	2020291457	2020321035
2020345623	2020311175	<b><u>A47F 3 /-</u></b>	2020327715	2020297586	<b><u>A61L 15 /-</u></b>
<b><u>A01H 1 /-</u></b>	<b><u>A23B 9 /-</u></b>	2020311022	<b><u>A61B 90 /-</u></b>	2020299061	2020322459
2020322021	2020313431	<b><u>A47G 5 /-</u></b>	2020311392	2020301413	<b><u>A61L 2 /-</u></b>
<b><u>A01H 5 /-</u></b>	<b><u>A23C 3 /-</u></b>	2020317008	2020331903	2020301838	2020291943
2020291144	2020296267	<b><u>A47J 33 /-</u></b>	<b><u>A61C 1 /-</u></b>	2020306049	2020299379
2020314461	<b><u>A23C 9 /-</u></b>	2020298633	2020310536	2020309551	<b><u>A61L 27 /-</u></b>
2020322021	2020354499	<b><u>A47J 37 /-</u></b>	<b><u>A61C 9 /-</u></b>	2020315599	2020297034
<b><u>A01H 6 /-</u></b>	<b><u>A23G 1 /-</u></b>	2020298633	2020308562	2020315599	2020334770
2020291144	2020354499	<b><u>A47J 43 /-</u></b>	2020319629	2020299061	<b><u>A61M 1 /-</u></b>
<b><u>A01H 9 /-</u></b>	<b><u>A23K 10 /-</u></b>	2020362573	<b><u>A61F 13 /-</u></b>	2020300527	2020308430
2020314461	2020292995	<b><u>A47L 15 /-</u></b>	2020322459	2020304701	2020316004
<b><u>A01K 1 /-</u></b>	<b><u>A23K 20 /-</u></b>	2020315608	<b><u>A61F 2 /-</u></b>	2020314971	2020316949
2020297252	2020295570	<b><u>A47L 9 /-</u></b>	2020293549	2020315282	<b><u>A61M 25 /-</u></b>
2020340241	<b><u>A23L 11 /-</u></b>	2020341224	2020293691	2020315599	2020325636
<b><u>A01K 67 /-</u></b>	2020292995	<b><u>A61B 1 /-</u></b>	2020293691	2020315572	<b><u>A61K 39 /-</u></b>
2020297252	<b><u>A23L 2 /-</u></b>	2020319629	2020301135	2020295796	2020224164
<b><u>A01M 1 /-</u></b>	2020296267	2020334920	2020316747	2020291469	2020291469
2020330792	2020354499	<b><u>A61B 17 /-</u></b>	2020319150	2020291940	2020297586
<b><u>A01N 25 /-</u></b>	<b><u>A23L 27 /-</u></b>	2020289975	2020334770	2020297586	2020298571
2020295570	2020296267	2020292563	2020337009	2020299061	2020300527
<b><u>A01N 43 /-</u></b>	2020354499	2020292972	<b><u>A61F 9 /-</u></b>	2020300527	2020301838
2020317524	<b><u>A23L 29 /-</u></b>	2020293549	2020315572	2020304701	2020307538
2020330792	2020314346	2020316004	<b><u>A61H 35 /-</u></b>	2020314971	2020309538
2020424232	2020354499	2020322099	2020315572	2020315282	2020313751
<b><u>A01N 59 /-</u></b>	<b><u>A23L 29 /-</u></b>	2020328486	<b><u>A61K 35 /-</u></b>	2020315599	2020315673
2020289602	2020354499	2020331903	2020334237	2020325636	2020318781
			<b><u>A61K 45 /-</u></b>	2020325636	2020334237
			2020307991	<b><u>A61K 39 /-</u></b>	2020334237
			2020316449	2020295796	2020315572
			2020327022	2020297011	2020325726
				2020298571	<b><u>A61M 31 /-</u></b>
				2020300527	2020315572
				2020301838	<b><u>A61M 37 /-</u></b>
				2020307538	2020315572
				2020309538	2020315774
				2020313751	<b><u>A61M 39 /-</u></b>
				2020315673	2020315572
				2020318781	2020325726
				2020334237	<b><u>A61M 5 /-</u></b>
				<b><u>A61K 45 /-</u></b>	2019457097
				2020307991	2020302276
				2020316449	2020309580
				2020327022	2020318666
				<b><u>A61K 47 /-</u></b>	2020331903
				2020295570	2020332272
				2020301115	<b><u>A61M 60 /-</u></b>
				2020315214	2020283518
				2020315282	
				2020315758	

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<b>A61N 1 /-</b>	2020301413 2020301838 2020315282 2020319652	<b>B01J 4 /-</b>	<b>B28B 3 /-</b>	<b>B60G 11 /-</b>	<b>B65G 11 /-</b>
2020325726		2020310205	2020339853	2020314717	2020296475
<b>A61N 5 /-</b>	<b>A61P 43 /-</b>	<b>B01J 8 /-</b>	<b>B29C 45 /-</b>	<b>B60P 1 /-</b>	<b>B65G 17 /-</b>
2019452405 2020314851 2020325024	2020304659 2020308017	2020310205	2020456793	2020317059	2020295714
<b>A61P 1 /-</b>	<b>A61P 5 /-</b>	<b>B01L 3 /-</b>	<b>B29C 64 /-</b>	<b>B60P 3 /-</b>	<b>B65G 45 /-</b>
2020314086	2020304701	2020296016 2020306598	2020306441	2020317059	2020318458
<b>A61P 11 /-</b>	<b>A61P 9 /-</b>	<b>B01L 7 /-</b>	<b>B29C 65 /-</b>	<b>B60R 3 /-</b>	<b>B65G 47 /-</b>
2020296829 2020308017	2020298014 2020315599 2020321035	2020296016	2020326720	2019462265	2020295714
<b>A61P 13 /-</b>	<b>A61Q 19 /-</b>	<b>B02C 13 /-</b>	<b>B29C 67 /-</b>	<b>B60R 9 /-</b>	<b>B66F 9 /-</b>
2021202643	2020325636	2020345623	2020293691	2020317059	2020312719
<b>A61P 15 /-</b>	<b>A62C 3 /-</b>	<b>B02C 17 /-</b>	<b>B29D 11 /-</b>	<b>B60T 13 /-</b>	<b>B68B 1 /-</b>
2020276233	2020456793	2020296475	2020337009	<b>B60T 17 /-</b>	<b>C02F 1 /-</b>
<b>A61P 25 /-</b>	<b>A63B 21 /-</b>	<b>B02C 25 /-</b>	<b>B31F 1 /-</b>	2020298872	2019456757 2020291943 2020296267
2020304659 2020307538 2020313751 2020316449	2020296326	2020303222	2020324415	<b>B64C 13 /-</b>	<b>C02F 103 /-</b>
<b>A61P 29 /-</b>	<b>A63B 22 /-</b>	<b>B02C 4 /-</b>	<b>B32B 15 /-</b>	2020315882	<b>C02F 5 /-</b>
2020307538	2020296326	2020303222	2020314639 2020315051	<b>B64C 39 /-</b>	2020296267
<b>A61P 3 /-</b>	<b>A63B 24 /-</b>	<b>B05B 1 /-</b>	<b>B32B 17 /-</b>	2020315882	<b>C02F 9 /-</b>
2020298014 2020304701	2020296326	2020310205 2020315593	2020314639	<b>B64G 1 /-</b>	2020296267
<b>A61P 31 /-</b>	<b>A63F 13 /-</b>	<b>B05B 7 /-</b>	<b>B32B 27 /-</b>	2020317879	<b>C04B 22 /-</b>
2020295796 2020297011 2020299061 2020310921 2020315673	2020308728	2020310205	2020315051	<b>B65B 31 /-</b>	2020296267
<b>A61P 33 /-</b>	<b>B01D 15 /-</b>	<b>B05C 17 /-</b>	<b>B32B 3 /-</b>	2020313431	<b>C04B 33 /-</b>
2020315758	2020315580	2020326720	2020315051	<b>B65B 55 /-</b>	2020310951
<b>A61P 35 /-</b>	<b>B01D 53 /-</b>	<b>B08B 1 /-</b>	<b>B32B 7 /-</b>	2020332272	<b>C04B 35 /-</b>
2020290672 2020296048 2020298014 2020301115 2020301838 2020307678 2020309538 2020314851 2020317381 2020319652 2020322072 2020325636 2020327022	2020290081	2020318458	2020315051	<b>B65D 43 /-</b>	2020317373
	<b>B01D 63 /-</b>	<b>B21D 17 /-</b>	<b>B33Y 10 /-</b>	2020315051	<b>C04B 35 /-</b>
	2019456757	2020332356	2020306441	<b>B65D 51 /-</b>	2020334770
	<b>B01D 65 /-</b>	<b>B23K 1 /-</b>	<b>B33Y 30 /-</b>	2020315051	<b>C05F 11 /-</b>
	2019456757	2020322690 2020323253	2020306441	<b>B65D 65 /-</b>	2020296350 2020329942
	<b>B01F 25 /-</b>	<b>B23K 26 /-</b>	<b>B33Y 40 /-</b>	2020302378	<b>C05F 15 /-</b>
	2020289602	2020317998	2020306441	<b>B65D 71 /-</b>	2020296350
	<b>B01F 27 /-</b>	<b>B23K 37 /-</b>	<b>B33Y 80 /-</b>	2020311834	<b>C05G 3 /-</b>
	2020288860	2020313393	2020337009	<b>B65D 77 /-</b>	2020296350
	<b>B01J 19 /-</b>	<b>B23Q 1 /-</b>	<b>B60C 11 /-</b>	2020315051	<b>C05G 5 /-</b>
	2019456757 2020310205	2020313393	2020314779	<b>B65D 88 /-</b>	2020296350
	<b>B01J 31 /-</b>	<b>B25B 1 /-</b>	<b>B60C 23 /-</b>	2020311175	<b>C07B 35 /-</b>
2020298014	2020315338	2020313393	2020314718	<b>B65D 90 /-</b>	2020318159



