



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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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.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Accenture Global Solutions Limited [2022] APO 18

Patent Application: 2019203758

Title: AUTOMATIC ANALYSIS OF A SET OF SYSTEMS USED TO IMPLEMENT A PROCESS

Patent Applicant: Accenture Global Solutions Limited

Delegate: Dr W.E. Guinea

Decision Date: 24 March 2022

Hearing Date: Written submissions filed 23 February 2022

Catchwords: **PATENTS** – standard patent – Examiner objections – manner of manufacture – substance of the invention resides in a scheme for error analysis and the facilitation of fixing errors – all claims lack a manner of manufacture – no patentable subject matter in application – application refused.

Representation: Patent attorney for the applicant: Murray Trento & Associates Pty Ltd
Attorneys

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Accenture Global Solutions Limited* [2022] APO 19**

Patent Application: 2019203168

Title: METADATA-DRIVEN PROGRAM CODE GENERATION FOR CLINICAL DATA ANALYSIS

Patent Applicant: Accenture Global Solutions Limited

Delegate: Felix White

Decision Date: 25 March 2022

Hearing Date: Written submissions filed on 13 December 2021

Catchwords: **PATENTS** – section 45 – examiner’s objections – analysis of clinical trial data - whether invention is manner of manufacture – consideration of substance of the invention – substance is procedural generation of software code or preparation of software code in advance - no patentable subject matter identified in specification – application refused

Representation: Patent attorney for the applicant: Murray Trento & Associates

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***RYW Holdings Pty Ltd* [2022] APO 20**

Patent Application: 2019284145

Title: Waste Management and Processing System

Patent Applicant: RYW Holdings Pty Ltd

Delegate: R Subbarayan

Decision Date: 25 March 2022

Hearing Date: Written submissions filed on 18 October 2021

Catchwords: **PATENTS** – examiner’s objections – manner of manufacture – inventive step – manner of manner objection cannot be maintained – lack of inventive step objection cannot be maintained – application remitted back to examination for further searching – application to proceed to acceptance if no new prior art found

Representation: Patent attorney for the applicant: Wallington-Dummer

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Accenture Global Solutions Limited [2022] APO 22

Patent Application: 2019261750

Title: SEAMLESS MANAGEMENT OF CONNECTED ENVIRONMENTS

Patent Applicant: Accenture Global Solutions Limited

Delegate: Dr W.E. Guinea

Decision Date: 29 March 2022

Hearing Date: Written submissions filed 23 February 2022

Catchwords: **PATENTS** – standard patent – examiner objections – manner of manufacture – substance of the invention resides in a tour management scheme providing for revision of the tour service based on certain events, with the revision including presentation of content in a different format and in a different order – all claims lack a manner of manufacture – no patentable subject matter in application – application refused.

Representation: Patent attorney for the applicant: Murray Trento & Associates Pty Ltd

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Accenture Global Solutions Limited [2022] APO 23

Patent Application: 2018250365

Title: **HARDWARE BLOCKCHAIN CORRECTIVE CONSENSUS
OPERATING PROCEDURE ENFORCEMENT**

Patent Applicant: Accenture Global Solutions Limited

Delegate: Tim Gillett

Decision Date: 29 March 2022

Hearing Date: Written submissions filed on 8 January 2021 and 28 January 2022

Catchwords: **PATENTS** – section 45 – examiner’s objection - manner of manufacture –
blockchain – managing insurance on blockchain – alleged invention not a
manner of manufacture – contractual terms – efficient conduct of business –
no patentable subject matter in application – application refused

Representation: Patent attorney for the Applicant: Murray Trento & Associates Pty Ltd

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Stramit Corporation Pty Limited v Bluescope Steel Limited [2022] APO 21

Patent Application: 2015234361

Title: A Cladding Sheet

Patent Applicant: Bluescope Steel Limited

Opponent: Stramit Corporation Pty Limited

Delegate: R Subbarayan

Decision Date: 28 March 2022

Hearing Date: Written submissions completed on 31 March 2021

Catchwords: **PATENTS** – opposition under section 104 – allowability under subsections 102(1) and 102(2) considered – whether the amendments extend beyond the disclosure as filed – whether the amended claims fall within the scope of the claims before amendment - whether the amended claims are not supported or not clear – amendments not allowable – cost awarded against the Applicant

Representation: Patent attorney for the Applicant: Wrays Pty Ltd
Patent attorney for the Opponent: Phillips Ormonde Fitzpatrick

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Mar 2022 .

