



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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or contact our Customer Service Network on 1300651010*

Editorial enquiries

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Country Codes

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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>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
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>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
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>
E) Patents Certified – Name Index	
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)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

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

(71) 5B IP Holdings Pty Ltd (21) 2022903226 (22) 31.10.2022 (54) Photovoltaic Converter and Photovoltaic Arrays	(71) Browne, R. (21) 2022903172 (22) 26.10.2022 (54) A HAMMER DRILL ATTACHMENT	(71) Coma, A. (21) 2022903151 (22) 25.10.2022 (54) outside air purifier
(71) Affinity Windows (21) 2022903193 (22) 27.10.2022 (54) Recessed sliding door sill and sub sill with drainage.	(71) Bucher Municipal Pty Ltd (21) 2022903213 (22) 28.10.2022 (54) Bulk waste compaction apparatus	(71) Contoleon, G. (21) 2022903223 (22) 27.10.2022 (54) Gold nd Precious Metal From Deep Plutonic origins Involving High and Low Silica and Sussequent Top Surface Results
(71) Asbestos Reports Australia Pty Limited (21) 2022903186 (22) 27.10.2022 (54) GENERATION AND SHARING OF SECURE DATA RECORDS FOR POINT-IN-TIME VERIFICATION OF IDENTITY AND LOCATION	(71) Bucher Municipal Pty Ltd (21) 2022903214 (22) 28.10.2022 (54) Refuse collection vehicle for recyclable and other waste material	(71) Corrix Pty Ltd (21) 2022903207 (22) 28.10.2022 (54) System and method for growing fungal mycelium
(71) AVICENA SYSTEMS LTD (21) 2022903149 (22) 24.10.2022 (54) High-throughput analysis unit	(71) C2 Water (SPV) Pty Ltd (21) 2022903194 (22) 27.10.2022 (54) A method for reducing accumulation of foulants on reverse osmosis membranes and a groundwater desalination system	(71) Croft Infrastructure Designs Pty Ltd (21) 2022903166 (22) 26.10.2022 (54) Dispersing the Eastern Freeway traffic
(71) Badcock, R.; Huang, X. (21) 2022903167 (22) 26.10.2022 (54) IMPROVED OPTICAL FIBRE SENSING	(71) Calligeros, G. (21) 2022903227 (22) 31.10.2022 (54) Pool Wickets	(71) Cryocrusher Pty Ltd (21) 2022903191 (22) 27.10.2022 (54) A cryogenic system and method for processing waste tires
(71) Boesten, L. (21) 2022903184 (22) 27.10.2022 (54) Magpie and bird attack resistant bicycle helmet	(71) Carson, W. (21) 2022903171 (22) 26.10.2022 (54) VENT, DRAIN & EMBER GUARD FOR ROOF CLADDING	(71) Deep Liquid Pty Ltd (21) 2022903144 (22) 24.10.2022 (54) Mechanical Beverage Device
(71) Breakaway Solutions PTY LTD (21) 2022903200 (22) 28.10.2022 (54) Carbon fiber reinforced battery for wireless electronic gear shifting for bicycles	(71) Clarity Pharmaceuticals Limited (21) 2022903169 (22) 26.10.2022 (54) IDENTIFICATION AND/OR TREATMENT OF CANCER	(71) de Haaij, D. (21) 2022903130 (22) 23.10.2022 (54) Simplified feed mechanism for planar LPDA
(71) Breville Pty Limited (21) 2022903156 (22) 25.10.2022 (54) Control assembly for a kettle	(71) Close the Loop Technologies Pty Ltd (21) 2022903178 (22) 27.10.2022 (54) PACKAGE FOR SORTING AND METHOD OF CONFIGURING PACKAGE FOR SORTING	(71) Dimmock, M.S.; Stephen, C.C. (21) 2022903158 (22) 25.10.2022 (54) A vessel for gas transportation and storage

Provisional Applications Filed - Name Index cont'd

(71) Diptech Pte Limited
(21) 2022903210 (22) 28.10.2022
(54) Biodegradable elastomeric articles and methods for their production

(71) Earthpak Pty Ltd
(21) 2022903216 (22) 28.10.2022
(54) Novel Thermostable Enzymes

(71) Ecoganic Pty Ltd
(21) 2022903196 (22) 28.10.2022
(54) Entomopathogenic Fungal Isolates

(71) Eco Shield Systems Pty Ltd.
(21) 2022903212 (22) 28.10.2022
(54) Plant support structure and system

(71) EMvision Medical Devices Ltd
(21) 2022903163 (22) 26.10.2022
(54) Clutter mitigation apparatus and process for electromagnetic imaging

(71) FASTBRICK IP PTY LTD
(21) 2022903173 (22) 26.10.2022
(54) ROBOTIC CONSTRUCTION MACHINE

(71) Fertilis Pty Ltd
(21) 2022903148 (22) 24.10.2022
(54) Single Cell Handling Device

(71) FRANCE, M.W.
(21) 2022903183 (22) 27.10.2022
(54) A Magnetically Sealable Bag

(71) Genetic Technologies Limited
(21) 2022903204 (22) 28.10.2022
(54) Methods of assessing risk of developing pancreatic cancer

(71) GHOST PACKERS
(21) 2022903154 (22) 25.10.2022
(54) GHOST PACKER - Stepped, Segmentable Construction Packer

(71) GlyTherix Ltd.
(21) 2022903168 (22) 26.10.2022
(54) Stable anti-GPC-1 antibodies and uses thereof

(71) Gravida Health
(21) 2022903201 (22) 28.10.2022
(54) AN APPARATUS AND METHOD FOR GUIDING OR FACILITATING INSERTION OF AN ELONGATED MEDICAL DEVICE INTO AN ANATOMICAL OPENING

(71) Habla Zig-Zag Kilns International Pty. Ltd.
(21) 2022903145 (22) 24.10.2022
(54) A Continuous Kiln

(71) Hardfacing Industries WA Pty Ltd
(21) 2022903161 (22) 25.10.2022
(54) SYSTEM AND METHOD FOR AUTOMATICALLY LIMITING MOBILE DEVICE FUNCTIONALITY

Huang, X. see Badcock, R.
(21) 2022903167

(71) Hudson Institute of Biomedical Research
(21) 2022903198 (22) 28.10.2022
(54) METHODS FOR TREATING SMALL CELL LUNG CANCER

(71) Icon23 Pty Ltd
(21) 2022903203 (22) 28.10.2022
(54) A puzzle

(71) Idrizi, I.
(21) 2022903225 (22) 31.10.2022
(54) Gym accessory that can converge multiple pulley systems to one system or contralaterally diverge one pulley system to multiple accessories

(71) Intratek Australia Pty Ltd
(21) 2022903155 (22) 25.10.2022
(54) A device for insulating a concrete body

(71) JJ & D INNOVATIONS PTY LTD
(21) 2022903215 (22) 28.10.2022
(54) A RETENTION DEVICE AND METHOD OF USE THEREOF

(71) Kegland Holdings Pty Ltd
(21) 2022903162 (22) 26.10.2022
(54) PRESSURE REGULATOR

(71) KINALTEK PTY. LTD.
(21) 2022903197 (22) 28.10.2022
(54) Low temperature synthesis of carbon-silicon composites

(71) Koch, C.
(21) 2022903187 (22) 27.10.2022
(54) TIRE SAFETY APPARATUS

(71) Mark Gilbert IP Pty Ltd
(21) 2022903177 (22) 27.10.2022
(54) Conveyor belt scraper assembly

(71) Maxey, J.
(21) 2022903219 (22) 30.10.2022
(54) Universal Umbrella Adapter

(71) Miller, P.
(21) 2022903146 (22) 24.10.2022
(54) A joist hanger

(71) Monash University
(21) 2022903205 (22) 28.10.2022
(54) Metal alloys

(71) Nuheara IP Pty Ltd
(21) 2022903217 (22) 29.10.2022
(54) EAR TIP

(71) Nunhems B.V.
(21) 2022903152 (22) 25.10.2022
(54) Lettuce Variety NUN 07845 LTL

(71) Opal Packaging Australia Pty Ltd
(21) 2022903179 (22) 27.10.2022
(54) A carton, a blank for a carton and a method of forming the blank

(71) Operational Fire Pty Ltd
(21) 2022903195 (22) 27.10.2022
(54) A device for winding up a hose

(71) Pagden, K.
(21) 2022903150 (22) 24.10.2022
(54) Hi/lo density evaporative filter panel

(71) Pashley, R.
(21) 2022903176 (22) 27.10.2022
(54) Novel regeneration of mixed bed ion exchange resins for seawater desalination.

(71) Patriot Campers Holdings Pty Ltd
(21) 2022903224 (22) 31.10.2022
(54) Cabinet

(71) Pipe Couplings (Australasia) Pty Limited
(21) 2022903147 (22) 24.10.2022
(54) A frame for confining products

(71) Porter, R.
(21) 2022903221 (22) 31.10.2022
(54) Environmental Restoration Apparatus and Method

(71) Rhino Rack Australia Pty Limited
(21) 2022903180 (22) 27.10.2022
(54) A ROOF RACK FOR A MOTOR VEHICLE

Provisional Applications Filed - Name Index cont'd

(71) Rhino Rack Australia Pty Limited
 (21) 2022903185 (22) 27.10.2022
 (54) AN ITEM CARRYING DEVICE FOR A VEHICLE

(71) Romeo Solutions Pty Ltd
 (21) 2022903165 (22) 26.10.2022
 (54) Bearing Heat Sensor

(71) Scolaro, A.
 (21) 2022903174 (22) 27.10.2022
 (54) A Clean Energy Drive

(71) Scolaro, A.
 (21) 2022903199 (22) 28.10.2022
 (54) A Drive System

Stephen, C.C. see Dimmock, M.S.
 (21) 2022903158

(71) Stewart, T.
 (21) 2022903175 (22) 27.10.2022
 (54) Mobile dispersing bin

(71) Suburban Insights Pty Ltd
 (21) 2022903189 (22) 27.10.2022
 (54) GEOGRAPHIC INFORMATION SYSTEM AND METHOD

(71) Symons, J.
 (21) 2022903220 (22) 30.10.2022
 (54) Livestream baggage as it enters collection carousel - onto screen for easy viewing when there's a crowd and via app for people not in collection area

(71) The Florey Institute of Neuroscience and Mental Health
 (21) 2022903153 (22) 25.10.2022
 (54) TREATMENT METHODS AND USES THEREOF

(71) The George Institute for Global Health
 (21) 2022903170 (22) 26.10.2022
 (54) Stable API Formulations

(71) The University of Melbourne
 (21) 2022903159 (22) 25.10.2022
 (54) Detecting attacks on machine learning systems

(71) The University of Melbourne
 (21) 2022903182 (22) 27.10.2022
 (54) SYSTEM, METHOD AND DEVICE FOR DETECTING EXCESSIVE DATA EXPOSURES

(71) THE UNIVERSITY OF MELBOURNE
 (21) 2022903188 (22) 27.10.2022
 (54) "Methods of treating insulin resistance and associated disorders"

(71) Think Digital XR Pty Ltd
 (21) 2022903157 (22) 25.10.2022
 (54) SYSTEM AND METHOD FOR INTERPRETATION OF LIVESTOCK IMAGES USING MACHINE LEARNING

(71) UNIVERSITY OF TASMANIA
 (21) 2022903206 (22) 28.10.2022
 (54) Electrophoretic method, devices and systems

(71) UNIVERSITY OF TASMANIA
 (21) 2022903209 (22) 28.10.2022
 (54) Electrophoretic method, devices and systems

(71) Volt Solar Tile Pty Ltd
 (21) 2022903164 (22) 26.10.2022
 (54) A SOLAR ROOF TILE

(71) VULCO S.A.
 (21) 2022903181 (22) 27.10.2022
 (54) A VIBRATING SCREEN AND DAMAGE DETECTION SYSTEM

(71) Wooderson, K.
 (21) 2022903202 (22) 28.10.2022
 (54) SYSTEM AND METHOD FOR IDENTIFYING SERIALISED ASSETS

(71) Xero Limited
 (21) 2022903160 (22) 25.10.2022
 (54) Graphical user interface

(71) Zubonja, A.
 (21) 2022903208 (22) 28.10.2022
 (54) laundromat owner

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2022903156	Breville Pty Limited		
2022903157	Think Digital XR Pty Ltd		
2022903158	Dimmock, M.S.; Stephen, C.C.		
2022903159	The University of Melbourne		
2022903160	Xero Limited		
2022903161	Hardfacing Industries WA Pty Ltd		
2022903162	Kegland Holdings Pty Ltd		
2022903163	EMvision Medical Devices Ltd		
2022903164	Volt Solar Tile Pty Ltd		
2022903165	Romeo Solutions Pty Ltd		
2022903166	Croft Infrastructure Designs Pty Ltd		
2022903167	Badcock, R.; Huang, X.		
2022903168	GlyTherix Ltd.		
2022903169	Clarity Pharmaceuticals Limited		
2022903170	The George Institute for Global Health		
2022903171	Carson, W.		
2022903172	Browne, R.		
2022903173	FASTBRICK IP PTY LTD		
2022903174	Scolaro, A.		
2022903175	Stewart, T.		
2022903176	Pashley, R.		
2022903177	Mark Gilbert IP Pty Ltd		
2022903178	Close the Loop Technologies Pty Ltd		
2022903179	Opal Packaging Australia Pty Ltd		
2022903180	Rhino Rack Australia Pty Limited		
2022903181	VULCO S.A.		
2022903182	The University of Melbourne		
2022903183	FRANCE, M.W.		
2022903184	Boesten, L.		
2022903185	Rhino Rack Australia Pty Limited		
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2022903187	Koch, C.		
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2022903189	Suburban Insights Pty Ltd		
2022903191	Cryocrusher Pty Ltd		
2022903193	Affinity Windows		
2022903194	C2 Water (SPV) Pty Ltd		
2022903195	Operational Fire Pty Ltd		
2022903196	Ecoganic Pty Ltd		
2022903197	KINALTEK PTY. LTD.		
2022903198	Hudson Institute of Biomedical Research		
2022903199	Scolaro, A.		
2022903200	Breakaway Solutions PTY LTD		
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2022903203	Icon23 Pty Ltd		
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2022903207	Corrix Pty Ltd		
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2022903209	UNIVERSITY OF TASMANIA		
2022903210	Diptech Pte Limited		
2022903212	Eco Shield Systems Pty Ltd.		
2022903213	Bucher Municipal Pty Ltd		

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

. (*) Title not in Roman characters

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<p>(71) ajail, I. (21) 2022252825 (22) 14.10.2022 (54) Booking and pricing system for vets (31) 2022901612 (32) 14.06.22 (33) AU</p>	<p>(54) Lysin Polypeptides Active Against Gram-Negative Bacteria (62) 2016324298</p>	<p>(71) GENEVANT SCIENCES GMBH (21) 2022252834 (22) 14.10.2022 (54) BLOCK COPOLYMERS AND THEIR CONJUGATES OR COMPLEXES WITH OLIGONUCLEOTIDES (62) 2020201384</p>
<p>(71) Amgen Inc. (21) 2022256116 (22) 19.10.2022 (54) Systems and methods for remotely processing data collected by a drug delivery device (62) 2020257127</p>	<p>(71) Coulomb Inc. (21) 2022256087 (22) 17.10.2022 (54) Energy management apparatus to upgrade and control an existing circuit breaker panel (62) 2020239645</p>	<p>GeoQuest Systems B.V. see Chevron U.S.A Inc. (21) 2022252835</p>
<p>(71) AMO Development, LLC (21) 2022252829 (22) 14.10.2022 (54) Lenticular laser incision using wavefront guided maps (62) 2017292917</p>	<p>(71) Emerging Compounds Treatment Technologies, Inc. (21) 2022256092 (22) 17.10.2022 (54) A SYSTEM AND METHOD FOR ENHANCING ADSORPTION OF CONTAMINATED VAPORS TO INCREASE TREATMENT CAPACITY OF A REGENERABLE, SYNTHETIC ADSORPTIVE MEDIA (62) 2021200661</p>	<p>(71) GE Video Compression, LLC (21) 2022252837 (22) 14.10.2022 (54) Video data stream concept (62) 2020289848</p>
<p>(71) Ancora Heart, Inc. (21) 2022256084 (22) 17.10.2022 (54) Myocardial implant load sharing device and methods to promote LV function (62) 2017362497</p>	<p>(71) Epizyme, Inc. (21) 2022256115 (22) 19.10.2022 (54) METHOD OF TREATING MALIGNANT RHABDOID TUMOR OR SMALL CELL CANCER OF THE OVARY OF THE HYPERCALCEMIC TYPE (62) 2016325643</p>	<p>(71) GIANT MANUFACTURING CO., LTD. (21) 2022252844 (22) 14.10.2022 (54) BICYCLE CONTROL DEVICE (31) 110212194 (32) 15.10.21 (33) TW</p>
<p>(71) Axsome Therapeutics, Inc. (21) 2022252856 (22) 17.10.2022 (54) Pharmaceutical compositions comprising meloxicam (62) 2019297360</p>	<p>(71) Equifax Inc. (21) 2022256086 (22) 17.10.2022 (54) Bias detection and reduction in machine-learning techniques (31) 63/262,616 (32) 15.10.21 (33) US</p>	<p>(71) IDAC Holdings, Inc. (21) 2022252849 (22) 14.10.2022 (54) Power saving signals in wireless communication (62) 2019321640</p>
<p>(71) Brandt Industries Canada Ltd. (21) 2022256082 (22) 17.10.2022 (54) Grain cart structure and method of making same</p>	<p>(71) Evapco, Inc. (21) 2022252840 (22) 14.10.2022 (54) All-secondary air cooled industrial steam condenser (62) 2017280203</p>	<p>ImmuNext Inc. see Janssen Pharmaceuticals, Inc. (21) 2022252828</p>
<p>(71) CATERPILLAR INC. (21) 2022252833 (22) 14.10.2022 (54) SYSTEM AND METHOD FOR ACTIVATING SCREEN CLEANING MODE FOR USER INTERFACE (31) 17/453,388 (32) 03.11.21 (33) US</p>	<p>(71) Fresenius Kabi USA, LLC (21) 2022252836 (22) 14.10.2022 (54) Pressure-assisted air elimination (31) 63/271,318 (32) 25.10.21 (33) US</p>	<p>(71) IntraBio Ltd (21) 2022256077 (22) 17.10.2022 (54) Acetyl-leucine or a pharmaceutically acceptable salt thereof for improved mobility and cognitive function (62) 2017252507</p>
<p>(71) Chevron U.S.A Inc.; GeoQuest Systems B.V. (21) 2022252835 (22) 14.10.2022 (54) Acceleration of subsurface simulation using filtered grid connectivity graph (31) 17/506,347 (32) 20.10.21 (33) US</p>	<p>(71) FTC Solar, Inc. (21) 2022256088 (22) 17.10.2022 (54) Methods and systems for designing photovoltaic systems (62) 2021200709</p>	<p>(71) Ilo Therapeutics, Inc. (21) 2022256117 (22) 19.10.2022 (54) RECEPTOR SUBTYPE AND FUNCTION SELECTIVE RETINOID AND REXINOID COMPOUNDS IN COMBINATION WITH IMMUNE MODULATORS FOR CANCER IMMUNOTHERAPY (62) 2017278220</p>
<p>(71) ContraFect Corporation (21) 2022252850 (22) 14.10.2022</p>	<p>(71) Ivory, S. (21) 2022252827 (22) 14.10.2022 (54) Boat Trailer Attachment and Combination Trailer</p>	<p>(71) Ivory, S. (21) 2022252827 (22) 14.10.2022 (54) Boat Trailer Attachment and Combination Trailer</p>

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 (21) 2022252828 (22) 14.10.2022
 (54) Anti-human VISTA antibodies and use thereof
 (62) 2017250294

(71) LG Electronics Inc.
 (21) 2022252845 (22) 14.10.2022
 (54) METHOD AND DEVICE FOR PROCESSING VIDEO SIGNAL BY USING INTER PREDICTION
 (62) 2020205179

(71) Linhai Qiuyuan Arts & Crafts Co., Ltd.
 (21) 2022252852 (22) 15.10.2022
 (54) Rotary Open-Close Type Sun Umbrella
 (31) 2022110752606 (32) 04.09.22 (33) CN

(71) Lumiphore, Inc.
 (21) 2022252848 (22) 14.10.2022
 (54) Macrocyclic ligands with pendant chelating moieties and complexes thereof
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(71) MAX CO., LTD.
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(71) Molecular Templates, Inc.
 (21) 2022256081 (22) 17.10.2022
 (54) De-immunized Shiga toxin A subunit effector polypeptides for applications in mammals
 (62) 2020294212

(71) Mudjala Medical Pty Limited
 (21) 2022252846 (22) 14.10.2022
 (54) An implantable neuro-stimulation device
 (62) 2021200145

(71) nChain Holdings Limited
 (21) 2022252826 (22) 14.10.2022
 (54) Systems and methods for implementing deterministic finite automata (DFAS) via a blockchain
 (62) 2017349752

(71) Niagara Bottling, LLC
 (21) 2022252838 (22) 14.10.2022
 (54) Graphene reinforced polyethylene terephthalate
 (62) 2020217391

Omeros Corporation see University of Leicester
 (21) 2022256090

(71) Overwerx Ltd.
 (21) 2022252842 (22) 14.10.2022
 (54) Remotely controllable aeronautical ordnance
 (62) 2018413298

(71) Pickering, T.
 (21) 2022256091 (22) 17.10.2022
 (54) Apparatus And Method For Intelligent Product Scanner

(71) Respira Therapeutics, Inc.
 (21) 2022256085 (22) 17.10.2022
 (54) Methods and compositions for treatment of pulmonary hypertension and other lung disorders
 (62) 2017378409

(71) Sarcos Corp.
 (21) 2022254273 (22) 17.10.2022
 (54) ROBOTIC END EFFECTOR WITH DORSALLY SUPPORTED ACTUATION MECHANISM
 (62) 2019419409

(71) Schock GmbH
 (21) 2022252853 (22) 15.10.2022
 (54) Process for producing a particulate recycle from quartz composite
 (31) 102021127484.2 (32) 22.10.21 (33) DE

(71) SK Innovation Co., Ltd.
 (21) 2022256114 (22) 19.10.2022
 (54) PROCESS FOR PRODUCING HYDROGEN, CARBON, AND ETHYLENE FROM METHANE-CONTAINING FEEDSTOCK
 (31) 10-2021-0146261 (32) 29.10.21 (33) KR

(71) Spinal Elements, Inc.
 (21) 2022256078 (22) 17.10.2022
 (54) Retractor
 (62) 2020203261

(71) Syrinix Ltd
 (21) 2022252831 (22) 14.10.2022
 (54) Method and system for anomaly detection for a pumped pipeline
 (31) 2114709.5 (32) 14.10.21 (33) GB

(71) Taiga Biotechnologies, Inc.
 (21) 2022252843 (22) 14.10.2022
 (54) The production and use of red blood cells
 (62) 2020202254

(71) Tata Consultancy Services Limited
 (21) 2022256083 (22) 17.10.2022
 (54) METHOD AND SYSTEM FOR ENABLING ASSORTMENT TOOL AND INTEGRATION OF APPLICATIONS FOR HYPER LOCALIZATION
 (31) 202221004880 (32) 28.01.22 (33) IN

(71) Techtronic Cordless GP
 (21) 2022256089 (22) 17.10.2022
 (54) Vacuum cleaner
 (31) 202122670688.2 (32) 03.11.21 (33) CN
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(71) Titan Trailers Inc.
 (21) 2022252823 (22) 14.10.2022
 (54) Quasi-cylindrical cargo container and construction
 (62) 2018338411

(71) Titan Trailers Inc.
 (21) 2022252824 (22) 14.10.2022
 (54) Quasi-cylindrical cargo container and construction
 (62) 2018338411

(71) Transportation IP Holdings, LLC
 (21) 2022256112 (22) 19.10.2022
 (54) VEHICLE SYSTEM WITH SECOND POWER SOURCE
 (31) 17/507,681 (32) 21.10.21 (33) US

(71) Transportation IP Holdings, LLC
 (21) 2022256113 (22) 19.10.2022
 (54) COMMUNICATION DEVICE FOR DETECTING MESSAGES BASED ON SIGNAL STRENGTH
 (31) 17/510,823 (32) 26.10.21 (33) US

UCL Business PLC see Vitaflo (International) Ltd
 (21) 2022253500

Unigen, Inc. see Unigen, Inc.
 (21) 2022252847

(71) Unigen, Inc.; Unigen, Inc.
 (21) 2022252847 (22) 14.10.2022
 (54) Compositions and methods for joint health
 (62) 2021200432

(71) University Health Network
 (21) 2022252839 (22) 14.10.2022

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(54) Methods and compositions for generating chondrocyte lineage cells and/or cartilage like tissue

(62) 2020204058

(71) University of Leicester; Omeros Corporation

(21) 2022256090 (22) 17.10.2022

(54) Compositions and methods of inhibiting MASP-3 for the treatment of various diseases and disorders

(62) 2020204551

(71) VERO Biotech LLC.

(21) 2022256079 (22) 17.10.2022

(54) Nitrogen dioxide storage cassette

(62) 2020260499

(71) Vitaflo (International) Ltd; UCL Business PLC

(21) 2022253500 (22) 17.10.2022

(54) Nutritional product

(62) 2021202459

(71) Wing Aviation LLC

(21) 2022256080 (22) 17.10.2022

(54) Methods and systems for requesting and displaying UAV information

(62) 2021201011

(71) Zillow, Inc.

(21) 2022252855 (22) 16.10.2022

(54) Automated analysis of visual data of images to determine the images' acquisition locations on building floor plans

(31) 63/270,794 (32) 22.10.21 (33) US
63/279,247 15.11.21 US

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2022252826	nChain Holdings Limited
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2022252829	AMO Development, LLC
2022252830	MAX CO., LTD.
2022252831	Syrinix Ltd
2022252832	MAX CO., LTD.
2022252833	CATERPILLAR INC.
2022252834	GENEVANT SCIENCES GMBH
2022252835	Chevron U.S.A Inc.; GeoQuest Systems B.V.
2022252836	Fresenius Kabi USA, LLC
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2022252849	IDAC Holdings, Inc.
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2022252855	Zillow, Inc.
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2022253500	Vitaflo (International) Ltd; UCL Business PLC
2022254273	Sarcos Corp.
2022256077	IntraBio Ltd
2022256078	Spinal Elements, Inc.
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2022256085	Respira Therapeutics, Inc.
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2022256090	University of Leicester; Omeros Corporation
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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Oct 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) ESS Earth Sciences Pty Ltd
(21) 2022100150 **(22)** 06.10.2022
(54) Rock stress measurement apparatus
and method
(31) 2020901363 **(32)** 30.04.20 **(33)** AU

(71) Jet Black Products Pty Ltd
(21) 2022100151 **(22)** 28.10.2022
(54) EVICES AND COMPUTER TECHNO-
LOGY CONFIGURED TO ENABLE
ENHANCED SIMULATED BICYCLE
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(62) 2021107652

(71) RDCCO PTY LTD
(21) 2022100149 **(22)** 26.10.2022
(54) Alarm Communicator, Signalling Ser-
vice and Method of Operation
(62) 2019101322

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2022100150 ESS Earth Sciences Pty Ltd

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

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

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 2016248317 (4C) 2016248341 (14) 2016248366 (14)
 2016248886 (14) 2016249109 (14) 2016249431 (14)
 2016249447 (14) 2016249742 (14) 2016249859 (14)
 2016249929 (14) 2016250122 (14) 2016250906 (4C)
 2016250976 (14) 2016251203 (14) 2016252008 (14)
 2016252093 (14) 2016254540 (14) 2016254948 (14)
 2016257142 (5C) 2016262680 (5C) 2016273910 (5C)
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2017201802 (14) 2017207533 (25D) 2017209932 (5C)
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 2017248683 (4C) 2017249510 (4C) 2017250640 (4C)
 2017250807 (4C) 2017250819 (4C) 2017251536 (4C)
 2017251583 (4C) 2017253013 (4C) 2017253549 (14)
 2017254468 (4C) 2017256074 (4C) 2017258920 (1B)
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 2017264479 (14) 2017268653 (14) 2017339120 (5C)
 2017345281 (5C) 2017360842 (5C) 2017360869 (5C)
 2017363525 (5C) 2017384522 (5C) 2017386169 (14)
 2017439007 (1B) 2017439045 (1B) 2017439080 (1B)
 2017439661 (1B) 2017440251 (1B)

2018

2018100245 (21F) 2018202578 (4B) 2018202608 (4C)
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 2018202667 (4B) 2018202679 (4B) 2018202680 (4B)
 2018202703 (4B) 2018202716 (4A) 2018202717 (4A)
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 2018264668 (4B) 2018267238 (4B) 2018274873 (1B)
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 2018311603 (4C) 2018311605 (14) 2018325680 (14)
 2018363212 (1B) 2018363779 (1B) 2018363783 (1B)
 2018363835 (1B) 2018363886 (1B) 2018364128 (1B)
 2018364406 (1B) 2018364490 (1B) 2018364498 (1B)
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 2018365148 (1B) 2018365800 (1B) 2018365971 (1B)
 2018366039 (1B) 2018366199 (1B) 2018366208 (1B)
 2018366341 (1B) 2018366370 (1B) 2018366391 (1B)
 2018367094 (1B) 2018367448 (1B) 2018369638 (1B)
 2018369841 (1B) 2018376259 (5C) 2018419491 (4A)

2019

2019202045 (14) 2019202871 (14) 2019250278 (12C)
 2019281815 (5C) 2019293106 (5C) 2019299444 (5C)
 2019301870 (25D) 2019330680 (5C) 2019337088 (5C)
 2019402930 (5C) 2019455812 (5C) 2019456486 (25D)

2020

2020100548 (22E) 2020100550 (22E) 2020100553 (22E)
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 2020100566 (22E) 2020100567 (22E) 2020100574 (22E)
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 2020100584 (22E) 2020100587 (22E) 2020100591 (22E)
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 2020101050 (22E) 2020101051 (22E) 2020101058 (22E)
 2020201429 (25D) 2020202884 (5C) 2020203179 (5C)
 2020203473 (5C) 2020203702 (14) 2020204058 (5C)
 2020204191 (5C) 2020204268 (5C) 2020204529 (5C)
 2020227063 (5C) 2020227104 (5C) 2020233640 (5C)
 2020233674 (5C) 2020239645 (5C) 2020239684 (25D)
 2020250217 (14) 2020250255 (4C) 2020256347 (5C)
 2020257087 (5C) 2020260417 (25D) 2020264355 (5C)
 2020273307 (5C) 2020281175 (5C) 2020286277 (4C)

2021

2021102570 (22E) 2021107646 (21F) 2021200145 (5C)
 2021200661 (5C) 2021202312 (4C) 2021203874 (4C)
 2021204476 (4C) 2021218232 (5CN) 2021221936 (5CN)
 2021351011 (7AN) 2021903452 (12AN) 2021903484 (12AN)
 2021903753 (12AN)

2022

2022200975 (4C) 2022209336 (1B) 2022211819 (1B)
 2022903202 (12AN)

Assignments before Grant, Section 113

2016

2016337175 Eca En The application has been assigned to **ECA ROBOTICS**

2017

2017201274 Calphalon Corporation The application has been assigned to **Sunbeam Products, Inc.**

2017283123 SUEZ Groupe The application has been assigned to **Suez International**

2017306409 Moffat, Brian; Sheldon-Coulson, Garth The application has been assigned to **Lone Gull Holdings, Ltd.**

2017339958 AFI Licensing LLC The application has been assigned to **AHF, LLC**

2017339974 AFI Licensing LLC The application has been assigned to **AHF, LLC**

2018

2018212298 IHC Holland IE B.V. The application has been assigned to **IHC IQIP Holding B.V.**

2018224814 Moffat, Brian; Sheldon-Coulson, Garth The application has been assigned to **Lone Gull Holdings, Ltd.**

2018229439 AIUT SP. Z O. O. The application has been assigned to **Allsenso Sp. z o.o.**

Assignments before Grant, Section 113

2018290766 Nesos Corp. The application has been assigned to **NextSense, Inc.**

2018303561 Moffat, Brian; Sheldon-Coulson, Garth The application has been assigned to **Lone Gull Holdings, Ltd.**

2018379571 IHC Holland IE B.V. The application has been assigned to **IHC IQIP Holding B.V.**

2018385392 Wayne Fueling Systems Sweden AB The application has been assigned to **Dover Fueling Solutions UK Limited**

2018411260 Outotec (Finland) Oy The application has been assigned to **Metso Outotec Finland Oy**

2019

2019241301 Cellular Biomedicine Group HK Limited The application has been assigned to **Shanghai CellularBiopharmaceutical Group Ltd.**