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<b><u>C07B 61 /-</u></b>			<b><u>C10G 3 /-</u></b>		<b><u>E04C 1 /-</u></b>
2020330792	<b><u>C07D 519 /-</u></b>	<b><u>C08L 1 /-</u></b>	2020310205	<b><u>C12P 7 /-</u></b>	2020339853
	2020290672	2020296350		2020292812	
<b><u>C07C 211 /-</u></b>	<b><u>C07H 1 /-</u></b>	<b><u>C08L 23 /-</u></b>	<b><u>C10G 31 /-</u></b>	<b><u>C12Q 1 /-</u></b>	<b><u>E04C 2 /-</u></b>
2020315338	2020291784	2020323944	2020296304	2020294800	2020291350
			2020296305	2020337596	2020339853
<b><u>C07C 311 /-</u></b>	<b><u>C07H 21 /-</u></b>	<b><u>C08L 61 /-</u></b>	<b><u>C10G 45 /-</u></b>	<b><u>C22B 15 /-</u></b>	<b><u>E04F 13 /-</u></b>
2020296816	2020294800	2020302112	2020296304	2020309458	2020311005
<b><u>C07C 317 /-</u></b>	2020314461	2020308986	2020296305		
				<b><u>C22B 23 /-</u></b>	<b><u>E04F 21 /-</u></b>
2020296829	<b><u>C07H 3 /-</u></b>	<b><u>C08L 75 /-</u></b>	<b><u>C10G 69 /-</u></b>	2020309458	2020326720
<b><u>C07D 207 /-</u></b>	2020291784	2020314690	2020296305	<b><u>C23C 22 /-</u></b>	<b><u>E04G 21 /-</u></b>
				2020314690	2019462265
2020298238	<b><u>C07K 14 /-</u></b>	<b><u>C08L 91 /-</u></b>	<b><u>C10L 5 /-</u></b>		<b><u>E04H 1 /-</u></b>
			2020291320		2020451352
<b><u>C07D 249 /-</u></b>	2020301838	2020315398			2020451353
	2020315282				
2020424232	2020316034	<b><u>C08L 95 /-</u></b>	<b><u>C11B 1 /-</u></b>	<b><u>D04H 1 /-</u></b>	
	2020318114	2020315398	2020292812	2019451938	
<b><u>C07D 277 /-</u></b>	2020318781				
	2020321035	<b><u>C09D 133 /-</u></b>	<b><u>C12H 1 /-</u></b>	<b><u>D06F 37 /-</u></b>	<b><u>E05F 1 /-</u></b>
2020301115			2020296267	2020295002	2020292689
<b><u>C07D 307 /-</u></b>	<b><u>C07K 16 /-</u></b>	2020302112			
		2020308986	<b><u>C12M 1 /-</u></b>	<b><u>D06N 5 /-</u></b>	<b><u>E06B 3 /-</u></b>
2020290672	2020291922		2020330701	2020315398	2020323966
	2020295401	<b><u>C09D 175 /-</u></b>			
<b><u>C07D 401 /-</u></b>	2020298571	2020314690			
	2020307538		<b><u>C12N 1 /-</u></b>	<b><u>D21H 17 /-</u></b>	<b><u>E06B 5 /-</u></b>
2020296048	2020309538	<b><u>C09D 201 /-</u></b>	2020299061	2020302378	2020292689
2020298014	2020313751		2020329942		
2020308017	2020314851	2020302112		<b><u>D21H 19 /-</u></b>	<b><u>E06B 9 /-</u></b>
2020315188	2020315211	2020308986		2020302378	2020317008
<b><u>C07D 417 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C09D 5 /-</u></b>	<b><u>C12N 15 /-</u></b>		
			2020291144	<b><u>D21H 27 /-</u></b>	<b><u>E21B 21 /-</u></b>
2020317524	2020295401	2020302112	2020295401	2019451938	2020337166
2020319652	2020318114	2020308986	2020295796	2020302378	
2020322072		2020314690	2020297586		<b><u>F04B 39 /-</u></b>
	<b><u>C07K 7 /-</u></b>		2020301838	<b><u>E02D 17 /-</u></b>	2020290081
<b><u>C07D 471 /-</u></b>		<b><u>C09J 123 /-</u></b>	2020313143	2020313392	2020323253
	2020291469	2020323944	2020314461		
2020296048	2020291940		2020315282	<b><u>E02D 27 /-</u></b>	<b><u>F04C 29 /-</u></b>
2020317381	2020299061	<b><u>C09K 17 /-</u></b>	2020316034	2020295408	2020290081
2020317503	2020301838	2020296350	2020318114		
2020318159			2020318781	<b><u>E02D 5 /-</u></b>	<b><u>F16B 1 /-</u></b>
2020319652	<b><u>C08B 31 /-</u></b>	<b><u>C10B 27 /-</u></b>	2020322021	2020295408	2020296475
	2020314346				
<b><u>C07D 473 /-</u></b>	<b><u>C08F 220 /-</u></b>	<b><u>C10B 3 /-</u></b>	<b><u>C12N 5 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>F16B 43 /-</u></b>
			2020301838	2020312719	2020318458
2020290672	2020302112	2020291320	2020306049		
<b><u>C07D 487 /-</u></b>	2020308986		2020314461	<b><u>E04B 1 /-</u></b>	<b><u>F16B 5 /-</u></b>
		<b><u>C10B 47 /-</u></b>	2020334237	2020291350	2020318458
2020319652	<b><u>C08G 18 /-</u></b>	2020291320		2020312760	
			<b><u>C12N 7 /-</u></b>		<b><u>F16F 9 /-</u></b>
<b><u>C07D 491 /-</u></b>	2019459025	<b><u>C10B 57 /-</u></b>		<b><u>E04B 2 /-</u></b>	2020314717
	2020314690	2020291320	2020315580		
2020307678	2020315338		2020316034		<b><u>F16L 13 /-</u></b>
<b><u>C07D 493 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C10B 57 /-</u></b>			2020322690
		2020291320	<b><u>C12N 9 /-</u></b>		2020323253
2020290672	2020319020		2020294800		
<b><u>C07D 498 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C10G 11 /-</u></b>	2020297586		
		2020310205	2020298549		
2020330792	2020302112				
<b><u>C07D 513 /-</u></b>	2020308986		<b><u>C12P 19 /-</u></b>		
	2020315398		2020291784		
2020299061	2020319020				

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<b><u>F16L 55 /-</u></b>	<b><u>G01R 1 /-</u></b>	<b><u>G06F 1 /-</u></b>	2020310909	<b><u>G21F 1 /-</u></b>	<b><u>H02P 9 /-</u></b>
2020304050 2020310223	2020309762	2020299379	<b><u>G06Q 50 /-</u></b>	2020423757	2020458210
<b><u>F21V 23 /-</u></b>	<b><u>G01R 11 /-</u></b>	<b><u>G06F 16 /-</u></b>	2019469152 2020281288 2020295068 2020321608	<b><u>H01F 27 /-</u></b>	<b><u>H02S 10 /-</u></b>
2020299379	2020309762	2020347056		2020315516	2020293275
<b><u>F24C 15 /-</u></b>	<b><u>G01R 22 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06T 1 /-</u></b>	<b><u>H01F 30 /-</u></b>	<b><u>H02S 20 /-</u></b>
2020313306	2020309762	2020356795	2021290427 2021290428	2020315516	2020323966
<b><u>F25B 41 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06T 19 /-</u></b>	<b><u>H01H 9 /-</u></b>	<b><u>H02S 40 /-</u></b>
2020322690 2020323253	2020327344	2019457782 2020314384	2020308728	2020302230	2020293275 2020323966
<b><u>F25D 11 /-</u></b>	<b><u>G01S 13 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G06T 7 /-</u></b>	2020309555	<b><u>H04B 3 /-</u></b>
2020311175	2020314717	2019469487 2020299379 2020308728 2020314454	2020306013 2020334981 2021290431 2021290432 2021290433 2021290434 2021290435 2021290436 2021290437	<b><u>H01J 37 /-</u></b>	2020319893
<b><u>F25D 23 /-</u></b>	<b><u>G01S 17 /-</u></b>			2020309555	<b><u>H04B 7 /-</u></b>
2020311022 2020311175	2020311960	<b><u>G06F 30 /-</u></b>		<b><u>H01L 31 /-</u></b>	2020309862
<b><u>F27B 9 /-</u></b>	<b><u>G01S 3 /-</u></b>	2019469152		2020323966	<b><u>H04H 60 /-</u></b>
2020291320	2020317879	<b><u>G06F 9 /-</u></b>		<b><u>H01M 10 /-</u></b>	2020310909
<b><u>F27D 17 /-</u></b>	<b><u>G01S 7 /-</u></b>	2020310108 2020315738	<b><u>G07C 9 /-</u></b>	2020307520 2020310565 2020456793	<b><u>H04L 1 /-</u></b>
2020292047	2020311960	<b><u>G06K 19 /-</u></b>	2020295068	<b><u>H01M 4 /-</u></b>	2019472983
<b><u>F27D 99 /-</u></b>	<b><u>G01V 1 /-</u></b>	<b><u>G06K 19 /-</u></b>	<b><u>G07D 9 /-</u></b>	2020307520 2020310565	<b><u>H04L 47 /-</u></b>
2020293632 2020315209 2020292047	2020293632 2020315209 2020319015	2020309525	2020307032	<b><u>H01M 50 /-</u></b>	2020310108
<b><u>F41H 11 /-</u></b>	<b><u>G01V 5 /-</u></b>	2020309525	<b><u>G08B 29 /-</u></b>	2020456793 2021289110	<b><u>H04L 9 /-</u></b>
2020298675	2020333739	<b><u>G06K 9 /-</u></b>	2020292689	<b><u>H01Q 1 /-</u></b>	2020295068
<b><u>F41J 2 /-</u></b>	<b><u>G02B 21 /-</u></b>	2020281288 2020334981	<b><u>G09F 3 /-</u></b>	2020314718	<b><u>H04N 19 /-</u></b>
2020298675 2020332008	2020309555	<b><u>G06N 10 /-</u></b>	2020309762	<b><u>H02J 3 /-</u></b>	2020290835 2020292097 2020293843 2020309130 2020309443
<b><u>F41J 9 /-</u></b>	<b><u>G02B 7 /-</u></b>	2020323522	2020314454	2020319910 2020321608	<b><u>H04N 9 /-</u></b>
2020298675	2020301577	<b><u>G06N 3 /-</u></b>	<b><u>G10L 21 /-</u></b>	<b><u>H02K 1 /-</u></b>	2020314454
<b><u>G01J 3 /-</u></b>	<b><u>G02C 7 /-</u></b>	2020315738 2021290429	2020319893	2020283518	<b><u>H04R 25 /-</u></b>
2020324363	2020293691	<b><u>G06N 5 /-</u></b>	<b><u>G16C 10 /-</u></b>	<b><u>H02K 21 /-</u></b>	2020290580
<b><u>G01N 22 /-</u></b>	<b><u>G03F 7 /-</u></b>	2020323522 2021290428	2020323522	2020295002	<b><u>H04W 24 /-</u></b>
2020323417	2020317998	<b><u>G06Q 10 /-</u></b>	2020309580	<b><u>H02K 3 /-</u></b>	2020297346
<b><u>G01N 23 /-</u></b>	<b><u>G05B 13 /-</u></b>	2019469152 2020321608 2020357554 2020434788	<b><u>G16H 10 /-</u></b>	2020283518	<b><u>H04W 28 /-</u></b>
2020309555 2020332297	2020330701	<b><u>G06Q 20 /-</u></b>	2020282983 2020303972	2020295002	2020354589
<b><u>G01N 33 /-</u></b>	<b><u>G05B 19 /-</u></b>	2020310882 2020314384	<b><u>G16H 40 /-</u></b>	<b><u>H02K 5 /-</u></b>	<b><u>H04W 36 /-</u></b>
2020294800 2020306598 2020309580 2020313751 2020315211 2020323522 2020332297 2020337596	2020330701	<b><u>G06Q 30 /-</u></b>	2020301632	2020295002	2020297346
	2020309580		<b><u>G16Y 40 /-</u></b>	<b><u>H02K 9 /-</u></b>	<b><u>H04W 4 /-</u></b>
	<b><u>G05D 1 /-</u></b>		2020314384	2020295002	2020300838 2020309862
		2020310882		<b><u>H02P 8 /-</u></b>	
				2020310536	