<hr/> <p>(71) 3 AIM IP PTY LTD (21) 2022900760 (22) 25.03.2022 (54) PHYSIOLOGICAL PARAMETER SENSING SYSTEMS AND METHODS</p> <hr/> <p>(71) ALLEN, B. (21) 2022900754 (22) 25.03.2022 (54) A NAPPY APPLICATOR</p> <hr/> <p>Amuri, Z. see NReach (21) 2022900768</p> <hr/> <p>(71) AQUATAIN TECHNOLOGIES PTY LTD (21) 2022900774 (22) 28.03.2022 (54) COMPOSITION AND PROCESS FOR REMOVING RADIONUCLIDES FROM WATER</p> <hr/> <p>(71) Attey, G. (21) 2022900707 (22) 21.03.2022 (54) IMPROVEMENTS IN STRINGED MUSICAL INSTRUMENTS, DRUMS AND BANJO BRIDGES</p> <hr/> <p>(71) Australian Valve Group Pty Ltd (21) 2022900764 (22) 25.03.2022 (54) VALVE CARTRIDGE, VALVE CARTRIDGE KIT, VALVE INCORPORATING A VALVE CARTRIDGE OR VALVE CARTRIDGE KIT AND A METHOD OF ASSEMBLING A VALVE</p> <hr/> <p>(71) Barreiro, M. (21) 2022900726 (22) 23.03.2022 (54) FACE MASK</p> <hr/> <p>(71) BHP Innovation Pty Ltd (21) 2022900749 (22) 24.03.2022 (54) Leaching Process</p> <hr/>	<p>Boyle, N. see Boyle, N. (21) 2022900786</p> <hr/> <p>(71) Boyle, N.; Boyle, N.; Brad, S. (21) 2022900786 (22) 28.03.2022 (54) FOOD WASTE RECYCLING</p> <hr/> <p>Brad, S. see Boyle, N. (21) 2022900786</p> <hr/> <p>(71) Brooks, N.; Hoffensetz, M. (21) 2022900757 (22) 25.03.2022 (54) CUTTING INSERT ASSEMBLY FOR A ROTARY DRILL BIT</p> <hr/> <p>(71) ClerVue Technologies Limited (21) 2022900763 (22) 25.03.2022 (54) A WINDOW UNIT FOR A BUILDING OR STRUCTURE</p> <hr/> <p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022900747 (22) 24.03.2022 (54) OXYGEN ADSORPTION FROM AIR</p> <hr/> <p>(71) ConneC Limited (21) 2022900762 (22) 25.03.2022 (54) A communication assembly for an electrical connection system</p> <hr/> <p>(71) Coremax Limited (21) 2022900723 (22) 23.03.2022 (54) CORE SAMPLE INNER TUBE JOINT AND SYSTEM</p> <hr/> <p>(71) Crimmins, B.; Siemianow, J. (21) 2022900743 (22) 24.03.2022 (54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR ANALYSING DOCUMENTS TO DETERMINE ANOMALIES</p> <hr/>	<p>(71) Cripps Clark, J. (21) 2022900696 (22) 21.03.2022 (54) AuBotIntX (AUtonomous roBOts referring to Intermittent eXternals): Devices, architectures and methods implementing autonomous monitoring, search, robotic and/or transport systems with less reliance on wide area networks. Includes functions and data model enabling robust higher capability use of informative landscapes (analogue/digital signals, measures and/or visuals) to make vehicular robotics safely available to a wider range of different applications including in remote, less accessible or disaster areas where networking might not be reliable or non-existent and/or where charging is needed</p> <hr/> <p>(71) Cripps Clark, J. (21) 2022900769 (22) 27.03.2022 (54) Shyny: Devices, architectures and methods able to be employed with less reliance on wide area networks for implementing outputs using strategies and environmental information to reduce the visibility of autonomous vehicles.</p> <hr/> <p>(71) Cripps Clark, J. (21) 2022900770 (22) 27.03.2022 (54) ECool : system, methods and device for cooperative energy relationships including OEM, agent or supplier offered targeted consumer load shedding and resumption, new energy sources, appliance switching services (eg AC), consumers own supply (eg electric vehicles) and participation in supply eco-social transactions. Appropriate to needs including fail-safety, the data model is expandable with maintenance split between implementing enterprise/s (safe operation design with appropriate test, audit) and the individual customer (configuration of supplier designed tables including formats forreporting</p> <hr/>
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Provisional Applications Filed - Name Index cont'd