2019251016 Cellular Biomedicine Group HK Limited The application has been assigned to **Shanghai Cellular Biopharmaceutical Group Ltd.**

2019272919 Sasol Wax GmbH The application has been assigned to **Sasol Germany GmbH**

2019313476 Coalesce Product Development Ltd The application has been assigned to **Sandoz AG**

2019346417 Nesos Corp. The application has been assigned to **NextSense, Inc.**

2019386235 Mmc Intellectual Property Institute, S.L. The application has been assigned to **Farmalider, S.A.**

2020

2020319897 Janssen Biotech, Inc. The application has been assigned to **Momenta Pharmaceuticals, Inc.**

2020334296 ReViral Limited The application has been assigned to **Pfizer Inc.**

2020361086 The Royal Institution for the Advancement of Learning/McGill University The application has been assigned to **NOMIC BIO INC.**

2020386642 Global Thermostat Operations, LLC; Eisenberger, Peter The application has been assigned to **Global Thermostat Operations, LLC**

2021

2021201009 S Wave Pty Ltd The application has been assigned to **S Wave International Corp**

2021204018 Nicholson, Zane Kevin The application has been assigned to **Dafour Limited**

Assignments before Grant, Section 113

2021204590 Stryker European Holdings I, LLC The application has been assigned to **STRYKER EUROPEAN HOLDINGS III, LLC**

2021206922 Linfox Armaguard Pty Ltd The application has been assigned to **Integrated Technology Services IP Pty Ltd**

2021226341 Mediboston, Inc. The application has been assigned to **MediBoston Limited**

2021243774 Humax Co., Ltd.; Wilus Institute of Standards & Technology, Inc. The application has been assigned to **Humax Co., Ltd.**

2021903491 Building Solutions Pty Ltd The application has been assigned to **New Building Solutions Pty Ltd**

2021903540 Emblin, Alan The application has been assigned to **New Building Solutions Pty Ltd**

2021903588 Van Der Hoeven, Robertus; Meijrink, Bernard; DSM IP Assets B.V.; Fonterra Co-operative Group Limited; Hewitt, Sheelagh; Welman, Alan; Anema, Skelte; Hill, Jeremy The application has been assigned to **DSM IP Assets B.V.**

2022

2022200880 Sheldon-Coulson, Garth; Moffatt, Brian The application has been assigned to **Lone Gull Holdings, Ltd.**

2022209252 Sheldon-Coulson, Garth; Moffat, Brian The application has been assigned to **Lone Gull Holdings, Ltd.**

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

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

2015

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

2016

2016336038 **Alecson Feld Australia Pty Ltd** An application to extend the time from 22 Jul 2022 to 22 Mar 2023 in which to gain acceptance has been filed . Address for service - Alecson Feld Australia Pty Ltd Tnhs 12 3 Victoria St Bowral NSW 2576 AU

2019

2019101758 **ASSA ABLOY New Zealand Limited** An application to extend the time from 11 Dec 2021 to 11 Jul 2022 in which to pay a renewal fee has been filed . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2019101773 **Techtronic Floor Care Technology Limited** An application to extend the time from 20 Sep 2021 to 20 Nov 2022 in which to

Extensions of Time, Section 223

pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019345104 **UNIVERSITEIT GENT** An application to extend the time from 18 Apr 2021 to 18 Aug 2022 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020369477 **MEDTRONIC, INC.** An application to extend the time from 25 May 2022 to 25 Sep 2022 in which to enter the National Phase has been filed . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020386069 **CONOCOPHILLIPS COMPANY** An application to extend the time from 22 Jun 2022 to 22 Oct 2022 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022228106 **Diality Inc.** An application to extend the time from 28 May 2022 to 28 Sep 2022 in which to claim the convention priority date has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2017

2017349924 **Brainsway Ltd; EIMindA Ltd.; BGN Technologies Ltd.** The time in which to request examination and pay a continuation fee has been extended to 27 Jul 2022 . Address for service - HWL Ebsworth Lawyers Attn: H Kavadias GPO Box 5408 Sydney NSW 2001 AU

2018

2018272327 **Hy-Tech Drilling Ltd** The time in which to request examination has been extended to 01 Aug 2022 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2018352118 **Retriever Medical, Inc** The time in which to request examination has been filed 19 Oct 2022 . Address for service - Arcadia Intellectual Property Level 2 420 Collins Street Melbourne VIC 3000 AU

2018356486 **Universidad de Alcalá** The time in which to request examination has been extended to 26 Oct 2022 . Address for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

2020

2020377532 **JOHNSON MATTHEY PUBLIC LIMITED COMPANY** The time in which to enter the National Phase has been extended to 07 Aug 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2021

2021202817 **Donald Steven Corenman** The time in which to pay the acceptance fee has been extended to 07 Nov 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

Extensions of Time, Section 223

2021210593 **DAWAKO MEDTECH, S.L.** The time in which to enter the National Phase has been extended to 24 Oct 2022 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2021218686 **KYOCERA MEDICAL TECHNOLOGIES, INC.** The time in which to enter the National Phase has been extended to 14 Oct 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Section 223(1) Allowances

2021

2021226188 **DISHMAN CARBOGEN AMCIS LTD** the time in which to enter national phase has been extended to 29 Sep 2022

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

2015101636 An Awning Assembly And Method Of Use **Heka Hoods IP Pty Ltd** The nature of the amendment is: Amend the name of the inventor to add Kordick, Yvette . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015208353 Redundancy switching of detection points **Thales Management & Services Deutschland GmbH** The nature of the amendment is as shown in the statement(s) filed 24 Oct 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015354871 Arrangement for supporting a wellhead **Neodrill As** The nature of the amendment is as shown in the statement(s) filed 01 Oct 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018308364 Anti-SIRP-alpha antibodies and related methods **Forty Seven, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019

2019265673 Electric vehicle charging station **Urban Electric Networks Ltd** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020100311 Collapsible Mast **Hansen Price Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 09 Sep 2022 .

Amendments

Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2020271069 Automatic transportation of pallets of goods **Lineage Logistics, LLC** The nature of the amendment is: Amend the name of the inventors and add Walet, Daniël; Wolf, Elliott Gerard; Baijens, Frank and Thattai, Sudarsan . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2020378152 Laser-assisted material phase-change and expulsion micro-machining process **Massachusetts Institute of Technology** The nature of the amendment is: Amend the name of the inventor to add inventor GERSHENFELD, Neil . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2021

2021107140 An awning assembly and method of use **Heka Hoods IP Pty Ltd** The nature of the amendment is: Amend the name of the inventor to delete DIPROSE, Jason . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021201424 AMINOPYRIDINE DERIVATIVES AND THEIR USE AS SELECTIVE ALK-2 INHIBITORS **NOVARTIS AG** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2022 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2021202238 SYSTEM AND METHOD TO EFFICIENTLY CLEAN A PERITONEAL DIALYSIS FILTER **Baxter International Inc. ; Baxter Healthcare SA** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2022 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2022

2022204344 AUTOMATIC TRANSPORTATION OF PALLETS OF GOODS **LINEAGE LOGISTICS, LLC** The nature of the amendment is: Amend the name of the inventor to add Walet, Daniël; Wolf, Elliott Gerard; Baijens, Frank and Thattai, Sudarsan . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

Amendments Made**2009**

2009298735 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Nov 2021, 04 Jul 2022

2013

2013200779 **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement(s) filed 10 May 2021

2014

2014320015 **MOCKV Solutions LLC** The nature of the amendment is: Amend the patentee name to read MOCKV Solutions LLC

2015

2015234361 **BLUESCOPE STEEL LIMITED** The nature of the amendment is as shown in the statement filed 02 Jun 2022

Amendments

2015357509 **JUUL Labs, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bowen, Adam; Monsees, James; Atkins, Ariel; Ingebretsen, Bradley and Leon Duque, Esteban

2016

2016356684 **Synlogic Operating Company, Inc.** The nature of the amendment is as shown in the statement filed 04 Jul 2022

2016365400 **Astraea Therapeutics, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Jul 2022

2017

2017295317 **Fastbrick IP Pty Ltd** The nature of the amendment is as shown in the statement filed 27 Jul 2022

2017440160 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2017440171 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018

2018267663 **Creative Eleven Holdings Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102246

2018374816 **CommScope Technologies LLC** The nature of the amendment is: Amend the name of the inventor to read GEENS, Johan; BRYON, Roel and DOULTREMONT, Pieter

2018397881 **Nichiha Corporation** The nature of the amendment is: Amend the invention title to read BUILDING MATERIAL MANUFACTURING APPARATUS AND BUILDING MATERIAL MANUFACTURING METHOD

2018420624 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement filed 19 Jul 2022

2019

2019274665 **Nokia Technologies Oy** The nature of the amendment is as shown in the statement filed 03 Aug 2022

2019277193 **AI Fluidics Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101835

2020

2020227059 **nbn co limited** The nature of the amendment is: Amend the name of the inventor to read Gupta, Amit Kumar; Joyce, Michael Julian; Eisenmann, Alexandre Luis Kundrat; Leong, Jason; Holmes, Diahann and Nasser, Moumtaiz

2020309245 **A.Y. Laboratories Ltd.** The nature of the amendment is as shown in the statement filed 01 Aug 2022

2020328572 **Humatics Corporation** The nature of the amendment is: Amend the name of the inventor to read KINSEY, James Campbell; WHITTEMORE, Aaron and SENNA, Joshua

Amendments

2020370625 **Chemistry Rx; Brichta, L.** The nature of the amendment is: Amend the co-applicant name to read Chemistry Rx

2020434084 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Duct control apparatus

2020440406 **Odfjell Partners Invest Ltd** The nature of the amendment is: Amend the invention title to read Hydraulically Locked Tool

2021

2021200484 **MOCKV Solutions LLC** The nature of the amendment is: Amend the applicant name to read MOCKV Solutions LLC

2021217576 **National Research Council of Canada** The nature of the amendment is as shown in the statement filed 03 Oct 2022

2021234366 **SPR Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read DEBOCK, Matthew G.; BOGGS II, Joseph W.; WUNZIN, Matthew J.; LEWIS, Bradley A.; SELL, Devin; YOUNGBERG, David; STULTZ, Mark R.; D'ALBERO, Joe; LEFEVERE, Christopher T.; MULLINS, Brian; MEINZ, Peter; PRINCE, Dave; CLUFF, Russel; HARSTIG, Bill and MURRAY, Kristin

2021236148 **AI:ON Innovations, Inc.** The nature of the amendment is: Amend the name of the inventor to read CURTIN, Sean Thomas; STEWART, Curtis Mitchel; GILBRIDE, Ryan Matthew; KIRKPATRICK, Douglas and IOVINO, Christopher

2021243390 **Sumitomo Precision Products Co., Ltd.** The nature of the amendment is: Amend the invention title to read Azimuth/attitude angle measuring device

2021245390 **Industrial Tomography Systems Ltd** The nature of the amendment is: Amend the name of the inventor to read MACHIN, Thomas and WEI, Hsin-Yu

2021248280 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read ACCESS POINT AP MULTI-LINKDEVICE DISCOVERY METHOD AND RELATED APPARATUS

2021254477 **Megmilk Snow Brand Co., Ltd.** The nature of the amendment is: Amend the invention title to read Composition for improving gut microbiota

2021257176 **Nippon Chemiphar Co., Ltd.** The nature of the amendment is: Amend the invention title to read Sleep quality improver

2021270769 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Finely ground granulated blast-furnace slag in a cementitious multi-component mortar system for use as an inorganic chemical fastening system

2021271085 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Finely ground Portland cement clinker in a cementitious multi-component mortar system for use as an inorganic chemical fastening system

2021272279 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Alkali-silicate-based initiator com-

Amendments

ponent for use in a cementitious inorganic multicomponent mortar system

2022

2022202920 **EquipmentShare.com Inc.** The nature of the amendment is: Amend the name of the inventor to read Schlacks, IV, William J.; Adams, Brian; Dianics, James; Graves, Ian; Martin, Rob and Pfursich, Scott

2022235567 **DAP Products Inc.** The nature of the amendment is: Amend the invention title to read LOW-SHRINKAGE SEALANT COMPOSITIONS

2022246383 **Coulter Ventures LLC** The nature of the amendment is as shown in the statement filed 21 Oct 2022

Alteration of Name(s) of Applicant(s)/Patentee(s)**2003**

2003257080 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2003293514 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2005

2005203085 Ajay Fibreglass Industries Pty Ltd The name of the patentee has been altered to **Duraplas Industries Pty. Limited**

2005254970 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2005269451 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2006

2006212811 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2007

2007206756 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2009

2009200967 PerkinElmer LAS, Inc. The name of the patentee has been altered to **PerkinElmer Health Sciences, Inc.**

2012

2012210610 Technology for Renewable Energy Systems (TFRES) bvba; Universiteit Gent The name of the patentee has been altered to **Caloritum NV; Universiteit Gent**

2015

2015328385 Cortexyme, Inc. The name of the patentee has been altered to **Quince Therapeutics, Inc.**

Amendments

2015349120 Maersk Drilling A/S The name of the patentee has been altered to **Noble Drilling A/S**

2015374385 Checkmate Pharmaceuticals, Inc. The name of the patentee has been altered to **Regeneron Pharmaceuticals, Inc.**

2016

2016102342 Ajay Fibreglass Industries Pty Ltd The name of the patentee has been altered to **Duraplas Industries Pty. Limited**

2016222134 Maersk Drilling A/S The name of the patentee has been altered to **Noble Drilling A/S**

2016290513 Centre Hospitalier Universitaire de Nantes; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Nantes The name of the applicant has been altered to **NANTES UNIVERSITÉ; Centre Hospitalier Universitaire de Nantes; INSERM (Institut National de la Santé et de la Recherche Médicale)**

2016328170 Maersk Drilling A/S The name of the patentee has been altered to **Noble Drilling A/S**

2017

2017212848 Advanced Inhalation Therapies (AIT) Ltd. The name of the patentee has been altered to **BEYOND AIR LTD**

2017326466 Cortexyme, Inc. The name of the patentee has been altered to **Quince Therapeutics, Inc.**

2018

2018253801 Maersk Drilling A/S The name of the applicant has been altered to **Noble Drilling A/S**

2018289400 APEEL TECHNOLOGIES, INC. The name of the applicant has been altered to **APEEL TECHNOLOGY, INC.**

2018289402 APEEL TECHNOLOGIES, INC. The name of the applicant has been altered to **APEEL TECHNOLOGY, INC.**

2018301822 Siren Marine LLC The name of the applicant has been altered to **Siren Marine, Inc.**

2018322656 Maersk Drilling A/S The name of the applicant has been altered to **Noble Drilling A/S**

2018328627 Maersk Drilling A/S The name of the applicant has been altered to **Noble Drilling A/S**

2018353104 Maersk Drilling A/S The name of the applicant has been altered to **Noble Drilling A/S**

2018380542 Neural Analytics, Inc. The name of the applicant has been altered to **NovaSignal Corp.**

2018382608 Peri GmbH The name of the applicant has been altered to **PERI SE**

Amendments

2018405051 Beijing Tusen Weilai Technology Co., Ltd. The name of the applicant has been altered to **Beijing Tusen Weilai Technology Co., Ltd.; TuSimple, Inc.**

2019

2019100674 Silicomb Pty Ltd The name of the patentee has been altered to **BN Creative Pty Ltd**

2019233757 Tokai Carbon Savoie ; MetSol AG The name of the applicant has been altered to **Tokai Cobex Savoie; MetSol AG**

2020

2020270486 TuSimple, Inc. The name of the applicant has been altered to **TuSimple, Inc.; Beijing Tusen Weilai Technology Co., Ltd.**

2020393174 GAIN THERAPEUTICS SA The name of the applicant has been altered to **GT GAIN THERAPEUTICS SA**

2020394602 GAIN THERAPEUTICS SA The name of the applicant has been altered to **GT GAIN THERAPEUTICS SA**

2020426867 HISENSE Group Co., Ltd. ; Gorenje,D.O.O. The name of the applicant has been altered to **HISENSE Group Holdings Co., Ltd.; Gorenje,D.O.O.**

2021

2021217816 GAIN THERAPEUTICS SA The name of the applicant has been altered to **GT GAIN THERAPEUTICS SA**

2021232787 Advanced Inhalation Therapies (AIT) Ltd. The name of the applicant has been altered to **BEYOND AIR LTD**

2021236669 Memorial Sloan Kettering Cancer Center; Ceramedix Holding, LLC; Richard Kolesnick The name of the applicant has been altered to **Memorial Sloan Kettering Cancer Center; Ceramedix Holding, LLC**

2021903453 Paradigm BioPharmaceuticals Ltd The name of the applicant has been altered to **University of Oslo; Oslo University Hospital; Paradigm BioPharmaceuticals Ltd**

2021903658 Preen, Christopher The name of the applicant has been altered to **Preen, C.; Hasenkam, B.**

2022

2022900837 Dental Sleep Institute Pty Ltd The name of the applicant has been altered to **3DSG Pty Ltd**

2022902370 Ames Australasia Pty Ltd The name of the applicant has been altered to **AMES Australasia Pty Ltd**

Applications Open to Public Inspection

Name Index

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- . (**) Title not given

<p>(71) Acres Technology (11) AU-A-2022202510 (21) 2022202510 (22) 14.04.2022 (54) Player-Funded Loss Amelioration (51) Int. Cl. A63F 13/30 (2014.01) G07F 17/32 (2006.01) (31) 17/237,345 (32) 22.04.21 (33) US (43) 10.11.2022 (72) Acres, John F. (74) Golja Haines & Friend</p>	<p>(71) Amorphical Ltd. (11) AU-A-2022252805 (21) 2022252805 (22) 14.10.2022 (54) Stabilized amorphous calcium carbonate for treatment of neurological, muscular and infertility diseases or conditions (51) Int. Cl. A61K 33/10 (2006.01) A61K 9/00 (2006.01) A61K 31/66 (2006.01) A61K 33/06 (2006.01) A61P 15/08 (2006.01) (43) 10.11.2022 (62) 2017208953 (72) Ben, Yosef; Shahar, Abraham; Arav, Amir (74) PIPERS</p>	<p>(71) Ausplow Pty. Ltd. (11) AU-A-2021221571 (21) 2021221571 (22) 25.08.2021 (54) Fertiliser boot and shield (51) Int. Cl. A01B 17/00 (2006.01) A01B 49/06 (2006.01) (31) 2021901211 (32) 23.04.21 (33) AU (43) 10.11.2022 (72) Ryan, John William (74) GLMR</p>
<p>(71) Adobe Inc. (11) AU-A-2022201359 (21) 2022201359 (22) 28.02.2022 (54) MULTI-MODAL IMAGE COLOR SEGMENTER AND EDITOR (51) Int. Cl. G06T 11/40 (2006.01) G06F 40/00 (2020.01) G10L 15/00 (2013.01) (31) 17/240,030 (32) 26.04.21 (33) US (43) 10.11.2022 (72) Aggarwal, Pranav; Kale, Ajinkya (74) RnB IP Pty Ltd</p>	<p>(71) Arnott, M. (11) AU-A-2021240225 (21) 2021240225 (22) 29.09.2021 (54) A CONTROLLER AND METHOD FOR CONTROLLING AN IGNITION COIL WHEN STARTING A SPARK IGNITION INTERNAL COMBUSTION ENGINE (51) Int. Cl. F02P 3/05 (2006.01) F02N 11/08 (2006.01) F02P 15/00 (2006.01) F02D 45/00 (2006.01) F02N 3/04 (2006.01) F02N 11/10 (2006.01) F02N 99/00 (2010.01) (31) 2021901219 (32) 24.04.21 (33) AU (43) 10.11.2022 (72) Vu, Hoang; Perks, Matthew; Arnott, Michael (74) Michael Arnott</p>	<p>(71) Ausplow Pty. Ltd. (11) AU-A-2022200972 (21) 2022200972 (22) 14.02.2022 (54) Fertiliser boot and shield (51) Int. Cl. A01B 17/00 (2006.01) A01B 49/06 (2006.01) (43) 10.11.2022 (62) 2021221571 (72) Ryan, John William (74) GLMR</p>
<p>(71) Alnylam Pharmaceuticals, Inc. (11) AU-A-2022224712 (21) 2022224712 (22) 29.08.2022 (54) PCSK9 iRNA compositions and methods of use thereof (51) Int. Cl. C12N 15/113 (2010.01) (43) 10.11.2022 (62) 2020201441 (72) BORODOVSKY, Anna; KALLANTHOT-TATHIL, Rajeev G.; FITZGERALD, Kevin; FRANK-KAMENETSKY, Maria; QUERBES, William; MAIER, Martin; CHARISSE, Klaus; KUCHIMANCHI, Satyanarayana; MANOHARAN, Muthiah; MILSTEIN, Stuart (74) FB Rice Pty Ltd</p>	<p>(71) Artrya Limited (11) AU-A-2021221667 (21) 2021221667 (22) 25.08.2021 (54) A SYSTEM FOR AND METHOD OF IDENTIFYING CORONARY ARTERY DISEASE (51) Int. Cl. G06T 7/00 (2017.01) A61B 6/00 (2006.01) A61B 6/03 (2006.01) G06N 20/00 (2019.01) G06T 7/10 (2017.01) G16H 30/40 (2018.01) G16H 50/20 (2018.01) G06N 3/02 (2006.01) (31) 2021901188 (32) 21.04.21 (33) AU (43) 10.11.2022 (72) Flack, Julien; JOYNER, Jack Rex; CLIFTON, Casey; IHDAYHID, Abdul Rahman; DWIVEDI, Girish (74) Integrated IP</p>	<p>(71) Beijing Baidu Netcom Science Technology Co., Ltd. (11) AU-A-2022202447 (21) 2022202447 (22) 13.04.2022 (54) Quantum gate benchmarking method and apparatus, electronic device, and medium (51) Int. Cl. G06N 10/00 (2022.01) G01R 35/00 (2006.01) G06F 11/30 (2006.01) G06F 17/11 (2006.01) G06F 17/16 (2006.01) G06Q 10/06 (2012.01) (31) 202110462226.3 (32) 27.04.21 (33) CN (43) 10.11.2022 (72) Chen, Yuao; Liu, Shusen; Wang, Ning-feng (74) Davies Collison Cave Pty Ltd</p>
<p>(71) AMO Development, LLC (11) AU-A-2022252829 (21) 2022252829 (22) 14.10.2022 (54) Lenticular laser incision using wavefront guided maps (51) Int. Cl. A61F 9/008 (2006.01) (43) 10.11.2022 (62) 2017292917 (72) Fu, Hong; Malek Tabrizi, Alireza; Chernyak, Dimitri; Dai, Guangming G.; Neal, Daniel R.; Raymond, Thomas D. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Beijing Baidu Netcom Science Technology Co., Ltd. (11) AU-A-2022202647 (21) 2022202647 (22) 21.04.2022 (54) Quantum neural network training method and apparatus, electronic device and medium (51) Int. Cl. G06N 10/00 (2022.01) G06N 3/08 (2006.01) H04B 10/70 (2013.01) H04L 9/08 (2006.01) (31) 202110432127.0 (32) 21.04.21 (33) CN</p>	<p>(71) Beijing Baidu Netcom Science Technology Co., Ltd. (11) AU-A-2022202647 (21) 2022202647 (22) 21.04.2022 (54) Quantum neural network training method and apparatus, electronic device and medium (51) Int. Cl. G06N 10/00 (2022.01) G06N 3/08 (2006.01) H04B 10/70 (2013.01) H04L 9/08 (2006.01) (31) 202110432127.0 (32) 21.04.21 (33) CN</p>

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 Zhao, Xuanqiang
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 Technology Company Limited; State
 Grid Information & Telecommunication
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 (54) Methods and apparatuses for determin-
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 ers of node of field area network

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H04L 5/00 (2006.01)

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 ZHANG, Ganghong

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 von Willebrand factor protein, and uses
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C07K 14/755 (2006.01)
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C12N 15/00 (2006.01)
C12P 21/08 (2006.01)

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 CHANG, Pei-yun; PETERS, Robert T.;
 KULMAN, John

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 stored-value cards into electronic wal-
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 medical cleaning valves

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(54) METHODS OF TREATMENT

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A61K 31/496 (2006.01)
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A61P 35/00 (2006.01)
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 Stevens, Brenda L.; Barnhart, Bryan C.;
 Devaux, Brigitte

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(54) Systems and methods for converting
 composite image data

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G06F 17/16 (2006.01)
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 lava; Iguaro, Henry

(74) FPA Patent Attorneys Pty Ltd

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B32B 7/14 (2006.01)
B01J 20/26 (2006.01)
B32B 27/08 (2006.01)
B32B 37/04 (2006.01)

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(74) Burns IP Law Pty Ltd

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(54) Psychological Apparatus and Games

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A63F 3/04 (2006.01)

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B30B 9/30 (2006.01)

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(54) Liquid cannon

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B66F 9/075 (2006.01)
B62D 1/14 (2006.01)
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A61B 17/3205 (2006.01)
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(54) Improvements to Hinges or the like
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E05D 3/02 (2006.01)
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(54) OFFSHORE FLOATING ISLAND
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(54) Data extraction and prediction generation method and system for sporting events
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A63B 24/00 (2006.01)
- G06T 7/194 (2017.01)
G06V 20/40 (2022.01)
A63B 69/38 (2006.01)
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(54) SYSTEM AND METHOD FOR CASINO JACKPOT PROCESSING
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G07F 17/32 (2006.01)
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(54) Oligonucleotides for inducing paternal UBE3A expression
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- (71) FiberLean Technologies Limited
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(54) Compositions and methods for providing increased strength in ceiling, flooring, and building products
(51) Int. Cl.
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(54) Video data stream concept
(51) Int. Cl.
H04N 21/00 (2011.01)
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C05F 11/08 (2006.01)
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C08K 11/00 (2006.01)
C08L 67/04 (2006.01)
C12N 1/20 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys
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(54) PAVING DEVICE
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E01C 11/22 (2006.01)
B28B 7/00 (2006.01)
B28B 11/08 (2006.01)
E01C 5/06 (2006.01)
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(72) SENT, Eduard Christiaan
(74) mdp Patent and Trade Mark Attorneys

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 (54) Packable cooler bag
 (51) Int. Cl.
 A45C 7/00 (2006.01)
 A45C 11/20 (2006.01)
 A45F 3/02 (2006.01)
 A45F 4/02 (2006.01)
 B65D 30/10 (2006.01)
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 (74) Spruson & Ferguson

(71) Illinois Tool Works Inc.
 (11) AU-A-2022202682
 (21) 2022202682 (22) 22.04.2022
 (54) Construction or fabrication of an assembly comprising a joist or rafter
 (51) Int. Cl.
 E04B 1/26 (2006.01)
 E04C 3/12 (2006.01)
 E04C 3/16 (2006.01)
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ImmuNext Inc. see Janssen Pharmaceuticals, Inc.
 (21) 2022252828

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 (54) Sensor device for measuring fluid and fluid conduit properties, and method for activating the sensor device
 (51) Int. Cl.
 G01M 3/24 (2006.01)
 F16L 55/40 (2006.01)
 G01D 11/24 (2006.01)
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A61K 38/16 (2006.01)
A61K 39/00 (2006.01)
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 (54) CELL SURFACE CONJUGATES AND RELATED CELL COMPOSITIONS AND METHODS
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 C07K 14/705 (2006.01)
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 (51) Int. Cl.
 F03G 7/10 (2006.01)
 B63B 21/26 (2006.01)
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 F03G 7/10 (2006.01)
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 F03D 13/25 (2016.01)
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 B63B 35/44 (2006.01)
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A61P 3/10 (2006.01)
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H01H 71/00 (2006.01)
G01R 31/3181 (2006.01)
H02H 1/00 (2006.01)
H02H 3/10 (2006.01)
H02H 7/00 (2006.01)
G08B 21/18 (2006.01)
H02H 3/02 (2006.01)
 (31) 2021901187 (32) 21.04.21 (33) AU
 (43) 10.11.2022
 (72) ROSEWARNE, Karl Robert; BALLINGALL, Shane Matthew; SARGEANT, Gary Leslie
 (74) Patenteur Pty Ltd

(71) Rhino Rack Australia Pty Limited
 (11) AU-A-2022202665
 (21) 2022202665 (22) 21.04.2022

(54) T-Joint Connector Device
 (51) Int. Cl.
F16B 7/04 (2006.01)
F16B 5/00 (2006.01)
E04H 17/14 (2006.01)
E06B 3/964 (2006.01)
 (31) 2021901181 (32) 21.04.21 (33) AU
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 (72) Schwecke, Colin; Dacunha, Marcello; Davis, William
 (74) IP SOLVED (ANZ) PTY. LTD.