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2020315323

**H04W 8 /-**

2020315323

**H04W 80 /-**

2020354589

**H04W 84 /-**

2020297346

2020309862

2020315323

**H05B 3 /-**

2020298254

**H05B 6 /-**

2020360036

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<hr/>		<b>A61P 37/00</b> ( 2006.01 )	<b>(31)</b> 15/630,740	<b>(32)</b> 22.06.17	<b>(33)</b> US
<b>(71)</b> 4DMedical Limited		<b>(87)</b> WO2018/116259	<b>(43)</b> 17.01.2019		
<b>(11)</b> AU-B-2017225895		<b>(31)</b> 62/569,028	<b>(32)</b> 06.10.17	<b>(33)</b> US	
<b>(21)</b> 2017225895	<b>(22)</b> 24.02.2017	62/437,633	21.12.16	US	
<b>(54)</b> Method and system for imaging		<b>(43)</b> 28.06.2018			
<b>(51)</b> Int. Cl.		<b>(44)</b> 10.02.2022			
<b>A61B 5/08</b> ( 2006.01 )		<b>(72)</b> Podoll, Terry; Evarts, Jerry; Kaptein, Al-lard			
<b>A61B 6/00</b> ( 2006.01 )		<b>(74)</b> Davies Collison Cave Pty Ltd			
<b>G06T 7/10</b> ( 2017.01 )		<hr/>			
<b>G06T 7/143</b> ( 2017.01 )		<b>(71)</b> ACO Severin Ahlmann GmbH & Co. KG			
<b>G06T 7/187</b> ( 2017.01 )		<b>(11)</b> AU-B-2019345932			
<b>G06T 7/35</b> ( 2017.01 )		<b>(21)</b> 2019345932	<b>(22)</b> 20.09.2019		
<b>G06T 7/50</b> ( 2017.01 )		<b>(54)</b> Immiscible liquids separation apparatus and method			
<b>(87)</b> WO2017/147642		<b>(51)</b> Int. Cl.			
<b>(31)</b> 2016900817	<b>(32)</b> 04.03.16	<b>E03F 5/16</b> ( 2006.01 )			
<b>(43)</b> 08.09.2017		<b>B01D 17/02</b> ( 2006.01 )			
<b>(44)</b> 10.02.2022		<b>(87)</b> WO2020/064571			
<b>(72)</b> Fouras, Andreas; Samarage, Chaminda Rajeev		<b>(31)</b> 1815872.5	<b>(32)</b> 28.09.18	<b>(33)</b> GB	
<b>(74)</b> WRAYS PTY LTD		<b>(43)</b> 02.04.2020			
<hr/>		<b>(44)</b> 10.02.2022			
<b>(71)</b> 8996598 Canada Inc.		<b>(72)</b> SUK, Marek; SABINIOK, Zbynek; LANGPAUL, Petr			
<b>(11)</b> AU-B-2017215445		<b>(74)</b> Fraser Old & Sohn			
<b>(21)</b> 2017215445	<b>(22)</b> 01.02.2017	<hr/>			
<b>(54)</b> Method and apparatus for the detection of exposure to ultraviolet light		<b>(71)</b> Action Team Veranstaltungs GmbH			
<b>(51)</b> Int. Cl.		<b>(11)</b> AU-B-2018379133			
<b>G01J 1/50</b> ( 2006.01 )		<b>(21)</b> 2018379133	<b>(22)</b> 03.12.2018		
<b>(87)</b> WO2017/134583		<b>(54)</b> Surfing installation			
<b>(31)</b> 62/436,844	<b>(32)</b> 20.12.16	<b>(51)</b> Int. Cl.			
62/290,140	02.02.16	<b>E04H 4/00</b> ( 2006.01 )			
<b>(43)</b> 10.08.2017		<b>A63B 69/00</b> ( 2006.01 )			
<b>(44)</b> 10.02.2022		<b>(87)</b> WO2019/110496			
<b>(72)</b> Sweeting, Chad Mitchell; Jouppi, Derek Matti Harry; Martinko, Andrew Bradley; Gibson, Marc William; Wu, Tim; Dang, Kevin Quang Vinh; Mills, Cameron; Chang, Sabrina		<b>(31)</b> 17205359.7	<b>(32)</b> 05.12.17	<b>(33)</b> EP	
<b>(74)</b> LESICAR MAYNARD ANDREWS PTY LTD		<b>(43)</b> 13.06.2019			
<hr/>		<b>(44)</b> 10.02.2022			
<b>(71)</b> Ab Initio Technology LLC		<b>(72)</b> KLIMASCHEWSKI, Rainer			
<b>(11)</b> AU-B-2020203145		<b>(74)</b> MEYER WEST IP PTY LTD			
<b>(21)</b> 2020203145	<b>(22)</b> 13.05.2020	<hr/>			
<b>(54)</b> PROCESSING DATA FROM MULTIPLE SOURCES		<b>(71)</b> Adama Agan Ltd.			
<b>(51)</b> Int. Cl.		<b>(11)</b> AU-B-2017359604			
<b>G06F 9/50</b> ( 2006.01 )		<b>(21)</b> 2017359604	<b>(22)</b> 14.11.2017		
<b>(43)</b> 04.06.2020		<b>(54)</b> Process for preparing methoxy methyl pyridine dicarboxylate			
<b>(44)</b> 10.02.2022		<b>(51)</b> Int. Cl.			
<b>(62)</b> 2015247639		<b>C07D 213/803</b> ( 2006.01 )			
<b>(72)</b> Schechter, Ian; Wakeling, Tim; Wollrath, Ann M.		<b>C07D 401/04</b> ( 2006.01 )			
<b>(74)</b> RnB IP Pty Ltd		<b>(87)</b> WO2018/091964			
<hr/>		<b>(31)</b> 62/424,888	<b>(32)</b> 21.11.16	<b>(33)</b> US	
<b>(71)</b> Acerta Pharma B.V.		<b>(43)</b> 24.05.2018			
<b>(11)</b> AU-B-2017383236		<b>(44)</b> 10.02.2022			
<b>(21)</b> 2017383236	<b>(22)</b> 21.12.2017	<b>(72)</b> Kusniec, Tzurit; Tzor, Omer; Yacovan, Avihai			
<b>(54)</b> Imidazopyrazine inhibitors of Bruton's tyrosine kinase		<b>(74)</b> FB Rice Pty Ltd			
<b>(51)</b> Int. Cl.		<hr/>			
<b>C07D 401/12</b> ( 2006.01 )		<b>(71)</b> Adobe Inc.			
<b>A61P 35/00</b> ( 2006.01 )		<b>(11)</b> AU-B-2018202510			
<hr/>		<b>(21)</b> 2018202510	<b>(22)</b> 10.04.2018		
<b>(71)</b> 4DMedical Limited		<b>(54)</b> CLIENT STORAGE FOR CLOUD-SYNCHRONIZED DIGITAL MEDIA ASSETS			
<b>(11)</b> AU-B-2017225895		<b>(51)</b> Int. Cl.			
<b>(21)</b> 2017225895	<b>(22)</b> 24.02.2017	<b>G06Q 10/10</b> ( 2012.01 )			
<b>(54)</b> Method and system for imaging		<hr/>			
<b>(51)</b> Int. Cl.		<b>(71)</b> Adobe Inc.			
<b>A61B 5/08</b> ( 2006.01 )		<b>(11)</b> AU-B-2020202601			
<b>A61B 6/00</b> ( 2006.01 )		<b>(21)</b> 2020202601	<b>(22)</b> 17.04.2020		
<b>G06T 7/10</b> ( 2017.01 )		<b>(54)</b> UTILIZING OBJECT ATTRIBUTE DETECTION MODELS TO AUTOMATICALLY SELECT INSTANCES OF DETECTED OBJECTS IN IMAGES			
<b>G06T 7/143</b> ( 2017.01 )		<b>(51)</b> Int. Cl.			
<b>G06T 7/187</b> ( 2017.01 )		<b>G06V 10/40</b> ( 2022.01 )			
<b>G06T 7/35</b> ( 2017.01 )		<b>G06T 7/00</b> ( 2017.01 )			
<b>G06T 7/50</b> ( 2017.01 )		<b>G06V 10/56</b> ( 2022.01 )			
<b>(87)</b> WO2017/147642		<b>G06V 10/82</b> ( 2022.01 )			
<b>(31)</b> 2016900817	<b>(32)</b> 04.03.16	<b>G06V 20/00</b> ( 2022.01 )			
<b>(43)</b> 08.09.2017		<b>(31)</b> 16/518,850	<b>(32)</b> 22.07.19	<b>(33)</b> US	
<b>(44)</b> 10.02.2022		<b>(43)</b> 11.02.2021			
<b>(72)</b> Fouras, Andreas; Samarage, Chaminda Rajeev		<b>(44)</b> 10.02.2022			
<b>(74)</b> WRAYS PTY LTD		<b>(72)</b> Lin, Zhe; Cohen, Scott; Ling, Mingyang			
<hr/>		<b>(74)</b> RnB IP Pty Ltd			
<b>(71)</b> 8996598 Canada Inc.		<hr/>			
<b>(11)</b> AU-B-2017215445		<b>(71)</b> ADS Therapeutics LLC			
<b>(21)</b> 2017215445	<b>(22)</b> 01.02.2017	<b>(11)</b> AU-B-2017274197			
<b>(54)</b> Method and apparatus for the detection of exposure to ultraviolet light		<b>(21)</b> 2017274197	<b>(22)</b> 26.05.2017		
<b>(51)</b> Int. Cl.		<b>(54)</b> Compositions and methods of using nintedanib for treating ocular diseases with abnormal neovascularization			
<b>G01J 1/50</b> ( 2006.01 )		<b>(51)</b> Int. Cl.			
<b>(87)</b> WO2017/134583		<b>A61K 9/50</b> ( 2006.01 )			
<b>(31)</b> 62/436,844	<b>(32)</b> 20.12.16	<b>A61K 31/506</b> ( 2006.01 )			
62/290,140	02.02.16	<b>C07D 209/34</b> ( 2006.01 )			
<b>(43)</b> 10.08.2017		<b>(87)</b> WO2017/210132			
<b>(44)</b> 10.02.2022		<b>(31)</b> 62/344,878	<b>(32)</b> 02.06.16	<b>(33)</b> US	
<b>(72)</b> Sweeting, Chad Mitchell; Jouppi, Derek Matti Harry; Martinko, Andrew Bradley; Gibson, Marc William; Wu, Tim; Dang, Kevin Quang Vinh; Mills, Cameron; Chang, Sabrina		62/344,870	02.06.16	US	
<b>(74)</b> LESICAR MAYNARD ANDREWS PTY LTD		<b>(43)</b> 07.12.2017			
<hr/>		<b>(44)</b> 10.02.2022			
<b>(71)</b> Ab Initio Technology LLC		<b>(72)</b> Ni, Jinsong; Yang, Rong			
<b>(11)</b> AU-B-2020203145		<b>(74)</b> Pizzeys Patent and Trade Mark Attorneys Pty Ltd			
<b>(21)</b> 2020203145	<b>(22)</b> 13.05.2020	<hr/>			
<b>(54)</b> PROCESSING DATA FROM MULTIPLE SOURCES		<b>(71)</b> Alcon Inc.; The Regents of the University of Colorado, a body corporate			
<b>(51)</b> Int. Cl.		<b>(11)</b> AU-B-2017260081			
<b>G06F 9/50</b> ( 2006.01 )		<b>(21)</b> 2017260081	<b>(22)</b> 04.05.2017		
<b>(43)</b> 04.06.2020		<b>(54)</b> Intraocular lens designs for improved stability			
<b>(44)</b> 10.02.2022		<b>(51)</b> Int. Cl.			
<b>(62)</b> 2015247639		<b>A61F 2/16</b> ( 2006.01 )			
<b>(72)</b> Schechter, Ian; Wakeling, Tim; Wollrath, Ann M.		<b>(87)</b> WO2017/192855			
<b>(74)</b> RnB IP Pty Ltd		<b>(31)</b> 62/332,163	<b>(32)</b> 05.05.16	<b>(33)</b> US	
<hr/>		15/585,901	03.05.17	US	
<b>(71)</b> Acerta Pharma B.V.		<b>(43)</b> 09.11.2017			
<b>(11)</b> AU-B-2017383236		<b>(44)</b> 10.02.2022			
<b>(21)</b> 2017383236	<b>(22)</b> 21.12.2017	<b>(72)</b> Kahook, Malik Y.; Sussman, Glenn; Zacher, Rudolph F.; McLean, Paul J.; Atkinson, Robert E.			
<b>(54)</b> Imidazopyrazine inhibitors of Bruton's tyrosine kinase		<b>(74)</b> FB Rice Pty Ltd			
<b>(51)</b> Int. Cl.		<hr/>			
<b>C07D 401/12</b> ( 2006.01 )		<b>(71)</b> Adobe Inc.			
<b>A61P 35/00</b> ( 2006.01 )		<b>(11)</b> AU-B-2018202510			
<hr/>		<b>(21)</b> 2018202510	<b>(22)</b> 10.04.2018		
<b>(71)</b> 4DMedical Limited		<b>(54)</b> CLIENT STORAGE FOR CLOUD-SYNCHRONIZED DIGITAL MEDIA ASSETS			
<b>(11)</b> AU-B-2017225895		<b>(51)</b> Int. Cl.			
<b>(21)</b> 2017225895	<b>(22)</b> 24.02.2017	<b>G06Q 10/10</b> ( 2012.01 )			
<b>(54)</b> Method and system for imaging		<hr/>			
<b>(51)</b> Int. Cl.		<b>(71)</b> Adobe Inc.			
<b>A61B 5/08</b> ( 2006.01 )		<b>(11)</b> AU-B-2020202601			
<b>A61B 6/00</b> ( 2006.01 )		<b>(21)</b> 2020202601	<b>(22)</b> 17.04.2020		
<b>G06T 7/10</b> ( 2017.01 )		<b>(54)</b> UTILIZING OBJECT ATTRIBUTE DETECTION MODELS TO AUTOMATICALLY SELECT INSTANCES OF DETECTED OBJECTS IN IMAGES			
<b>G06T 7/143</b> ( 2017.01 )		<b>(51)</b> Int. Cl.			
<b>G06T 7/187</b> ( 2017.01 )		<b>G06V 10/40</b> ( 2022.01 )			
<b>G06T 7/35</b> ( 2017.01 )		<b>G06T 7/00</b> ( 2017.01 )			
<b>G06T 7/50</b> ( 2017.01 )		<b>G06V 10/56</b> ( 2022.01 )			
<b>(87)</b> WO2017/147642		<b>G06V 10/82</b> ( 2022.01 )			
<b>(31)</b> 2016900817	<b>(32)</b> 04.03.16	<b>G06V 20/00</b> ( 2022.01 )			
<b>(43)</b> 08.09.2017		<b>(31)</b> 16/518,850	<b>(32)</b> 22.07.19	<b>(33)</b> US	
<b>(44)</b> 10.02.2022		<b>(43)</b> 11.02.2021			
<b>(72)</b> Fouras, Andreas; Samarage, Chaminda Rajeev		<b>(44)</b> 10.02.2022			
<b>(74)</b> WRAYS PTY LTD		<b>(72)</b> Lin, Zhe; Cohen, Scott; Ling, Mingyang			
<hr/>		<b>(74)</b> RnB IP Pty Ltd			