(71) Cumpson, P.; Foster, M.
(21) 2022900767 (22) 26.03.2022
(54) Location device

(71) de la Motte, L.
(21) 2022900773 (22) 28.03.2022
(54) Text input method

(71) Di Varo, J.
(21) 2022900771 (22) 27.03.2022
(54) Underbrim Art on baseball cap, coinciding with artist on front panel

(71) Douglas Pharmaceuticals Ltd
(21) 2022900759 (22) 25.03.2022
(54) Improved thiopurine formulation and treatment methods

(71) FJW Smik
(21) 2022900718 (22) 22.03.2022
(54) Process of scribing fillers for joinery.

Foster, M. see Cumpson, P.
(21) 2022900767

(71) FRANKIE4 IP 1 Pty Ltd
(21) 2022900790 (22) 29.03.2022
(54) A Footbed & System for Placement of Footbed accessories

(71) GenieUs Genomics Pty Ltd
(21) 2022900739 (22) 24.03.2022
(54) MARK2 inhibitors

Gileno, L. see Gileno, D.
(21) 2022900780

(71) Gileno, D.; Gileno, L.
(21) 2022900780 (22) 28.03.2022
(54) A BUILDING THAT RISES WITH FLOOD WATERS

(71) Glennon, R.
(21) 2022900734 (22) 23.03.2022
(54) Vegan Kebab

Hoffensetz, M. see Brooks, N.
(21) 2022900757

(71) Holloh
(21) 2022900721 (22) 23.03.2022
(54) Annular Rebound Wave Pool

(71) HOPE, G.
(21) 2022900782 (22) 28.03.2022
(54) SOLAR TRACKER SYSTEM

(71) Interpack Pty Ltd
(21) 2022900779 (22) 28.03.2022
(54) Bottle closure, system, and related method

(71) Lindmill Pty Ltd
(21) 2022900788 (22) 29.03.2022
(54) Negative Carbon Cryptocurrency

(71) LMS Energy Pty Ltd
(21) 2022900719 (22) 22.03.2022
(54) WASTEWATER EVAPORATOR

(71) Lunt, D.
(21) 2022900758 (22) 25.03.2022
(54) Tubeless tyre beading apparatus and methods

(71) MacGillivray, D.
(21) 2022900744 (22) 24.03.2022
(54) Training Aid

(71) MacGregor, F.
(21) 2022900724 (22) 23.03.2022
(54) An Illuminated Lead or Cable

(71) Madden, I.
(21) 2022900755 (22) 25.03.2022
(54) PRODUCE HANDLING EQUIPMENT

(71) Made Innovations Pty Ltd
(21) 2022900720 (22) 22.03.2022
(54) Food processes and products

(71) Miszkurka, W.
(21) 2022900736 (22) 23.03.2022
(54) HemoreX – internal hemorrhoids treatment medical apparatus

(71) MITCHELL, P.
(21) 2022900777 (22) 28.03.2022
(54) SYSTEM AND METHOD FOR FACILITATING DRIVERS IN FOREIGN COUNTRIES

(71) Mohan, D.P.
(21) 2022900772 (22) 27.03.2022
(54) FEET TRACKING DEVICE FITTED WITH A MECHANISM RUN BY SPHERICAL BALLS AND NON-CONTACTING OPTICAL IMAGING SYSTEM TO RELAY CHANGES IN IMAGE TEXTURE, COLOUR, OR CHARACTERISTICS TO AN ELECTRONIC MEDIUM, ENABLING MOVEMENT OR INPUT IN VIRTUAL OR AUGMENTED REALITY.