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 (21) 2022252769 (22) 13.10.2022
 (54) EXON SKIPPING COMPOSITIONS FOR TREATING MUSCULAR DYSTROPHY
 (51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/7088 (2006.01)
A61P 21/00 (2006.01)
C12N 15/113 (2010.01)
 (43) 10.11.2022
 (62) 2020203473
 (72) Bestwick, Richard K.; Frank, Diane Elizabeth
 (74) Davies Collison Cave Pty Ltd

(71) Schneider Electric Industries SAS
 (11) AU-A-2022202696
 (21) 2022202696 (22) 22.04.2022
 (54) PLUG-IN CONTACT ASSEMBLY SUITABLE FOR AUTOMATIC TRANSFER SWITCH
 (51) Int. Cl.
H01H 1/24 (2006.01)
H01H 13/28 (2006.01)
H01R 4/02 (2006.01)
H01R 4/28 (2006.01)
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H01R 13/629 (2006.01)
 (31) 202120856494.9 (32) 23.04.21 (33) CN
 (43) 10.11.2022
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 (74) Madderns Pty Ltd

(71) Schneider Electric Industries SAS
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 (21) 2022202697 (22) 22.04.2022
 (54) SPRING MECHANISM USED FOR DUAL POWER TRANSFER SWITCH AND DUAL POWER TRANSFER SWITCH
 (51) Int. Cl.
H01H 3/30 (2006.01)
F16F 1/12 (2006.01)
H01H 9/16 (2006.01)
H02J 9/06 (2006.01)
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 (72) Zhou, Junjie; Xie, Xi; Wang, Xiaoqin
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A61K 38/00 (2006.01)
C07K 16/28 (2006.01)
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 (74) WRAYS PTY LTD

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G06F 3/0484 (2013.01)
A63F 1/00 (2006.01)
G06K 9/00 (2006.01)
 (31) 10202104316S (32) 27.04.21 (33) SG
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 (72) WANG, Xinxin; XIE, Fei
 (74) Madderns Pty Ltd

(71) Shattuck Labs, Inc.
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 (51) Int. Cl.
C07K 14/525 (2006.01)
A61K 38/17 (2006.01)
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 (54) Improvements in Relation to Cornices
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E04F 13/072 (2006.01)
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 (54) LUBRICANT PUMPING SYSTEM
 (51) Int. Cl.
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 (72) Kreuzkaemper, Juergen; Schuermann, Stefan; Schoenfeld, Andreas; Hess, Dieter
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(71) Snap-on Incorporated
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 (54) Offset impact mechanism for a hammer tool
 (51) Int. Cl.
B25D 11/06 (2006.01)
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 (72) BEER, Joshua M.
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(71) Sungrow Power Supply Co., Ltd.
 (11) AU-A-2022201479
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 (54) Device for producing hydrogen by water electrolysis
 (51) Int. Cl.
C25B 9/60 (2021.01)
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 (72) ZHANG, Xinjian
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 (54) Method of signal generation and signal generating device
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 (72) MURAKAMI, Yutaka; KIMURA, Tomohiro; OUCHI, Mikihiro
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 (54) Lawnmower collection vessel fill indicator assemblies
 (51) Int. Cl.
A01D 34/82 (2006.01)
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 (72) FIELD, Alex; TIEMANN, Eli; SHAFRAN, Joshua; KOERNER, Maxwell; HOLLOWAY, Phillip; KILEY, Samuel
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 (54) Battery temperature based tool power reduction
 (51) Int. Cl.
H03L 1/02 (2006.01)
B23B 45/02 (2006.01)
H02J 7/02 (2016.01)
H02P 4/00 (2006.01)
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 (72) FELDKAMP, Jonathan R.; KONDRO, Grzegorz; HINES, Colin W.; TANG, Mathew; MIKA, Nikolas F.
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 (54) Inserts, assemblies including inserts, and methods of use of inserts
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H05K 5/04 (2006.01)
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 (72) HALL Jr., Curtis L.; LUTZ, David
 (74) FB Rice Pty Ltd

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 (51) Int. Cl.
C12Q 1/68 (2018.01)
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 (72) Javaid, Sarah; Haber, Daniel A.; Kapur, Ravi; Toner, Mehmet; Maheswaran, Shyamala; Hong, Xin; Miyamoto, David Tomoaki; Todorova, Tanya
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 (11) AU-A-2022246445
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 (51) Int. Cl.
C12N 9/22 (2006.01)
C07K 14/195 (2006.01)
C12N 9/16 (2006.01)
C12N 15/11 (2006.01)
C12N 15/62 (2006.01)
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C12N 15/79 (2006.01)
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 (21) 2022202701 (22) 23.04.2022
 (54) Plug Swivel Adapter
 (51) Int. Cl.
H01R 13/62 (2006.01)
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H01R 24/00 (2011.01)
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H01R 31/06 (2006.01)
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H01R 13/629 (2006.01)
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 (72) Owers, Neil; Khan, Akram
 (74) The Trustee for Quantum Flow Trust

(71) The Trustees of the University of Pennsylvania; Novartis AG
 (11) AU-A-2022231783
 (21) 2022231783 (22) 16.09.2022
 (54) Methods for improving the efficacy and expansion of chimeric antigen receptor-expressing cells
 (51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)
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 (72) Singh, Nathan Amar; Zheng, Zoe; Barrett, David Maxwell; Bedoya, Felipe; Powell Jr., Daniel J.; Ghassemi, Saba; June, Carl H.; Levine, Bruce L.; Melenhorst, Jan J.; Milone, Michael C.
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(71) Titan Trailers Inc.
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 (21) 2022252823 (22) 14.10.2022

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(54) Quasi-cylindrical cargo container and construction
 (51) Int. Cl.
B65D 90/02 (2019.01)
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 (43) 10.11.2022
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 (72) KLOEPFER, Michael
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(71) Titan Trailers Inc.
 (11) AU-A-2022252824
 (21) 2022252824 (22) 14.10.2022
 (54) Quasi-cylindrical cargo container and construction
 (51) Int. Cl.
B65D 90/02 (2019.01)
B65D 88/06 (2006.01)
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 (43) 10.11.2022
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(71) Transportation IP Holdings, LLC
 (11) AU-A-2022201550
 (21) 2022201550 (22) 07.03.2022
 (54) CONTROL SYSTEM
 (51) Int. Cl.
G05B 19/048 (2006.01)
G05B 15/00 (2006.01)
G07C 5/08 (2006.01)
 (31) 17/237,686 (32) 22.04.21 (33) US
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 (72) Karunaratne, Milan; North, Nathan Thomas; Paul, Anthony D.
 (74) Phillips Ormonde Fitzpatrick

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 (21) 2021202471 (22) 22.04.2021
 (54) Cancer therapeutic methods
 (51) Int. Cl.
C12Q 1/6886 (2018.01)
A61K 31/4706 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
G01N 33/50 (2006.01)
C12Q 1/6827 (2018.01)
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 (72) Joshua, Anthony Michael; Koritzinsky, Marianne; Li, Sue; Marastoni, Stefano; Wouters, Bradley G.
 (74) Thomas Peter Gumley

(71) University Health Network
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 (21) 2022252839 (22) 14.10.2022
 (54) Methods and compositions for generating chondrocyte lineage cells and/or cartilage like tissue
 (51) Int. Cl.
C12N 5/077 (2010.01)
A61K 35/32 (2015.01)

A61P 19/00 (2006.01)
C12N 5/073 (2010.01)
C12Q 1/02 (2006.01)
G01N 33/48 (2006.01)
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 (43) 10.11.2022
 (62) 2020204058
 (72) Keller, Gordon; Craft, April M.
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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 (21) 2022221419

(71) Vascular Graft Solutions Ltd.
 (11) AU-A-2022202617
 (21) 2022202617 (22) 20.04.2022
 (54) Asymmetric external support for stabilizing a vein graft used in a coronary arterial bypass graft (CABG) procedure, and applications thereof
 (51) Int. Cl.
A61F 2/90 (2013.01)
A61F 2/07 (2013.01)
 (31) 17/237,096 (32) 22.04.21 (33) US
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 (72) ORION, Eyal
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(71) Vertex Pharmaceuticals Incorporated
 (11) AU-A-2022215178
 (21) 2022215178 (22) 09.08.2022
 (54) Materials and methods for treatment of duchenne muscular dystrophy
 (51) Int. Cl.
C12N 5/074 (2010.01)
A61K 38/46 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C12N 5/077 (2010.01)
C12N 5/0775 (2010.01)
C12N 9/22 (2006.01)
C12N 9/96 (2006.01)
C12N 15/10 (2006.01)
C12N 15/85 (2006.01)
C12N 15/90 (2006.01)
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 (62) 2016344609
 (72) KABADI, Ami Meda; COWAN, Chad Albert; LUNDBERG, Ante Sven
 (74) FB Rice Pty Ltd

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 (21) 2021204408

(71) Wilcox Industries Corp.
 (11) AU-A-2022202249
 (21) 2022202249 (22) 04.04.2022
 (54) Cover System For Laser Accessory Device
 (51) Int. Cl.
F41G 11/00 (2006.01)
F21V 21/14 (2006.01)
 (31) 17/706,795 (32) 29.03.22 (33) US
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 (72) TEETZEL, James W.; LEMIRE, Gary M.
 (74) WRAYS PTY LTD

(71) Wilcox Industries Corp.
 (11) AU-A-2022202678
 (21) 2022202678 (22) 22.04.2022
 (54) Adjustable Helmet-Mounted Circumaural Adaptor
 (51) Int. Cl.
H04R 1/10 (2006.01)
A61F 11/14 (2006.01)
 (31) 63/179,792 (32) 26.04.21 (33) US
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 (43) 10.11.2022
 (72) HALL, Edward R.
 (74) WRAYS PTY LTD

(71) Woodform Architectural Pty Ltd t/a Sculptform
 (11) AU-A-2021221793
 (21) 2021221793 (22) 25.08.2021
 (54) A Batten Fixing Clip And A Method Of Fixing The Clip
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04B 1/41 (2006.01)
E04F 11/18 (2006.01)
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 (72) Napier, Jeremy; Schwartz, Bradley; Scott, David; Wright, Alasdair; Campbell, George; Eden, Tim
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 (21) 2022100146 (22) 18.10.2022
 (54) ANIMAL ENCLOSURE
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 A01K 1/03 (2006.01)
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 (45) 10.11.2022
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 (72) Harfouche, Gabriel; Harfouche, Kelsie
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 G01M 3/28 (2006.01)
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<p>(71) Abionyx Pharma SA (11) AU-A-2021254856 (21) 2021254856 (22) 15.04.2021 (54) CER-001 therapy for treating kidney disease (51) Int. Cl. A61P 13/12 (2006.01) A61K 38/17 (2006.01) (87) WO2021/209822 (31) 63/011,048 (32) 16.04.20 (33) US 63/092,072 15.10.20 US PCT/ 07.01.21 IB IB2021/000021 (43) 21.10.2021 (72) DASSEUX, Jean-Louis; CALABRESI, Laura; TUPIN, Cyrille; BARBARAS, Ronald; PEYROTTE, Constance (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) Actimed Therapeutics Ltd (11) AU-A-2021253747 (21) 2021253747 (22) 31.03.2021 (54) Organic acid addition salts of S-pindolol (51) Int. Cl. C07D 209/32 (2006.01) A61K 31/405 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 21/00 (2006.01) A61P 25/22 (2006.01) A61P 27/06 (2006.01) (87) WO2021/205144 (31) 2005112.4 (32) 07.04.20 (33) GB (43) 14.10.2021 (72) BHATTACHERJEE, Robin Chandra; COATS, Andrew Justin Stewart; MORTEN, Elaine; LAWRENCE, Ronnie Maxwell; RAEBURN, Jaclyn; LOBATO, Kiara Marissa; LOUGHREY, Jonathan James (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021232924 (21) 2021232924 (22) 09.03.2021 (54) Surfactants for healthcare products (51) Int. Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 9/107 (2006.01) A61K 9/20 (2006.01) A61K 31/55 (2006.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) (87) WO2021/183582 (31) 62/988,178 (32) 11.03.20 (33) US (43) 16.09.2021 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Achilles Therapeutics UK Limited (11) AU-A-2021262547 (21) 2021262547 (22) 27.04.2021 (54) T cell therapy (51) Int. Cl. A61K 35/17 (2015.01) A61K 31/675 (2006.01) A61K 31/7076 (2006.01) A61K 38/20 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C12N 5/0783 (2010.01) (87) WO2021/219990 (31) 2006221.2 (32) 28.04.20 (33) GB 2105119.8 09.04.21 GB (43) 04.11.2021 (72) PEGGS, Karl (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021232892 (21) 2021232892 (22) 09.03.2021 (54) Surfactants for cleaning products (51) Int. Cl. C11D 1/62 (2006.01) C11D 1/46 (2006.01) C11D 1/75 (2006.01) C11D 1/92 (2006.01) C11D 10/04 (2006.01) D06L 1/04 (2006.01) (87) WO2021/183557 (31) 62/988,211 (32) 11.03.20 (33) US (43) 16.09.2021 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021233820 (21) 2021233820 (22) 09.03.2021 (54) Surfactants for inks, paints, and adhesives (51) Int. Cl. C09D 11/03 (2014.01) C09D 7/60 (2018.01) C09D 11/38 (2014.01) (87) WO2021/183583 (31) 62/988,191 (32) 11.03.20 (33) US (43) 16.09.2021 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>
<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021234274 (21) 2021234274 (22) 09.03.2021 (54) Surfactants for electronics products (51) Int. Cl. C09K 13/08 (2006.01) C07C 229/10 (2006.01) (87) WO2021/183581 (31) 62/988,175 (32) 11.03.20 (33) US (43) 16.09.2021 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021232893 (21) 2021232893 (22) 09.03.2021</p>	<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021232924 (21) 2021232924 (22) 09.03.2021 (54) Surfactants for healthcare products (51) Int. Cl. A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 9/107 (2006.01) A61K 9/20 (2006.01) A61K 31/55 (2006.01) A61K 47/14 (2017.01) A61K 47/18 (2017.01) (87) WO2021/183582 (31) 62/988,178 (32) 11.03.20 (33) US (43) 16.09.2021 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>

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<p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021236069 (21) 2021236069 (22) 09.03.2021 (54) Surfactants for oil and gas production (51) Int. Cl. C09K 8/035 (2006.01) C09K 8/584 (2006.01) C09K 8/594 (2006.01) C09K 8/60 (2006.01) C09K 8/68 (2006.01) C09K 8/70 (2006.01) E21B 43/16 (2006.01) E21B 43/26 (2006.01) (87) WO2021/183565 (31) 62/988,194 (32) 11.03.20 (33) US (43) 16.09.2021 (72) ASIRVATHAM, Edward (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Albemarle Corporation (11) AU-A-2021272906 (21) 2021272906 (22) 11.05.2021 (54) Process, system, and apparatus for reducing environmental pollutants from a mobile phase (51) Int. Cl. B01D 53/64 (2006.01) B01D 53/80 (2006.01) B01D 53/96 (2006.01) (87) WO2021/231442 (31) 63/023,137 (32) 11.05.20 (33) US (43) 18.11.2021 (72) ZHOU, Qunhui; KIM, Se Hye; MILLER, Jon E.; WELZ, Sascha J. (74) FB Rice Pty Ltd</p>	<p>(71) American Sterilizer Company (11) AU-A-2021244198 (21) 2021244198 (22) 22.03.2021 (54) 360 degrees plus rotation camera module for surgical light head handle (51) Int. Cl. A61B 90/30 (2016.01) (87) WO2021/194936 (31) 63/000,655 (32) 27.03.20 (33) US 63/000,672 27.03.20 US 63/000,719 27.03.20 US (43) 30.09.2021 (72) WATSON, Breese J.; TURCOVSKY, Gregory (74) WRAYS PTY LTD</p>
<p>(71) Afimmune Limited (11) AU-A-2020440809 (21) 2020440809 (22) 03.04.2020 (54) Compositions comprising 15-HEPE for treating or preventing hematologic disorders, and/or related diseases (51) Int. Cl. A61K 31/202 (2006.01) A61P 7/00 (2006.01) A61P 7/02 (2006.01) A61P 7/06 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) (87) WO2021/197639 (43) 07.10.2021 (72) CLIMAX, John; HAMZA, Moayed; WEISSBACH, Markus; COUGHLAN, David (74) Spruson & Ferguson</p>	<p>(71) Albemarle Corporation (11) AU-A-2021278977 (21) 2021278977 (22) 28.05.2021 (54) Method of reducing environmental methylmercury and limiting its uptake into plants and organisms (51) Int. Cl. A61K 35/618 (2015.01) A61K 8/98 (2006.01) A61Q 19/00 (2006.01) (87) WO2021/243210 (31) 63/031,174 (32) 28.05.20 (33) US (43) 02.12.2021 (72) KIM, Se Hye; ZHOU, Qunhui; MILLER, Jon E.; WELZ, Sascha J. (74) FB Rice Pty Ltd</p>	<p>(71) Ampelmann Holding B.V. (11) AU-A-2021292871 (21) 2021292871 (22) 17.06.2021 (54) A temporary working platform, a transport system, a vessel, and a method (51) Int. Cl. B63B 25/00 (2006.01) B63B 25/18 (2006.01) B63B 27/14 (2006.01) B63B 39/00 (2006.01) E04G 1/36 (2006.01) E04G 3/24 (2006.01) (87) WO2021/256928 (31) 2025849 (32) 17.06.20 (33) NL (43) 23.12.2021 (72) HOOGHOUTD, Marijn Jaap Anton Maria; DE JONG, Philippus Johannes Eduardus Maria; DE RUITER, Adrianus Huibert; DE LAAT, Floris Peter; THÖNISSEN, Vincent Johannes Adrianus (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>
<p>(71) Agilent Technologies, Inc. (11) AU-A-2021288222 (21) 2021288222 (22) 11.06.2021 (54) Systems and methods for coverslipping slides (51) Int. Cl. G01N 1/36 (2006.01) G01N 35/00 (2006.01) (87) WO2021/252916 (31) 63/038,264 (32) 12.06.20 (33) US (43) 16.12.2021 (72) ANDERSON, Rolfe; MCCAMPBELL, Adrienne; LIM, Victor; SCHEMBRI, Car-</p>	<p>(71) Aligos Therapeutics, Inc. (11) AU-A-2021251249 (21) 2021251249 (22) 09.04.2021 (54) Short interfering nucleic acid (siNA) molecules and uses thereof for coronavirus diseases (51) Int. Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) (87) WO2021/207637 (31) 63/008,273 (32) 10.04.20 (33) US (43) 14.10.2021 (72) BEIGELMAN, Leonid; STOYCHEVA, Antitsa; BHATTACHARYA, Aneerban; SMITH, David Bernard; PANDEY, Rajendra K.; MONTERO, Saul Martinez; RAJWANSHI, Vivek Kumar; HONG, Jin (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Aratinga.bio TNP (11) AU-A-2021243745 (21) 2021243745 (22) 29.03.2021 (54) Targeted poly(beta-amino ester)s (51) Int. Cl. A61K 47/54 (2017.01) A61K 47/59 (2017.01) A61K 47/62 (2017.01) A61K 47/69 (2017.01) (87) WO2021/191686 (31) 63/001,209 (32) 27.03.20 (33) US (43) 30.09.2021 (72) TEZGEL, Özgül; MOURLANE, Frederic; VAILLANT, Renaud; BAUCHE, Cécile (74) Southern Cross Intellectual Property</p>
<p>(71) Alnylam Pharmaceuticals, Inc. (11) AU-A-2021265813 (21) 2021265813 (22) 29.04.2021 (54) Complement factor B (CFB) iRNA compositions and methods of use thereof (51) Int. Cl. A61K 31/713 (2006.01) C12N 15/113 (2010.01) A61P 7/00 (2006.01) (87) WO2021/222549</p>	<p>(71) Albemarle Corporation (11) AU-A-2021278977 (21) 2021278977 (22) 28.05.2021 (54) Method of reducing environmental methylmercury and limiting its uptake into plants and organisms (51) Int. Cl. A61K 35/618 (2015.01) A61K 8/98 (2006.01) A61Q 19/00 (2006.01) (87) WO2021/243210 (31) 63/031,174 (32) 28.05.20 (33) US (43) 02.12.2021 (72) KIM, Se Hye; ZHOU, Qunhui; MILLER, Jon E.; WELZ, Sascha J. (74) FB Rice Pty Ltd</p>	<p>(71) Ampelmann Holding B.V. (11) AU-A-2021292871 (21) 2021292871 (22) 17.06.2021 (54) A temporary working platform, a transport system, a vessel, and a method (51) Int. Cl. B63B 25/00 (2006.01) B63B 25/18 (2006.01) B63B 27/14 (2006.01) B63B 39/00 (2006.01) E04G 1/36 (2006.01) E04G 3/24 (2006.01) (87) WO2021/256928 (31) 2025849 (32) 17.06.20 (33) NL (43) 23.12.2021 (72) HOOGHOUTD, Marijn Jaap Anton Maria; DE JONG, Philippus Johannes Eduardus Maria; DE RUITER, Adrianus Huibert; DE LAAT, Floris Peter; THÖNISSEN, Vincent Johannes Adrianus (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>

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- (71) Arizona Board of Regents on behalf of the University of Arizona
 (11) AU-A-2021251208
 (21) 2021251208 (22) 08.04.2021
 (54) Compositions and methods for treating and preventing lung disease
 (51) Int. Cl.
 A61K 9/12 (2006.01)
 A61K 38/04 (2006.01)
 A61P 11/06 (2006.01)
 (87) WO2021/207514
 (31) 63/006,831 (32) 08.04.20 (33) US
 (43) 14.10.2021
 (72) LEDFORD, Julie; KRAFT, Monica; VAGNER, Josef; BOITANO, Scott
 (74) Spruson & Ferguson
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- (71) Arizona Board of Regents on behalf of the University of Arizona
 (11) AU-A-2021258291
 (21) 2021258291 (22) 23.04.2021
 (54) Carbenium based organic redox flow batteries
 (51) Int. Cl.
 H01M 8/18 (2006.01)
 C07D 279/30 (2006.01)
 H01M 8/20 (2006.01)
 (87) WO2021/217092
 (31) 63/014,810 (32) 24.04.20 (33) US
 (43) 28.10.2021
 (72) GIANETTI, Thomas; MOUTET, Jules
 (74) Spruson & Ferguson
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- (71) Asahi Group Holdings, Ltd.
 (11) AU-A-2021282621
 (21) 2021282621 (22) 01.06.2021
 (54) Lactic acid bacteria growth promoter
 (51) Int. Cl.
 C07K 4/06 (2006.01)
 C12N 1/20 (2006.01)
 (87) WO2021/246392
 (31) 2020-096288 (32) 02.06.20 (33) JP
 (43) 09.12.2021
 (72) UCHIDA, Naoto; KIRITA, Masanobu
 (74) Spruson & Ferguson
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- (71) ASSIA SPE, LLC
 (11) AU-A-2021252927
 (21) 2021252927 (22) 06.04.2021
 (54) Systems and methods for remote collaboration
 (51) Int. Cl.
 H04L 1/00 (2006.01)
 H04L 1/20 (2006.01)
 H04L 12/66 (2006.01)
 (87) WO2021/207269
 (31) 63/006,628 (32) 07.04.20 (33) US
 63/026,112 17.05.20 US
 63/057,806 28.07.20 US
 63/076,209 09.09.20 US
 (43) 14.10.2021
 (72) CIOFFI, John; HWANG, Chan-Soo; SILVERMAN, Peter; CIL, Tuncay; BEDNARZ, Philip; CHOW, Peter; GARCIA HERNANDEZ, Carlos
 (74) Griffith Hack
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- (71) Auxilium Biotechnologies Inc.
 (11) AU-A-2021256461
 (21) 2021256461 (22) 13.04.2021
 (54) Dynamic microfabrication through digital photolithography system and methods
 (51) Int. Cl.
 B28B 17/00 (2006.01)
 B29C 35/02 (2006.01)
 B29C 35/08 (2006.01)
 B29C 41/08 (2006.01)
 B29C 67/04 (2017.01)
 B29C 67/06 (2017.01)
 B29C 70/64 (2006.01)
 (87) WO2021/211586
 (31) 63/009,927 (32) 14.04.20 (33) US
 (43) 21.10.2021
 (72) LAZAROVITS, Isac
 (74) FB Rice Pty Ltd
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- (71) Aventi Inc.
 (11) AU-A-2021251638
 (21) 2021251638 (22) 09.04.2021
 (54) Pharmaceutical composition for preventing or treating muscular weakness-related diseases comprising alverine, 4-hydroxy alverine, derivative thereof, or pharmaceutically acceptable salt thereof
 (51) Int. Cl.
 C07C 215/54 (2006.01)
 A23L 33/10 (2016.01)
 A61K 31/133 (2006.01)
 A61K 31/135 (2006.01)
 A61P 21/00 (2006.01)
 C07C 211/03 (2006.01)
 C12N 5/077 (2010.01)
 (87) WO2021/206513
 (31) 10-2020-0043481 (32) 09.04.20 (33) KR
 10-2020-0160258 25.11.20 KR
 (43) 14.10.2021
 (72) KWON, Ki-Sun; LEE, Younglang; YOON, Jong Hyun; LEE, Seung-Min; JEON, Chang Hoon; HA, Tai Hwan; JEONG, Do Yeun
 (74) FB Rice Pty Ltd
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- (71) Babel Street, Inc.
 (11) AU-A-2021263652
 (21) 2021263652 (22) 26.04.2021
 (54) Multiple device intersection using geotemporal mobile application data
 (51) Int. Cl.
 G06T 17/05 (2011.01)
 G01C 21/32 (2006.01)
 G06K 9/62 (2006.01)
 G06V 10/40 (2022.01)
 G06V 30/18 (2022.01)
 (87) WO2021/222142
 (31) 63/015,908 (32) 27.04.20 (33) US
 (43) 04.11.2021
 (72) CHAPMAN, Jeffrey; MYATT, Shon; HAYNIE, James B.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Baker Hughes Oilfield Operations LLC
 (11) AU-A-2021244351
 (21) 2021244351 (22) 23.03.2021
-
- (54) Window mill and whipstock connector for a resource exploration and recovery system
 (51) Int. Cl.
 E21B 7/06 (2006.01)
 E21B 29/06 (2006.01)
 (87) WO2021/195032
 (31) 16/829,064 (32) 25.03.20 (33) US
 (43) 30.09.2021
 (72) HARRINGTON, Kevin Edgar; HERN, Gregory; GREGUREK, Philip M.; CULLUM, Jason; FERDIN, Valerie; GRINDHAUG, Gaute; EIDEM, Morten
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Baker Hughes Oilfield Operations LLC
 (11) AU-A-2021244352
 (21) 2021244352 (22) 23.03.2021
 (54) Mill to whipstock connection system
 (51) Int. Cl.
 E21B 7/06 (2006.01)
 E21B 29/00 (2006.01)
 E21B 29/06 (2006.01)
 (87) WO2021/195034
 (31) 16/829,090 (32) 25.03.20 (33) US
 (43) 30.09.2021
 (72) NGUYEN, Tuan; GREGUREK, Philip M.; HARRINGTON, Kevin Edgar; HERN, Gregory; MICHALEC, Christopher; GRINDHAUG, Gaute; EIDEM, Morten
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Bangolae, B.; Santhanam, L.; Gopal, D.; Kattamalalavadi, P.; Kshirsagar, S.; Musib, B.
 (11) AU-A-2021252652
 (21) 2021252652 (22) 09.04.2021
 (54) A light redirecting prism, a redirecting prismatic wall and a solar panel incorporating the same
 (51) Int. Cl.
 G02B 5/04 (2006.01)
 F24S 23/70 (2018.01)
 H01L 31/054 (2014.01)
 (87) WO2021/205390
 (31) 202041015548 (32) 09.04.20 (33) IN
 202041016181 14.04.20 IN
 202041017713 24.04.20 IN
 202041021540 22.05.20 IN
 202041039558 13.09.20 IN
 (43) 14.10.2021
 (72) BANGOLAE, Balaji Lakshminanth; SANTHANAM, Lakshmi; GOPAL, Deepika; KATTEMALALAVADI, Praadeep Jayaram; KSHIRSAGAR, Sidharth Janardhana; MUSIB, Bikash
 (74) Adams Pluck
-
- (71) Bard Access Systems, Inc.
 (11) AU-A-2021264447
 (21) 2021264447 (22) 26.04.2021
 (54) Rapidly insertable central catheters including catheter assemblies and methods thereof
 (51) Int. Cl.
 A61M 25/00 (2006.01)
 A61M 25/01 (2006.01)
 A61M 25/06 (2006.01)

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A61M 25/09 (2006.01)
(87) WO2021/222116
(31) 63/016,085 **(32)** 27.04.20 **(33)** US
(43) 04.11.2021
(72) HOWELL, Glade H.
(74) FB Rice Pty Ltd

(71) Bayer Aktiengesellschaft
(11) AU-A-2021255795
(21) 2021255795 **(22)** 12.04.2021
(54) Active compound combinations and fungicide compositions comprising those
(51) Int. Cl.
A01N 43/653 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01N 43/88 (2006.01)
A01P 3/00 (2006.01)
(87) WO2021/209363
(31) 20169954.3 **(32)** 16.04.20 **(33)** EP
(43) 21.10.2021
(72) GÖRTZ, Andreas; GÖHLICH, Frank; KLÜKEN, Michael Agostinos
(74) Davies Collison Cave Pty Ltd

(71) Bayer Aktiengesellschaft
(11) AU-A-2021256654
(21) 2021256654 **(22)** 12.04.2021
(54) Active compound combinations and fungicide compositions comprising those
(51) Int. Cl.
A01N 37/34 (2006.01)
A01N 37/50 (2006.01)
A01N 43/32 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/88 (2006.01)
A01N 47/04 (2006.01)
A01N 47/14 (2006.01)
A01N 47/26 (2006.01)
A01N 59/16 (2006.01)
A01P 3/00 (2006.01)
(87) WO2021/209365
(31) 20169944.4 **(32)** 16.04.20 **(33)** EP
(43) 21.10.2021
(72) GÖRTZ, Andreas; GÖHLICH, Frank; KLÜKEN, Agostinos
(74) Davies Collison Cave Pty Ltd

(71) Bayer Aktiengesellschaft
(11) AU-A-2021257572
(21) 2021257572 **(22)** 12.04.2021
(54) Active compound combinations and fungicide compositions comprising those
(51) Int. Cl.
A01N 43/653 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01N 45/02 (2006.01)
A01P 3/00 (2006.01)
(87) WO2021/209364
(31) 20169949.3 **(32)** 16.04.20 **(33)** EP

(43) 21.10.2021
(72) GÖRTZ, Andreas; GÖHLICH, Frank; KLÜKEN, Michael Agostinos
(74) Davies Collison Cave Pty Ltd

(71) Bayer Aktiengesellschaft
(11) AU-A-2021257573
(21) 2021257573 **(22)** 12.04.2021
(54) Active compound combinations and fungicide compositions comprising those
(51) Int. Cl.
A01N 43/653 (2006.01)
A01N 43/30 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01P 3/00 (2006.01)
(87) WO2021/209368
(31) 20169947.7 **(32)** 16.04.20 **(33)** EP
(43) 21.10.2021

(72) GÖRTZ, Andreas; GÖHLICH, Frank; KLÜKEN, Agostinos Michael
(74) Davies Collison Cave Pty Ltd

(71) Bayer HealthCare LLC
(11) AU-A-2021264011
(21) 2021264011 **(22)** 30.04.2021
(54) System, device, and method for safeguarding wellbeing of patients for fluid injection
(51) Int. Cl.
G16H 20/17 (2018.01)
A61B 5/00 (2006.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
(87) WO2021/222771
(31) 63/017,942 **(32)** 30.04.20 **(33)** US
 62/704,954 04.06.20 US
 62/705,613 07.07.20 US
 62/706,597 27.08.20 US
(43) 04.11.2021
(72) THÜERING, Johannes Anton; UBER, Arthur, III; GRIFFITHS, David; MC-DERMOTT, Michael; SKIRBLE, Barry; VAN ROOSMALEN, Linda; CZIB-UR, Adam; LANG, Charles; MOORE, Daniel; CARUSO, Vincenzo; CLARKE, Brandon
(74) Davies Collison Cave Pty Ltd

(71) Bayer HealthCare LLC
(11) AU-A-2021265827
(21) 2021265827 **(22)** 29.04.2021
(54) Pinch valve for fluid injector system
(51) Int. Cl.
A61M 5/145 (2006.01)
A61M 5/168 (2006.01)
A61M 39/28 (2006.01)
F04B 43/08 (2006.01)
(87) WO2021/222619
(31) 63/019,013 **(32)** 01.05.20 **(33)** US
(43) 04.11.2021
(72) NAPLES, Andrew; SPOHN, Michael; COWAN, Kevin; CAPONE, Christopher; RABIN, Edden; WLODARCZYK, Jaroslaw
(74) Davies Collison Cave Pty Ltd

(71) Bayer Aktiengesellschaft
(11) AU-A-2021257572
(21) 2021257572 **(22)** 12.04.2021
(54) Active compound combinations and fungicide compositions comprising those
(51) Int. Cl.
A01N 43/653 (2006.01)
A01N 43/40 (2006.01)
A01N 43/56 (2006.01)
A01N 45/02 (2006.01)
A01P 3/00 (2006.01)
(87) WO2021/209364
(31) 20169949.3 **(32)** 16.04.20 **(33)** EP

(71) Becton, Dickinson and Company
(11) AU-A-2021247156
(21) 2021247156 **(22)** 31.03.2021
(54) Precision pump with automatic valve switching and low tolerance stack-up using side ported cannula for small volume pumping
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
A61M 5/175 (2006.01)
(87) WO2021/202737
(31) 63/005,114 **(32)** 03.04.20 **(33)** US
(43) 07.10.2021
(72) GYORY, John Richard; SUN, Eric Ray; PIZZOCHERO, Alessandro E.
(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2021244590
(21) 2021244590 **(22)** 26.03.2021
(54) Improved systems, components, and combinations thereof for pen-type injection devices
(51) Int. Cl.
A61M 5/00 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(87) WO2021/195483
(31) 63/001,122 **(32)** 27.03.20 **(33)** US
(43) 30.09.2021
(72) QUINN, Michael; CRONENBERG, Richard; BOYER, Robert; GORSHKOV, Alexander
(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2021248877
(21) 2021248877 **(22)** 23.03.2021
(54) Primer for intravenous catheter systems
(51) Int. Cl.
A61M 39/22 (2006.01)
A61B 5/15 (2006.01)
(87) WO2021/202164
(31) 63/002,866 **(32)** 31.03.20 **(33)** US
 17/207,457 19.03.21 US
(43) 07.10.2021
(72) YONG, Zhee Min Jimmy; OOI, Chun Keat
(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2021255458
(21) 2021255458 **(22)** 23.03.2021
(54) Catheter adapter push tab and related devices, systems
(51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
(87) WO2021/211268
(31) 63/009,350 **(32)** 13.04.20 **(33)** US
 17/208,994 22.03.21 US
(43) 21.10.2021
(72) WONG, Yun Hui; CHENG, Kiat Jin
(74) FB Rice Pty Ltd