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 (11) AU-B-2017299120  
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 (54) Drier compositions for alkyd resins  
 (51) Int. Cl.  
     **C09F 9/00** ( 2006.01 )  
     **C08K 5/00** ( 2006.01 )  
     **C09D 167/08** ( 2006.01 )  
 (87) WO2018/015333  
 (31) 16180103.0 (32) 19.07.16 (33) EP  
 (43) 25.01.2018  
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 (11) AU-B-2015349809  
 (21) 2015349809 (22) 19.11.2015  
 (54) Quantitation of glycan moiety in recombinant glycoproteins  
 (51) Int. Cl.  
     **C12Q 1/37** ( 2006.01 )  
     **G01N 21/47** ( 2006.01 )  
     **G01N 33/66** ( 2006.01 )  
 (87) WO2016/081770  
 (31) 62/082,014 (32) 19.11.14 (33) US  
 (43) 26.05.2016  
 (44) 10.02.2022  
 (72) Chemmalil, Letha  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2020210251  
 (21) 2020210251 (22) 30.07.2020  
 (54) Event recognition  
 (51) Int. Cl.  
     **G06F 3/048** ( 2006.01 )  
     **G06F 3/0488** ( 2013.01 )  
     **G06F 9/44** ( 2006.01 )  
 (43) 20.08.2020  
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 (72) Shaffer, Joshua H.; Kocienda, Kenneth L.; Chaudhri, Imran  
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(71) Apple Inc.  
 (11) AU-B-2020239675  
 (21) 2020239675 (22) 23.09.2020  
 (54) Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments  
 (51) Int. Cl.  
     **G06T 19/00** ( 2011.01 )  
     **G06F 3/048** ( 2013.01 )  
     **G06F 3/0484** ( 2013.01 )  
     **G06T 19/20** ( 2011.01 )  
 (31) 62/969,647 (32) 03.02.20 (33) US  
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 (72) DRYER, Allison W.; YERKES, Giancarlo; PAUL, Grant R.; FORSELL, Lisa K.  
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**G01J 3/26** ( 2006.01 )  
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**A01N 43/72** ( 2006.01 )  
**A01N 43/78** ( 2006.01 )  
**A01N 43/90** ( 2006.01 )  
**C07D 401/12** ( 2006.01 )  
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**F42B 12/72** ( 2006.01 )  
**F42B 12/78** ( 2006.01 )  
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**(74)** Alder IP Pty Ltd
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**B25H 3/02** ( 2006.01 )  
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**A47F 1/12** ( 2006.01 )  
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**F24C 11/00** ( 2006.01 )  
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**F24C 7/08** ( 2006.01 )  
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 (51) Int. Cl.  
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C12N 15/11 (2006.01 )  
C12N 15/113 (2010.01 )  
C12N 15/85 (2006.01 )  
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A61F 2/00 (2006.01 )  
A61F 2/14 (2006.01 )  
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A46B 9/04 (2006.01 )  
A61C 17/02 (2006.01 )  
A61C 17/36 (2006.01 )  
A61C 17/40 (2006.01 )

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**H02K 33/16** ( 2006.01 )  
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**H02P 25/032** ( 2016.01 )  
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**(74)** IP GATEWAY PATENT & TRADE  
 MARK ATTORNEYS PTY LTD

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**B63B 39/04** ( 2006.01 )  
**F16C 37/00** ( 2006.01 )  
**G01C 19/00** ( 2013.01 )  
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 PETERSON, Jeffrey  
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 system for detecting a partial or com-  
 plete disruption of a rail of the railway  
 track  
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 invasive monitoring of physiological  
 measurements  
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**E21B 33/128** ( 2006.01 )  
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**(71)** WheelRight Limited  
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**G06K 9/00** ( 2006.01 )  
**G06V 30/18** ( 2022.01 )  
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 George; CODD, Alexander Paul  
**(74)** FPA Patent Attorneys Pty Ltd

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 cloud reconciliation  
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**H04L 65/40** ( 2022.01 )  
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 John  
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 bushiki Kaisha  
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 for controlling same  
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 height of an agricultural product  
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**G01B 21/04** ( 2006.01 )  
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 drial transporter protein  
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**C07K 14/405** ( 2006.01 )  
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 P.; Snell, Kristi D.; Malik, Meghna  
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 (21) 2019283225 (22) 05.06.2019  
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     **G01N 21/359** ( 2014.01 )  
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 (74) Dentons Patent Attorneys Australasia Limited

(71) Zimmer, Inc.  
 (11) AU-B-2020204019  
 (21) 2020204019 (22) 17.06.2020  
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 (51) Int. Cl.  
     **A61F 2/38** ( 2006.01 )  
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 (72) Croll, Vanessa  
 (74) Phillips Ormonde Fitzpatrick