(71) Momentum Concepts Pty Ltd
(21) 2022900778 (22) 28.03.2022
(54) AN ASSEMBLY FOR COUPLING ITEMS

(71) Mount Enterprises Pty Ltd
(21) 2022900733 (22) 23.03.2022
(54) SYSTEMS & METHODS FOR DEVICE CONTENT PRIVACY

(71) MULTIVENTURE INDUSTRIES PTY LTD
(21) 2022900708 (22) 21.03.2022
(54) Body Dryer

(71) Mutuma, T.
(21) 2022900753 (22) 25.03.2022
(54) Pillow

(71) NewSouth Innovations Pty Limited
(21) 2022900741 (22) 24.03.2022
(54) Systems and methods for reducing effect of high energy radiation on solid state quantum processors

(71) NewSouth Innovations Pty Limited
(21) 2022900745 (22) 24.03.2022
(54) Synthesis and Drug Delivery Applications of Nanosheets

(71) NReach; Amuri, Z.
(21) 2022900768 (22) 27.03.2022
(54) hospital patient communication and translation system and food ordering system

(71) O'Connell, M.
(21) 2022900781 (22) 28.03.2022
(54) Power tool stand

(71) Octavian & Desmond PTY LTD
(21) 2022900722 (22) 23.03.2022
(54) An ayahuasca alkaloid composition and use thereof

(71) Pathfinder Australia Pty Ltd
(21) 2022900748 (22) 24.03.2022
(54) A fabric spreading machine

(71) Pestsense Holdings Pty Ltd
(21) 2022900765 (22) 26.03.2022
(54) Animal Trap Monitoring System

(71) PYC Therapeutics Limited
(21) 2022900727 (22) 23.03.2022
(54) METHODS OF TREATING GLAUCOMA

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(71) Repeller Pty Ltd
(21) 2022900746 (22) 24.03.2022
(54) Anti-Mollusc Composition (5)

(71) Robust Consulting Engineers Pty Ltd
(21) 2022900752 (22) 25.03.2022
(54) Keyed Ballast System for Solar

(71) Roman Rituals
(21) 2022900766 (22) 26.03.2022
(54) Ingredients and method for making Roman Rituals Intense Hair Elixir

(71) Rowatt, E.
(21) 2022900730 (22) 23.03.2022
(54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR FACILITATING TRACKING OF DISCRETIONARY SPENDING

(71) SABRN Tech Pty Ltd
(21) 2022900756 (22) 25.03.2022
(54) PERSONNEL TRANSPORTATION POD

(71) Samson Coffee House Pty Ltd
(21) 2022900705 (22) 21.03.2022
(54) APPARATUS FOR BREWING FILTER COFFEE

(71) shahmoradimoghadam, F.
(21) 2022900775 (22) 28.03.2022
(54) Sue Insurance

Siemianow, J. see Crimmins, B.
(21) 2022900743

(71) Smart Counters Pty Ltd
(21) 2022900742 (22) 24.03.2022
(54) Recyclate counting apparatus

(71) Starburst Global Holdings Limited Nevis
(21) 2022900731 (22) 23.03.2022
(54) A Water Decontamination Device

(71) Subcon Technologies Pty Ltd
(21) 2022900735 (22) 23.03.2022
(54) A module for an artificial reef arrangement

(71) Tape-Pro Drywall Tools Pty Limited
(21) 2022900784 (22) 28.03.2022
(54) AN IMPROVED ROLLER FOR USE IN PLASTERBOARD FINISHING

(71) TECHNOBAKE PTY LTD
(21) 2022900737 (22) 24.03.2022
(54) Method of Terminating and Sealing Teflon Tube

(71) TECHNOBAKE PTY LTD
(21) 2022900738 (22) 24.03.2022
(54) Method of detecting earth leakage using Tell-tale device

(71) Technological Resources Pty. Limited
(21) 2022900785 (22) 28.03.2022
(54) BUILDING DISPATCH STOCKPILES WITH REQUISITE CHEMICAL COMPONENT COMPOSITIONS

(71) The Flinders University of South Australia
(21) 2022900751 (22) 25.03.2022
(54) Methods of Treatment with VITT Antibody Motifs and Uses Thereof

(71) The University of Melbourne
(21) 2022900729 (22) 23.03.2022
(54) Coronavirus vaccination regimen (2)

(71) The University of Melbourne
(21) 2022900732 (22) 23.03.2022
(54) NEUTRALISING ANTIBODIES AND USES THEREOF