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

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- (71) Becton, Dickinson and Company
 (11) AU-A-2021259280
 (21) 2021259280 (22) 19.04.2021
 (54) PRN adapter
 (51) Int. Cl.
A61M 39/10 (2006.01)
 (87) WO2021/216410
 (31) 202020642967.0 (32) 24.04.20 (33) CN
 (43) 28.10.2021
 (72) KUNARDI, Linda
 (74) FB Rice Pty Ltd
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- (71) Beijing SmartChip Microelectronics Technology Company Limited; State Grid Information & Telecommunication Group Co., Ltd.
 (11) AU-A-2022202157
 (21) 2022202157 (22) 29.01.2022
 (54) Methods and apparatuses for determining and aggregating qualified subcarriers of node of field area network
 (51) Int. Cl.
H04L 5/00 (2006.01)
 (31) 202110430479.2 (32) 21.04.21 (33) CN
 (43) 10.11.2022
 (72) HUO, Chao; BAI, Huifeng; YIN, Zhibin; ZHENG, Libin; ZHEN, Yan; MU, Di; ZHANG, Ganghong
 (74) Madderns Pty Ltd
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- (71) BerGenBio ASA
 (11) AU-A-2021252094
 (21) 2021252094 (22) 01.04.2021
 (54) AXL inhibitors for antiviral therapy
 (51) Int. Cl.
A61P 31/14 (2006.01)
A61K 31/502 (2006.01)
 (87) WO2021/204713
 (31) 63/007,019 (32) 08.04.20 (33) US
 63/109,393 04.11.20 US
 (43) 14.10.2021
 (72) LORENS, James Bradley; MAURY, Wendy
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Beylefeld, B.J.
 (11) AU-A-2021232154
 (21) 2021232154 (22) 05.03.2021
 (54) Liquid and slurry mixers
 (51) Int. Cl.
B01F 23/50 (2022.01)
B01F 25/50 (2022.01)
B01F 33/80 (2022.01)
 (87) WO2021/176412
 (31) 2020/01402 (32) 05.03.20 (33) ZA
 (43) 10.09.2021
 (72) BEYLEFELD, Barend Jacobus
 (74) Summit IP
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- (71) Biocon Limited; Centro de Inmunología Molecular
 (11) AU-A-2021247258
 (21) 2021247258 (22) 03.04.2021
-
- (54) Anti-CD6 antibody compositions and methods for treating and reducing negative effects of a coronavirus including COVID-19
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
 (87) WO2021/199006
 (31) 202041014994 (32) 04.04.20 (33) IN
 CU-2020-0027 17.04.20 CU
 (43) 07.10.2021
 (72) NAIR, Pradip; CASIMIRO, Jose Enrique Montero; MAZUMDAR SHAW, Kiran; BUGHANI, Usha; ATHALYE, Sandeep Nilkanth; RAMAKRISHNAN, Melarkode Subbaraman; CROMBET RAMOS, Tania; LEÓN MONZÓN, Kalet; RAMOS SUZARTE, Mayra
 (74) RNB IP PTY LTD
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- (71) BioLineRx Ltd.
 (11) AU-A-2021233549
 (21) 2021233549 (22) 11.03.2021
 (54) CXCR4 inhibitor for the treatment of acute respiratory distress syndrome and viral infections
 (51) Int. Cl.
A61K 38/10 (2006.01)
A61K 31/395 (2006.01)
A61K 38/04 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
 (87) WO2021/181398
 (31) 62/987,995 (32) 11.03.20 (33) US
 63/026,059 17.05.20 US
 63/106,419 28.10.20 US
 (43) 16.09.2021
 (72) STEIN, Gideon
 (74) Davies Collision Cave Pty Ltd
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- (71) Blaesi, A.
 (11) AU-A-2021236658
 (21) 2021236658 (22) 17.03.2021
 (54) Expandable, multi-excipient structured dosage form for prolonged drug release
 (51) Int. Cl.
A61K 9/70 (2006.01)
A61K 47/38 (2006.01)
 (87) WO2021/188742
 (31) 62/991,052 (32) 17.03.20 (33) US
 63/158,870 09.03.21 US
 63/085,893 30.09.20 US
 (43) 23.09.2021
 (72) BLAESI, Aron H.; SAKA, Nannaji
 (74) James & Wells Intellectual Property
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- (71) Blaesi, A.
 (11) AU-A-2021239966
 (21) 2021239966 (22) 17.03.2021
 (54) Method and apparatus for 3D-micro-patterning
 (51) Int. Cl.
A61K 9/20 (2006.01)
B29C 44/34 (2006.01)
B29C 44/36 (2006.01)
B29C 48/00 (2019.01)
B29C 48/285 (2019.01)
B29C 48/30 (2019.01)
 (87) WO2021/188745
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 (74) James & Wells Intellectual Property
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 (51) Int. Cl.
H01M 10/04 (2006.01)
H01M 4/04 (2006.01)
H01M 10/054 (2010.01)
 (87) WO2021/195524
 (31) 63/000,805 (32) 27.03.20 (33) US
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 (72) MANTHIRAM, Arumugam; LI, Wangda; LEE, Steven
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Improving plant nutritional value and growth through enhancement of essential amino acid levels
 (51) Int. Cl.
A01H 5/00 (2018.01)
A01H 1/06 (2006.01)
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 (74) FB Rice Pty Ltd
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 (21) 2021301140 (22) 25.06.2021
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 (51) Int. Cl.
A61K 31/5365 (2006.01)
A61K 31/519 (2006.01)
A61K 31/54 (2006.01)
 (87) WO2022/002780
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 (72) FLECK, Martin Thomas; BINDER, Florian Paul Christian; WILLWACHER, Jens
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 (54) Method for assembling dispensing devices, and dispensing device
 (51) Int. Cl.
B05B 11/00 (2006.01)
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(51) Int. Cl.
B05D 7/16 (2006.01)
C09D 4/00 (2006.01)
C23C 8/02 (2006.01)
(87) WO2021/207811
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(74) Spruson & Ferguson
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(54) Tetrahydroisoquinoline compounds as Nrf2 activators
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4725 (2006.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 13/12 (2006.01)
A61P 17/00 (2006.01)
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C07D 471/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) Tetrahydroisoquinoline compounds as Nrf2 activators
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4725 (2006.01)
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A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 13/12 (2006.01)
A61P 17/00 (2006.01)
A61P 25/00 (2006.01)
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(11) AU-A-2021246507
(21) 2021246507 (22) 01.04.2021
(54) Expandable drip chamber
(51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/162 (2006.01)
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(54) Treatment apparatus
(51) Int. Cl.
A61B 18/18 (2006.01)
A61B 18/00 (2006.01)
A61B 18/20 (2006.01)
A61N 1/05 (2006.01)
A61N 1/18 (2006.01)
(87) WO2021/222372
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- (71) Cara Therapeutics, Inc.
(11) AU-A-2021236662
(21) 2021236662 (22) 18.03.2021
(54) Oligosaccharide formulations of kappa opioid receptor agonists
(51) Int. Cl.
A61K 38/07 (2006.01)
C07K 5/10 (2006.01)
C07K 5/103 (2006.01)
(87) WO2021/188753
(31) 62/991,560 (32) 18.03.20 (33) US
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(72) WILSON, Bryan R.; O'CONNOR, Stephen J.
(74) AJ PARK
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(11) AU-A-2021246507
(21) 2021246507 (22) 01.04.2021
(54) Expandable drip chamber
(51) Int. Cl.
A61M 5/14 (2006.01)
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(54) Check valve with secondary backflow seal
(51) Int. Cl.
A61M 39/24 (2006.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2021246242
(21) 2021246242 (22) 02.04.2021
(54) Combinatorial therapies including implantable damping devices and biologic therapeutic agents for treating a condition and associated systems and methods of use
(51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/11 (2006.01)
A61F 2/06 (2013.01)
A61F 2/07 (2013.01)
A61F 2/848 (2013.01)
A61K 35/28 (2015.01)
A61K 35/741 (2015.01)
A61K 38/45 (2006.01)
A61K 48/00 (2006.01)
A61P 9/12 (2006.01)
A61P 25/28 (2006.01)
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A61P 41/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (71) Cashmore, S.; Cashmore, J.
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(54) Biodegradable and/or edible tableware
(51) Int. Cl.
A21D 13/48 (2017.01)
A21C 11/00 (2006.01)
A21C 15/02 (2006.01)
A21D 8/06 (2006.01)
A21D 13/33 (2017.01)
(87) WO2022/208367
(31) 2021900930 (32) 29.03.21 (33) AU
(43) 06.10.2022
(72) CASHMORE, Stephen Roland; CASHMORE, James Gordon
(74) Dentons Patent Attorneys Australasia Limited

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<p>(71) CELLINK Bioprinting AB (11) AU-A-2021270219 (21) 2021270219 (22) 03.05.2021 (54) Bioprinter and method for calibration of the bioprinter (51) Int. Cl. B29C 64/209 (2017.01) B29C 64/393 (2017.01) B33Y 50/02 (2015.01) G01B 17/00 (2006.01) G01B 21/04 (2006.01) (87) WO2021/230789 (31) 2050555-8 (32) 12.05.20 (33) SE (43) 18.11.2021 (72) ANDRÉN, Anton; FALTPHIL, Peter; STERNÁ, Erik; MICHA, Adam; CAKIR, Ali; MARTINEZ, Hector; GATENHOLM, Erik (74) Griffith Hack</p>	<p>(31) 15/929,632 (32) 13.05.20 (33) US (43) 18.11.2021 (72) LAUGIER, Fabien J.; DOWNARD, Alicia; HOLMES, Robert Chadwick (74) Davies Collison Cave Pty Ltd</p>	<p>(43) 02.12.2021 (72) SHRIVASTAVA, Gaurav; LINDEM, Alfred C.; CHINTALLAPUDI, Ravi Kiran; DAS, Torsha Banerjee (74) Davies Collison Cave Pty Ltd</p>
<p>(71) Cellvie Inc. (11) AU-A-2021246112 (21) 2021246112 (22) 02.04.2021 (54) Enhancement of adoptive cell transfer (51) Int. Cl. C12N 5/0783 (2010.01) A61P 35/00 (2006.01) (87) WO2021/203046 (31) 63/005,167 (32) 03.04.20 (33) US (43) 07.10.2021 (72) SCHUELLER, Alexander; KIPRIJANOV, Sergej; DUMAUTHIOZ, Nina (74) FB Rice Pty Ltd</p>	<p>(71) Chryso (11) AU-A-2021252137 (21) 2021252137 (22) 08.04.2021 (54) Partially protonated alkanolamine composition, and use in a mill (51) Int. Cl. C04B 28/02 (2006.01) C04B 24/12 (2006.01) (87) WO2021/204942 (31) 2003563 (32) 09.04.20 (33) FR (43) 14.10.2021 (72) JACHET, Marie; PELLERIN, Bruno (74) Davies Collison Cave Pty Ltd</p>	<p>(71) City of Hope (11) AU-A-2021256053 (21) 2021256053 (22) 16.04.2021 (54) FLT3-targeted chimeric antigen receptor or modified cells for treatment of FLT3-positive malignancies (51) Int. Cl. A61P 35/02 (2006.01) A61K 39/00 (2006.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) (87) WO2021/212069 (31) 63/011,819 (32) 17.04.20 (33) US (43) 21.10.2021 (72) CALIGIURI, Michael A.; YU, Jianhua (74) HENRY HUGHES IP LTD</p>
<p>(71) Centro De Ingenieria Genetica Y Biotecnologia (11) AU-A-2021256814 (21) 2021256814 (22) 12.04.2021 (54) Peptide for the treatment of cytokine storm syndrome (51) Int. Cl. A61K 38/17 (2006.01) A61P 31/12 (2006.01) A61P 37/00 (2006.01) (87) WO2021/209080 (31) 2020-0026 (32) 13.04.20 (33) CU (43) 21.10.2021 (72) DOMÍNGUEZ HORTA, María del Carmen; VENEGAS RODRIGUEZ, Rafael; MARTINEZ DONATO, Gillian; GUILLEN NIETO, Gerardo Enrique; HERNÁNDEZ CEDEÑO, Mabel; ORTEGA GONZÁLEZ, Lilia María; NODARSE CUNI, Hugo; LOPEZ ABAD, Cruz Matilde; GARAY PEREZ, Hilda Elisa; UBIETA GÓMEZ, Raimundo (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) Church & Dwight Co., Inc. (11) AU-A-2021259848 (21) 2021259848 (22) 23.04.2021 (54) Hollow core granules, products incorporating the granules, and methods of preparing the granules (51) Int. Cl. B01J 13/12 (2006.01) B01J 13/18 (2006.01) B05D 3/02 (2006.01) (87) WO2021/216986 (31) 63/014,911 (32) 24.04.20 (33) US (43) 28.10.2021 (72) GOMES, Andre Vieira; BUTERA, Adam E.; EGOYANTS, Petr A.; CHEPUR-NAYA, Irina A.; KARUSHEV, Mikhail P.; BYKOV, Vadim A.; ILYIN, Ilya (74) Spruson & Ferguson</p>	<p>(71) Clean Plant Pty Ltd (11) AU-A-2022204155 (21) 2022204155 (22) 26.04.2022 (54) Liquid cannon (51) Int. Cl. E21C 45/00 (2006.01) (31) 2021901243 (32) 27.04.21 (33) AU (43) 10.11.2022 (72) MUNRO, Braydon (74) Griffith Hack</p>
<p>(71) Chevron U.S.A. Inc. (11) AU-A-2021270865 (21) 2021270865 (22) 11.05.2021 (54) Image-comparison based analysis of subsurface representations (51) Int. Cl. G06G 7/48 (2006.01) (87) WO2021/231457</p>	<p>(71) Cisco Technology, Inc. (11) AU-A-2021278112 (21) 2021278112 (22) 18.05.2021 (54) Auto-provisioning of SD-WAN hubs and spokes (51) Int. Cl. H04L 12/46 (2006.01) H04L 45/02 (2022.01) H04L 45/64 (2022.01) (87) WO2021/242562 (31) 16/883,103 (32) 26.05.20 (33) US</p>	<p>(71) ClearStream Technologies Limited (11) AU-A-2020448478 (21) 2020448478 (22) 22.05.2020 (54) Embolisation devices and methods of manufacturing the same (51) Int. Cl. A61B 17/12 (2006.01) A61B 90/00 (2016.01) (87) WO2021/233553 (43) 25.11.2021 (72) RONAN, Allan; SHERIDAN, Stephen; WALL, Seán; GILES, Ciaran (74) Griffith Hack</p>
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 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 18/12 (2006.01)
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B25J 19/00 (2006.01)
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 (31) 2004739.5 (32) 31.03.20 (33) GB
 (43) 07.10.2021
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 (74) FB Rice Pty Ltd
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 (11) AU-A-2021237121
 (21) 2021237121 (22) 16.03.2021
 (54) A quantum processing element and system
 (51) Int. Cl.
B82Y 10/00 (2011.01)
G06N 10/00 (2019.01)
 (87) WO2021/184065
 (31) 2020900803 (32) 16.03.20 (33) AU
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 (72) VINET, Maud; HUTIN, Louis; GILBERT, William James; SARAIVA DE OLIVEIRA, Andre Luiz; ESCOTT, Christopher Colin
 (74) FB Rice Pty Ltd
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- (71) CooperVision International Limited
 (11) AU-A-2021266163
 (21) 2021266163 (22) 26.04.2021
 (54) Antioxidant contact lens
 (51) Int. Cl.
G02B 1/04 (2006.01)
 (87) WO2021/219982
 (31) 63/015,765 (32) 27.04.20 (33) US
 (43) 04.11.2021
 (72) MALTSEVA, Inna; KEIR, Nancy J; LUK, Andrew; ROGERS, Victoria
 (74) Griffith Hack
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 (11) AU-A-2021258269
 (21) 2021258269 (22) 23.04.2021
 (54) Targeting the palmitoylation/depalmitoylation cycle to treat inflammatory diseases
 (51) Int. Cl.
A61K 38/16 (2006.01)
C07K 14/195 (2006.01)
C07K 14/33 (2006.01)
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 (72) LIN, Hening; ZHANG, Mingming; YU, Tao
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021310171
 (21) 2021310171 (22) 13.07.2021
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- (54) Drug delivery system for locally delivering therapeutic agents and uses thereof
 (51) Int. Cl.
A61K 47/36 (2006.01)
A61K 47/61 (2017.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2022/012492
 (31) PCT/ CN2020/102115 (32) 15.07.20 (33) CN
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- (71) Cynosure, LLC
 (11) AU-A-2021267259
 (21) 2021267259 (22) 05.05.2021
 (54) Needle-array devices and related methods
 (51) Int. Cl.
A61N 1/05 (2006.01)
A61B 18/14 (2006.01)
A61N 1/06 (2006.01)
A61N 1/32 (2006.01)
A61B 18/00 (2006.01)
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 (43) 11.11.2021
 (72) MIRKOV, Mirko Georgiev; BOLL, James
 (74) K&L Gates
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 (11) AU-A-2021254279
 (21) 2021254279 (22) 09.04.2021
 (54) Compositions containing activatable antibodies
 (51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2021/207657
 (31) 63/007,776 (32) 09.04.20 (33) US
 (43) 14.10.2021
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 (74) WRAYS PTY LTD
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 (11) AU-A-2021254283
 (21) 2021254283 (22) 09.04.2021
 (54) Activatable cytokine constructs and related compositions and methods
 (51) Int. Cl.
C12N 15/62 (2006.01)
C07K 14/56 (2006.01)
 (87) WO2021/207669
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 (74) WRAYS PTY LTD
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- (71) Design Flow Pty Ltd
 (11) AU-A-2021256325
 (21) 2021256325 (22) 01.04.2021
 (54) A barrier
 (51) Int. Cl.
E02D 29/02 (2006.01)
E04B 1/61 (2006.01)
E04B 2/46 (2006.01)
E04C 2/22 (2006.01)
E04C 2/36 (2006.01)
E04C 2/40 (2006.01)
E04H 17/16 (2006.01)
 (87) WO2021/207786
 (31) 2020901193 (32) 15.04.20 (33) AU
 (43) 21.10.2021
 (72) FOUND, Mark; GERSHON, Vadim; BERRY, Desmond John
 (74) BRM Patent Attorneys Pty Ltd
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- (71) DexCom, Inc.
 (11) AU-A-2020450952
 (21) 2020450952 (22) 04.12.2020
 (54) Glucose prediction using machine learning and time series glucose measurements
 (51) Int. Cl.
G01N 33/48 (2006.01)
A61B 5/00 (2006.01)
 (87) WO2021/242304
 (31) 63/030,492 (32) 27.05.20 (33) US
 (43) 02.12.2021
 (72) DERDZINSKI, Mark; PARKER, Andrew Scott
 (74) FB Rice Pty Ltd
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- (71) Disc Medicine, Inc.; AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
 (11) AU-A-2021270458
 (21) 2021270458 (22) 13.05.2021
 (54) Anti-hemojuvelin (HJV) antibodies for treating myelofibrosis
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2021/231798
 (31) 63/047,828 (32) 02.07.20 (33) US
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 (72) BECONI, Maria; QUISEL, John; MACDONALD, Brian; ROBINETTE, Steven; MUELLER, Bernhard; POPP, Andreas; PEREZ, Jennifer M.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Dishman Carbogen Amcis Ltd
 (11) AU-A-2021226188
 (21) 2021226188 (22) 27.02.2021
 (54) A process for the preparation of methylene blue
 (51) Int. Cl.
C02F 101/30 (2006.01)
C07D 279/18 (2006.01)

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(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Dose Safe Pty Ltd
(11) AU-A-2021245270
(21) 2021245270 **(22)** 30.03.2021
(54) Dispenser
(51) Int. Cl.
A61J 1/03 (2006.01)
A61J 7/04 (2006.01)
B65D 55/02 (2006.01)
B65D 83/04 (2006.01)
(87) WO2021/195699
(31) 2020900962 **(32)** 30.03.20 **(33)** AU
(43) 07.10.2021
(72) BAKARICH, Nick; STRASSMEIR, Kurt; RICHARDSON, Alexander Stewart; WEBSTER, Matthew
(74) MEYER WEST IP

(71) Duckpond Technologies, Inc.
(11) AU-A-2021232943
(21) 2021232943 **(22)** 10.03.2021
(54) Method of securing a voting transaction
(51) Int. Cl.
G07C 13/00 (2006.01)
G06K 17/00 (2006.01)
H04L 9/32 (2006.01)
(87) WO2021/183677
(31) 62/987,396 **(32)** 10.03.20 **(33)** US
(43) 16.09.2021
(72) WILLIAMS, Dartanyon Antwaun
(74) AJ PARK

(71) EditForce, Inc.
(11) AU-A-2021248204
(21) 2021248204 **(22)** 31.03.2021
(54) Method for editing target RNA
(51) Int. Cl.
C12N 15/52 (2006.01)
C07K 14/415 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/29 (2006.01)
(87) WO2021/201198
(31) 2020-065065 **(32)** 31.03.20 **(33)** JP
(43) 07.10.2021
(72) ICHINOSE Mizuho; GUTMANN Bernard; YAGI Yusuke; AKAIWA Yumi; SHI-MAJIRI Yasuka; NAKAMURA Takahiro
(74) RnB IP Pty Ltd

(71) Eisai R&D Management Co., Ltd.; Variation Biotechnologies Inc.
(11) AU-A-2021252972
(21) 2021252972 **(22)** 06.04.2021
(54) Vaccines, adjuvants, and methods of generating an immune response
(51) Int. Cl.

A61K 39/12 (2006.01)
A61P 31/14 (2006.01)
A61K 39/00 (2006.01)
(87) WO2021/207281
(31) 63/005,908 **(32)** 06.04.20 **(33)** US
(43) 14.10.2021
(72) GUSOVSKY, Fabian; HAWKINS, Lynn; ISHIZAKA, Sally; ANDERSON, David Evander; FLUCKIGER, Anne-Catherine
(74) Davies Collison Cave Pty Ltd

(71) Electrolux Home Products, Inc.
(11) AU-A-2020448393
(21) 2020448393 **(22)** 20.05.2020
(54) Refrigerator appliance ice storage bin retention
(51) Int. Cl.
F25C 5/20 (2018.01)
F25C 5/182 (2018.01)
F25C 5/185 (2018.01)
(87) WO2021/236072
(43) 25.11.2021
(72) MCCOLLOUGH, Thomas; DA SILVA, Eduardo Nicolas Orthmann; PAGNOZZI, Rodrigo Marge; REDDY, Loksha Kodigenahalli Chinnappa; SARE, Eduardo Henrique
(74) Halfords IP

(71) Elicera Therapeutics AB
(11) AU-A-2021270220
(21) 2021270220 **(22)** 05.05.2021
(54) Anti-il13alpha2 antibodies, anti-gen-binding fragments and uses thereof
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
C07K 14/715 (2006.01)
C07K 16/28 (2006.01)
(87) WO2021/230792
(31) 2050572-3 **(32)** 15.05.20 **(33)** SE
(43) 18.11.2021
(72) YU, Di; SARÉN, Tina; ESSAND, Magnus; PERSSON LOTSHOLM, Helena; HOFSTRÖM, Camilla; ANDERSSON, Yasmin; ASTORGA WELLS, Juan; ROOS, Annette; PARROW, Vendela
(74) WRAYS PTY LTD

(71) Elrod, S.
(11) AU-A-2021251243
(21) 2021251243 **(22)** 09.04.2021
(54) Scent control device and methods for treating an environment
(51) Int. Cl.
A61L 9/015 (2006.01)
(87) WO2021/207619
(31) 63/008,157 **(32)** 10.04.20 **(33)** US
(43) 14.10.2021
(72) ELROD, Scott A.
(74) Davies Collison Cave Pty Ltd

(71) EnGeneIC Molecular Delivery Pty Ltd
(11) AU-A-2021243842
(21) 2021243842 **(22)** 23.03.2021
(54) Compositions and vaccines for treating and/or preventing viral infections,

including coronavirus infections, and methods of using the same
(51) Int. Cl.
A61K 39/12 (2006.01)
A61K 39/00 (2006.01)
A61K 39/215 (2006.01)
A61K 45/06 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
(87) WO2021/191796
(31) 62/994,057 **(32)** 24.03.20 **(33)** US
(43) 30.09.2021
(72) BRAHMBHATT, Himanshu; MACDIARMID, Jennifer
(74) Davies Collison Cave Pty Ltd

(71) Essilor International
(11) AU-A-2021260818
(21) 2021260818 **(22)** 22.04.2021
(54) Water based anti-abrasion coating
(51) Int. Cl.
G02B 1/14 (2015.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C01B 33/141 (2006.01)
C08K 3/36 (2006.01)
C08K 5/06 (2006.01)
C08K 5/17 (2006.01)
C08K 5/541 (2006.01)
C08K 9/02 (2006.01)
C09D 183/04 (2006.01)
C09D 183/06 (2006.01)
G02B 1/04 (2006.01)
G02C 7/02 (2006.01)
(87) WO2021/214198
(31) 20305397.0 **(32)** 23.04.20 **(33)** EP
(43) 28.10.2021
(72) MORTREUX, Anaelle; HABASSI, Chefik; VANECKHOUTTE, Philippe
(74) Spruson & Ferguson

(71) EV Metals UK Limited
(11) AU-A-2021240412
(21) 2021240412 **(22)** 25.03.2021
(54) Cathode material and process
(51) Int. Cl.
H01M 4/36 (2006.01)
C01G 53/00 (2006.01)
H01M 4/525 (2010.01)
H01M 10/0525 (2010.01)
H01M 4/02 (2006.01)
(87) WO2021/191613
(31) 2004511.8 **(32)** 27.03.20 **(33)** GB
(43) 30.09.2021
(72) CLARK, Joanna Helen; DIAMOND, Andrew; HAMMER, Eva-Maria; WALE, Olivia Rose
(74) FB Rice Pty Ltd

(71) EV Metals UK Limited
(11) AU-A-2021240415
(21) 2021240415 **(22)** 25.03.2021
(54) Cathode material and process
(51) Int. Cl.
H01M 4/131 (2010.01)
C01G 53/00 (2006.01)
H01M 4/1391 (2010.01)
H01M 4/525 (2010.01)
H01M 10/0525 (2010.01)

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(87) WO2021/191622
(31) 2004497.0 **(32)** 27.03.20 **(33)** GB
(43) 30.09.2021
(72) COOMER, Fiona Claire; CORBIN, James Alexander; WALLAR, Cameron Jon
(74) FB Rice Pty Ltd
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- (71)** EV Metals UK Limited
(11) AU-A-2021242024
(21) 2021242024 **(22)** 25.03.2021
(54) Cathode material and process
(51) Int. Cl.
H01M 4/131 (2010.01)
C01G 53/00 (2006.01)
H01M 4/36 (2006.01)
H01M 4/525 (2010.01)
H01M 10/0525 (2010.01)
H01M 4/02 (2006.01)
(87) WO2021/191612
(31) 2004492.1 **(32)** 27.03.20 **(33)** GB
(43) 30.09.2021
(72) CLARK, Joanna Helen; DIAMOND, Andrew; HAMMER, Eva-Maria; WALE, Olivia Rose
(74) FB Rice Pty Ltd
-
- (71)** Exact Sciences Corporation; Mayo Foundation for Medical Education and Research
(11) AU-A-2021257479
(21) 2021257479 **(22)** 16.04.2021
(54) Ingestible sampling device
(51) Int. Cl.
A61B 10/02 (2006.01)
A61B 5/00 (2006.01)
A61B 10/00 (2006.01)
C12Q 1/68 (2018.01)
(87) WO2021/212031
(31) 63/011,684 **(32)** 17.04.20 **(33)** US
(43) 21.10.2021
(72) EISELE, Robert F.; WILLIAMS, Michael E.; IYER, Prasad G.; MARRIONE, Paul; ALLAWI, Hatim T.; LIDGARD, Graham P.; GIAKOUMOPOULOS, Maria; TAYLOR, William R.; YAB, Tracy C.; MAHONEY, Douglas W.; KISIEL, John B.; AHLQUIST, David A.
(74) Davies Collison Cave Pty Ltd
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- (71)** Excalibur Medicines Limited
(11) AU-A-2021237808
(21) 2021237808 **(22)** 12.03.2021
(54) AZD1656 for use in the treatment of pneumonitis and/or mycocarditis caused by a coronavirus
(51) Int. Cl.
A61K 31/506 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
(87) WO2021/186151
(31) 2003722.2 **(32)** 14.03.20 **(33)** GB
(43) 23.09.2021
(72) MARTIN, John Francis
(74) Davies Collison Cave Pty Ltd
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- (71)** F. Hoffmann-La Roche AG
(11) AU-A-2021270341
(21) 2021270341 **(22)** 09.05.2021
(54) Method of evaluating the quality of a color reference card
(51) Int. Cl.
G01N 21/78 (2006.01)
G01N 21/84 (2006.01)
(87) WO2021/228730
(31) 20173917.4 **(32)** 11.05.20 **(33)** EP
(43) 18.11.2021
(72) BERG, Max; HALIER, Fredrik; LIMBURG, Bernd; TUERCK, Volker; WINKELNKEMPER, Momme
(74) Spruson & Ferguson
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- (71)** Fable Holdings Pty Ltd
(11) AU-A-2022233346
(21) 2022233346 **(22)** 08.03.2022
(54) Native-whole-starch-based fat replacer
(51) Int. Cl.
A23D 7/00 (2006.01)
A23D 7/005 (2006.01)
A23L 29/00 (2016.01)
A23L 29/212 (2016.01)
(87) WO2022/187896
(31) 2021900653 **(32)** 08.03.21 **(33)** AU
(43) 15.09.2022
(72) FULLER, James
(74) Pearce IP Pty Ltd
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- (71)** Ferrer Medical Innovations, LLC
(11) AU-A-2020443548
(21) 2020443548 **(22)** 16.11.2020
(54) Antiviral and virucidal nasal spray compositions and related treatment methods
(51) Int. Cl.
A61K 31/4402 (2006.01)
(87) WO2021/216118
(31) 16/924,683 **(32)** 09.07.20 **(33)** US
 63/015,415 24.04.20 US
(43) 28.10.2021
(72) FERRER, Gustavo
(74) A.P.T. Patent and Trade Mark Attorneys
-
- (71)** FirstString Research, Inc.
(11) AU-A-2021251865
(21) 2021251865 **(22)** 07.04.2021
(54) Compositions and methods for treating complications of viral infections and other respiratory disorders
(51) Int. Cl.
A61K 38/00 (2006.01)
A61P 11/00 (2006.01)
(87) WO2021/207388
(31) 63/006,498 **(32)** 07.04.20 **(33)** US
 63/134,462 06.01.21 US
(43) 14.10.2021
(72) GHATNEKAR, Gautam; GREK, Christina; JAMES, Carissa; MC-QUISTON, Travis
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Flagship Pioneering, Inc.
(11) AU-A-2021244687
(21) 2021244687 **(22)** 24.03.2021
(54) Bifunctional molecules and methods of using thereof
(51) Int. Cl.
A61K 47/60 (2017.01)
(87) WO2021/195295
(31) 62/994,246 **(32)** 24.03.20 **(33)** US
(43) 30.09.2021
(72) STEBBINS, Nathan Wilson; PORTNEY, Benjamin Andrew; VALEUR, Eric Bruno; YUAN, Chih-Chi; GUTTMAN, Mitchell
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71)** Flagship Pioneering Innovations VI, LLC
(11) AU-A-2021255583
(21) 2021255583 **(22)** 14.04.2021
(54) Trem compositions and uses thereof
(51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/7088 (2006.01)
C12N 15/113 (2010.01)
C12N 15/67 (2006.01)
(87) WO2021/211762
(31) 63/009,669 **(32)** 14.04.20 **(33)** US
(43) 21.10.2021
(72) ANASTASSIADIS, Theonie; BUTLER, David Charles Donnell; KUBICA, Neil; LI, Qingyi
(74) Davies Collison Cave Pty Ltd
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- (71)** Fog Pharmaceuticals, Inc.
(11) AU-A-2021237619
(21) 2021237619 **(22)** 17.03.2021
(54) Helical stapled peptides and uses thereof
(51) Int. Cl.
A61K 38/03 (2006.01)
A61K 47/00 (2006.01)
C07K 14/00 (2006.01)
(87) WO2021/188659
(31) 62/991,032 **(32)** 17.03.20 **(33)** US
(43) 23.09.2021
(72) VERDINE, Gregory L.; MCGEE, John Hanney; CHOUDARY, Santosh Kumar; ZHANG, Yue-Mei; TREMBLAY, Martin Robert
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Force Technology
(11) AU-A-2021247858
(21) 2021247858 **(22)** 26.03.2021
(54) Method and quality system for determining a quality parameter of an agricultural group
(51) Int. Cl.
G06Q 10/06 (2012.01)
A01K 1/00 (2006.01)
C12Q 1/689 (2018.01)
G06Q 50/02 (2012.01)
G16H 10/00 (2018.01)
(87) WO2021/197557
(31) PA 2020 70199 **(32)** 31.03.20 **(33)** DK