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2014209142	Layne Christensen Company	2017277334	Star Array Pte Ltd
2015346162	Voyager Therapeutics, Inc.	2017282666	Otonexus Medical Technologies, Inc.
2015349809	Amgen Inc.	2017289015	Olix Pharmaceuticals, Inc.
2015412218	Reilly, W.	2017294604	Hyperion Semiconductors Oy
2016228993	Hemanext Inc.	2017295388	F. Holzer GmbH
2016250104	Psomagen, Inc.	2017296082	ZEA10, LLC
2016250905	Sonic Master Limited	2017299120	Allnex Austria GmbH
2016269494	Joy Global Underground Mining LLC	2017301082	Longi Magnet Co.,Ltd.
2016274890	UBI Pharma Inc	2017302312	Kimberly-Clark Worldwide, Inc.
2016287440	Collectis	2017311557	Compagnie Gervais Danone; N.V. Nutricia
2016309923	Rothenberger AG; Plaston AG	2017316746	Envases Oehringen GmbH
2016313409	Volexity, Inc.	2017320475	FutureVault Inc.
2016318775	The Children's Hospital of Philadelphia	2017322386	Equifax Inc.
2016328081	Mauser-Werke GmbH	2017325445	Wavetrain Systems AS
2016333140	SFS Acquisition, LLC.	2017332408	Hanmi Pharm. Co., Ltd.; Sanofi-Aventis Deutschland GmbH
2016346866	Samsung Electronics Co., Ltd.	2017338783	Magic Leap, Inc.
2016350296	Megakaryon Corporation; Satake Chemical Equipment Mfg., Ltd.	2017340812	BASF SE
2016357096	Raytheon Company	2017344389	Global Reach Technology, Inc.
2016361433	Hi Fidelity Genetics, Inc.	2017351066	Weatherford Technology Holdings, LLC
2016370468	Wilmarc Holdings LLC	2017355448	Visa International Service Association
2016381563	Wear2B Ltd	2017359604	Adama Agan Ltd.
2016394232	Equinor Energy AS	2017361257	H. Lundbeck A/S.
2016401882	Monatomics Technology	2017361907	Elisa Oyj
2016402225	Topcon Positioning Systems, Inc.	2017364256	Dometic Sweden AB
2016404807	Stone, D.	2017365847	Institut d'Optique Théorique et Appliquée; Universite de Bordeaux; Centre national de la recherche scientifique
2016425292	Precisionzx Inc.	2017367909	Kimberly-Clark Worldwide, Inc.
2016429081	Prysmian S.p.A.	2017368283	Universität Bern
2016431221	Verbio Vereinigte BioEnergie AG	2017368294	IKEA Supply AG
2016431911	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2017375951	Magic Leap, Inc.
2016432187	Halliburton Energy Services, Inc.	2017383236	Acerta Pharma B.V.
2017200020	PLANTLOGIC LLC	2017387700	Yara International ASA
2017205172	Bivacor Inc.	2017397532	Yamaha Motor Power Products Kabushiki Kaisha
2017205931	Electrolux Home Products, Inc.	2017434920	Bolt Threads, Inc .
2017209119	Stryker Corporation	2018202510	Adobe Inc.
2017210821	Samsung Electronics Co., Ltd.	2018206676	VoltSafe Inc.
2017211594	NeuroLief Ltd.	2018207318	Institut National Universitaire Jean-Francois Champollion; Universite Toulouse III - Paul Sabatier; Institut National de la Sante et de la Recherche Medicale; Universite de Rouen-Normandie
2017212222	Välinge Innovation AB	2018215536	Silencer Devices, LLC
2017212610	Belron International Limited	2018224020	General Electric Company
2017215445	8996598 Canada Inc.	2018244873	Asahi Soft Drinks Co., Ltd.; Asahi Group Holdings, Ltd.
2017217520	Dauleh, M.	2018250795	Melior Pharmaceuticals I, Inc.; Board of Supervisors of Louisiana State University and Agricultural and Mechanical College
2017217930	Contrast, Inc.	2018252301	JP Tight Co., Ltd.
2017217972	Magic Leap, Inc.	2018268311	Idorsia Pharmaceuticals Ltd
2017218615	Byondis B.V.	2018270292	NFlection Therapeutics, Inc.
2017222224	Contego Sports Limited	2018273238	Lummus Technology LLC
2017223138	nChain Holdings Limited	2018277831	Arysta Lifescience Inc.
2017223996	SentreHEART, Inc.	2018283286	Yield10 Bioscience, Inc.
2017225895	4DMedical Limited	2018289505	HBI Branded Apparel Enterprises, LLC; Cotton Incorporated
2017225979	Z Intellectual Property Holding Company, LLC	2018297218	Emerson Electric Co.
2017228871	L&P Property Management Company	2018304757	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2017229483	The Regents of the University of California	2018308947	Terra15 Pty Ltd
2017235958	The Boeing Company	2018329843	Visuray Intech Ltd (BVI)
2017237981	Nooma Bio, Inc.	2018331426	Water Pik, Inc.
2017241266	SpecGx LLC	2018336797	RTC Industries, Inc.
2017244131	Enel X North America, Inc.	2018345328	Proteus Industries, Inc.
2017245369	The Boeing Company	2018346706	MED-EL Elektromedizinische Geraete GmbH
2017251616	Redag Crop Protection Ltd	2018368965	Lifetime Products, Inc.
2017254716	Hollister Incorporated	2018379133	Action Team Veranstaltungen GmbH
2017255411	Qualcomm Incorporated	2018383658	Inovio Pharmaceuticals, Inc.
2017260081	Alcon Inc.; The Regents of the University of Colorado, a body corporate	2018392927	PepsiCo, Inc.
2017260641	Qualcomm Incorporated	2018394106	Leica Biosystems Imaging, Inc.
2017263030	Kverneland Group Mechatronics B.V.		
2017263291	nChain Holdings Limited		
2017268840	Lyndra Therapeutics, Inc.		
2017270195	Vital Signs, Inc.		
2017274197	ADS Therapeutics LLC		



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<b>2018403192</b>	The NOCO Company	<b>2020240773</b>	Daikin Industries, Ltd.
<b>2018417096</b>	Mitsubishi Electric Corporation	<b>2020244485</b>	Itron, Inc.
<b>2018433016</b>	Colgate-Palmolive Company	<b>2020255286</b>	TripleMed B.V.
<b>2019203870</b>	Phoenix Product Development Limited	<b>2020260458</b>	FCX Solar LLC
<b>2019204572</b>	Joy Global Underground Mining LLC	<b>2020267303</b>	InterDigital Patent Holdings, Inc.
<b>2019226115</b>	Phytogen Seed Company LLC	<b>2020294151</b>	Taiwan Fu Hsing Industrial Co., Ltd.
<b>2019235973</b>	LG Electronics Inc.	<b>2020294304</b>	Dolby International AB
<b>2019244571</b>	Ruggli Projects AG	<b>2020299129</b>	Raytheon Company
<b>2019246289</b>	Daikin Industries, Ltd.	<b>2020331564</b>	South China Sea Institute of Oceanology, Chinese Academy of Sciences
<b>2019250727</b>	Huawei Technologies Co., Ltd.	<b>2020338696</b>	BillerudKorsnäs AB
<b>2019251102</b>	Metcalfe, D.; Eubanks, R.	<b>2020356801</b>	Citrix Systems, Inc.; Chai, Z.
<b>2019256257</b>	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	<b>2020396917</b>	Monash University
<b>2019257143</b>	Citrix Systems, Inc.	<b>2021200095</b>	Dolby International AB
<b>2019265858</b>	Thomson Reuters Enterprise Centre GmbH	<b>2021200332</b>	Xero Limited
<b>2019271954</b>	IPRA Technologies Ltd Oy	<b>2021201104</b>	Immatics Biotechnologies GmbH
<b>2019272364</b>	Huawei Technologies Co., Ltd.	<b>2021201105</b>	Immatics Biotechnologies GmbH
<b>2019273268</b>	Huawei Technologies Co., Ltd.	<b>2021236510</b>	PONGRASS, R.G.
<b>2019275986</b>	Bühler AG	<b>2021258090</b>	Fleet Space Technologies Pty Ltd
<b>2019276972</b>	Boston Scientific Neuromodulation Corporation	<b>2021286238</b>	ViaSat, Inc.
<b>2019277321</b>	GC Corporation	<b>2022200249</b>	Pharma Mar, S.A.
<b>2019277661</b>	Wave Tamer LLC	<b>2022200250</b>	Pharma Mar, S.A.
<b>2019280005</b>	Freedom Solutions Group, LLC		
<b>2019283225</b>	Yokogawa Electric Corporation		
<b>2019284138</b>	Earthling 3.0 Pty Ltd		
<b>2019287652</b>	PayPal, Inc.		
<b>2019287734</b>	W. L. Gore & Associates, Inc.; The Johns Hopkins University		
<b>2019289089</b>	BAKER HUGHES HOLDINGS LLC		
<b>2019291490</b>	Novartis AG		
<b>2019294647</b>	Japan Cash Machine Co., Ltd.		
<b>2019298495</b>	Truma Gerätetechnik GmbH & Co. KG		
<b>2019304042</b>	Permobil AB		
<b>2019312280</b>	Netflix, Inc.		
<b>2019323009</b>	Huawei Technologies Co., Ltd.		
<b>2019326647</b>	Zhuhai United Laboratories Co., Ltd.		
<b>2019328411</b>	GSK Consumer Healthcare SARL		
<b>2019345932</b>	ACO Severin Ahlmann GmbH & Co. KG		
<b>2019381947</b>	Huang, L.		
<b>2019383158</b>	Komatsu Ltd.		
<b>2019392626</b>	Breath Therapeutics GmbH		
<b>2019401240</b>	Okta, Inc.		
<b>2019408509</b>	Shandong Danhong Pharmaceutical Co., Ltd.		
<b>2019419891</b>	Intuit Inc.		
<b>2019426605</b>	Shandong University of Science and Technology; Taishan University		
<b>2020200019</b>	NewMarket Pharmaceuticals LLC		
<b>2020200157</b>	Evolva SA		
<b>2020200430</b>	Evolution Aqua Limited		
<b>2020200626</b>	Hanmi Pharm. Co., Ltd		
<b>2020200649</b>	Huawei Technologies Co., Ltd.		
<b>2020200759</b>	Smith & Nephew, Inc.		
<b>2020200875</b>	Oncoceutics, Inc.		
<b>2020201859</b>	Technological Resources Pty. Limited		
<b>2020201919</b>	The Regents of the University of California		
<b>2020202164</b>	Genomic Health, Inc.		
<b>2020202248</b>	The United States of America, as Represented by the Secretary, Department of Health & Human Services		
<b>2020202509</b>	Hologic, Inc.		
<b>2020202601</b>	Adobe Inc.		
<b>2020202791</b>	The Trustees of The University of Pennsylvania		
<b>2020202823</b>	Regents of the University of Minnesota		
<b>2020202928</b>	MAX CO., LTD.		
<b>2020203145</b>	Ab Initio Technology LLC		
<b>2020204019</b>	Zimmer, Inc.		
<b>2020204345</b>	Weatherford Technology Holdings, LLC		
<b>2020204432</b>	LG Electronics Inc.		
<b>2020210251</b>	Apple Inc.		
<b>2020211766</b>	WheelRight Limited		
<b>2020217329</b>	Penn, C.		
<b>2020239675</b>	Apple Inc.		
<b>2020239752</b>	Apple Inc.		