(71) The University of Queensland
(21) 2022900699 (22) 21.03.2022
(54) Methods for gene amplification

(71) The University of Sydney
(21) 2022900740 (22) 24.03.2022
(54) Hydrogen production

(71) UAM Tec Pty Ltd
(21) 2022900761 (22) 25.03.2022
(54) AN AUTOMATIC VISUAL ANALYSER AND METHOD AND SYSTEM FOR VISUAL ANALYSIS OF CONFINED PATHWAYS

(71) Vater, L.
(21) 2022900728 (22) 23.03.2022
(54) A BUILDING ARRANGEMENT AND A METHOD OF CONSTRUCTION THEREOF

(71) VIBFEM PTY LTD
(21) 2022900750 (22) 24.03.2022
(54) Bucket wheel reclaimer sliding wall modifications

(71) Walker, F.
(21) 2022900700 (22) 21.03.2022
(54) Internal Combustion Engine

(71) WE TEST PTY LTD
(21) 2022900776 (22) 28.03.2022
(54) DEVICE FOR TESTING THE SENSITIVITY OF ENDOCANNABINOID SYSTEM RECEPTORS

(71) Woodside Energy Technologies Pty Ltd
(21) 2022900783 (22) 28.03.2022
(54) FIRE SUPPRESSION SYSTEM AND METHOD

(71) Xenexus Pharmaceuticals Pty. Ltd.
(21) 2022900725 (22) 23.03.2022
(54) Treatment of non-alcoholic steatohepatitis with a multifunctional drug

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2022900696	Cripps Clark, J.	2022900779	Interpack Pty Ltd
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2022900726	Barreiro, M.		
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2022900728	Vater, L.		
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2022900743	Crimmins, B.; Siemianow, J.		
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2022900752	Robust Consulting Engineers Pty Ltd		
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2022900755	Madden, I.		
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2022900768	NReach; Amuri, Z.		
2022900769	Cripps Clark, J.		
2022900770	Cripps Clark, J.		
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2022900776	WE TEST PTY LTD		
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Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 22 Mar 2022 .

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

(71) 360 Knee Systems Pty Ltd
 (21) 2022202026 (22) 23.03.2022
 (54) Graphical representation of a dynamic knee score for a knee surgery
 (62) 2016411801

(71) Accenture Global Solutions Limited
 (21) 2022201870 (22) 17.03.2022
 (54) FEW-SHOT LEARNING FOR MULTI-TASK RECOMMENDATION SYSTEMS
 (31) 63/164,152 (32) 22.03.21 (33) US

(71) Accenture Global Solutions Limited
 (21) 2022201871 (22) 17.03.2022
 (54) EARLY PATTERN DETECTION IN DATA FOR IMPROVED ENTERPRISE OPERATIONS
 (31) 63/164,159 (32) 22.03.21 (33) US

(71) Accenture Global Solutions Limited
 (21) 2022201903 (22) 18.03.2022
 (54) AUTOMATED ACCOUNT MAINTENANCE AND FRAUD MITIGATION TOOL
 (31) 202141012538 (32) 23.03.21 (33) IN

(71) Accenture Global Solutions Limited
 (21) 2022201968 (22) 22.03.2022
 (54) PRIVACY-SECURE EDGE-ZONE COMPUTING FOR SECURE-OPERATION AUTHORIZATION
 (62) 2020230240

(71) Aché Laboratórios Farmacêuticos S.A.
 (21) 2022201835 (22) 16.03.2022
 (54) Plant extracts enriched with ipolamiide derivatives as immunosuppressants for treating immunological disorders
 (62) 2018221956

(71) Advanced Elite International Pty. Ltd.
 (21) 2022201805 (22) 16.03.2022
 (54) CONTAINER ASSEMBLY HAVING LOCKING STRUCTURE

(71) Agenus Inc.; Ludwig Institute For Cancer Research Ltd.; Memorial Sloan-Kettering Cancer Center
 (21) 2022201791 (22) 15.03.2022
 (54) Anti-OX40 antibodies and methods of use thereof
 (62) 2016256911

Agenus Inc. see The Board of Regents of the University of Oklahoma
 (21) 2022201998