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 (74) FPA Patent Attorneys Pty Ltd
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- (71) Freenome Holdings, Inc.
 (11) AU-A-2021245992
 (21) 2021245992 (22) 29.03.2021
 (54) Methods and systems for detecting colorectal cancer via nucleic acid methylation analysis
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C40B 30/00 (2006.01)
C40B 40/06 (2006.01)
G06N 3/08 (2006.01)
G06N 20/20 (2019.01)
 (87) WO2021/202351
 (31) 63/002,878 (32) 31.03.20 (33) US
 (43) 07.10.2021
 (72) ST. JOHN, John; KOTHEN-HILL, Steven; YANG, Rui; DRAKE, Adam
 (74) FB Rice Pty Ltd
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- (71) Fresenius Kabi USA, LLC
 (11) AU-A-2021259178
 (21) 2021259178 (22) 15.04.2021
 (54) Fluid pump notification and control based on monitored feedback
 (51) Int. Cl.
A61M 5/142 (2006.01)
 (87) WO2021/216350
 (31) 63/012,399 (32) 20.04.20 (33) US
 (43) 28.10.2021
 (72) GRAY, George W.; AMBROSINA, Jesse E.
 (74) Spruson & Ferguson
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- (71) Fronius International GmbH
 (11) AU-A-2021259198
 (21) 2021259198 (22) 19.04.2021
 (54) Method for controlling a multilevel inverter with a split DC link
 (51) Int. Cl.
H02M 7/487 (2007.01)
 (87) WO2021/213947
 (31) 20170373.3 (32) 20.04.20 (33) EP
 (43) 28.10.2021
 (72) GRASBÖCK, Richard; ROTHBOECK, Michael; PIELER, Roland; KREUZER, Harald
 (74) FB Rice Pty Ltd
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- (71) Fusion Fuel Portugal, S.A.
 (11) AU-A-2020434253
 (21) 2020434253 (22) 03.08.2020
 (54) Direct coupling device for generating hydrogen from concentrated sunlight
 (51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 9/70 (2021.01)
C25B 9/73 (2021.01)
C25B 11/00 (2021.01)
 (87) WO2021/181149
 (31) 116152 Y (32) 10.03.20 (33) PT
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- (43) 16.09.2021
 (72) FERREIRA SILVA, Jaime Domingos
 (74) Davies Collison Cave Pty Ltd
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- (71) Gallagher Group Limited
 (11) AU-A-2021235849
 (21) 2021235849 (22) 15.03.2021
 (54) Electric fence energizers and methods for earthing same
 (51) Int. Cl.
H05C 1/04 (2006.01)
A01K 3/00 (2006.01)
H05K 5/00 (2006.01)
H05K 5/06 (2006.01)
H05K 7/12 (2006.01)
 (87) WO2021/182978
 (31) 762633 (32) 13.03.20 (33) NZ
 (43) 16.09.2021
 (72) PARKER, Anthony Ian; RITCHIE, Thomas
 (74) James & Wells Intellectual Property
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- (71) GammaDelta Therapeutics Limited
 (11) AU-A-2020436661
 (21) 2020436661 (22) 20.03.2020
 (54) V Delta1+ T cells for the treatment of myeloid malignancies
 (51) Int. Cl.
A61K 35/17 (2015.01)
A61K 31/675 (2006.01)
A61K 31/7076 (2006.01)
A61K 45/06 (2006.01)
A61P 35/02 (2006.01)
C12N 5/00 (2006.01)
 (87) WO2021/186137
 (43) 23.09.2021
 (72) SIMOES, Andre Goncalo do Espirito Santo; DI LORENZO, Biagio; KOSLOWSKI, Michael; SILVA-SANTOS, Bruno Miguel de Carvalho e; HUTTON, Andrew John; RECALDIN, Timothy Joel; FOWLER, Daniel; BROMLEY, Alice; NUSSBAUMER, Oliver
 (74) Griffith Hack
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- (71) Genentech, Inc.; F. Hoffmann-La Roche AG
 (11) AU-A-2021257609
 (21) 2021257609 (22) 14.04.2021
 (54) Method for medium treatment before inoculation
 (51) Int. Cl.
C12N 5/071 (2010.01)
C12N 5/00 (2006.01)
C12P 21/00 (2006.01)
 (87) WO2021/209512
 (31) 63/010,536 (32) 15.04.20 (33) US
 (43) 21.10.2021
 (72) POPP, Oliver; SHIRATORI, Masaru Ken
 (74) Griffith Hack
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- (71) General Electric Company
 (11) AU-A-2020439973
 (21) 2020439973 (22) 31.03.2020
 (54) Liquid/fluid cooling systems for high power-density (HPD) transformers
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- (51) Int. Cl.
H01F 27/10 (2006.01)
F28F 3/00 (2006.01)
F28F 3/12 (2006.01)
H01F 27/08 (2006.01)
H01F 27/12 (2006.01)
H01F 27/16 (2006.01)
H01F 27/22 (2006.01)
H05K 7/20 (2006.01)
 (87) WO2021/201851
 (43) 07.10.2021
 (72) ZHOU, Zhi; MANKEVICH, Steve; DOUCETTE, Michael; MARTIN II, Anthony
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Gen-Probe Incorporated
 (11) AU-A-2021244386
 (21) 2021244386 (22) 23.03.2021
 (54) Fluid container
 (51) Int. Cl.
B01L 3/00 (2006.01)
G01N 35/10 (2006.01)
 (87) WO2021/195083
 (31) 62/994,552 (32) 25.03.20 (33) US
 (43) 30.09.2021
 (72) BUSE, David; KNIGHT, Byron J.
 (74) FB Rice Pty Ltd
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- (71) Gen-Probe Incorporated
 (11) AU-A-2021259489
 (21) 2021259489 (22) 22.04.2021
 (54) Automated processing of samples carried in sample containers and grouping sample containers according to assays to be performed on samples contained therein
 (51) Int. Cl.
G01N 35/00 (2006.01)
G01N 35/02 (2006.01)
G01N 35/04 (2006.01)
 (87) WO2021/216932
 (31) 63/014,624 (32) 23.04.20 (33) US
 63/015,129 24.04.20 US
 63/143,705 29.01.21 US
 (43) 28.10.2021
 (72) SILBERT, Rolf
 (74) FB Rice Pty Ltd
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- (71) George TFE scp
 (11) AU-A-2021260192
 (21) 2021260192 (22) 23.04.2021
 (54) Body-protector
 (51) Int. Cl.
A41D 13/015 (2006.01)
A41D 19/015 (2006.01)
A41D 31/28 (2019.01)
A63B 71/14 (2006.01)
 (87) WO2021/214722
 (31) 20020197.8 (32) 24.04.20 (33) EP
 (43) 28.10.2021
 (72) LLOYD, John George; STOREY, Piers Christian
 (74) Griffith Hack

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(71) Georgia State University Research Foundation, Inc.
 (11) AU-A-2021261020
 (21) 2021261020 (22) 23.04.2021
 (54) SIRPα deficient macrophages for treating cancer
 (51) Int. Cl.
 A61P 35/00 (2006.01)
 C12N 5/0786 (2010.01)
 (87) WO2021/217038
 (31) 63/015,013 (32) 24.04.20 (33) US
 (43) 28.10.2021
 (72) LIU, Yuan; BIAN, Zhen; SHI, Lei; ZEN, Ke; KIDDER, Koby
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) GFD Gesellschaft für Diamantprodukte mbH
 (11) AU-A-2021255782
 (21) 2021255782 (22) 08.04.2021
 (54) Cutting blade and hair removal device
 (51) Int. Cl.
 B26B 21/56 (2006.01)
 B26B 21/58 (2006.01)
 (87) WO2021/209311
 (31) 20169925.3 (32) 16.04.20 (33) EP
 (43) 21.10.2021
 (72) GLUCHE, Peter; GRETZSCHEL, Ralph; MERTENS, Michael
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) GFD Gesellschaft für Diamantprodukte mbH; The Gillette Company LLC
 (11) AU-A-2021256883
 (21) 2021256883 (22) 08.04.2021
 (54) Cutting blade with a concave bevel and hair removal device
 (51) Int. Cl.
 B26B 21/56 (2006.01)
 B23P 15/40 (2006.01)
 B26B 21/58 (2006.01)
 B26B 21/60 (2006.01)
 (87) WO2021/209314
 (31) 20169930.3 (32) 16.04.20 (33) EP
 (43) 21.10.2021
 (72) GLUCHE, Peter; GRETZSCHEL, Ralph; MERTENS, Michael
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Gilbert Technologies BV
 (11) AU-A-2021255034
 (21) 2021255034 (22) 15.04.2021
 (54) Electronic inhaler and method for adjusting the same
 (51) Int. Cl.
 A61M 11/00 (2006.01)
 A61M 15/02 (2006.01)
 (87) WO2021/210979
 (31) 2025366 (32) 17.04.20 (33) NL
 (43) 21.10.2021
 (72) HERSBACH, Georgius Josephus Maria; MEESTERS, Gabriel Marinus Henricus; KHODADADI, Sheila
 (74) FPA Patent Attorneys Pty Ltd

(71) Gilbert Technologies BV
 (11) AU-A-2021255651
 (21) 2021255651 (22) 15.04.2021
 (54) Electronic inhaler and method for adjusting the same
 (51) Int. Cl.
 A61M 11/00 (2006.01)
 A61M 15/02 (2006.01)
 A61M 15/06 (2006.01)
 (87) WO2021/210980
 (31) 2025368 (32) 17.04.20 (33) NL
 (43) 21.10.2021
 (72) HERSBACH, Georgius Josephus Maria; MEESTERS, Gabriel Marinus Henricus; KHODADADI, Sheila
 (74) FPA Patent Attorneys Pty Ltd

(71) Gilead Sciences, Inc.
 (11) AU-A-2021234308
 (21) 2021234308 (22) 11.03.2021
 (54) Methods of preparing 1'-cyano nucleosides
 (51) Int. Cl.
 C07D 487/04 (2006.01)
 C07H 1/00 (2006.01)
 C07H 7/06 (2006.01)
 (87) WO2021/183750
 (31) 62/988,661 (32) 12.03.20 (33) US
 (43) 16.09.2021
 (72) BADALOV, Pavel R.; BREMNER, Stacy; CHIN, Matthew R.; GAO, Detian; GRIGGS, Nolan; HEUMANN, Lars V.; LAI, Chiajen; MILBURN, Robert R.; MOHAN, Sankar; NEVILLE, Sean T.; SHI, Bing; STEVENS, Andrew C.; UHLIG, Nicholas A. J.; VIEIRA, Tiago; WENDERSKI, Todd A.
 (74) Davies Collison Cave Pty Ltd

(71) Glencal Technology Co., Ltd.
 (11) AU-A-2021291565
 (21) 2021291565 (22) 18.06.2021
 (54) Molding material, molded article, and production method for molding material
 (51) Int. Cl.
 B09B 3/00 (2022.01)
 C08L 101/00 (2006.01)
 (87) WO2021/256568
 (31) 2020-106284 (32) 19.06.20 (33) JP
 (43) 23.12.2021
 (72) NAKAISHI Masahito; YAKUO Yoshimi
 (74) Spruson & Ferguson

(71) Glencal Technology Co., Ltd.
 (11) AU-A-2021292692
 (21) 2021292692 (22) 18.06.2021
 (54) Powder and method for manufacturing powder
 (51) Int. Cl.
 C05F 5/00 (2006.01)
 A23K 10/26 (2016.01)
 A23K 10/37 (2016.01)
 C05F 17/00 (2020.01)
 (87) WO2021/256567
 (31) 2020-106283 (32) 19.06.20 (33) JP
 (43) 23.12.2021
 (72) NAKAISHI Masahito
 (74) Spruson & Ferguson

(71) GLO Pharma, Inc.
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 A61Q 19/08 (2006.01)
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 G06N 10/00 (2019.01)
 F25B 9/10 (2006.01)
 F25B 9/12 (2006.01)
 G06F 1/20 (2006.01)
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 H04B 7/026 (2017.01)
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 A61K 35/768 (2015.01)
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G01F 1/64 (2006.01)
G01F 1/66 (2006.01)
G01N 27/02 (2006.01)
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H01L 39/24 (2006.01)
G06N 10/00 (2022.01)
H01L 27/18 (2006.01)
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G06N 10/00 (2022.01)
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 (51) Int. Cl.
H03K 19/195 (2006.01)
H03K 19/0175 (2006.01)
G06N 10/00 (2022.01)
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 (54) Cellular vaccine platform and methods of use
 (51) Int. Cl.
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A61K 39/12 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)
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 (51) Int. Cl.
A01G 25/09 (2006.01)
A01M 7/00 (2006.01)
G06K 9/00 (2006.01)
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C12N 5/0783 (2010.01)
A61P 35/00 (2006.01)
G16H 10/00 (2018.01)
G16H 20/00 (2018.01)
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C01G 53/00 (2006.01)
H01M 4/525 (2010.01)
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E06B 9/86 (2006.01)
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A61K 31/713 (2006.01)
A61K 38/00 (2006.01)
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(54) Expandable patient support apparatus and method
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A61G 7/015 (2006.01)
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B01D 53/14 (2006.01)
F23J 15/00 (2006.01)
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B01D 61/00 (2006.01)
D21H 17/55 (2006.01)
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(54) Chuck jaw
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B23Q 3/12 (2006.01)
B23B 5/00 (2006.01)
B23B 31/10 (2006.01)
B23B 31/107 (2006.01)
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A23L 13/40 (2016.01)
A23B 4/14 (2006.01)
A23L 3/3463 (2006.01)
A23L 27/26 (2016.01)
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A61K 31/4375 (2006.01)
C07D 401/04 (2006.01)
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(54) Weight
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B66C 23/88 (2006.01)
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F01K 3/00 (2006.01)
F24H 3/04 (2006.01)
F24H 7/04 (2006.01)
F28D 20/00 (2006.01)
H02J 15/00 (2006.01)
H05B 3/24 (2006.01)
F28D 17/02 (2006.01)
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B01F 23/60 (2022.01)
B01F 35/71 (2022.01)
B65G 69/20 (2006.01)
C21B 5/00 (2006.01)
C22B 1/00 (2006.01)
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G06Q 10/06 (2012.01)
A01B 79/00 (2006.01)
G06Q 50/02 (2012.01)
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 (54) Liquefied gas storage facility
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F25J 1/00 (2006.01)
F17C 9/00 (2006.01)
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G01N 33/50 (2006.01)
A61P 29/00 (2006.01)
G01N 33/53 (2006.01)
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 (31) 63/007,812 (32) 09.04.20 (33) US
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H04L 41/0816 (2022.01)
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A61P 35/00 (2006.01)
C07C 35/37 (2006.01)
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A61K 31/444 (2006.01)
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A61P 31/14 (2006.01)
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 (54) Material shaping method and shaped products
 (51) Int. Cl.
C08J 9/228 (2006.01)
B29C 67/20 (2006.01)
B29C 70/68 (2006.01)
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 (54) Robot vacuum and method for controlling robot vacuum
 (51) Int. Cl.
A47L 11/40 (2006.01)
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 (31) 10-2020-0050234 (32) 24.04.20 (33) KR
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 (51) Int. Cl.
A47L 11/40 (2006.01)
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 A47L 11/40 (2006.01)
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 H01L 31/0224 (2006.01)
 H01L 31/0445 (2014.01)
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 C07D 519/00 (2006.01)
 A61K 31/497 (2006.01)
 A61P 35/00 (2006.01)
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 (51) Int. Cl.
 C12N 15/86 (2006.01)
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 (54) Modular synthetic receptors and methods of use
 (51) Int. Cl.
 C07K 14/705 (2006.01)
 A61K 35/15 (2015.01)
 A61K 35/17 (2015.01)
 A61K 39/00 (2006.01)
 C07K 14/54 (2006.01)
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 C07K 14/47 (2006.01)
 A61K 39/00 (2006.01)
 C07K 14/005 (2006.01)
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 (54) Antenna array module
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 H01Q 1/22 (2006.01)
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 H01Q 9/04 (2006.01)
 H01Q 21/20 (2006.01)
 H01Q 25/00 (2006.01)
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 G06T 7/11 (2017.01)
 A61B 6/03 (2006.01)
 G06F 7/00 (2006.01)
 G06V 10/20 (2022.01)
 G06V 30/16 (2022.01)
 G16H 30/40 (2018.01)
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 B01J 19/18 (2006.01)
 B29B 17/02 (2006.01)
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 A61G 13/00 (2006.01)
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A23C 9/123 (2006.01)
A23L 33/135 (2016.01)
A61K 35/74 (2015.01)
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A61P 1/00 (2006.01)
A61P 1/14 (2006.01)
A61P 43/00 (2006.01)
C12N 1/20 (2006.01)
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C12P 7/40 (2006.01)
C12N 9/08 (2006.01)
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A61P 25/16 (2006.01)
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C01B 3/04 (2006.01)
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C01B 6/00 (2006.01)
C01C 1/04 (2006.01)
C21B 5/00 (2006.01)
C21B 7/00 (2006.01)
F02C 3/30 (2006.01)
H01M 8/0606 (2016.01)
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C01C 1/04 (2006.01)
C21B 5/00 (2006.01)
C21B 7/00 (2006.01)
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C07K 16/00 (2006.01)
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G01N 19/00 (2006.01)
A01D 41/06 (2006.01)
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G07C 9/22 (2020.01)
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H04W 72/04 (2009.01)
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B60R 9/02 (2006.01)
E06C 5/24 (2006.01)
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A61P 3/02 (2006.01)
A23L 33/10 (2016.01)
A61K 31/194 (2006.01)
A61P 25/00 (2006.01)
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H01M 10/0567 (2010.01)
H01G 11/64 (2013.01)
H01M 10/052 (2010.01)
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H01Q 1/28 (2006.01)
B64G 1/58 (2006.01)
F42B 15/34 (2006.01)
H01Q 1/02 (2006.01)
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H01Q 21/20 (2006.01)
H01R 24/40 (2011.01)
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A61L 15/36 (2006.01)
A61P 31/04 (2006.01)
A61Q 19/10 (2006.01)
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A61K 39/39 (2006.01)
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A47G 29/08 (2006.01)
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G06Q 10/08 (2012.01)
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C12Q 1/6853 (2018.01)
C12Q 1/6888 (2018.01)
C12Q 1/70 (2006.01)
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 (54) Compositions and methods for modu-lating forkhead box p3 (foxp3) gene ex-pression
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
C12N 9/22 (2006.01)
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 (54) Compositions and methods for formu-lating molten petroleum adjuvants to improve herbicidal up-take in weed plants
 (51) Int. Cl.
A01N 27/00 (2006.01)

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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Orna Therapeutics, Inc.
(11) AU-A-2021237738
(21) 2021237738 **(22)** 22.03.2021
(54) Circular RNA compositions and methods
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/85 (2006.01)
(87) WO2021/189059
(31) 62/992,518 **(32)** 20.03.20 **(33)** US
(43) 23.09.2021
(72) WESSELHOEFT, Robert Alexander; GOODMAN, Brian
(74) FB Rice Pty Ltd

(71) ORTHOREBIRTH CO., LTD.; Therad-
 aptive Inc.
(11) AU-A-2021297422
(21) 2021297422 **(22)** 18.06.2021
(54) Osteoinductive bone regeneration material and production method of the same
(51) Int. Cl.
A61L 27/46 (2006.01)
A61L 27/56 (2006.01)
A61L 27/58 (2006.01)
D01D 5/08 (2006.01)
D01F 1/02 (2006.01)
D01F 6/62 (2006.01)
(87) WO2021/261408
(31) 63/042,006 **(32)** 21.06.20 **(33)** US
(43) 30.12.2021
(72) ALVAREZ, Luis; NISHIKAWA, Yasutoshi; TAIRA, Hiroyuki
(74) Spruson & Ferguson

(71) Owens Corning Intellectual Capital, LLC
(11) AU-A-2021253598
(21) 2021253598 **(22)** 09.04.2021
(54) Non-combustible edge for insulated concrete sandwich wall panels
(51) Int. Cl.
E04C 2/288 (2006.01)
E04C 2/04 (2006.01)
E04C 2/26 (2006.01)
(87) WO2021/207570
(31) 63/008,493 **(32)** 10.04.20 **(33)** US
(43) 14.10.2021
(72) VAN SLOUN, Jeffrey; COPPOCK, Tiffany
(74) Davies Collision Cave Pty Ltd

(71) PACT Pharma, Inc.
(11) AU-A-2021261011
(21) 2021261011 **(22)** 23.04.2021
(54) Methods of determining gene editing efficiencies in cells
(51) Int. Cl.
A61K 48/00 (2006.01)
G01N 33/50 (2006.01)
G01N 33/68 (2006.01)
(87) WO2021/216993
(31) 63/015,067 **(32)** 24.04.20 **(33)** US
(43) 28.10.2021
(72) JACOBY, Kyle; SENNINO, Barbara; FOY, Susan; HUNTER, Theresa L.
(74) Griffith Hack

(71) Paquette, P.
(11) AU-A-2021237825
(21) 2021237825 **(22)** 04.03.2021
(54) Electronic device for use for vaping using a glass bottle
(51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/42 (2020.01)
A24F 40/46 (2020.01)
A24F 40/57 (2020.01)
(87) WO2021/186281
(31) 2003872.5 **(32)** 17.03.20 **(33)** GB
(43) 23.09.2021
(72) PAQUETTE, Pierre
(74) Alex Rowley

(71) PayPal, Inc.
(11) AU-A-2021259182
(21) 2021259182 **(22)** 16.04.2021
(54) Physical stand for multiple device orientations and peripheral card reader
(51) Int. Cl.
G06Q 20/20 (2012.01)
G06F 1/16 (2006.01)
G06Q 20/00 (2012.01)
G06Q 20/04 (2012.01)
G06Q 20/18 (2012.01)
G07G 1/12 (2006.01)
(87) WO2021/216370
(31) 16/858,091 **(32)** 24.04.20 **(33)** US
(43) 28.10.2021
(72) SENGUTTUVAN, Guhan; GOVINDARAJAN, Satish; RIVAS, Carlos Manuel; URUTHIRALINGAM, Anantharaj
(74) FPA Patent Attorneys Pty Ltd

(71) PayPal, Inc.
(11) AU-A-2021270562
(21) 2021270562 **(22)** 11.05.2021
(54) Automated verification of user interface process flows
(51) Int. Cl.
G06F 8/35 (2018.01)
G06F 3/048 (2013.01)
G06F 8/34 (2018.01)
G06F 8/38 (2018.01)
(87) WO2021/231430
(31) 15/931,322 **(32)** 13.05.20 **(33)** US
(43) 18.11.2021
(72) DAVIS, Dieter
(74) FPA Patent Attorneys Pty Ltd

(71) Pepsico, Inc.
(11) AU-A-2021263427
(21) 2021263427 **(22)** 30.04.2021
(54) Light-weight hot-fill container and methods for making the same
(51) Int. Cl.
B65D 1/02 (2006.01)
B65D 79/00 (2006.01)
(87) WO2021/222760
(31) 63/017,923 **(32)** 30.04.20 **(33)** US
(43) 04.11.2021
(72) BHAT, Advait; JOSHI, Anup; SEQUEIRA, Clarence; DUNCAN, Andrew Jay
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Per Os Biosciences, LLC
(11) AU-A-2021257227
(21) 2021257227 **(22)** 09.04.2021
(54) Oral care compositions and methods
(51) Int. Cl.
A24B 15/30 (2006.01)
A24F 47/00 (2020.01)
A61K 31/352 (2006.01)
(87) WO2021/211381
(31) 63/009,138 **(32)** 13.04.20 **(33)** US
(43) 21.10.2021
(72) ESTEY, Robert; BACHMANN, Lisa; BRISBEN, William O.
(74) RnB IP

(71) Personal Genome Diagnostics Inc.
(11) AU-A-2021271628
(21) 2021271628 **(22)** 10.05.2021
(54) Selective capture of target DNA sequences
(51) Int. Cl.
C12Q 1/68 (2018.01)
C07H 19/04 (2006.01)
C07H 21/00 (2006.01)
C07H 21/04 (2006.01)
C12P 19/34 (2006.01)
(87) WO2021/231324
(31) 63/022,968 **(32)** 11.05.20 **(33)** US
(43) 18.11.2021
(72) THOMPSON, John F.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Pfizer Inc.
(11) AU-A-2021265578
(21) 2021265578 **(22)** 28.04.2021
(54) Azalactam compounds as HPK1 inhibitors
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
(87) WO2021/220185
(31) 63/018,689 **(32)** 01.05.20 **(33)** US
(43) 04.11.2021
(72) BARBER, Joyann; CHO-SCHULTZ, Sujin; DEL BEL, Matthew L.; GAL-LEGO, Rebecca Anne; HE, Mingying; JALAIE, Mehran; KANIA, Robert Steven; MCTIGUE, Michele Ann; NAIR, Sajiv Krishnan; SCHMITT, Anne-Mar

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ZHOU, Dahui; ZHOU, Ru
(74) ALLENS PATENT & TRADE MARK
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(71) PlasmaTrack Limited
(11) AU-A-2021246970
(21) 2021246970 **(22)** 06.04.2021
(54) Surface condition monitoring of railway
tracks
(51) Int. Cl.
B61L 23/04 (2006.01)
B61L 27/00 (2006.01)
(87) WO2021/198713
(31) 2004903.7 **(32)** 02.04.20 **(33)** GB
(43) 07.10.2021
(72) SWAN, Julian
(74) Westmark IP

(71) PlasmaTrack Limited
(11) AU-A-2021248631
(21) 2021248631 **(22)** 06.04.2021
(54) Surface conditioning of railway tracks or
wheels
(51) Int. Cl.
B08B 5/00 (2006.01)
B08B 7/00 (2006.01)
B60B 39/00 (2006.01)
B61C 15/00 (2006.01)
C23G 3/00 (2006.01)
C23G 5/00 (2006.01)
E01H 8/00 (2006.01)
H05H 1/00 (2006.01)
(87) WO2021/198711
(31) 2004896.3 **(32)** 02.04.20 **(33)** GB
(43) 07.10.2021
(72) SWAN, Julian; CANDY, Matthew
(74) Westmark IP

(71) PLx Opco Inc.
(11) AU-A-2021244695
(21) 2021244695 **(22)** 25.03.2021
(54) Pharmaceutical carriers capable of pH
dependent reconstitution and- methods
for making and using same
(51) Int. Cl.
A61K 9/107 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/616 (2006.01)
A61K 45/06 (2006.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61K 47/24 (2006.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
(87) WO2021/195319
(31) 63/000,287 **(32)** 26.03.20 **(33)** US
(43) 30.09.2021
(72) ZIMMERMAN, Ronald; DELIARGYR-
IS, Efthymios; STROZIER, Robert W.;
MOORE, Jeffrey W.
(74) Davies Collison Cave Pty Ltd

(71) PPG Industries Ohio, Inc.
(11) AU-A-2021256983
(21) 2021256983 **(22)** 14.04.2021

(54) Compositions containing thermally con-
ductive fillers
(51) Int. Cl.
C08J 3/20 (2006.01)
C08K 3/014 (2018.01)
C08K 3/08 (2006.01)
C08K 3/22 (2006.01)
C08K 3/36 (2006.01)
C08K 3/38 (2006.01)
H01M 10/653 (2014.01)
H05K 1/03 (2006.01)
(87) WO2021/211694
(31) 63/010,508 **(32)** 15.04.20 **(33)** US
PCT/ 20.01.21 US
US2021/014135
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LUM Jr., Marvin M.; FRENCH, Maria S.;
HSU, Lorraine; FANG, Shuyu; LI, Hong;
MUNRO, Calum H.; KUTCHKO, Cyn-
thia; EPSTEIN, Eric S.; SAHA, Gobinda
(74) Minter Ellison

(71) Provectus Pharmatech, Inc.; UTI Lim-
ited Partnership
(11) AU-A-2021440597
(21) 2021440597 **(22)** 16.04.2021
(54) Composition and method for oral treat-
ment of leukemia
(51) Int. Cl.
A61K 31/522 (2006.01)
A61K 45/06 (2006.01)
(87) WO2022/220841
(43) 20.10.2022
(72) NARENDRAN, Aru; RODRIGUES,
Dominic; HOROWITZ, Bruce; PERSH-
ING, Edward V.; WACHTER, Eric A.
(74) FPA Patent Attorneys Pty Ltd

(71) Purac Biochem B.V.
(11) AU-A-2021260766
(21) 2021260766 **(22)** 20.04.2021
(54) Process for manufacturing high-purity
magnesium oxide
(51) Int. Cl.
C01F 5/10 (2006.01)
(87) WO2021/214025
(31) 20170431.9 **(32)** 20.04.20 **(33)** EP
(43) 28.10.2021
(72) LAKSMANA, Fesia Lestari; FREDI-
ANSYAH, Raymon
(74) FPA Patent Attorneys Pty Ltd

(71) Puraffinity Ltd
(11) AU-A-2021256081
(21) 2021256081 **(22)** 19.04.2021
(54) Sorbent cellulosic materials based on
low molecular weight amine surface
functionalisation
(51) Int. Cl.
B01J 20/24 (2006.01)
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
B01J 20/32 (2006.01)
B01J 20/34 (2006.01)
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(31) 2005614.9 **(32)** 17.04.20 **(33)** GB
2014349.1 11.09.20 GB

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(72) BOLTERSDORF, Tamara; ROCKEY,
Liberty Jocasta
(74) Adams Pluck

(71) Purdue Research Foundation
(11) AU-A-2021251000
(21) 2021251000 **(22)** 09.02.2021
(54) Compounds for the treatment of SARS
(51) Int. Cl.
A61K 31/404 (2006.01)
A61P 31/12 (2006.01)
C07D 209/04 (2006.01)
C07D 401/06 (2006.01)
(87) WO2021/206799
(31) 63/008,289 **(32)** 10.04.20 **(33)** US
63/120,068 01.12.20 US
(43) 14.10.2021
(72) MITSUYA, Hiroaki; GHOSH, Arun K.
(74) FB Rice Pty Ltd

(71) Purdue Research Foundation
(11) AU-A-2021259145
(21) 2021259145 **(22)** 23.02.2021
(54) Compounds for the treatment of SARS
(51) Int. Cl.
C07C 235/34 (2006.01)
C07C 237/08 (2006.01)
C07C 237/22 (2006.01)
(87) WO2021/216195
(31) 63/014,501 **(32)** 23.04.20 **(33)** US
63/120,079 01.12.20 US
(43) 28.10.2021
(72) GHOSH, Arun K.; MITSUYA, Hiroaki;
YADAV, Monika; MESECAR, Andrew
(74) FB Rice Pty Ltd

(71) Quantum Conductors Ltd
(11) AU-A-2021240408
(21) 2021240408 **(22)** 24.03.2021
(54) Conductive element
(51) Int. Cl.
H01B 1/18 (2006.01)
C01B 32/168 (2017.01)
(87) WO2021/191601
(31) 2004267.7 **(32)** 24.03.20 **(33)** GB
(43) 30.09.2021
(72) FRANKS, John Edward
(74) Michael Buck IP