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2017387700	2018345328	<b><u>A47L 7 /-</u></b>	2017241266	2017268840	2019291490
<b><u>A01F 15 /-</u></b>	<b><u>A42B 3 /-</u></b>	2017225979	2017274197	2017274197	<b><u>A61P 35 /-</u></b>
2017263030	2017222224	<b><u>A47L 9 /-</u></b>	2017289015	2019328411	2017383236
<b><u>A01G 9 /-</u></b>	<b><u>A43B 7 /-</u></b>	2017225979	2017368283	2019392626	2018207318
2017200020	2019284138	<b><u>A61B 1 /-</u></b>	2018250795	2020200019	2018268311
<b><u>A01H 1 /-</u></b>	<b><u>A43C 19 /-</u></b>	2017282666	2018270292	2020200626	2018270292
2018283286	2019284138	2018346706	2018304757	<b><u>A61L 24 /-</u></b>	2018304757
<b><u>A01H 5 /-</u></b>	<b><u>A46B 9 /-</u></b>	<b><u>A61B 17 /-</u></b>	2019291490	2020255286	2022200249
2019226115	2018331426	2017223996	2019326647	<b><u>A61M 1 /-</u></b>	2022200250
2020202823	<b><u>A47B 13 /-</u></b>	2018346706	2019328411	2016228993	<b><u>A61P 37 /-</u></b>
<b><u>A01K 5 /-</u></b>	2018368965	<b><u>A61B 3 /-</u></b>	2019408509	2017209119	2017383236
2016425292	<b><u>A47B 17 /-</u></b>	2017217972	2020200875	2017229483	2019392626
<b><u>A01K 61 /-</u></b>	2018368965	<b><u>A61B 34 /-</u></b>	2020201919	2017270195	<b><u>A61P 7 /-</u></b>
2020331564	<b><u>A47B 3 /-</u></b>	2018346706	2022200249	<b><u>A61M 25 /-</u></b>	2016350296
<b><u>A01N 1 /-</u></b>	2018368965	<b><u>A61B 5 /-</u></b>	2022200250	2017254716	<b><u>A61Q 11 /-</u></b>
2016228993	<b><u>A47B 47 /-</u></b>	2016381563	<b><u>A61K 33 /-</u></b>	<b><u>A61M 31 /-</u></b>	2018433016
<b><u>A01N 25 /-</u></b>	2017212222	2017211594	2016401882	2017268840	<b><u>A61Q 17 /-</u></b>
2018277831	<b><u>A47C 23 /-</u></b>	2017225895	<b><u>A61K 35 /-</u></b>	<b><u>A61M 39 /-</u></b>	2017340812
<b><u>A01N 43 /-</u></b>	2017228871	2017225895	2016228993	2017270195	<b><u>A63B 22 /-</u></b>
2017251616	<b><u>A47C 27 /-</u></b>	<b><u>A61C 17 /-</u></b>	2016250104	<b><u>A61M 5 /-</u></b>	2019251102
2018277831	2017228871	2018331426	2016250905	2017270195	<b><u>A63B 24 /-</u></b>
<b><u>A23C 11 /-</u></b>	<b><u>A47F 1 /-</u></b>	<b><u>A61F 13 /-</u></b>	2016350296	<b><u>A61M 60 /-</u></b>	2020239752
2018244873	2018336797	2017302312	2017365847	2017205172	<b><u>A63B 69 /-</u></b>
<b><u>A23C 19 /-</u></b>	<b><u>A47F 10 /-</u></b>	2017367909	<b><u>A61K 38 /-</u></b>	<b><u>A61N 1 /-</u></b>	2018379133
2017311557	2018336797	2019244571	2017332408	2017211594	<b><u>A63B 71 /-</u></b>
<b><u>A23C 9 /-</u></b>	<b><u>A47F 3 /-</u></b>	<b><u>A61F 2 /-</u></b>	2019392626	2019284138	2020239752
2017311557	2018336797	2017260081	2020200626	<b><u>A61P 1 /-</u></b>	<b><u>A63C 10 /-</u></b>
<b><u>A23J 1 /-</u></b>	<b><u>A47F 5 /-</u></b>	2017268840	2020200875	2016250104	2018252301
2017296082	2018336797	2019287734	2021201104	2017268840	<b><u>B01D 17 /-</u></b>
2018345328	<b><u>A47K 1 /-</u></b>	2020200759	2021201105	2019408509	2019345932
<b><u>A23J 3 /-</u></b>	2017217520	2020202791	<b><u>A61K 39 /-</u></b>	<b><u>A61P 11 /-</u></b>	<b><u>B01D 19 /-</u></b>
2018345328	<b><u>A47K 13 /-</u></b>	2020204019	2016274890	2019326647	2017270195
<b><u>A23L 13 /-</u></b>	2019203870	2017260081	2020200626	<b><u>A61P 21 /-</u></b>	<b><u>B01D 24 /-</u></b>
2018345328	<b><u>A47K 4 /-</u></b>	2017268840	2020200875	2017368283	2020200430
<b><u>A23L 2 /-</u></b>	2017217520	2019287734	2021201104	<b><u>A61P 25 /-</u></b>	<b><u>B01D 53 /-</u></b>
2018244873	<b><u>A47L 15 /-</u></b>	2020202791	2021201105	2016318775	2019381947
	<b><u>A47L 15 /-</u></b>	2020204019	<b><u>A61K 45 /-</u></b>	2017365847	<b><u>B01D 61 /-</u></b>
		2020204019	2018383658	2020201919	2017229483
		<b><u>A61F 9 /-</u></b>	<b><u>A61K 47 /-</u></b>	<b><u>A61P 31 /-</u></b>	<b><u>B01D 63 /-</u></b>
		2020202248	2017218615	2018207318	
		<b><u>A61G 5 /-</u></b>	2019328411		
		2019304042	2020201919		
		<b><u>A61J 1 /-</u></b>	<b><u>A61K 48 /-</u></b>		
		2016228993	2018383658		
		<b><u>A61K 31 /-</u></b>	<b><u>A61K 6 /-</u></b>		
		2016401882	2019277321		
			<b><u>A61K 8 /-</u></b>		
			2017340812		
			2018433016		
			<b><u>A61K 9 /-</u></b>		
			2016401882		

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2017229483	2019284138	<b><u>C01C 1 /-</u></b>		2017299120	2016287440
<b><u>B01D 69 /-</u></b>	<b><u>B41J 2 /-</u></b>	2020396917	<b><u>C07D 417 /-</u></b>	2017340812	2016350296
2017229483	2016404807	<b><u>C02F 1 /-</u></b>	2017251616	2017367909	2017365847
<b><u>B01J 19 /-</u></b>	<b><u>B41J 29 /-</u></b>	2018392927	<b><u>C07D 471 /-</u></b>	<b><u>C08L 21 /-</u></b>	<b><u>C12N 9 /-</u></b>
2020200430	2016404807	<b><u>C02F 9 /-</u></b>	2017251616	2016432187	2016287440
<b><u>B01L 3 /-</u></b>	<b><u>B60W 40 /-</u></b>	2018392927	2019326647	<b><u>C08L 23 /-</u></b>	2020200157
2017237981	2016402225	<b><u>C07C 11 /-</u></b>	<b><u>C07D 487 /-</u></b>	2017367909	<b><u>C12P 15 /-</u></b>
<b><u>B01L 7 /-</u></b>	<b><u>B61L 15 /-</u></b>	2018273238	2017251616	<b><u>C08L 29 /-</u></b>	2020200157
2017277334	2017325445	<b><u>C07C 2 /-</u></b>	2019326647	2017367909	<b><u>C12P 21 /-</u></b>
<b><u>B01L 9 /-</u></b>	<b><u>B61L 23 /-</u></b>	2018273238	<b><u>C07D 491 /-</u></b>	<b><u>C08L 71 /-</u></b>	2017332408
2017277334	2017325445	<b><u>C07C 41 /-</u></b>	2018270292	2017367909	<b><u>C12P 5 /-</u></b>
<b><u>B02C 4 /-</u></b>	<b><u>B63B 22 /-</u></b>	2017340812	<b><u>C07D 495 /-</u></b>	<b><u>C08L 77 /-</u></b>	2016431221
2019275986	2020299129	<b><u>C07C 7 /-</u></b>	2018270292	2017367909	<b><u>C12Q 1 /-</u></b>
<b><u>B03C 1 /-</u></b>	<b><u>B63B 39 /-</u></b>	2018273238	<b><u>C07D 515 /-</u></b>	<b><u>C08L 83 /-</u></b>	2015349809
2017301082	2019277661	<b><u>C07D 209 /-</u></b>	2022200249	2017367909	2017277334
<b><u>B05B 11 /-</u></b>	<b><u>B63G 8 /-</u></b>	2017274197	2022200250	<b><u>C08L 9 /-</u></b>	2020202164
2017295388	2020299129	<b><u>C07D 211 /-</u></b>	<b><u>C07H 19 /-</u></b>	2016432187	<b><u>C25B 1 /-</u></b>
<b><u>B25B 13 /-</u></b>	<b><u>B65B 63 /-</u></b>	2017289015	2017368283	<b><u>C09D 167 /-</u></b>	2020396917
2017212610	2017228871	<b><u>C07D 213 /-</u></b>	<b><u>C07H 21 /-</u></b>	2017299120	<b><u>C25B 11 /-</u></b>
<b><u>B25H 3 /-</u></b>	<b><u>B65D 30 /-</u></b>	2017359604	2017368283	<b><u>C09F 9 /-</u></b>	2020396917
2016309923	2020338696	2017361257	<b><u>C07K 1 /-</u></b>	2017299120	<b><u>D05C 15 /-</u></b>
<b><u>B26D 1 /-</u></b>	<b><u>B65D 33 /-</u></b>	<b><u>C07D 239 /-</u></b>	2017332408	<b><u>C09J 9 /-</u></b>	2021236510
2017212610	2020338696	2018250795	<b><u>C07K 14 /-</u></b>	2017367909	<b><u>D06P 3 /-</u></b>
<b><u>B29B 11 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C07D 249 /-</u></b>	2017332408	<b><u>C09K 8 /-</u></b>	2018289505
2017368294	2020338696	2018207318	2018283286	2016432187	<b><u>D06P 5 /-</u></b>
<b><u>B29C 43 /-</u></b>	<b><u>B65D 77 /-</u></b>	2017340812	2020200626	<b><u>C12G 3 /-</u></b>	2018289505
2017368294	2016328081	2019408509	2021201104	2018244873	<b><u>E02F 3 /-</u></b>
<b><u>B29C 45 /-</u></b>	<b><u>B65D 83 /-</u></b>	2017251616	2021201105	<b><u>C12M 3 /-</u></b>	2019383158
2016429081	2017316746	2017359604	<b><u>C07K 16 /-</u></b>	2016350296	<b><u>E02F 9 /-</u></b>
<b><u>B29C 49 /-</u></b>	<b><u>B65H 75 /-</u></b>	2017383236	2016274890	<b><u>C12N 1 /-</u></b>	2019383158
2018368965	2020202928	2018304757	<b><u>C07K 5 /-</u></b>	2017434920	<b><u>E03C 1 /-</u></b>
<b><u>B29C 70 /-</u></b>	<b><u>B67D 1 /-</u></b>	2019291490	2018207318	<b><u>C12N 15 /-</u></b>	2018297218
2017368294	2017217520	<b><u>C07D 403 /-</u></b>	<b><u>C07K 7 /-</u></b>	2015346162	<b><u>E03D 1 /-</u></b>
<b><u>B29L 31 /-</u></b>	2017316746	2017368283	2021201104	2016287440	2019203870
2018368965	<b><u>B68G 9 /-</u></b>	2018268311	2021201105	2016350296	<b><u>E03D 5 /-</u></b>
<b><u>B32B 27 /-</u></b>	2017228871	<b><u>C07D 405 /-</u></b>	<b><u>C08G 65 /-</u></b>	2017332408	2019203870
2019284138	<b><u>B81B 7 /-</u></b>	2017368283	2017340812	2017434920	<b><u>E03F 1 /-</u></b>
<b><u>B32B 7 /-</u></b>	2016357096	2018268311	<b><u>C08J 3 /-</u></b>	2018283286	2019203870
		<b><u>C07D 409 /-</u></b>	2017367909	2020200157	<b><u>E03F 5 /-</u></b>
		2018268311	<b><u>C08K 5 /-</u></b>	2020202823	2019345932
		<b><u>C07D 413 /-</u></b>	2016432187	<b><u>C12N 5 /-</u></b>	
		2017251616		2016228993	
		2018268311		2016250905	

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2020217329	2017228871	2017205931	<b><u>G01N 27 /-</u></b>	2016313409	<b><u>G06V 10 /-</u></b>
<b><u>E04G 17 /-</u></b>	<b><u>F16F 3 /-</u></b>	<b><u>F25D 23 /-</u></b>	2016361433	2017263291	2017338783
2020217329	2017228871	2019235973	<b><u>G01N 29 /-</u></b>	2019265858	2020202601
<b><u>E04H 4 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>F25D 27 /-</u></b>	2017245369	2019271954	<b><u>G06V 20 /-</u></b>
2018379133	2016394232	2019235973	<b><u>G01N 33 /-</u></b>	2019401240	2020202601
2020200430	<b><u>F16L 13 /-</u></b>	<b><u>F42B 12 /-</u></b>	2015349809	<b><u>G06F 3 /-</u></b>	<b><u>G06V 30 /-</u></b>
<b><u>E05B 55 /-</u></b>	2016370468	2015412218	2016361433	2017210821	2020211766
2020294151	2016370468	2015412218	2017237981	2019287652	<b><u>G07D 11 /-</u></b>
<b><u>E05B 63 /-</u></b>	<b><u>F16L 37 /-</u></b>	<b><u>G01B 11 /-</u></b>	2021201104	2020210251	2019294647
2020294151	2016370468	2018308947	2021201105	2020239675	
<b><u>E21B 19 /-</u></b>	<b><u>F16L 47 /-</u></b>	<b><u>G01R 19 /-</u></b>	<b><u>G01R 19 /-</u></b>	2020239752	
2014209142	2016370468	2018206676	2018206676	<b><u>G06F 40 /-</u></b>	<b><u>G07F 9 /-</u></b>
2017351066	<b><u>F24C 11 /-</u></b>	<b><u>G01B 5 /-</u></b>	<b><u>G01R 27 /-</u></b>	2019280005	2018336797
<b><u>E21B 23 /-</u></b>	2016346866	2017387700	2016361433	<b><u>G06F 9 /-</u></b>	<b><u>G08B 21 /-</u></b>
2020204345	<b><u>F24C 3 /-</u></b>	<b><u>G01C 19 /-</u></b>	<b><u>G01V 5 /-</u></b>	2019256257	2017235958
<b><u>E21B 33 /-</u></b>	2016346866	2019277661	2018329843	2019287652	<b><u>G08C 17 /-</u></b>
2020204345	<b><u>F24C 7 /-</u></b>	<b><u>G01D 5 /-</u></b>	<b><u>G02B 17 /-</u></b>	2020203145	2018206676
<b><u>E21B 41 /-</u></b>	2016346866	2018308947	2017217930	2020210251	<b><u>G06K 9 /-</u></b>
2019289089	<b><u>F24D 19 /-</u></b>	<b><u>G01F 11 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>G09G 3 /-</u></b>
<b><u>E21B 43 /-</u></b>	2019298495	2017295388	2016402225	2017387700	2017210821
2016394232	<b><u>F24D 3 /-</u></b>	<b><u>G01F 15 /-</u></b>	2017375951	2018394106	2019419891
2019289089	2019298495	2017295388	<b><u>G02B 30 /-</u></b>	2020211766	<b><u>G10K 11 /-</u></b>
<b><u>E21B 44 /-</u></b>	<b><u>F24F 1 /-</u></b>	<b><u>G01G 17 /-</u></b>	2017217972	<b><u>G06N 3 /-</u></b>	2018215536
2020201859	2018417096	2016425292	<b><u>G03B 17 /-</u></b>	2017338783	<b><u>G10L 19 /-</u></b>
<b><u>E21B 47 /-</u></b>	2019246289	<b><u>G01H 9 /-</u></b>	<b><u>G03B 35 /-</u></b>	<b><u>G06N 5 /-</u></b>	2020294304
2017351066	<b><u>F24F 11 /-</u></b>	2018308947	2017217972	2019289089	2021200095
<b><u>E21C 35 /-</u></b>	2017364256	<b><u>G01J 1 /-</u></b>	<b><u>G03B 17 /-</u></b>	<b><u>G06N 99 /-</u></b>	<b><u>G10L 21 /-</u></b>
2016269494	2018417096	2017215445	<b><u>G05B 15 /-</u></b>	2017322386	2018215536
<b><u>E21F 13 /-</u></b>	<b><u>F24S 30 /-</u></b>	2016357096	2017364256	<b><u>G06Q 10 /-</u></b>	2021200095
2019204572	2016333140	<b><u>G01J 3 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>G11B 11 /-</u></b>
<b><u>F02N 11 /-</u></b>	2020260458	2018308947	2017364256	2016402225	2017217930
2018403192	<b><u>F25B 1 /-</u></b>	<b><u>G01K 11 /-</u></b>	<b><u>G05G 1 /-</u></b>	2018202510	2018336797
<b><u>F16B 12 /-</u></b>	2020240773	2018308947	2019275986	2019265858	2019265858
2017212222	2019235973	<b><u>G01M 13 /-</u></b>	<b><u>G06F 12 /-</u></b>	2020239752	2020239752
<b><u>F16B 5 /-</u></b>	<b><u>F25B 21 /-</u></b>	2019426605	2016313409	<b><u>G06Q 50 /-</u></b>	2017217930
2017212222	2019235973	<b><u>G01M 3 /-</u></b>	<b><u>G05F 15 /-</u></b>	<b><u>G06T 11 /-</u></b>	<b><u>H01L 27 /-</u></b>
<b><u>F16C 37 /-</u></b>	<b><u>F25B 40 /-</u></b>	2020244485	2017355448	2019289089	2017294604
2019277661	2020240773	<b><u>G01N 21 /-</u></b>	<b><u>G06F 16 /-</u></b>	<b><u>G06T 11 /-</u></b>	<b><u>H01L 29 /-</u></b>
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		2018308947	2017322386	<b><u>G06T 19 /-</u></b>	<b><u>H01M 6 /-</u></b>
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				2017375951	<b><u>H01R 13 /-</u></b>
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				<b><u>G06T 7 /-</u></b>	<b><u>H01R 24 /-</u></b>
				2017225895	2018206676
				2017338783	
				2017375951	

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2016429081	<b><u>H04S 3 /-</u></b>
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2018403192	2019273268
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2017397532	2021258090
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2016333140	2019250727
2020260458	<b><u>H04W 56 /-</u></b>
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2017294604	2020267303
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2021286238	2016431911
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2017255411	2021258090
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2019257143	
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2019287652	

**Certified Innovation Patents**

**Name Index**

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

- 
- (71) Apple Inc.  
 (11) AU-B-2021102471  
 (21) 2021102471 (22) 11.05.2021  
 (54) System, method and user interface for supporting scheduled mode changes on electronic devices  
 (51) Int. Cl.  
*G06F 3/00* ( 2006.01 )  
*H04M 1/724* ( 2021.01 )  
 (31) 16/948374 (32) 15.09.20 (33) US 63/023214 11.05.20 US  
 (45) 10.02.2022  
 (72) CROWLEY, Matthew W.; CARO, Pablo F.; NAGUIT, Charmian B.; APO-DACA, Gregory M.; FENNIS, Jules K.; MOUILLESEAUX, Jean-Pierre M.; CAVANDER, Dmitri; LEMAY, Stephen O.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) HITIQ LIMITED  
 (11) AU-B-2021107528  
 (21) 2021107528 (22) 30.08.2021  
 (54) TECHNOLOGY ADAPTED TO FACILITATE USER-SPECIFIC CALIBRATION OF INSTRUMENTED MOUTHGUARD DEVICES, INCLUDING CALIBRATION METHODS FOR INSTRUMENTED MOUTHGUARD DEVICES  
 (51) Int. Cl.  
*A61B 5/11* ( 2006.01 )  
*A63B 71/08* ( 2006.01 )  
 (45) 10.02.2022  
 (62) PCT/AU2021/050209  
 (72) Vegar, Mike; Nizette, Ben  
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
- 
- (71) Marine Stainless & Alloy Solutions  
 (11) AU-B-2019100653  
 (21) 2019100653 (22) 17.06.2019  
 (54) Lifting Device  
 (51) Int. Cl.  
*B63B 23/48* ( 2006.01 )  
*B63B 23/02* ( 2006.01 )  
*B66D 3/20* ( 2006.01 )  
*B66F 7/02* ( 2006.01 )  
 (45) 10.02.2022  
 (72) Tuesley, Tony  
 (74) Raven IP
- 
- (71) McGrath, G.  
 (11) AU-B-2021101919  
 (21) 2021101919 (22) 14.04.2021  
 (54) Improved door lock  
 (51) Int. Cl.  
*E05B 49/00* ( 2006.01 )  
*E05B 1/00* ( 2006.01 )
- 
- (45) 10.02.2022  
 (62) 2017368447  
 (72) McGrath, Graeme  
 (74) Spruson & Ferguson
- 
- (71) Otto Graf GmbH Kunststoffzeugnisse  
 (11) AU-B-2021107601  
 (21) 2021107601 (22) 04.11.2021  
 (54) Method for preparing stacks of percolation block elements for transportation on a pallet suitable for sea containers  
 (51) Int. Cl.  
*B65D 71/00* ( 2006.01 )  
*E03F 1/00* ( 2006.01 )  
 (45) 10.02.2022  
 (62) 2019237156  
 (72) Graf, Otto P.  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) RAKMAN INTERNATIONAL PTY LTD  
 (11) AU-B-2021102986  
 (21) 2021102986 (22) 31.05.2021  
 (54) AN ACCESS PANEL ASSEMBLY AND AN ASSOCIATED METHOD  
 (51) Int. Cl.  
*E06B 5/16* ( 2006.01 )  
*A62C 2/06* ( 2006.01 )  
*E04B 1/90* ( 2006.01 )  
*E04B 9/00* ( 2006.01 )  
*E06B 5/01* ( 2006.01 )  
 (31) 2020901813 (32) 02.06.20 (33) AU  
 (45) 10.02.2022  
 (72) Rakic, John  
 (74) Patentec Patent Attorneys

**Numerical Index**

**2019100653** Marine Stainless & Alloy Solutions  
**2021101919** McGrath, G.  
**2021102471** Apple Inc.  
**2021102986** RAKMAN INTERNATIONAL PTY LTD  
**2021107528** HITIQ LIMITED  
**2021107601** Otto Graf GmbH Kunststoffzeugnisse