(71) Rabhi, V.
(11) AU-A-2021265222
(21) 2021265222 **(22)** 09.03.2021
(54) Forced recirculation mixer
(51) Int. Cl.
F02M 15/02 (2006.01)
B01F 23/20 (2022.01)
B01F 25/30 (2022.01)
B01F 27/80 (2022.01)
F02M 29/02 (2006.01)
F02M 29/04 (2006.01)
F02M 71/00 (2006.01)
G01F 3/00 (2006.01)
F02B 19/10 (2006.01)
F02M 31/00 (2006.01)
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 (74) AJ PARK
-
- (71) Rakuten Medical, Inc.
 (11) AU-A-2021251873
 (21) 2021251873 (22) 09.04.2021
 (54) Phthalocyanine dye compounds, conjugates and methods of use thereof
 (51) Int. Cl.
A61K 41/00 (2020.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
 (87) WO2021/207691
 (31) 63/008,476 (32) 10.04.20 (33) US
 63/008,502 10.04.20 US
 (43) 14.10.2021
 (72) BETANCORT, Juan; MAKINGS, Lew; WIEMANN, Torsten; HOEY, Robert J.
 (74) FB Rice Pty Ltd
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- (71) Ramirez-Fort, M.K.; Fort, M.
 (11) AU-A-2021244617
 (21) 2021244617 (22) 26.03.2021
 (54) Ultraviolet radiation treatments
 (51) Int. Cl.
A61N 5/06 (2006.01)
A61B 6/08 (2006.01)
A61L 2/10 (2006.01)
A61M 25/00 (2006.01)
H05G 1/42 (2006.01)
 (87) WO2021/195586
 (31) 63/161,161 (32) 15.03.21 (33) US
 63/000,302 26.03.20 US
 63/040,134 17.06.20 US
 (43) 30.09.2021
 (72) RAMIREZ-FORT, Marigdalia Kaleth; FORT, Migdalia
 (74) Spruson & Ferguson
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- (71) Raxpro Limited
 (11) AU-A-2021238850
 (21) 2021238850 (22) 22.03.2021
 (54) Sensor apparatus
 (51) Int. Cl.
G01P 15/08 (2006.01)
H03K 17/945 (2006.01)
B65G 1/02 (2006.01)
 (87) WO2021/186077
 (31) 2004112.5 (32) 20.03.20 (33) GB
 (43) 23.09.2021
 (72) HYETT, Peter
 (74) PIPERS
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- (71) Raytheon Company
 (11) AU-A-2021267096
 (21) 2021267096 (22) 09.04.2021
 (54) Actively-controlled power transformer and method for controlling
 (51) Int. Cl.
H01F 27/38 (2006.01)
 (87) WO2021/225750
 (31) 15/929,541 (32) 08.05.20 (33) US
 (43) 11.11.2021
 (72) KUZNETSOV, Stephen B.
 (74) Robert Finzi
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- (71) Reckitt Benckiser Finish B.V.
 (11) AU-A-2021259107
 (21) 2021259107 (22) 08.04.2021
 (54) Automatic dishwashing composition
 (51) Int. Cl.
C11D 3/00 (2006.01)
C11D 3/20 (2006.01)
C11D 3/37 (2006.01)
C11D 1/72 (2006.01)
 (87) WO2021/213807
 (31) 2005911.9 (32) 23.04.20 (33) GB
 (43) 28.10.2021
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 (74) Spruson & Ferguson
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- (71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2021237626
 (21) 2021237626 (22) 17.03.2021
 (54) Methods and systems for determining responders to treatment
 (51) Int. Cl.
G16B 20/00 (2019.01)
G16B 25/10 (2019.01)
 (87) WO2021/188694
 (31) 62/990,814 (32) 17.03.20 (33) US
 (43) 23.09.2021
 (72) ZHANG, Wen; HE, Jing
 (74) Davies Collison Cave Pty Ltd
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- (71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2021256452
 (21) 2021256452 (22) 13.04.2021
 (54) Ultraviolet monitoring of chromatography performance by orthogonal partial least squares
 (51) Int. Cl.
G01N 30/86 (2006.01)
G01N 30/88 (2006.01)
 (87) WO2021/211550
 (31) 63/009,835 (32) 14.04.20 (33) US
 (43) 21.10.2021
 (72) SHIERLY, Eric; BRENNAN, Kevin; MAO, Nathan
 (74) Griffith Hack
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- (71) Remix Therapeutics Inc.
 (11) AU-A-2021253571
 (21) 2021253571 (22) 08.04.2021
 (54) Compounds and methods for modulating splicing
 (51) Int. Cl.
C07D 495/04 (2006.01)
A61K 31/519 (2006.01)
A61P 25/28 (2006.01)
C07D 519/00 (2006.01)
 (87) WO2021/207530
 (31) 63/007,327 (32) 08.04.20 (33) US
 63/072,873 31.08.20 US
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- (71) ResMed Pty Ltd
 (11) AU-A-2021255142
 (21) 2021255142 (22) 16.04.2021
 (54) Acoustic detection and/or analysis in respiratory treatment apparatus
 (51) Int. Cl.
A61M 16/00 (2006.01)
A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
A61M 16/16 (2006.01)
 (87) WO2021/207796
 (31) 63/011,052 (32) 16.04.20 (33) US
 63/048,535 06.07.20 US
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 (74) Halfords IP
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- (71) Rheinmetall MAN Military Vehicles Österreich GesmbH
 (11) AU-A-2021238417
 (21) 2021238417 (22) 19.02.2021
 (54) Driver's cab and utility vehicle
 (51) Int. Cl.
F41H 7/04 (2006.01)
 (87) WO2021/185527
 (31) 10 2020 107 664.9 (32) 19.03.20 (33) DE
 (43) 23.09.2021
 (72) WIMMER, Robert; FEJES, Andras
 (74) FB Rice Pty Ltd
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- (71) Robert Bosch GmbH
 (11) AU-A-2021234732
 (21) 2021234732 (22) 15.02.2021
 (54) Safety catch system and lift apparatus comprising a safety catch system
 (51) Int. Cl.
B66F 7/06 (2006.01)
 (87) WO2021/180423
 (31) 16/818,245 (32) 13.03.20 (33) US
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 (72) PETERSON, Corday T.; NORLAND, Stanley; SCHLICHTER, Corey
 (74) Spruson & Ferguson
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- (71) Rohm and Haas Company
 (11) AU-A-2021256380
 (21) 2021256380 (22) 22.03.2021
 (54) Aqueous dispersion of multistage acrylic microspheres
 (51) Int. Cl.
C08L 51/00 (2006.01)
C08F 220/14 (2006.01)
C08F 220/18 (2006.01)
C08F 220/40 (2006.01)
C08F 265/06 (2006.01)
C08K 3/22 (2006.01)
C09D 5/00 (2006.01)
C09D 5/02 (2006.01)
C09D 5/16 (2006.01)

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C09D 133/00 (2006.01)
C08F 2/26 (2006.01)
C08F 2/38 (2006.01)
C08F 285/00 (2006.01)
C09D 7/40 (2018.01)
C09D 133/14 (2006.01)
(87) WO2021/211263
(31) 63/009,518 **(32)** 14.04.20 **(33)** US
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** Rutgers, the State University of New Jersey
(11) AU-A-2021253696
(21) 2021253696 **(22)** 08.04.2021
(54) Modified kisspeptin receptor agonists for fatty liver disease
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
A61K 38/22 (2006.01)
A61K 38/28 (2006.01)
A61P 1/16 (2006.01)
A61P 5/48 (2006.01)
A61P 5/50 (2006.01)
C07K 14/435 (2006.01)
C07K 14/575 (2006.01)
(87) WO2021/207759
(31) 63/007,071 **(32)** 08.04.20 **(33)** US
(43) 14.10.2021
(72) BHATTACHARYA BABWAH, M. Moshmi; VIDESH BABWAH, Andy; RADOVICK, Sally; WONDISFORD, Fredric E.
(74) WRAYS PTY LTD
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- (71)** Saint-Gobain Isover
(11) AU-A-2021262535
(21) 2021262535 **(22)** 26.04.2021
(54) Highly energy-efficient furnace
(51) Int. Cl.
C03B 5/235 (2006.01)
C03B 5/42 (2006.01)
C03B 5/43 (2006.01)
F27B 3/20 (2006.01)
F27D 9/00 (2006.01)
F27D 99/00 (2010.01)
(87) WO2021/219952
(31) FR2004299 **(32)** 30.04.20 **(33)** FR
(43) 04.11.2021
(72) DUPEUX, Guillaume; VISPO, Antony; MARTIN, Alexandre; CHESNEL, Sébastien
(74) Griffith Hack
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- (71)** Sandstone Diagnostics, Inc.
(11) AU-A-2021257782
(21) 2021257782 **(22)** 12.04.2021
(54) Devices and methods for portable and compact centrifugation
(51) Int. Cl.
B05B 5/12 (2006.01)
B01D 21/26 (2006.01)
- B04B 1/00** (2006.01)
B04B 1/02 (2006.01)
B04B 5/00 (2006.01)
B04B 5/04 (2006.01)
G01N 33/48 (2006.01)
(87) WO2021/211473
(31) 63/009,467 **(32)** 14.04.20 **(33)** US
(43) 21.10.2021
(72) SCHAFF, Ulrich; LE, Angela; PAN, Tiffany; HONG, Kyungjin; NEAL, Clara
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(11) AU-A-2020448090
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(54) Method of producing a composite product comprising cemented carbide tiles
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B22D 19/00 (2006.01)
B22D 19/06 (2006.01)
B22D 25/00 (2006.01)
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(54) Pressure sensor arrangement and method
(51) Int. Cl.
A61B 5/00 (2006.01)
A61M 60/178 (2021.01)
A61M 60/196 (2021.01)
A61M 60/216 (2021.01)
A61M 60/531 (2021.01)
A61M 60/816 (2021.01)
A61M 60/857 (2021.01)
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A61B 5/01 (2006.01)
A61D 99/00 (2006.01)
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(54) Method for manufacturing an electric component and electric component
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G01R 3/00 (2006.01)
G01R 15/18 (2006.01)
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(54) Methods and devices for notification with improved reliability
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H04W 4/70 (2018.01)
H04L 41/0806 (2022.01)
H04L 41/0816 (2022.01)
H04L 43/067 (2022.01)
H04L 67/12 (2022.01)
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C12N 15/113 (2010.01)
A61K 31/7125 (2006.01)
A61P 35/00 (2006.01)
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H05H 1/30 (2006.01)
A61C 19/06 (2006.01)
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A61K 31/436 (2006.01)
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G06F 3/0484 (2013.01)
A63F 1/00 (2006.01)
G06K 9/00 (2006.01)
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A24B 15/167 (2020.01)
A24F 40/05 (2020.01)
A24F 40/10 (2020.01)
A61M 11/00 (2006.01)
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B05B 17/06 (2006.01)
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G01N 33/53 (2006.01)
C08F 8/42 (2006.01)
C08F 20/10 (2006.01)
G01N 15/10 (2006.01)
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G16B 30/10 (2019.01)
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G16B 30/10 (2019.01)
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A61K 47/00 (2006.01)
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A61K 47/36 (2006.01)
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A61P 35/00 (2006.01)
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C04B 28/04 (2006.01)
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D01D 5/253 (2006.01)
D01D 5/06 (2006.01)
D01F 6/06 (2006.01)
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G08G 1/00 (2006.01)
B60W 40/06 (2012.01)
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C07K 14/48 (2006.01)
A61P 35/00 (2006.01)
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A61L 27/30 (2006.01)
A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
A61L 27/00 (2006.01)
A61L 27/28 (2006.01)
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(54) Methods for laser coating of silicon nitride on a metal substrate
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A61L 27/02 (2006.01)
A61L 27/54 (2006.01)
C04B 35/597 (2006.01)
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G01N 33/543 (2006.01)
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A61K 9/08 (2006.01)
A61K 47/12 (2006.01)
A61P 25/22 (2006.01)
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A61K 31/56 (2006.01)
A01P 7/02 (2006.01)
A61K 31/352 (2006.01)
A61K 31/7048 (2006.01)
A61P 33/14 (2006.01)
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(54) Method for producing milk like products
(51) Int. Cl.
A61P 3/00 (2006.01)
A23C 9/00 (2006.01)
A23C 9/13 (2006.01)
A23L 33/00 (2016.01)
A23L 33/19 (2016.01)
C07K 14/47 (2006.01)
C12N 5/071 (2010.01)
C12N 5/074 (2010.01)
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A23C 9/00 (2006.01)
A23L 33/19 (2016.01)
C12N 5/071 (2010.01)
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 (51) Int. Cl.
B01F 23/20 (2022.01)
B67D 1/00 (2006.01)
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 (51) Int. Cl.
G05B 19/042 (2006.01)
B05B 12/00 (2018.01)
B60S 3/04 (2006.01)
G05B 19/05 (2006.01)
G06Q 50/06 (2012.01)
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B05B 3/00 (2006.01)
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 (51) Int. Cl.
G01N 33/543 (2006.01)
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C07K 16/28 (2006.01)
C12M 1/00 (2006.01)
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C12M 3/04 (2006.01)
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G06F 3/16 (2006.01)
B60W 40/09 (2012.01)
B60W 50/08 (2020.01)
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H01R 4/00 (2006.01)
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C12Q 1/68 (2018.01)
C12Q 1/70 (2006.01)
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 (51) Int. Cl.
G05B 19/00 (2006.01)
G05D 1/00 (2006.01)
G06F 11/16 (2006.01)
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 (51) Int. Cl.
G06Q 20/34 (2012.01)
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G06Q 20/38 (2012.01)
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C12N 5/078 (2010.01)
A61K 9/127 (2006.01)
C07K 14/71 (2006.01)
C12N 5/0789 (2010.01)

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C07D 271/06 (2006.01)
A61K 31/4245 (2006.01)
A61K 45/00 (2006.01)
A61P 21/02 (2006.01)
A61P 25/00 (2006.01)
A61P 25/04 (2006.01)
A61P 25/08 (2006.01)
A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
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C07D 413/04 (2006.01)
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H02J 3/38 (2006.01)
G01R 31/00 (2006.01)
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A61K 31/216 (2006.01)
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A61P 25/00 (2006.01)
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C07C 15/12 (2006.01)
C07D 309/02 (2006.01)
C07H 13/08 (2006.01)
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A61K 9/00 (2006.01)
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H04W 52/04 (2009.01)
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C07C 311/16 (2006.01)
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A61N 1/36 (2006.01)
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G01R 22/00 (2006.01)
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 (51) Int. Cl.
 A61K 35/17 (2015.01)
 A61K 38/00 (2006.01)
 A61K 39/00 (2006.01)
 A61P 31/14 (2006.01)
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 C07K 14/725 (2006.01)
 C07K 16/08 (2006.01)
 C12N 5/0783 (2010.01)
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 B26B 21/52 (2006.01)
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 (54) Oral care compositions comprising dicarboxylic acid
 (51) Int. Cl.
 A61K 8/20 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/362 (2006.01)
 A61Q 11/00 (2006.01)
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 (51) Int. Cl.
 A61K 8/21 (2006.01)
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 A61Q 11/00 (2006.01)
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 (54) Oral care compositions comprising tin
 (51) Int. Cl.
 A61K 8/20 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/25 (2006.01)
 A61K 8/365 (2006.01)
 A61Q 11/00 (2006.01)
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 (54) Oral care compositions comprising monodentate and polydentate ligand
 (51) Int. Cl.
 A61K 8/20 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/365 (2006.01)
 A61Q 11/00 (2006.01)
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 (11) AU-A-2021268652
 (21) 2021268652 (22) 05.05.2021
 (54) Remineralizing oral care compositions comprising tin
 (51) Int. Cl.
 A61K 8/20 (2006.01)
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 A61Q 11/00 (2006.01)
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 (54) Remineralizing oral care compositions comprising tin
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 (54) Compositions and methods for modifying a target nucleic acid
 (51) Int. Cl.
 A61K 35/17 (2015.01)
 C07K 14/725 (2006.01)
 C12N 5/10 (2006.01)
 C12N 9/22 (2006.01)
 C12N 15/113 (2010.01)
 C12N 15/12 (2006.01)
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 C01F 17/247 (2020.01)
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 (54) Nurr1 receptor modulators and uses thereof
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 A61K 31/015 (2006.01)
 A61P 25/00 (2006.01)
 A61P 35/00 (2006.01)
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(54) Binding proteins useful against ACE2-targeted viruses				(22) 14.04.2021
(51) Int. Cl.	(71) Tractivus SL			(54) Treatment of coronavirus infections
A61K 38/48 (2006.01)	(11) AU-A-2021249480			(51) Int. Cl.
A61K 47/68 (2017.01)	(21) 2021249480	(22) 01.04.2021		A61K 31/737 (2006.01)
C12N 9/48 (2006.01)	(54) Coating for a device			A61P 31/12 (2006.01)
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				A61K 9/00 (2006.01)
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 C07K 14/74 (2006.01)
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G06K 9/00 (2006.01)
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G06Q 20/18 (2012.01)
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G06V 10/40 (2022.01)
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2021218686	Kyocera Medical Technologies, Inc.	2021243745	Aratinga.bio TNP
2021226188	Dishman Carbogen Amcis Ltd	2021243774	Wilus Institute of Standards & Technology, Inc.; Humax Co., Ltd.
2021230397	Sodaking IPV Pty Ltd	2021243842	EnGeneC Molecular Delivery Pty Ltd
2021232154	Beylefeld, B.J.	2021244072	Mars Bioimaging Limited
2021232892	AdvanSix Resins & Chemicals LLC	2021244198	American Sterilizer Company
2021232893	AdvanSix Resins & Chemicals LLC	2021244290	Northrop Grumman Systems Corporation
2021232924	AdvanSix Resins & Chemicals LLC	2021244351	Baker Hughes Oilfield Operations LLC
2021232943	Duckpond Technologies, Inc.	2021244352	Baker Hughes Oilfield Operations LLC
2021233549	BiolLineRx Ltd.	2021244386	Gen-Probe Incorporated
2021233700	Monash University; Melbourne Health	2021244590	Becton, Dickinson and Company
2021233820	AdvanSix Resins & Chemicals LLC	2021244617	Ramirez-Fort, M.K.; Fort, M.
2021233833	Wisk Aero LLC	2021244687	Flagship Pioneering, Inc.
2021234274	AdvanSix Resins & Chemicals LLC	2021244695	PLx Opco Inc.
2021234302	Omega Therapeutics, Inc.	2021244944	Kahlon, E.
2021234308	Gilead Sciences, Inc.	2021245270	Dose Safe Pty Ltd
2021234366	SPR Therapeutics, Inc.	2021245272	Stealth Technologies Pty Ltd
2021234732	Robert Bosch GmbH	2021245378	Kerry Luxembourg S.à. r.l.
2021235152	HEPHAISTOS-Pharma	2021245379	Inflamed Pharma GmbH
2021235383	Nutri Co., Ltd.	2021245390	Industrial Tomography Systems Ltd
2021235666	Landis+Gyr Innovations, Inc.	2021245992	Freenome Holdings, Inc.
2021235761	IBCO Pty Ltd	2021246017	Innate Immunity LLC
2021235849	Gallagher Group Limited	2021246112	Cellvie Inc.
2021236067	AdvanSix Resins & Chemicals LLC	2021246242	Carnegie Venture Capital Pty Limited
2021236069	AdvanSix Resins & Chemicals LLC	2021246507	CareFusion 303, Inc.
2021236320	The Regents of the University of California; Vykunta, V.	2021246543	Kerekes, P.C.
2021236658	Blaesi, A.	2021246814	Mincon International Limited
2021236662	Cara Therapeutics, Inc.	2021246963	CMR Surgical Limited
2021236669	Memorial Sloan Kettering Cancer Center; Ceramedix Holding, LLC; Kolesnick, R.	2021246969	Kinsensus Limited
2021236739	OMS Investments, Inc.	2021246970	PlasmaTrack Limited
2021236866	Boehringer Ingelheim Microparts GmbH	2021247027	W.R. Grace & Co.-Conn.
2021236879	Vrije Universiteit Brussel	2021247156	Becton, Dickinson and Company
2021236921	Scandinavian Real Heart AB	2021247258	Biocon Limited; Centro de Inmunología Molecular
2021237089	Yakult Honsha Co., Ltd.; Shikoku Kakoki Co., Ltd.	2021247271	Horizon Therapeutics Ireland DAC
2021237121	Commissariat A L'Energie Atomique Et Aux Energies Alternatives; Diraq Pty Ltd.	2021247302	Gritstone Bio, Inc.
2021237142	Sekisui Chemical Co., Ltd.	2021247378	UNION therapeutics A/S
2021237619	Fog Pharmaceuticals, Inc.	2021247858	Force Technology
2021237626	Regeneron Pharmaceuticals, Inc.	2021248204	EditForce, Inc.
2021237738	Orna Therapeutics, Inc.	2021248280	Huawei Technologies Co., Ltd.
2021237808	Excalibur Medicines Limited	2021248603	UNION therapeutics A/S
2021237825	Paquette, P.	2021248631	PlasmaTrack Limited
2021238258	The Regents of The University of California; Rohm and Haas Company	2021248665	The University of North Carolina at Chapel Hill
2021238417	Rheinmetall MAN Military Vehicles Österreich GesmbH	2021248780	Minovia Therapeutics Ltd.
2021238595	Katholieke Universiteit Leuven	2021248877	Becton, Dickinson and Company

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2021249031	Shinkei Therapeutics LLC	2021255684	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
2021249311	Myriota Pty Ltd		
2021249480	Tractivus SL	2021255731	Verto Inc.
2021250442	NEC Oncolmmunity AS	2021255782	GFD Gesellschaft für Diamantprodukte mbH
2021251000	Purdue Research Foundation	2021255795	Bayer Aktiengesellschaft
2021251096	Hamilton, D.; Vasomune Therapeutics, Inc.	2021255824	University of Utah Research Foundation
2021251206	Laboratory Corporation of America Holdings	2021255919	Louwer-Lite Limited
2021251208	Arizona Board of Regents on behalf of the University of Arizona	2021255929	The Catholic University of America
2021251237	Vertellus Holdings LLC	2021255955	9 Meters Biopharma, Inc.
2021251243	Elrod, S.	2021256053	City of Hope
2021251249	Aligos Therapeutics, Inc.	2021256081	Puraffinity Ltd
2021251277	Lantern Pharma Inc.	2021256189	Kashiv Biosciences, LLC
2021251638	Aventi Inc.	2021256223	Shenzhen Enduring Biotech, Ltd.
2021251703	Octant, Inc.	2021256259	Vetco Gray Scandinavia AS
2021251718	Lung Biotechnology PBC	2021256285	The Gillette Company LLC
2021251781	CareFusion 303, Inc.	2021256299	Mitsubishi Heavy Industries Engineering, Ltd.
2021251791	Zhejiang Doer Biologics Co., Ltd.; Zhejiang Heze Pharmaceutical Technology Co., Ltd.	2021256325	Design Flow Pty Ltd
		2021256364	Mitsubishi Heavy Industries, Ltd.
2021251865	FirstString Research, Inc.	2021256380	Rohm and Haas Company
2021251873	Rakuten Medical, Inc.	2021256452	Regeneron Pharmaceuticals, Inc.
2021252089	Stampfer, C.	2021256461	Auxilium Biotechnologies Inc.
2021252094	BerGenBio ASA	2021256477	Université de Montréal
2021252137	Chryso	2021256594	Traut, M.
2021252180	Shaheen Innovations Holding Limited	2021256654	Bayer Aktiengesellschaft
2021252507	KAP Medical	2021256742	Teijin Aramid B.V.
2021252514	Lung Biotechnology PBC	2021256814	Centro De Ingenieria Genetica Y Biotecnologia
2021252542	Molecular Assemblies, Inc.	2021256883	GFD Gesellschaft für Diamantprodukte mbH; The Gillette Company LLC
2021252558	Board of Trustees of Michigan State University		
2021252652	Bangolae, B.; Santhanam, L.; Gopal, D.; Kattemalavadi, P.; Kshirsagar, S.; Musib, B.	2021256983	PPG Industries Ohio, Inc.
		2021256985	XCOM Labs, Inc.
2021252700	Kurita Water Industries Ltd.	2021257176	Nippon Chemiphar Co., Ltd.
2021252883	Cisco Technology, Inc.	2021257227	Per Os Biosciences, LLC
2021252927	ASSIA SPE, LLC	2021257311	Humane Genomics
2021252972	Eisai R&D Management Co., Ltd.; Variation Biotechnologies Inc.	2021257393	IOTREES PTY LTD
		2021257402	Brasilata S/A Embalagens Metálicas
2021253502	Lexur Limited	2021257413	Schaefer, A.; The Governors of The University of Alberta; Von Gaza, H.
2021253562	Ohio State Innovation Foundation		
2021253571	Remix Therapeutics Inc.	2021257479	Exact Sciences Corporation; Mayo Foundation for Medical Education and Research
2021253592	Tonix Pharmaceuticals Holding Corp.; Tonix Pharmaceuticals, Inc.		
2021253598	Owens Corning Intellectual Capital, LLC	2021257572	Bayer Aktiengesellschaft
2021253599	I4F Licensing NV	2021257573	Bayer Aktiengesellschaft
2021253677	Sintica Biotech Società A Responsabilità Limitata Semplificata	2021257609	Genentech, Inc.; F. Hoffmann-La Roche AG
		2021257675	Tavanta Therapeutics Hungary Incorporated
2021253696	Rutgers, the State University of New Jersey	2021257782	Sandstone Diagnostics, Inc.
2021253747	Actimed Therapeutics Ltd	2021257823	ID-Fish Technology, Inc.
2021253753	Mellizyme Biotechnology Limited	2021257828	Google LLC
2021253769	Neurent Medical Limited	2021258257	Iovance Biotherapeutics, Inc.
2021253856	McClure, V.E.	2021258269	Cornell University
2021254279	CytomX Therapeutics, Inc.	2021258279	Sorrento Therapeutics, Inc.
2021254283	CytomX Therapeutics, Inc.	2021258291	Arizona Board of Regents on behalf of the University of Arizona
2021254287	HepQuant, LLC		
2021254403	GLO Pharma, Inc.	2021258539	C4X Discovery Limited
2021254477	Megmilk Snow Brand Co., Ltd.	2021258770	LG Electronics Inc.
2021254688	Integrity Implants Inc.	2021258899	Calix Ltd
2021254697	Summation Bio Inc.	2021259042	LG Electronics Inc.
2021254725	X Development LLC	2021259107	Reckitt Benckiser Finish B.V.
2021254797	Tekion Corp	2021259145	Purdue Research Foundation
2021254856	Abionyx Pharma SA	2021259178	Fresenius Kabi USA, LLC
2021255034	Gilbert Technologies BV	2021259182	PayPal, Inc.
2021255044	TX Medic AB	2021259198	Fronius International GmbH
2021255088	Teijin Pharma Limited	2021259280	Becton, Dickinson and Company
2021255142	ResMed Pty Ltd	2021259366	C4X Discovery Limited
2021255226	Karbon CCS LTD	2021259410	Zebra Technologies Corporation
2021255266	Mitsubishi Heavy Industries, Ltd.	2021259419	Lexicon Pharmaceuticals, Inc.
2021255285	Komatsu Ltd.	2021259477	SINTX Technologies, Inc.
2021255458	Becton, Dickinson and Company	2021259489	Gen-Probe Incorporated
2021255488	Loxo Oncology, Inc.	2021259496	H. Lundbeck A/S
2021255583	Flagship Pioneering Innovations VI, LLC	2021259579	University of Maryland, College Park
2021255651	Gilbert Technologies BV	2021259612	Intima Bioscience, Inc.
2021255662	TX Medic AB	2021259641	SINTX Technologies, Inc.
		2021259843	Venclose, Inc.
		2021259848	Church & Dwight Co., Inc.

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2021260192	George TFE scp	2021270219	CELLINK Bioprinting AB
2021260415	LG Electronics Inc.	2021270220	Elicera Therapeutics AB
2021260501	Truox, Inc.	2021270341	F. Hoffmann-La Roche AG
2021260663	Syneux International (Taiwan) Corp.	2021270458	Disc Medicine, Inc.; AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
2021260766	Purac Biochem B.V.	2021270489	Monsanto Technology LLC
2021260796	Novartis AG; Katholieke Universiteit Leuven; Korea Research Institute of Chemical Technology	2021270562	PayPal, Inc.
2021260816	Vio Chemicals AG	2021270731	Motorola Solutions, Inc.
2021260818	Essilor International	2021270777	Janssen Vaccines & Prevention B.V.
2021260986	Medacta International SA	2021270865	Chevron U.S.A. Inc.
2021261011	PACT Pharma, Inc.	2021271202	International Business Machines Corporation; Ramot At Tel-Aviv University Ltd.
2021261020	Georgia State University Research Foundation, Inc.	2021271205	International Business Machines Corporation
2021261049	Topelia Aust Limited	2021271209	New Growing Systems, S.I.
2021261139	Suntory Holdings Limited	2021271527	Southwest Research Institute; The Trustees of the University of Pennsylvania
2021261357	Speadtech Limited	2021271628	Personal Genome Diagnostics Inc.
2021261398	The Regents of The University of California	2021272903	STRM.BIO Incorporated
2021261405	Kalocyte, Inc.	2021272906	Albemarle Corporation
2021261455	Hemro International AG	2021273375	International Business Machines Corporation
2021261551	Schneider Electric Industries SAS	2021273796	International Business Machines Corporation
2021261647	Telefonaktiebolaget LM Ericsson (publ)	2021275115	Momenta Pharmaceuticals, Inc.
2021261671	LG Electronics Inc.	2021275808	Shanghai Polaris Biology Co., Ltd.
2021261807	Smilebiotek Zhuhai Limited	2021276898	International Business Machines Corporation
2021262226	Vectris Pty Ltd as trustee for JJB Trust	2021277195	Google LLC
2021262267	Longi Green Energy Technology Co., Ltd.	2021277452	Novelquip Forestry (Pty) Ltd
2021262532	Kemira OYJ	2021278112	Cisco Technology, Inc.
2021262535	Saint-Gobain Isover	2021278225	IFP Energies nouvelles
2021262547	Achilles Therapeutics UK Limited	2021278977	Albemarle Corporation
2021263047	Syngenta Crop Protection AG	2021281164	Keter Plastic Ltd.
2021263069	Société des Produits Nestlé S.A.	2021281459	Hollister Incorporated
2021263365	Candela Corporation	2021281467	Zebra Technologies Corporation
2021263427	Pepsico, Inc.	2021281628	International Business Machines Corporation
2021263652	Babel Street, Inc.	2021282621	Asahi Group Holdings, Ltd.
2021264011	Bayer HealthCare LLC	2021283116	Nohms Technologies, Inc.
2021264012	Vitro Flat Glass LLC	2021283230	Unicharm Corporation
2021264216	VLP Therapeutics, Inc.	2021286505	International Business Machines Corporation
2021264323	Wellstrøm AS	2021287759	International Business Machines Corporation
2021264447	Bard Access Systems, Inc.	2021288222	Agilent Technologies, Inc.
2021264709	Kobelco Construction Machinery Co., Ltd.	2021288546	International Business Machines Corporation
2021264924	Hunter Douglas, Inc.	2021289542	International Business Machines Corporation
2021265111	Traffix Devices, Inc.	2021290024	International Business Machines Corporation
2021265222	Rabhi, V.	2021290183	KWS SAAT SE & Co. KGaA
2021265578	Pfizer Inc.	2021290842	International Business Machines Corporation
2021265579	Stab Vida - Investigação e Serviços em Ciências Biológicas, Lda	2021290959	International Business Machines Corporation
2021265751	The Board of Regents of The University of Texas System	2021291334	Sika Technology AG
2021265813	Alnylam Pharmaceuticals, Inc.	2021291565	Glencal Technology Co., Ltd.
2021265827	Bayer HealthCare LLC	2021291706	International Business Machines Corporation
2021265948	ZTE Corporation	2021292692	Glencal Technology Co., Ltd.
2021266103	Société des Produits Nestlé S.A.	2021292871	Ampelmann Holding B.V.
2021266145	Secarna Pharmaceuticals GmbH & Co. KG	2021293514	Stripe, Inc.
2021266163	CooperVision International Limited	2021294112	International Business Machines Corporation
2021266690	Takeda Pharmaceutical Company Limited	2021294263	Sika Technology AG
2021266702	Slingshot Biosciences, Inc.	2021295256	International Business Machines Corporation
2021266723	The Procter & Gamble Company	2021296362	Metso Outotec USA Inc.
2021266865	SEW-EURODRIVE GmbH & Co. KG	2021297422	ORTHOREBIRTH CO., LTD.; Theradaptive Inc.
2021267006	AC Immune SA	2021299948	International Business Machines Corporation
2021267096	Raytheon Company	2021301140	Boehringer Ingelheim International GmbH
2021267252	The Procter & Gamble Company	2021301163	International Business Machines Corporation
2021267259	Cynosure, LLC	2021310171	Coval Biopharma (Shanghai) Co., Ltd.
2021267580	Ningbo Tuoluzhe Auto Accessories Co., Ltd	2021334933	Small Pharma Ltd
2021267990	Sonny's HFI Holdings, LLC	2021363467	Zhu, W.
2021268338	The Procter & Gamble Company	2021402802	Shandong First Medical University & Shandong Academy of Medical Sciences
2021268345	Nuvalent, Inc.	2021440597	Provectus Pharmatech, Inc.; UTI Limited Partnership
2021268651	The Procter & Gamble Company	2022202157	Beijing SmartChip Microelectronics Technology Company Limited; State Grid Information & Telecommunication Group Co., Ltd.
2021268652	The Procter & Gamble Company	2022204155	Clean Plant Pty Ltd
2021268653	The Procter & Gamble Company	2022211870	Miners, A.
2021268745	Schreder S.A.	2022233346	Fable Holdings Pty Ltd
2021268828	International Business Machines Corporation	2022235669	Tama Group
2021268992	Kraftanlagen München GmbH		
2021269058	Sonny's HFI Holdings, LLC		
2021269201	International Business Machines Corporation		

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2022240477 Illumina, Inc.; Illumina Cambridge Limited
2022247476 Cashmore, S.; Cashmore, J.