**IPC Index**

**A61B 5 /-**

2021107528

**A62C 2 /-**

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**A63B 71 /-**

2021107528

**B63B 23 /-**

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**E03F 1 /-**

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**E04B 1 /-**

2021102986

**E04B 9 /-**

2021102986

**E05B 1 /-**

2021101919

**E05B 49 /-**

2021101919

**E06B 5 /-**

2021102986

**G06F 3 /-**

2021102471

**H04M 1 /-**

2021102471



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Dismissed**

2018201714 **ESCO Group LLC ( CQMS PTY LTD )**

**Patents Granted**

**Standard Patents**

2013213708	2014262374	2015270774	2015275870
2015328359	2015330738	2015341444	2015353416
2015355546	2015360694	2015394619	2015407367
2015417390	2016207964	2016208475	2016209313
2016221451	2016224962	2016238317	2016252864
2016255749	2016258869	2016259976	2016260525
2016262100	2016262843	2016263309	2016282791
2016285720	2016287508	2016288808	2016291680
2016294185	2016294597	2016295391	2016299856
2016299873	2016307249	2016311352	2016317723
2016322966	2016333025	2016333148	2016336431
2016340039	2016341081	2016341984	2016345400
2016348436	2016357286	2016359227	2016359673
2016360968	2016361043	2016365594	2016366390
2016366641	2016366741	2016379188	2016380866
2016381103	2016385411	2016396754	2016403775
2016419846	2016424004	2016427773	2017204168
2017208431	2017215178	2017218649	2017220193
2017222683	2017223094	2017224473	2017226825
2017229417	2017238637	2017239014	2017245406
2017248672	2017249059	2017250018	2017255410
2017257508	2017258484	2017261857	2017265178
2017267476	2017268710	2017269726	2017272523
2017274078	2017275182	2017275411	2017276507
2017277293	2017277398	2017280359	2017281229
2017281426	2017291258	2017301971	2017305029
2017306158	2017307009	2017315312	2017315398
2017316222	2017316287	2017316754	2017317575
2017319776	2017323306	2017324939	2017341952
2017343457	2017346516	2017348074	2017349979
2017350544	2017371047	2017372727	2017376441
2017376446	2017387146	2017425816	2018214949
2018246120	2018247342	2018256934	2018269147
2018269947	2018272337	2018273044	2018273174
2018287163	2018292146	2018312837	2018317368
2018318694	2018325433	2018336236	2018340246
2018345258	2018355531	2018356945	2018358768
2018361976	2018362078	2018367477	2018368589
2018372397	2018373559	2018374383	2018375426
2018385519	2018388998	2018403405	2018413431
2018413636	2018417772	2018425646	2018427248
2018429030	2019201314	2019203670	2019206124
2019206388	2019210225	2019211453	2019211888
2019212750	2019214077	2019218187	2019218449
2019220456	2019221574	2019222568	2019222875
2019222947	2019223037	2019224862	2019226270
2019226271	2019226297	2019231573	2019232849
2019240562	2019240720	2019243408	2019247818
2019248674	2019250117	2019250200	2019251090
2019260690	2019264577	2019264654	2019268086
2019268116	2019268133	2019268163	2019279909
2019281667	2019283637	2019283767	2019283785
2019283996	2019285304	2019309669	2019320619
2019321065	2019340746	2019346831	2019364011
2019382159	2019395240	2019415050	2019417294
2020200095	2020200523	2020200653	2020200660
2020200661	2020200664	2020200677	2020202271
2020202370	2020202403	2020202722	2020202771
2020202893	2020202953	2020203256	2020203316
2020204453	2020205288	2020207876	2020220073

**Patents Granted**

**Standard Patents**

2020220207	2020227038	2020256344	2020257023
2020281114	2020286312	2020294183	2020327345
2020363970	2020376449	2021200407	2021204836
20221206871			

**Innovation Patents**

2018102232	2021107630	2021107652	2021107653
2021107654	2022100002	2022100003	2022100004
2022100005	2022100006	2022100008	

**Revocation**

It is hereby notified that the offer by the Patentee **Central South University; Brealant Limited** to surrender Patent 2021101714 which was advertised in the Official Journal of 07.10.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

**Assignments Registered**

2003220749 Telecom Productions, Inc. The patent has been assigned to **Scientific Games, Inc.**

2004273936 ClariDy Solutions, Inc. The patent has been assigned to **MiTAC Information Technology Corporation**

2004303719 De Staat Der Nederlanden, Vertegenwoordigd Door De Minister Van Volksgezondheid, Welzijn En Sport The patent has been assigned to **Intravacc B.V.**

2005297522 dormakaba Deutschland GmbH The patent has been assigned to **Dorma-Glas GmbH**

2007316869 Lau, Andrew The patent has been assigned to **PAPST LICENSING GMBH & CO. KG**

2009212979 Lee, In Tae The patent has been assigned to **SOLUM MENTALCARE CO., LTD.**

2011256957 ARC Medical Design Limited The patent has been assigned to **KeyMed (Medical & Industrial Equipment) Limited**

2011338938 SurgiGyn, Inc. The patent has been assigned to **Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America**

2012278407 De Staat der Nederlanden, vert. door de Minister van VWS The patent has been assigned to **Intravacc B.V.**

2013200903 IGM Biosciences, Inc. The patent has been assigned to **MCure Biosciences Inc.**

2013228096 De Staat der Nederlanden, vert. door de Minister van VWS Ministerie van Volksgezondheid, Welzijn en Sport The patent has been assigned to **Intravacc B.V.**

2013253074 BioMarin Technologies B.V. The patent has been assigned to **Vico Therapeutics B.V.; BioMarin Technologies B.V.**

2013263814 ARC Medical Design Limited The patent has been assigned to **KeyMed (Medical & Industrial Equipment) Limited**

2013295924 ChongQing Taihao Pharmaceutical Co., Ltd. The patent has been assigned to **Chongqing Sintaho Pharmaceutical Co., Ltd.**

2014239220 Bazoberry, LLC The patent has been assigned to **Boston Wine Devices, LLC**

2014345342 Optibiotix Limited The patent has been assigned to **Probiotix Health Limited**

**Assignments Registered**

- 2014345343 Optibiotix Limited The patent has been assigned to **Probiotix Health Limited**
- 2015200349 SurgiGyn, Inc. The patent has been assigned to **Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America**
- 2015201260 Grifols, S.A. The patent has been assigned to **F. Hoffmann-La Roche AG**
- 2015203443 ARC Medical Design Limited The patent has been assigned to **KeyMed (Medical & Industrial Equipment) Limited**
- 2015264816 dormakaba Deutschland GmbH The patent has been assigned to **Dorma-Glas GmbH**
- 2015264823 dormakaba Deutschland GmbH The patent has been assigned to **Dorma-Glas GmbH**
- 2015264825 dormakaba Deutschland GmbH The patent has been assigned to **Dorma-Glas GmbH**
- 2015264826 dormakaba Deutschland GmbH The patent has been assigned to **Dorma-Glas GmbH**
- 2015264836 dormakaba Deutschland GmbH The patent has been assigned to **Dorma-Glas GmbH**
- 2015269211 Zeus Industrial Products, Inc. The patent has been assigned to **Zeus Company Inc.**
- 2015317790 Cloudgenix, Inc. The patent has been assigned to **Palo Alto Networks, Inc.**
- 2016200343 Chongqing Taihao Pharmaceutical Co., Ltd The patent has been assigned to **Chongqing Sintaho Pharmaceutical Co., Ltd.**
- 2016200542 Anglo American Services UK Limited The patent has been assigned to **Anglo American Technical And Sustainability Services Ltd**
- 2016228311 SurgiGyn, Inc. The patent has been assigned to **Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America**
- 2016247172 Anglo American Services (UK) Ltd The patent has been assigned to **Anglo American Technical And Sustainability Services Ltd**
- 2016269722 De Staat der Nederlanden, vert. door de Minister van VWS, Ministerie van Volksgezondheid, Welzijn en Sport The patent has been assigned to **Intravacc B.V.**
- 2016272843 Cytec Industrial Materials (Derby) Limited The patent has been assigned to **Cytec Engineered Materials Ltd.**
- 2017204490 Anglo American Services (UK) Ltd The patent has been assigned to **Anglo American Technical And Sustainability Services Ltd**
- 2017211975 De Staat der Nederlanden, vert. door de minister van VWS, Ministerie van Volksgezondheid, Welzijn en Sport The patent has been assigned to **Intravacc B.V.**
- 2017213129 De Staat der Nederlanden, vert. door de Minister van VWS Ministerie van Volksgezondheid Welzijn en Sport The patent has been assigned to **Intravacc B.V.**
- 2017219017 ARC Medical Design Limited The patent has been assigned to **KeyMed (Medical & Industrial Equipment) Limited**
- 2017276325 Anglo American Services (UK) Ltd The patent has been assigned to **Anglo American Technical And Sustainability Services Ltd**

**Assignments Registered**

- 2018203387 Anglo American Services (UK) Ltd The patent has been assigned to **Anglo American Technical And Sustainability Services Ltd**
- 2018204736 Anglo American Services (UK) Ltd The patent has been assigned to **Anglo American Technical And Sustainability Services Ltd**
- 2021103161 Bauer, Robert The patent has been assigned to **Strudel Boy Pty Ltd**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

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

2011304285 **Eisai R&D Management Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 16 Jul 2021

For the goods DAYVIGO lemborexant

Extension of Term of patent pursuant to Section 77 expires on 16 Jul 2036

2015336463 **Eisai R&D Management Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 16 Jul 2021

For the goods DAYVIGO lemborexant

Extension of Term of patent pursuant to Section 77 expires on 16 Jul 2036

**Corrigenda**

In Vol 35 , No 45 , Page(s) 8737 under the heading **Assignments Before Grant, Section 113 - 2017** Under the name Grail, LLC., Application No. 2017355732, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019234843, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019249422, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019253112, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019269742, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019277698, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019351130, under INID (71) correct the name to Grail, LLC

## Corrigenda

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019401636, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019403269, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name Grail, LLC., Application No. 2019404445, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Grail, LLC., Application No. 2020212057, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Grail, LLC., Application No. 2020217719, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Grail, LLC., Application No. 2020219853, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name Grail, LLC., Application No. 2020254695, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8738 under the heading **Assignments Before Grant, Section 113 - 2021** Under the name Grail, LLC., Application No. 2021200391, under INID (71) correct the name to Grail, LLC

In Vol 35 , No 45 , Page(s) 8904 under the heading **Assignments Registered** Under the name Grail, LLC., Application No. 2017290237, under INID (71) correct the name to Grail, LLC

In Vol 36 , No 4 , Page(s) 415 under the heading **Amendments - Application for Amendments** Under the name Astrazeneca AB, Application No. 2016308262 correct the date of the statements filed to read 24 December 2021 and 25 October 2021

In Vol 36 , No 4 , Page(s) 416 under the heading **Amendments - Amendments Made** Under the name The Procter & Gamble Company, Application No. 2020301334, under INID (31) correct the Priority No. to read PCT/CN2019/093507

In Vol 36 , No 5 , Page(s) 566 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021202513.

## Specifications Republished

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

2013213708 **SARB Management Group Pty Ltd**  
2017314842 **Curtana Pharmaceuticals, Inc.**  
2018246551 **Nippon Steel Corporation**