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2021290183	2021236739	2021292692	A61B 10 /-	2021245270	2021261049
A01C 11 /-	A01N 43 /-	A23L 13 /-	2021257479	A61J 7 /-	A61K 35 /-
2021277452	2021255795	2021245378	A61B 17 /-	2021245270	2020436661
A01C 7 /-	2021256654	A23L 2 /-	2020448478	A61K 31 /-	2021235383
2021277452	2021257572	2020435783	2021218686	2020436661	2021236320
A01D 41 /-	2021263047	A23L 27 /-	2021246242	2020440809	2021243742
2021270489	A01N 45 /-	2021245378	2021254688	2020442489	2021246242
A01D 45 /-	2021257572	A23L 29 /-	A61B 18 /-	2020443548	2021247302
2021270489	A01N 47 /-	2022233346	2021246963	2021232924	2021248780
A01G 25 /-	2021256654	A23L 3 /-	2021253769	2021233549	2021252514
2021257393	A01N 59 /-	2021245378	2021259843	2021233700	2021254477
A01G 3 /-	2021256654	2021260816	2021263365	2021234302	2021257311
2021271209	A01P 13 /-	A23L 33 /-	2021267259	2021237808	2021262547
A01G 9 /-	2021236739	2021251638	A61B 34 /-	2021238595	2021278977
2021271209	A01P 21 /-	2021254477	2021240407	2021238637	A61K 38 /-
A01H 1 /-	2021263047	2021257176	2021246963	2021238939	2021233549
2021252558	A01P 3 /-	2021260816	A61B 5 /-	2021239631	2021236662
A01H 5 /-	2021255795	2021263069	2020450952	2021244695	2021237619
2021252558	2021257572	2021266103	2021245379	2021245379	2021241625
A01K 1 /-	2021257573	A24B 15 /-	2021246969	2021247378	2021243742
2021252558	A01P 7 /-	2021252180	2021247378	2021248603	2021246242
A01K 1 /-	2021261807	2021257227	2021248603	2021249031	2021247302
2021247858	A21C 11 /-	A24F 40 /-	2021251096	2021251000	2021248665
2021283230	2022247476	2021244072	2021251237	2021251096	2021251208
A01K 3 /-	A21C 15 /-	2021244617	2021251249	2021251237	2021251791
2021235849	2022247476	A24F 47 /-	2021251638	2021251249	2021251865
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2021363467	2021260192	2021244198	2021253571	2021251638	2021253696
A01M 7 /-	A21D 19 /-	A61B 6 /-	2021253592	2021252094	2021254697
2021257393	2021260192	2021253571	2021253747	2021254856	2021254856
A01N 25 /-	A21D 8 /-	2021255044	2021255044	2021255488	2021255955
2021236067	2022247476	2021255088	2021255088	2021255488	2021256189
A01N 27 /-	A23B 4 /-	2021255488	2021255488	2021255583	2021256814
2021257393	2021245378	2021255662	2021255583	2021255662	2021258269
A01N 37 /-	A23C 9 /-	2021256189	2021255662	2021256189	2021261405
2021236739	2021254477	2021257176	2021256189	2021256189	2021262547
2021256654	2021263069	2021257227	2021257176	2021257176	A61K 39 /-
2021263047	2021266103	2021257675	2021257227	2021257227	2021235152
A23D 7 /-	A23D 7 /-	2021258539	2021257675	2021258539	2021236669
2022233346	2022233346	2021259419	2021258539	2021259366	2021239360
		2021260663	2021259419	2021259419	2021241625
		2021260796	2021260663	2021260663	2021243742
		2021260816	2021260796	2021260796	2021243842
		2021261049	2021260816	2021260816	2021247258
		2021261398	2021261049	2021261049	2021247302
		2021261405	2021261398	2021261398	2021250442
		2021261807	2021261405	2021261405	2021252514
		2021262547	2021261807	2021262547	2021252972
		2021265578	2021262547	2021265578	2021256053
		2021265813	2021265578	2021265813	2021256477
		2021266145	2021265813	2021266145	2021257311
		2021266690	2021266145	2021266690	2021259612
		2021267006	2021266690	2021267006	2021270220
		2021268345	2021267006	2021268345	2021270458
		2021301140	2021268345	2021301140	2021270777
		2021334933	2021301140	2021334933	A61K 41 /-
		2021402802	2021334933	2021402802	2021251873
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2021239631	<u>A61L 2 /-</u>			2021256814	2021256299
2021243842	2021244617		<u>A61P 3 /-</u>		2021272906
2021244695		<u>A61P 1 /-</u>	2021251791	<u>A61P 41 /-</u>	
2021248603	<u>A61L 27 /-</u>	2021253696	2021255088	2021246242	<u>B01D 61 /-</u>
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	2021259641	2021258539	2021258539	<u>A61P 43 /-</u>	2021262532
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2020442489	<u>A61L 29 /-</u>	2021266690	2021263069	2021254477	
2021232924	2021249480	2021402802	2021266103	2021255088	2021230397
2021236658		<u>A61P 11 /-</u>			2021232154
2021237619	<u>A61L 31 /-</u>	2021233549	<u>A61P 31 /-</u>	<u>A61P 5 /-</u>	2021252700
2021243745	2021249480	2021237808	2021233549	2021253696	2021265222
2021244687		2021238939	2021233700	2021402802	<u>B01F 25 /-</u>
2021244695	<u>A61L 9 /-</u>	2021245379	2021235383		
2021247378	2021251243	2021247378	2021237808	<u>A61P 7 /-</u>	2021232154
2021248603		2021248603	2021243742	2020440809	2021265222
2021248665	<u>A61M 11 /-</u>	2021251208	2021243842	2021255088	<u>B01F 27 /-</u>
2021251873	2021252180	2021251865	2021247378	2021256662	
2021253677	2021255034	2021255088	2021248603	2021265813	2021253856
2021256189	2021255651	2021258539	2021250442		2021265222
2021256223	<u>A61M 15 /-</u>	2021259366	2021251000	<u>A61P 9 /-</u>	<u>B01F 33 /-</u>
2021260816	2021252180		2021252094	2021237808	
2021310171	2021255034	2021254856	2021252972	2021238939	<u>B01F 35 /-</u>
2021334933	2021261049	2021255088	2021255044	2021246242	
<u>A61K 48 /-</u>	<u>A61M 16 /-</u>	2021255088	2021255088	2021253747	2021252700
2021237738	2021252180	2021258539	2021256814	2021255088	2021253856
2021246242	2021255034	2021259366	2021259419	2021258539	2021265222
2021247302	2021255651	<u>A61P 15 /-</u>	2021260663	2021259366	<u>B01J 13 /-</u>
2021261011	2021261049	2021253592	2021260796	2021270777	2021259848
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2021267006	2021244617	<u>A61P 17 /-</u>	2021261807	<u>A61Q 1 /-</u>	2021232893
	2021255142	2021258539		2021232893	<u>B01J 19 /-</u>
<u>A61K 8 /-</u>	2021261049	2021259366	<u>A61P 35 /-</u>	<u>A61Q 11 /-</u>	2021253856
2021232893	<u>A61M 39 /-</u>	<u>A61P 21 /-</u>	2020436661	2021232893	<u>B01J 20 /-</u>
2021235383	2021248877	2021239631	2020440809	2021266723	2021256081
2021254403	2021251781	2021246447	2021243742	2021267252	<u>B01L 3 /-</u>
2021266723	2021259280		2021246112	2021268338	2021244386
2021267252	2021265827	2021239631	2021246969	2021268651	<u>B01L 7 /-</u>
2021268338	<u>A61M 5 /-</u>	2021251638	2021251277	2021268652	2021265579
2021268651	2021244590	2021253747	2021251873	2021268653	<u>B02C 13 /-</u>
2021268652	2021246507	2021255088	2021253677		2021262226
2021268653	2021247156	2021238595	2021254279	<u>A61Q 19 /-</u>	<u>B02C 2 /-</u>
2021278977	2021259178	2021238637	2021255088	2021232893	2021296362
<u>A61K 9 /-</u>	2021265827	2021239631	2021255488	2021235383	<u>B04B 1 /-</u>
2021232924	<u>A61M 60 /-</u>	2021246242	2021256053	2021254403	2021257782
2021236658	2021236921	2021248780	2021256223	2021278977	<u>B04B 5 /-</u>
2021238637	<u>A61N 1 /-</u>	2021253571	2021256477	<u>A61Q 5 /-</u>	2021257782
2021239966	2021237142	2021253747	2021257311	2021232893	<u>B05B 11 /-</u>
2021244695	2021253562	2021257176	2021257675		2021236866
2021247378	2021263365	2021258539	2021258257	<u>A63B 71 /-</u>	
2021248603	2021265751	2021259366	2021258539	2021260192	
2021249031	2021267259	2021260663	2021259366		
2021251208		2021261398	2021261020	<u>A63F 1 /-</u>	
2021256477		2021261398	2021261398	2021204575	
2021257675		2021334933	2021262547		
2021261049		<u>A61P 27 /-</u>	2021265578	<u>B01D 21 /-</u>	
2021272903		2021247378	2021266145	2021257782	
2021334933		2021253747	2021270458		
<u>A61L 15 /-</u>		<u>A61P 29 /-</u>	2021310171		
2021235383		2021246242	2021402802		
			<u>A61P 37 /-</u>		
			2021235152		

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<u>B05B 12 /-</u>	<u>B26B 21 /-</u>	<u>B60S 9 /-</u>	<u>B65D 1 /-</u>	<u>C01B 6 /-</u>	<u>C07C 211 /-</u>
2021267990	2021255782		2021263427	2021255266	2021251638
<u>B05B 17 /-</u>	2021256285	2021256594	<u>B65D 55 /-</u>	2021256364	<u>C07C 215 /-</u>
	2021256883	<u>B60W 40 /-</u>		<u>C01C 1 /-</u>	
2021252180	<u>B28B 17 /-</u>		2021245270		2021251638
<u>B05B 3 /-</u>	2021256461	2021239055	<u>B65D 79 /-</u>	2021255266	<u>C07C 229 /-</u>
		2021261357		2021256364	
2021269058	<u>B29B 17 /-</u>	<u>B60W 50 /-</u>	2021263427	<u>C01F 17 /-</u>	2021234274
<u>B05B 5 /-</u>	2021253856		<u>B65D 83 /-</u>		2021236067
		2021261357		2021238258	<u>C07C 235 /-</u>
2021257782	<u>B29C 35 /-</u>	<u>B61C 15 /-</u>	2021245270	<u>C01F 5 /-</u>	
<u>B05D 3 /-</u>	2021256461		<u>B65G 1 /-</u>		2021259145
		2021248631		2021260766	<u>C07C 237 /-</u>
2021259848	<u>B29C 41 /-</u>	<u>B61L 23 /-</u>	2021238850	<u>C01G 53 /-</u>	
<u>B05D 7 /-</u>	2021256461		<u>B65G 69 /-</u>		2021259145
		2021246970		2020377532	<u>C07C 311 /-</u>
2021257402	<u>B29C 44 /-</u>	<u>B61L 27 /-</u>	2021252700	2021240412	
<u>B08B 5 /-</u>	2021239966		<u>B66C 1 /-</u>	2021240415	2021240009
		2021246970		2021242024	
2021248631	<u>B29C 48 /-</u>	<u>B62B 3 /-</u>	2021252089	<u>C02F 1 /-</u>	<u>C07C 35 /-</u>
<u>B08B 7 /-</u>	2021239966		<u>B66C 23 /-</u>	2021260501	
	2022235669	2021278225		<u>C02F 101 /-</u>	<u>C07C 49 /-</u>
2021248631	<u>B29C 55 /-</u>	<u>B62D 15 /-</u>	2021264709		
<u>B09B 3 /-</u>			<u>B66D 1 /-</u>	2021226188	2021251277
	2022235669	2021266865		<u>C03B 5 /-</u>	<u>C07C 69 /-</u>
2021291565	<u>B29C 64 /-</u>	<u>B62D 57 /-</u>	2021264709		
<u>B22D 19 /-</u>			<u>B66F 7 /-</u>	2021262535	2021260663
	2021270219	2021256594		<u>C03C 17 /-</u>	<u>C07D 209 /-</u>
2020448090	<u>B29C 67 /-</u>	<u>B62D 61 /-</u>	2021234732		
<u>B22D 25 /-</u>			<u>B67D 1 /-</u>	2021264012	2021247271
	2021253502	2021266865		<u>C04B 103 /-</u>	2021251000
2020448090	2021256461	<u>B62D 63 /-</u>	2021230397		2021253747
<u>B22F 1 /-</u>	<u>B29C 70 /-</u>		<u>B82Y 10 /-</u>	2021291334	<u>C07D 211 /-</u>
		2021266865		<u>C04B 24 /-</u>	
2020435277	2021253502	<u>B62D 7 /-</u>	2021237121		2021266690
<u>B22F 9 /-</u>	2021256461		<u>B82Y 30 /-</u>	2021252137	<u>C07D 213 /-</u>
		2021266865		<u>C04B 28 /-</u>	
2020435277	<u>B33Y 50 /-</u>	<u>B63B 25 /-</u>	2021260818		2021255088
<u>B23B 31 /-</u>			<u>B82Y 40 /-</u>	2021252137	<u>C07D 233 /-</u>
	2021270219	2021292871		2021291334	
2021246543	<u>B60B 39 /-</u>	<u>B63B 27 /-</u>	2020435277	<u>C04B 35 /-</u>	2021238939
			2021260818		<u>C07D 237 /-</u>
<u>B23B 5 /-</u>	2021248631	2021292871	<u>C01B 3 /-</u>	2021259641	
				<u>C04B 40 /-</u>	2021255088
2021246543	<u>B60D 1 /-</u>	<u>B63B 39 /-</u>	2021255266		<u>C07D 239 /-</u>
<u>B23P 15 /-</u>			2021256364	2021291334	
	2021265111	2021292871		<u>C05F 17 /-</u>	2021255088
2021256883	<u>B60R 19 /-</u>	<u>B64G 1 /-</u>	<u>C01B 32 /-</u>		<u>C07D 271 /-</u>
				2021292692	
<u>B23Q 3 /-</u>	2021265111	2021244290	2020435277		2021239631
			2021240408	<u>C05F 5 /-</u>	
2021246543	<u>B60R 3 /-</u>	<u>B65B 51 /-</u>	<u>C01B 33 /-</u>		<u>C07D 279 /-</u>
<u>B25H 3 /-</u>				2021292692	
	2021267580	2021237089	2020435277		2021226188
2021281164	<u>B60R 9 /-</u>	<u>B65B 7 /-</u>	2021260818	<u>C07C 15 /-</u>	2021258291
<u>B25J 19 /-</u>			<u>C01B 35 /-</u>		<u>C07D 285 /-</u>
	2021267580	2021237089		2021260663	
2021246963	<u>B60S 3 /-</u>		2020435277		2021226188
	2021267990				

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<u>C07D 295 /-</u>		<u>C08F 20 /-</u>	<u>C09D 5 /-</u>	2021248204	
2021259496	<u>C07H 19 /-</u>	2021275808	2021256380	2021251638	<u>C23G 3 /-</u>
	2021271628			2021256477	2021248631
<u>C07D 307 /-</u>	<u>C07H 21 /-</u>	<u>C08F 220 /-</u>	<u>C09D 7 /-</u>	2021257609	
2021260796	2021271628	2021256380	2021233820	2021258257	<u>C23G 5 /-</u>
			2021256380	2021259612	2021248631
<u>C07D 309 /-</u>	<u>C07H 7 /-</u>	<u>C08F 265 /-</u>	<u>C09K 13 /-</u>	2021261020	
2021260663	2021234308	2021256380	2021234274	2021262547	<u>C25B 1 /-</u>
				2021263069	2020434253
<u>C07D 401 /-</u>	<u>C07K 1 /-</u>	<u>C08F 285 /-</u>	<u>C09K 8 /-</u>	2021266103	
2021238939	2021251791	2021256380	2021236069	2021271527	<u>C25B 11 /-</u>
2021246969	2021251791			2021272903	2020434253
2021251000	<u>C07K 14 /-</u>	<u>C08F 8 /-</u>	<u>C11D 1 /-</u>		
2021255088	2021236320	2021275808	2021232892	<u>C12N 7 /-</u>	<u>C25B 9 /-</u>
2021258539	2021237619		2021259107	2021257311	2020434253
2021259366	2021237738	<u>C08G 73 /-</u>	<u>C11D 10 /-</u>		
	2021239360	2021262532	2021232892	<u>C12N 9 /-</u>	<u>C40B 30 /-</u>
<u>C07D 403 /-</u>	2021243742	<u>C08J 3 /-</u>	<u>C11D 3 /-</u>	2021234302	2021245992
2021255088	2021246017	2021256983	2021259107	2021236320	
2021402802	2021248204	<u>C08J 9 /-</u>	<u>C12G 3 /-</u>	2021239360	<u>C40B 40 /-</u>
	2021251096	2021253502	2021261139	2021248665	2021245992
<u>C07D 405 /-</u>	2021251791	<u>C08K 3 /-</u>	<u>C12M 1 /-</u>	2021253753	
2021260796	2021252514	2021256380	2021271527	2022240477	<u>D01D 5 /-</u>
2021266690	2021253677	2021256983	<u>C12M 3 /-</u>	<u>C12P 19 /-</u>	2021294263
	2021253696	2021260818	2021271527	2021271628	2021297422
<u>C07D 409 /-</u>	2021254283	<u>C08K 9 /-</u>	<u>C12N 1 /-</u>	2022240477	
2021238939	2021256053	2021260818	2021248204	<u>C12P 21 /-</u>	<u>D01F 1 /-</u>
	2021256477	<u>C08K 5 /-</u>	2021254477	2021257609	2021297422
<u>C07D 413 /-</u>	2021258269	2021260818	2021282621	<u>C12Q 1 /-</u>	<u>D01F 6 /-</u>
2021238939	2021259612	<u>C08L 101 /-</u>	<u>C12N 15 /-</u>	2021245992	2021294263
2021239631	2021263069	2021291565	2021234302	2021247858	2021297422
2021258539	2021270220	<u>C08L 23 /-</u>	2021236320	2021251703	<u>D06L 1 /-</u>
	2021272903	2022235669	2021237738	2021252542	2021232892
<u>C07D 417 /-</u>	<u>C07K 16 /-</u>	<u>C08L 51 /-</u>	2021243742	2021254477	<u>D21C 9 /-</u>
2021238939	2021236669	2021260818	2021247027	2021254779	2021259579
2021255088	2021243742	<u>C08L 9 /-</u>	2021248204	2021257823	
2021258539	2021247258	2021256380	2021251249	2021265579	<u>D21D 1 /-</u>
	2021252514	<u>C09D 11 /-</u>	2021251718	2021271628	2021259579
<u>C07D 471 /-</u>	2021254279	2021233820	2021252542	2022240477	
2021258539	2021256053	<u>C08L 23 /-</u>	2021254283	<u>C21B 5 /-</u>	<u>D21H 11 /-</u>
2021265578	2021270220	2022235669	2021254697	2021252700	2021259579
	2021270458	<u>C08L 51 /-</u>	2021255583	2021255266	<u>D21H 17 /-</u>
<u>C07D 487 /-</u>	2021271527	2021256380	2021256477	2021256364	2021262532
2021275115	2021275115	<u>C09D 133 /-</u>	2021257311	<u>C21B 7 /-</u>	<u>D21H 21 /-</u>
	<u>C07K 4 /-</u>	2021256380	2021264216	2021255266	2021259579
2021234308	2021282621	<u>C09D 183 /-</u>	2021248204	2021256364	
2021255088	<u>C07K 5 /-</u>	2021260818	2021251249	<u>C22B 1 /-</u>	<u>E01F 15 /-</u>
2021267006	2021236662	<u>C09D 4 /-</u>	2021251718	2021252700	2021265111
		2021257402	2021252542	<u>C22C 1 /-</u>	
<u>C07D 495 /-</u>	<u>C07K 7 /-</u>	<u>C09D 4 /-</u>	2021254283	2020435277	<u>E01H 8 /-</u>
2021253571	2021251096	2021257402	2021254697	<u>C23C 8 /-</u>	2021248631
	2021253677		2021255583	2021257402	
<u>C07D 519 /-</u>	2021254403	<u>C09D 4 /-</u>	2021256477		
2021253571	2021255955	2021257402	2021266145		
2021255488	2021256477				
2021265578					
<u>C07H 1 /-</u>	<u>C08F 2 /-</u>				
2021234308	2021256380				
<u>C07H 13 /-</u>					
2021260663					

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<u>E02D 29 /-</u>					<u>G05D 1 /-</u>
2021256325	<u>E21B 41 /-</u>	<u>F17C 5 /-</u>	<u>F28D 17 /-</u>	<u>G01N 30 /-</u>	2021245272
	2021256259	2021242032	2021268992	2021254287	
<u>E02F 9 /-</u>				2021256452	<u>G06F 1 /-</u>
	<u>E21B 43 /-</u>	<u>F17C 7 /-</u>	<u>F28D 20 /-</u>		
2021255285	2021236069	2021242032	2021268992	<u>G01N 33 /-</u>	2021257828
	2021256259			2020450952	2021259182
<u>E04B 1 /-</u>	2021264323	<u>F17C 9 /-</u>	<u>F28F 3 /-</u>	2021251206	<u>G06F 11 /-</u>
2021256325		2021255684	2020439973	2021254287	
	<u>E21B 47 /-</u>			2021257782	2021245272
<u>E04B 2 /-</u>	2021264323	<u>F21V 15 /-</u>	<u>F41H 7 /-</u>	2021257823	2021291706
2021256325		2020436352	2021238417	2021258279	
	<u>E21B 7 /-</u>			2021261011	<u>G06F 13 /-</u>
<u>E04C 2 /-</u>	2021244351	<u>F21V 23 /-</u>	<u>F42B 15 /-</u>	2021266702	
2021253598	2021244352	2020436352	2021244290	2021275808	2021269201
2021256325				<u>G01N 35 /-</u>	<u>G06F 16 /-</u>
	<u>E21C 45 /-</u>	<u>F21V 31 /-</u>	<u>G01B 15 /-</u>	2021244386	2021255731
<u>E04C 5 /-</u>	2022204155	2020436352	2021281467	2021259489	2021268828
2021294263				2021288222	2021294112
	<u>F01K 3 /-</u>	<u>F23J 15 /-</u>	<u>G01B 17 /-</u>	<u>G01P 15 /-</u>	<u>G06F 17 /-</u>
<u>E04F 15 /-</u>	2021268992	2021255226	2021270219	2021238850	2021261357
2021253599					2021289542
	<u>F02B 19 /-</u>	<u>F24H 3 /-</u>	<u>G01B 21 /-</u>	<u>G01R 15 /-</u>	
<u>E04G 1 /-</u>	2021265222	2021268992	2021270219	2021261551	<u>G06F 21 /-</u>
2021292871					2021273375
	<u>F02C 3 /-</u>	<u>F24H 7 /-</u>	<u>G01C 19 /-</u>	<u>G01R 22 /-</u>	<u>G06F 3 /-</u>
<u>E04G 3 /-</u>	2021255266	2021268992	2021243388	2021255929	
2021292871	2021256364		2021243389		2021204575
		<u>F24S 23 /-</u>	2021243390	<u>G01R 25 /-</u>	2021254797
<u>E04H 17 /-</u>	<u>F02M 15 /-</u>	2021252652		2021245390	2021261357
2021256325	2021265222		<u>G01C 21 /-</u>		2021269201
		<u>F25B 9 /-</u>	2021243390	<u>G01R 3 /-</u>	2021270562
<u>E06B 9 /-</u>	<u>F02M 29 /-</u>	2021257828	2021256742		<u>G06F 7 /-</u>
2021241828	2021265222		2021263652	2021261551	2021244072
2021244944		<u>F25C 5 /-</u>	<u>G01F 1 /-</u>	<u>G01R 31 /-</u>	
2021255919	<u>F02M 31 /-</u>	2020448393	2021245390	2020462838	<u>G06F 8 /-</u>
2021264924	2021265222				2021270562
	<u>F02M 71 /-</u>	<u>F25D 23 /-</u>	<u>G01F 3 /-</u>	<u>G01V 1 /-</u>	2021286505
<u>E06C 5 /-</u>	2021265222	2020442945	2021265222	2021254725	<u>G06F 9 /-</u>
2021267580					2021273796
	<u>F04B 43 /-</u>	<u>F25J 1 /-</u>	<u>G01M 3 /-</u>	<u>G01V 99 /-</u>	
<u>E21B 1 /-</u>	2021265827	2021255684	2021281459	2021254725	<u>G06G 5 /-</u>
2021246814					2021271202
	<u>F04D 13 /-</u>	<u>F26B 3 /-</u>	<u>G01N 1 /-</u>	<u>G02B 1 /-</u>	
<u>E21B 10 /-</u>	2021256259	2021258899	2021288222	2021260818	<u>G06G 7 /-</u>
2021246814				2021266163	2021270865
	<u>F04D 29 /-</u>	<u>F27B 3 /-</u>	<u>G01N 15 /-</u>	<u>G02B 5 /-</u>	<u>G06K 17 /-</u>
<u>E21B 23 /-</u>	2021256259	2021262535	2021275808	2021252652	2021232943
2021264323					
	<u>F16F 7 /-</u>	<u>F27D 9 /-</u>	<u>G01N 19 /-</u>	<u>G02C 7 /-</u>	<u>G06K 9 /-</u>
<u>E21B 29 /-</u>	2021265111	2021262535	2021270489	2021260818	2021204575
2021244351					2021257393
2021244352	<u>F16K 7 /-</u>	<u>F27D 99 /-</u>	<u>G01N 21 /-</u>	<u>G05B 19 /-</u>	2021259410
	2022211870	2021262535	2021270341	2021245272	2021263652
<u>E21B 33 /-</u>		<u>F28C 3 /-</u>	<u>G01N 27 /-</u>	2021267990	2021290842
2021264323	<u>F16L 55 /-</u>	2021258899	2021245390		
2021246814	2021235761				

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<u>G06N 10 /-</u>	<u>G07C 5 /-</u>	<u>G16H 50 /-</u>	<u>H01Q 11 /-</u>	2021252927 2021278112	<u>H04W 84 /-</u>
2021237121 2021257828 2021290024 2021290959 2021295256 2021299948 2021301163	2021239055 2021261357	2021254287 2021264011	2021244290		2021256985
			<u>H01Q 21 /-</u>	<u>H04L 41 /-</u>	<u>H05B 3 /-</u>
	<u>G07C 9 /-</u>	<u>H01B 1 /-</u>	2021238696 2021244290	2021235666 2021268745	2021268992
	2021270731	2021240408		<u>H04L 43 /-</u>	<u>H05C 1 /-</u>
	<u>G07F 11 /-</u>	<u>H01F 27 /-</u>	<u>H01Q 25 /-</u>	2021235666 2021268745	2021235849
<u>G06N 20 /-</u>	2021241828	2020439973 2021267096	2021238696	<u>H04L 45 /-</u>	<u>H05G 1 /-</u>
2021245992 2021255731 2021255824 2021271205	<u>G07F 17 /-</u>	<u>H01G 11 /-</u>	<u>H01Q 9 /-</u>	2021278112	2021244617
	2020439362	2021283116	2021238696	<u>H04L 5 /-</u>	<u>H05H 1 /-</u>
<u>G06N 3 /-</u>	<u>G07G 1 /-</u>	<u>H01L 21 /-</u>	<u>H01R 24 /-</u>	2022202157	2021237142 2021248631
2021245390 2021245992 2021255824 2021281628	2021259182 2021259410	2021276898 2021288546	2021244290	<u>H04L 65 /-</u>	<u>H05K 1 /-</u>
	<u>G08B 21 /-</u>	<u>H01L 23 /-</u>	<u>H01R 4 /-</u>	2020451276	2021256983
	2021256742	2020436352	<u>H02J 15 /-</u>	<u>H04L 67 /-</u>	<u>H05K 5 /-</u>
<u>G06N 99 /-</u>	<u>G08B 27 /-</u>	<u>H01L 27 /-</u>	2021268992	2021256985 2021268745	2021235849
2021255731	2021256742	2021288546 2021290959 2021295256	<u>H02J 3 /-</u>	<u>H04L 69 /-</u>	<u>H05K 7 /-</u>
<u>G06Q 10 /-</u>	<u>G08B 7 /-</u>	<u>H01L 29 /-</u>	2020462838 2021255929	2021256985	2020439973 2021233833 2021235849 2021257828
2021241828 2021247858 2021290183	2021256742	2021276898	<u>H02J 5 /-</u>	<u>H04L 9 /-</u>	
<u>G06Q 20 /-</u>	<u>G08G 1 /-</u>	<u>H01L 31 /-</u>	2021233833	2021232943	
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<u>G06Q 30 /-</u>	<u>G09B 19 /-</u>	<u>H01L 39 /-</u>	2021233833	2021243774	
2021287759	2021261357	2021290959 2021295256	<u>H02M 7 /-</u>	<u>H04N 7 /-</u>	
<u>G06Q 50 /-</u>	<u>G16B 20 /-</u>	<u>H01M 10 /-</u>	2021259198	2021239055	
2021247858 2021267990 2021290183	2021237626	2021240412 2021240415 2021241695 2021242024 2021256983 2021283116	<u>H02S 50 /-</u>	<u>H04W 12 /-</u>	
	<u>G16B 25 /-</u>		2020462838	2021248280 2021256985	
	2021237626	<u>H01M 10 /-</u>	<u>H03K 17 /-</u>	<u>H04W 28 /-</u>	
<u>G06T 17 /-</u>	<u>G16B 30 /-</u>	2021240412 2021240415 2021241695 2021242024 2021256983 2021283116	2021238850 2021290024	2021256985	
2021263652	2020439391 2020439910 2020440744	<u>H01M 4 /-</u>	<u>H03K 19 /-</u>	<u>H04W 36 /-</u>	
<u>G06T 7 /-</u>	<u>G16B 40 /-</u>	2020377532 2021240412 2021240415 2021241695 2021242024	2021301163	2021265948	
2021244072	2020439910	<u>H01M 8 /-</u>	<u>H03K 5 /-</u>	<u>H04W 4 /-</u>	
<u>G06V 10 /-</u>	<u>G16H 10 /-</u>	2021255266 2021256364 2021258291	2021290024	2021268745	
2021244072 2021259410 2021263652	2021247858 2021255731 2021258257	<u>H01Q 1 /-</u>	<u>H04B 7 /-</u>	<u>H04W 52 /-</u>	
<u>G06V 30 /-</u>	<u>G16H 20 /-</u>	2021252927	2021249311 2021256985 2021277195	2021261647	
2021244072 2021259410 2021263652	2021258257 2021264011	<u>H04L 1 /-</u>	<u>H04L 1 /-</u>	<u>H04W 72 /-</u>	
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2021232943	2021244072		<u>H04L 12 /-</u>	<u>H04W 8 /-</u>	
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C07D 405/06 (2006.01)
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2016302580	Amgen Research (Munich) GmbH	2018284843	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2016302928	Regeneron Pharmaceuticals, Inc.	2018288953	Samsung Electronics Co., Ltd.
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2016332475	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2018311287	Adaptix Ltd
2016334225	Monsanto Technology LLC	2018315154	Helmholtz-Zentrum für Infektionsforschung GmbH
2016347500	MirnaGreen S.r.l.	2018321976	Perthou, P.
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2016366549	California Institute of Technology	2018330578	Eisai R&D Management Co., Ltd.
2016407529	Fluor Technologies Corporation	2018334389	Raytheon Company
2017201305	Leviat GmbH	2018337476	LG Electronics Inc.
2017204945	Syqe Medical Ltd.	2018338411	Titan Trailers Inc.
2017208662	Suez International	2018338626	The Trustees of The Stevens Institute of Technology
2017210484	SMC Corporation	2018346051	1st Biotherapeutics Inc.
2017217464	Biogen MA Inc.	2018353556	CMA Macchine Per Caffè S.r.l.
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2017238339	Veolia Water Solutions & Technologies Support; Societe Internationale de Dessalement	2018355020	Merkoci, A.; Bracic, A.
2017244688	Pola Pharma Inc.; Nihon Nohyaku Co., Ltd.	2018355031	LT Lighting (Taiwan) Corporation
2017247701	Pfizer Inc.	2018399610	Stratos Genomics Inc.
2017250679	Baylor College of Medicine	2018443332	Huawei Technologies Co., Ltd.
2017250732	Yeda Research and Development Co. Ltd.; Memorial Sloan-Kettering Cancer Center	2018445624	Colgate-Palmolive Company
2017260192	Watson, R.D.; Watson, J.R.	2018452712	Colgate-Palmolive Company
2017267160	SK Biopharmaceuticals Co., Ltd.	2019200886	LG Electronics Inc.
2017268720	Claeys, S.C.R.; Claeys, L.L.J.; Claeys, N.E.P.	2019203635	Grant, P.
2017269046	EB IP Hybritabs B.V.	2019210207	The Trustees of Dartmouth College; DoseOptics, LLC
2017272967	Decathlon	2019236628	salesforce.com, inc.
2017285019	iRobot Corporation	2019243004	LG Electronics Inc.
2017287529	Tohoku University; Life Science Institute, Inc.	2019246538	Sony Corporation
2017297370	Arnott, B.; Arnott, M.	2019263104	Collectis
2017303905	Tohoku University; Life Science Institute, Inc.	2019265169	HysensBio
2017315764	Cala Health, Inc.	2019269737	Nottingham Spirk Design Associates
2017319586	Luigi Lavazza S.p.A.	2019270089	University of Tennessee Research Foundation; Veru INC
2017321979	Lumiphore, Inc.	2019280476	Attabotics Inc.
2017322066	BAE Systems Bofors AB	2019293104	Hitachi, Ltd.
2017324960	Rensselaer Polytechnic Institute	2019345912	Kraft Foods Schweiz Holding GmbH
2017325593	General Mills, Inc.	2019356914	Simpson Strong-Tie Company Inc.
2017326749	Conveyor Innovations Pty Ltd	2019370810	Nicoventures Trading Limited
2017329869	Essilor International	2019374439	Unilever Global IP Limited
2017332855	FCI Holdings Delaware, Inc.	2019406321	Colgate-Palmolive Company
2017336338	Myovant Sciences GmbH	2019412355	Beijing Geekplus Technology Co., Ltd.
2017339029	Bayer Oy	2019416232	Huawei Technologies Co., Ltd.; Peking University
2017340526	The Global Alliance for TB Drug Development, Inc.	2019426490	Meinan Machinery Works, Inc.
2017344058	Boston Scientific Scimed, Inc.	2019432628	Mitsubishi Power, Ltd.
2017349752	nChain Holdings Limited	2020203056	Bristol-Myers Squibb Company
2017355407	CiDRA Corporate Services LLC	2020204381	Function Promoting Therapies, LLC
2017357645	Dogtooth Technologies Limited	2020205336	Regeneron Pharmaceuticals, Inc.
2017361132	ISX IP Ltd	2020205659	Gates Corporation
2017363067	Tech Diversified, LLC	2020206477	Nanjing Transthera Biosciences Co., Ltd.
2017383561	Dejero Labs Inc.	2020206957	Huawei Technologies Co., Ltd.
2017387096	BASF SE	2020210285	Channel Medsystems, Inc.
2017431769	Kimberly-Clark Worldwide, Inc.	2020210990	Vivo Mobile Communication Co., Ltd.
2017435381	Deakin University	2020211630	Haier Smart Home Co., Ltd.
2018202037	Hawa Sliding Solutions AG	2020214609	Daikin Industries, Ltd.
2018202478	Naber Holding GmbH & Co. KG	2020218818	Shell Internationale Research Maatschappij B.V.
2018207854	Carrosserie HESS AG	2020220089	Wing Aviation LLC
2018210008	The Sherwin-Williams Company	2020223719	ICU Medical, Inc.
2018225650	Guardian Glass, LLC; Intermolecular Inc.	2020226154	Nippon Telegraph and Telephone Corporation
2018237067	Magic Leap, Inc.	2020227055	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; Regents of the University of Michigan
2018237285	Qualcomm Incorporated	2020228790	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2018241195	Vorwerk & Co. Interholding GmbH	2020238601	Motorola Solutions, Inc.
2018244271	Sport Vision, S.L.	2020239758	TNA Australia Pty Limited
2018244822	Vernacare Limited	2020239788	MedicalTree Patent Ltd
2018262258	Crime Science Technology		
2018262489	Triton Algae Innovations		

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2020244544 Spinal Elements, Inc.
2020244552 W. L. Gore & Associates, Inc.
2020245193 Telefonaktiebolaget LM Ericsson (Publ)
2020256391 The Scripps Research Institute
2020256448 The University of Queensland
2020257135 H. Lee Moffitt Cancer Center and Research Institute, Inc.; University of South Florida; Wake Forest University Health Sciences

2020258360 Coors Brewing Company
2020260075 Gilead Sciences, Inc.
2020260150 Tencent America LLC
2020264346 LG ELECTRONICS INC.
2020270479 Cometeer, Inc.
2020270499 TransMedics, Inc
2020273331 Axon Enterprise, Inc.
2020277261 Illumina, Inc.
2020285280 Zhuohe Pharmaceuticals Group Co., Ltd.
2020286208 Elysium Health, Inc.
2020286271 Janssen Pharmaceutica NV
2020289730 Galera Labs, LLC
2020327704 Collibra NV
2020392315 Eyesafe Inc.
2020410168 Three Smith Group Limited
2020432238 "BioBo GmbH"
2021200206 Applied Medical Resources Corporation
2021200867 Fisher & Paykel Healthcare Limited
2021201332 CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM

2021201578 CLASSIC HARDWARE SUPPLIERS PTY LTD
2021201600 Snap-on Incorporated
2021201789 Stirtec GmbH; Technische Universität Wien
2021201829 Nichia Corporation
2021202048 Zimmer, Inc.
2021202227 The United States of America, as represented by the Secretary, Department of Health and Human Services

2021202260 7 Hills Pharma LLC
2021202326 Orthosoft ULC
2021202485 Snap-on Incorporated
2021202721 Monitra Healthcare Private Limited
2021202812 RECHNER Industrie-Elektronik GmbH
2021203212 Becton, Dickinson and Company
2021203221 Waymo LLC
2021203391 Snap-on Incorporated
2021203497 Orion Corporation
2021203799 HONEYWELL INTERNATIONAL INC.
2021203880 Inguran, LLC
2021203884 Wing Aviation LLC
2021203885 M&R Printing Equipment, Inc.
2021204175 Airbus Helicopters
2021204374 Porifera, Inc.
2021204774 Google LLC
2021205109 Mercator Pty. Ltd.
2021205116 The Global Alliance for TB Drug Development, Inc.
2021212056 Welch Allyn, Inc.
2021212125 Nantong University
2021219850 Lee, W.
2021223884 BAE Systems PLC
2021227418 British Harlequin PLC
2021229224 Magic Leap, Inc.
2021258055 Pride Mobility Products Corporation
2022200615 The Eye Hospital of Wenzhou Medical University
2022204688 Burton, D.

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2018322498	2019370810	2022200615	<u>A61K 47 /-</u>	2017287529	2020256448
<u>A01D 46 /-</u>	<u>A24F 47 /-</u>	<u>A61C 19 /-</u>	2017244688	<u>A61P 17 /-</u>	<u>B01D 3 /-</u>
2017357645	2017204945	2019406321	2018315154	2017287529	2021204374
<u>A01H 1 /-</u>	<u>A43B 13 /-</u>	<u>A61F 2 /-</u>	<u>A61K 51 /-</u>	<u>A61P 19 /-</u>	<u>B01D 37 /-</u>
2016352829	2017232093	2018279271	2020257135	2016298425	2020256448
<u>A01H 5 /-</u>	<u>A46B 11 /-</u>	2020244544	<u>A61K 8 /-</u>	<u>A61P 25 /-</u>	<u>B01D 39 /-</u>
2016332475	2019406321	2020244552	2018445624	2017217464	2020256448
2016352829	<u>A46B 15 /-</u>	<u>A61F 6 /-</u>	2018452712	2017287529	<u>B01D 43 /-</u>
<u>A01N 1 /-</u>	2019406321	2017339029	2019265169	2018330578	2020286271
2020270499	<u>A47J 31 /-</u>	<u>A61F 9 /-</u>	<u>A61K 9 /-</u>	<u>A61P 3 /-</u>	2020256448
<u>A01N 63 /-</u>	2018353556	2022200615	2017204945	2017250679	<u>B01D 53 /-</u>
2016301021	<u>A47J 37 /-</u>	<u>A61G 5 /-</u>	2017217464	2020206477	2018338626
<u>A01P 1 /-</u>	2018321976	2021258055	2017267160	<u>A61P 31 /-</u>	<u>B01D 61 /-</u>
2016301021	<u>A47J 43 /-</u>	<u>A61K 31 /-</u>	2017269046	2017244688	2020256448
<u>A23F 5 /-</u>	2018241195	2017204945	2020286271	2020260075	2021205116
2020270479	<u>A47L 11 /-</u>	2017217464	<u>A61L 27 /-</u>	2020285280	<u>B01D 63 /-</u>
<u>A23G 1 /-</u>	2017285019	2017244688	2018279271	2021205116	<u>B01D 65 /-</u>
2019345912	<u>A47L 15 /-</u>	2017250732	<u>A61M 1 /-</u>	<u>A61P 35 /-</u>	2017238339
<u>A23G 3 /-</u>	2019200886	2017267160	2022200615	2016302928	<u>B01D 65 /-</u>
2019345912	<u>A61B 17 /-</u>	2017269046	<u>A61M 15 /-</u>	2017250732	2017238339
<u>A23G 9 /-</u>	2020239788	2017340526	2017204945	2020203056	<u>B01J 27 /-</u>
2019269737	2021200206	2018330578	<u>A61M 16 /-</u>	2021202260	2018264223
<u>A23J 1 /-</u>	2021202048	2019270089	2021200867	2020206477	<u>B01J 35 /-</u>
2020432238	<u>A61B 18 /-</u>	2020206477	<u>A61M 39 /-</u>	2020260075	2018264223
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2020432238	<u>A61B 3 /-</u>	2020286208	<u>A61M 5 /-</u>	2020286271	2018244822
<u>A23K 10 /-</u>	2017329869	2020286271	2020223719	2021201332	<u>B02C 19 /-</u>
2018262489	2018244271	2021201332	2021203212	2021202260	2018244822
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2017325593	2021202048	2021202260	2020223719	2021203497	2020432238
<u>A23L 2 /-</u>	2021202326	2021205116	2021203212	<u>A61P 9 /-</u>	<u>B02C 7 /-</u>
2018262489	<u>A61B 5 /-</u>	<u>A61K 35 /-</u>	2022200615	2017287529	2020432238
<u>A23L 3 /-</u>	2017232093	2017287529	<u>A61N 1 /-</u>	2017303905	<u>B03B 5 /-</u>
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<u>A23L 33 /-</u>	2022204688	<u>A61K 38 /-</u>	<u>A61N 5 /-</u>	2018445624	<u>B02C 19 /-</u>
2018262489	<u>A61B 6 /-</u>	2016298425	2017344058	2019265169	<u>B02C 23 /-</u>
	2017232093	2016301021	<u>A61P 1 /-</u>	<u>A61Q 19 /-</u>	2020432238
	2021202048	2017336338	2017250679	2018452712	<u>B02C 7 /-</u>
	2021202721	2018262489	2017287529	<u>A63B 31 /-</u>	<u>B02C 7 /-</u>
	2022204688	2020257135	2017272967	2017272967	2020432238
	<u>A61B 6 /-</u>	2021202227	<u>B01D 15 /-</u>	<u>B01D 15 /-</u>	<u>B03B 5 /-</u>
	2017232093	<u>A61K 39 /-</u>	2020256448	2017303905	2017355407
	2021202048	2016302928	<u>B01D 17 /-</u>	<u>A61Q 11 /-</u>	<u>B03B 7 /-</u>
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	2022204688	2020203056	<u>B01D 24 /-</u>	2019265169	<u>B03D 1 /-</u>
	<u>A61B 6 /-</u>	<u>A61K 45 /-</u>	2020256448	<u>A61N 1 /-</u>	2018244822
	2017250732	2017287529	<u>A61Q 11 /-</u>	<u>A61P 11 /-</u>	<u>B02C 19 /-</u>
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	2018309611	2020257135	2019265169	<u>A61P 13 /-</u>	<u>B02C 23 /-</u>
			<u>A61Q 19 /-</u>	2017315764	2020432238
			2018452712	<u>A61N 5 /-</u>	<u>B02C 7 /-</u>
			<u>A63B 31 /-</u>	2017344058	2020432238
			2017272967	<u>A61P 1 /-</u>	<u>B02C 7 /-</u>
			<u>B01D 15 /-</u>	2017250679	2020432238
			2017287529	2017287529	<u>B03B 5 /-</u>
			2020256448	<u>A61P 11 /-</u>	2017355407
			<u>B01D 17 /-</u>	2017287529	<u>B03B 7 /-</u>
			2017355407	<u>A61P 13 /-</u>	2017355407
			<u>B01D 24 /-</u>	2017287529	<u>B03D 1 /-</u>
			2020256448	2017287529	2017355407
				2020257135	

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B25B 23/-	2021203884	2018315154	2016366549	C12N 9/-	E03D 13/-
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B32B 15/-	2018338411	2021203497	2019374439	2018399610	E04F 17/-
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2021203391	<u>G01C 11 /-</u>	2021203799	2021212056	<u>H04M 11 /-</u>
<u>F16K 7 /-</u>	2018334389	2021204774	<u>G16H 40 /-</u>	2017285019
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2021201829	2020218818	<u>G05B 23 /-</u>	2021212056	<u>H04N 13 /-</u>
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2021205109	2019203635	<u>G05D 1 /-</u>	2021204175	<u>H04N 19 /-</u>
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2021201829	2019210207	2020226154	2021202812	2020238601
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2018202478	2018399610	2019236628	2021205109	<u>H04W 72 /-</u>
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2020228790	2016330398	<u>G06F 21 /-</u>	<u>H01R 33 /-</u>	2020210990
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2018337476	2021212125	2019293104	<u>H02J 3 /-</u>	<u>H05B 6 /-</u>
2019243004	<u>G01T 7 /-</u>	<u>G06F 3 /-</u>	2018355031	2020211630
<u>F25D 19 /-</u>	2019210207	2017431769	<u>H02J 7 /-</u>	<u>H05G 1 /-</u>
2018337476	<u>G02B 1 /-</u>	<u>G06F 9 /-</u>	2018355031	2018311287
<u>F25D 21 /-</u>	2020392315	2017349752	<u>H02J 9 /-</u>	
2019243004	<u>G02B 21 /-</u>	<u>G06Q 20 /-</u>	2018355031	
<u>F25D 23 /-</u>	2017260192	2017361132	<u>H02M 7 /-</u>	
2018337476	<u>G02B 27 /-</u>	<u>G06Q 40 /-</u>	2020214609	
2020211630	2018334389	2017361132	<u>H03M 13 /-</u>	
2020264346	2021229224	<u>G06Q 50 /-</u>	2018288953	
<u>F25D 25 /-</u>	<u>G02B 5 /-</u>	2019293104	<u>H04L 1 /-</u>	
2018337476	2020392315	<u>G06T 19 /-</u>	2020206957	
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<u>F41B 15 /-</u>	2018244271	2021204774	<u>H04L 47 /-</u>	
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) DAIP Pty. Ltd.
 (11) AU-B-2022100090
 (21) 2022100090 (22) 06.07.2022
 (54) ROLLER COVER FOR TRAY BACK VEHICLE
 (51) Int. Cl.
B60J 7/06 (2006.01)
 (45) 10.11.2022
 (62) 2022200287
 (72) AIMAQ, Masood; DOST, Omer
 (74) mdp Patent and Trade Mark Attorneys

(71) DAIP Pty. Ltd.
 (11) AU-B-2022100091
 (21) 2022100091 (22) 06.07.2022
 (54) ROLLER COVER FOR TRAY BACK VEHICLE
 (51) Int. Cl.
B60J 7/06 (2006.01)
 (45) 10.11.2022
 (62) 2022200287
 (72) AIMAQ, Masood; DOST, Omer
 (74) mdp Patent and Trade Mark Attorneys

(71) Gooden, A.
 (11) AU-B-2015100284
 (21) 2015100284 (22) 06.03.2015
 (54) Flexible blind with rigid panel
 (51) Int. Cl.
B60J 1/20 (2006.01)
 (45) 10.11.2022
 (72) Gooden, Andrew Laurence
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) PakPot Pty Ltd
 (11) AU-B-2021103454
 (21) 2021103454 (22) 18.06.2021
 (54) Method of Applying a Label to a Container and a Container produced by said method
 (51) Int. Cl.
B29C 45/17 (2006.01)
B29C 45/00 (2006.01)
B29C 45/14 (2006.01)
B65D 1/26 (2006.01)
B65C 3/06 (2006.01)
B29L 31/00 (2006.01)
 (45) 10.11.2022
 (62) 2020100979
 (72) Matto, Joe
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) SDIP Holdings Pty Ltd
 (11) AU-B-2021100637
 (21) 2021100637 (22) 02.02.2021
 (54) BLEPHAROMETRIC MONITORING SYSTEM FOR A VEHICLE WHICH

PROVIDES USER-CUSTOMISED ANALYSIS
 (51) Int. Cl.
A61B 5/18 (2006.01)
A61B 3/113 (2006.01)
A61B 5/11 (2006.01)
A61B 5/16 (2006.01)
A61M 21/00 (2006.01)
G06K 9/62 (2006.01)
G16H 50/20 (2018.01)
 (45) 10.11.2022
 (62) PCT/AU2019/051157
 (72) Coles, Scott; Morgan, Trefor
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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2021100637 SDIP Holdings Pty Ltd
2021103454 PakPot Pty Ltd
2022100090 DAIP Pty. Ltd.
2022100091 DAIP Pty. Ltd.

IPC Index

A61B 3 /-

2021100637

A61B 5 /-

2021100637

A61M 21 /-

2021100637

B29C 45 /-

2021103454

B29L 31 /-

2021103454

B60J 1 /-

2015100284

B60J 7 /-

2022100090

2022100091

B65C 3 /-

2021103454

B65D 1 /-

2021103454

G06K 9 /-

2021100637

G16H 50 /-

2021100637

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021338584 **EGL Water PTY LTD** (OPEC Remediation Technologies Pty Limited)

Patents Granted

Standard Patents

2014277667	2015261682	2015358427	2016222887
2016225179	2016231296	2016253590	2016262168
2016269730	2016282082	2016289523	2016290214
2016302392	2016305490	2016312177	2016314143
2016315025	2016315584	2016317043	2016318163
2016323831	2016327573	2016331079	2016332903
2016338785	2016343299	2016349913	2016353091
2016354667	2016362830	2016363011	2016365400
2016366505	2016367206	2016367708	2016376008
2016380160	2016386336	2016386338	2016387188
2016390427	2016394860	2016400021	2016407341
2016425830	2016428463	2016428816	2016432004
2016434385	2017201610	2017201993	2017203085
2017203140	2017207190	2017208117	2017210744
2017214327	2017219901	2017222125	2017225911
2017230150	2017230737	2017232582	2017234372
2017240233	2017243430	2017245439	2017246241
2017247940	2017250769	2017252183	2017261492
2017266410	2017267087	2017268675	2017277636
2017278413	2017280012	2017280203	2017281204
2017281406	2017281696	2017283710	2017286800
2017290556	2017290706	2017292917	2017293442
2017294760	2017295317	2017297124	2017299466
2017301435	2017301556	2017301890	2017301918
2017302241	2017306044	2017311400	2017311631
2017312447	2017314185	2017321192	2017327825
2017328807	2017330326	2017331439	2017332127
2017335756	2017336262	2017337056	2017337492
2017339726	2017340401	2017342436	2017353305
2017353588	2017357764	2017360942	2017363614
2017371179	2017373837	2017382362	2017385607
2017386417	2017388573	2017394923	2017395092
2017397390	2017405700	2017412612	2017413929
2018200255	2018203513	2018205400	2018206271
2018206479	2018208461	2018210354	2018212009
2018212530	2018212836	2018213634	2018216424
2018217437	2018220496	2018221427	2018224365
2018225539	2018227538	2018228369	2018229926
2018231120	2018235015	2018239358	2018240031
2018240114	2018247224	2018254263	2018257929
2018258338	2018261354	2018262438	2018270075
2018270111	2018273485	2018274608	2018279083
2018280956	2018284829	2018285677	2018291687
2018293208	2018298849	2018301681	2018307660
2018308937	2018316254	2018329359	2018330191
2018336785	2018352855	2018353759	2018369853
2018378517	2018385130	2018397668	2018400897
2018413298	2018417653	2018420624	2018421489
2018421605	2018423679	2018435277	2018439003
2018441779	2018444181	2018451357	2018453791
2019204825	2019205416	2019219525	2019220323
2019229971	2019231690	2019243005	2019248665
2019257152	2019268562	2019268990	2019270631
2019270921	2019274409	2019274665	2019279177
2019281558	2019282526	2019284481	2019285891
2019287212	2019294490	2019295794	2019299671
2019305159	2019311445	2019312949	2019313721
2019315487	2019316452	2019319095	2019320770
2019321267	2019321424	2019321669	2019322630

Patents Granted

Standard Patents

2019323663	2019327091	2019327340	2019328966
2019328988	2019330737	2019331501	2019332549
2019333255	2019335843	2019337286	2019338065
2019338432	2019340410	2019340961	2019342158
2019346610	2019350100	2019350701	2019355967
2019356224	2019358161	2019362348	2019362756
2019371078	2019371079	2019371080	2019371232
2019371616	2019372222	2019372223	2019375738
2019378614	2019380408	2019384537	2019386038
2019386432	2019386451	2019393724	2019397569
2019400151	2019406818	2019414301	2019418577
2019419075	2019421824	2019422797	2019423879
2019428456	2019448601	2019470693	2020200623
2020200672	2020201813	2020201856	2020202254
2020202335	2020202622	2020203267	2020203313
2020203362	2020203614	2020204332	2020204528
2020205179	2020210165	2020213386	2020217391
2020217407	2020219372	2020220131	2020220211
2020226042	2020227039	2020230320	2020230349
2020239622	2020239719	2020239721	2020244417
2020244510	2020250209	2020250216	2020250294
2020253023	2020256298	2020256428	2020257159
2020260402	2020264317	2020264414	2020264415
2020264416	2020267484	2020268524	2020270467
2020273278	2020273320	2020277183	2020277205
2020280995	2020280996	2020281102	2020286222
2020286299	2020289767	2020289778	2020289785
2020289848	2020294198	2020294241	2020323956
2020331566	2020340919	2020372607	2020386375
2020387494	2020390520	2020403708	2020403709
2020458189	2021200786	2021200843	2021200912
2021200937	2021200970	2021201099	2021201120
2021201145	2021201286	2021201393	2021201493
2021201500	2021201527	2021202049	2021202302
2021202309	2021202422	2021202484	2021202525
2021202746	2021202756	2021203047	2021203607
2021203657	2021203671	2021203681	2021203784
2021203989	2021204094	2021204525	2021206813
2021212110	2021215110	2021221393	2021221501
2021257914	2021261845	2021296595	2021304543
2021323385	2022200192	2022200920	2022202150
2022202339	2022202791	2022203531	2022203622
2022203634			

Innovation Patents

2018102245 2022100146 2022100147

Assignments Registered

2002347501 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2003208396 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2003275100 UPL Limited The patent has been assigned to **UPL Limited, Mauritius**

2004286209 Genscape Intangible Holding, Inc. The patent has been assigned to **Genscape, Inc.**

2005201272 Bierwith, Robert The patent has been assigned to **CR Mining Equipment (USA) LLC**

2005201274 Bierwith, Robert The patent has been assigned to **CR Mining Equipment (USA) LLC**

2005236501 Tabcorp International Pty Ltd The patent has been assigned to **Tatts Keno Holdings Pty Ltd**

Assignments Registered

2005266320 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2005330673 Genscape Intangible Holding, Inc. The patent has been assigned to **Genscape, Inc.**

2006235668 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2006301386 Inversiones Yuste, S.A. The patent has been assigned to **OptiPave, LLC**

2006323486 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2006343808 MethylGene Inc. The patent has been assigned to **Mirati Therapeutics, Inc.**

2007204296 Suez Environnement The patent has been assigned to **Suez International**

2008279539 UPL Limited The patent has been assigned to **UPL Limited, Mauritius**

2008282352 Jennison Ice LLC The patent has been assigned to **DGW Technologies, LLC**

2008290427 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2008293038 MethylGene Inc. The patent has been assigned to **Mirati Therapeutics, Inc.**

2009251045 Bierwith, Robert The patent has been assigned to **CR Mining Equipment (USA) LLC**

2009274832 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2009290129 Visser, Darren The patent has been assigned to **STIP Pty Ltd**

2009305251 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2010248488 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2010347354 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2011204490 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2011210967 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2011210968 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2012217632 Genscape Intangible Holding, Inc. The patent has been assigned to **Genscape, Inc.**

2012223240 Genscape Intangible Holding, Inc. The patent has been assigned to **Genscape, Inc.**

2012288595 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2013221010 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

Assignments Registered

2013226812 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2013234818 New Steel S.A. The patent has been assigned to **Vale S.A.**

2013287626 Meiji Seika Pharma Co., Ltd. The patent has been assigned to **MMAG Co., Ltd**

2014268636 Bierwith, Robert The patent has been assigned to **CR Mining Equipment (USA) LLC**

2014281919 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2014281920 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2014303356 Astellas Pharma Inc. The patent has been assigned to **Upstream Bio, Inc.**

2014307915 PlantResponse Biotech, S.L.; Consejo Superior de Investigaciones Cientificas The patent has been assigned to **Consejo Superior de Investigaciones Cientificas; Plant Response, Inc.**

2014328888 Broadhurst, Robert The patent has been assigned to **BULLY BOY BOLLARDS LIMITED**

2014364214 Bioelectrics LLC The patent has been assigned to **Jodi Ventures, Inc.**

2014369737 Universidad Politecnica de Madrid; PlantResponse Biotech, S.L. The patent has been assigned to **Universidad Politecnica de Madrid; Plant Response, Inc.**

2015262084 IHC Holland IE B.V. The patent has been assigned to **IHC IQIP Holding B.V.**

2015279586 Bierwith, Robert The patent has been assigned to **CR Mining Equipment (USA) LLC**

2015329778 ReViral Limited The patent has been assigned to **Pfizer Inc.**

2015330629 New Steel S.A. The patent has been assigned to **Vale S.A.**

2016218961 New Steel S.A. The patent has been assigned to **Vale S.A.**

2016221585 Sipcam Inagra, S.A. The patent has been assigned to **SOFBEY S.A**

2016228434 Sasol Wax GmbH The patent has been assigned to **Sasol Germany GmbH**

2016267389 Linfox Armaguard Pty Ltd The patent has been assigned to **Integrated Technology Services IP Pty Ltd**

2016278859 EyeVerify Inc. The patent has been assigned to **JU-MIO CORPORATION**

2016319775 EyeVerify Inc. The patent has been assigned to **JU-MIO CORPORATION**

2016369400 SUEZ Groupe The patent has been assigned to **Suez International**

2017202002 New Steel S.A. The patent has been assigned to **Vale S.A.**

2017277731 CureVac AG The patent has been assigned to **Cure-Vac SE**

Assignments Registered

2017316567 Sheldon-Coulson, Garth; Moffat, Brian The patent has been assigned to **Lone Gull Holdings, Ltd.**

2018100258 RBH Engineering Pty Ltd The patent has been assigned to **Turret IP Pty Ltd**

2018100309 RBH Engineering Pty Ltd The patent has been assigned to **Turret IP Pty Ltd**

2018213967 PlantResponse Biotech, S.L.; Consejo Superior de Investigaciones Cientificas The patent has been assigned to **Consejo Superior de Investigaciones Cientificas; Plant Response, Inc.**

2018247216 EyeVerify Inc. The patent has been assigned to **JU-MIO CORPORATION**

2018256555 EyeVerify Inc. The patent has been assigned to **JU-MIO CORPORATION**

2018274842 PlantResponse Biotech, S.L.; Universidad Politecnica de Madrid The patent has been assigned to **Universidad Politecnica de Madrid; Plant Response, Inc.**

2018381053 Sasol Wax GmbH The patent has been assigned to **Sasol Germany GmbH**

2019200642 EyeVerify Inc. The patent has been assigned to **JU-MIO CORPORATION**

2019204639 EyeVerify Inc. The patent has been assigned to **JU-MIO CORPORATION**

2019240672 Fusion Holdings Limited The patent has been assigned to **Games Global Operations Limited**

2020267316 Hunt Perovskite Technologies, L.L.P. The patent has been assigned to **CubicPV Inc.**

2021103662 Krelle, Simon Mark The patent has been assigned to **Panther PE Tools Pty Ltd**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2004207706 **Takeda Pharmaceutical Company Limited**

The earliest first regulatory approval date provided by the patentee 06 Sep 2022

For the goods RYEQO relugolix

Applications Accepted

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2003209447 **Immunomedics, Inc.**

The earliest first regulatory approval date provided by the patentee 06 Sep 2021

For the goods TRODELVY sacituzumab govitecan

Address for service : FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018241103 **Sun Pharmaceutical Industries Limited**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods YONSA MPRED abiraterone acetate

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions granted

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

2009229204 **AstraZeneca AB; Array Biopharma, Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2021

For the goods KOSELUGO selumetinib

Extension of Term of patent pursuant to Section 77 expires on 26 Mar 2034

2011216095 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 17 Jan 2022

For the goods VAXNEUVANCE Pneumococcal 15-valent Conjugate Vaccine

Extension of Term of patent pursuant to Section 77 expires on 03 Feb 2036

2014259719 **AnaptysBio, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Feb 2022

For the goods JEMPERLI dostarlimab

Extension of Term of patent pursuant to Section 77 expires on 17 Feb 2037

2016308262 **Astrazeneca AB**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

Extension of Term of patent pursuant to Section 77 expires on 29 Mar 2037

Corrigenda

In Vol 36 , No 3 , Page(s) 319 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name iCahn School of Medicine at Mount Sinai, Application No. 2020282347, under INID (71) add the applicant name, Monogram Orthopaedics Inc.

In Vol 36 , No 41 , Page(s) 5738 under the heading **Applications Accepted - Name Index** Under the name iCahn School of Medicine at Mount Sinai, Application No. 2020282347, under INID (71) add the applicant name, Monogram Orthopaedics Inc.

In Vol 36 , No 42 , Page(s) 5812 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name baseclick GmbH, Application No. 2021238777, under INID (54) correct the title to read Modified mRNAs for vaccine development

In Vol 36 , No 44 , Page(s) 6029 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2020** Delete all reference to 2020294273.

Corrigenda

In Vol 36 , No 44 , Page(s) 6029 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2022** Delete all reference to 2022211833.

In Vol 36 , No 44 , Page(s) 6030 under the heading **Amendments - Application for Amendments** Under the name GENEVANT SCIENCES GMBH, Application No. 2014296278 correct the date of the statements filed to read 12 October 2022, 21 October 2022

In Vol 36 , No 44 , Page(s) 6031 under the heading **Amendments - Application for Amendments** Under the name Sd Chem, Inc., Patent No. 2019428193 correct the date of the statements to read 09 Sep 2022 and 15 Sep 2022

In Vol 36 , No 44 , Page(s) 6071 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bard Peripheral Vascular, Inc., Application No. 2020441472, under INID (54) correct the title to read Systems and methods for using a multi-probe integrated electrothermal modules (ETMs) device for tumor ablation

In Vol 36 , No 44 , Page(s) 6093 under the heading **PCT applications that have entered the National Phase - Name Index** Under the Name National Cancer Center Japan, Application No. 2021246398, under INID (71) correct the applicant name to National Cancer Center.

Specifications Republished

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

2017294925 **Hürlimann Railtec AG**
2021201710 **NBE-Therapeutics AG**