(71) AgriGate Australia Pty Ltd
 (21) 2022202067 (22) 25.03.2022
 (54) Storage assembly, method and system of storing a perishable organic liquid

(71) AGRIX IP PTY LTD
 (21) 2022201987 (22) 23.03.2022
 (54) Soil Sample Collection Device

(71) Air Products and Chemicals, Inc.
 (21) 2022201666 (22) 10.03.2022
 (54) PROCESS AND APPARATUS FOR COMPRESSING HYDROGEN GAS IN A CENTRIFUGAL COMPRESSOR
 (31) 17/201,293 (32) 15.03.21 (33) US

(71) Air Products and Chemicals, Inc.
 (21) 2022201667 (22) 10.03.2022
 (54) PROCESS AND APPARATUS FOR COMPRESSING HYDROGEN GAS IN A CENTRIFUGAL COMPRESSOR
 (31) 17/201,399 (32) 15.03.21 (33) US

(71) Air Products and Chemicals, Inc.
 (21) 2022201668 (22) 10.03.2022
 (54) METHOD AND APPARATUS FOR DOSING HYDROGEN IN A CENTRIFUGAL COMPRESSION SYSTEM
 (31) 17/201,337 (32) 15.03.21 (33) US

(71) Alarm.com Incorporated
 (21) 2022201957 (22) 22.03.2022
 (54) SECURITY SYSTEM COMMUNICATOR AND KEYPAD DEVICE
 (62) 2017357080

(71) Alarm.Com Incorporated
 (21) 2022201806 (22) 16.03.2022
 (54) ROBOTIC ASSISTANCE IN SECURITY MONITORING
 (62) 2021269286

(71) Allergan, Inc.
 (21) 2022201879 (22) 18.03.2022
 (54) Microimplants for ocular administration
 (62) 2020203223

(71) Alnylam Pharmaceuticals, Inc.
 (21) 2022201993 (22) 23.03.2022
 (54) Angiopoietin-like 3 (ANGPTL3) iRNA compositions and methods of use thereof
 (62) 2021201547

(71) Apple Inc.
 (21) 2022201810 (22) 16.03.2022
 (54) Media browsing user interface with intelligently selected representative media items
 (62) 2020267396

(71) Apple Inc.
 (21) 2022201823 (22) 16.03.2022
 (54) Systems and methods for displaying aggregated health records
 (62) 2019210192

(71) Apple Inc.
 (21) 2022202044 (22) 24.03.2022
 (54) Content-based tactile outputs
 (62) 2019337519

(71) Applikon Biotechnology B.V.
 (21) 2022201862 (22) 17.03.2022
 (54) 2019322227
 (62) 2019322227

(71) Aristocrat Technologies, Inc.
 (21) 2022201802 (22) 16.03.2022
 (54) THREE-DIMENSIONAL SCREEN FOR GAMING DEVICE
 (31) 17/490,916 (32) 30.09.21 (33) US
 63/161,831 16.03.21 US

(71) Aristocrat Technologies, Inc.
 (21) 2022201803 (22) 16.03.2022
 (54) ZERO-CABLING SCREEN CONNECTION FOR GAMING DEVICE
 (31) 17/490,768 (32) 30.09.21 (33) US
 63/161,831 16.03.21 US

(71) Aristocrat Technologies, Inc.
 (21) 2022201804 (22) 16.03.2022
 (54) SEGMENTED DISPLAY ASSEMBLY FOR GAMING DEVICE
 (31) 17/490,662 (32) 30.09.21 (33) US
 63/161,831 16.03.21 US

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(71) Aristocrat Technologies, Inc.
 (21) 2022201822 (22) 16.03.2022
 (54) INTEGRATED EDGE LIGHTING FOR GAMING DEVICE
 (31) 17/490,954 (32) 30.09.21 (33) US
 63/161,831 16.03.21 US

(71) Aristocrat Technologies, Inc.
 (21) 2022201892 (22) 18.03.2022
 (54) OVERHEAD DISPLAY HAVING CONCENTRIC INNER AND OUTER DISPLAYS AND ASSOCIATED SYSTEMS AND METHODS
 (31) 17/205,786 (32) 18.03.21 (33) US

(71) Aristocrat Technologies, Inc.
 (21) 2022201896 (22) 18.03.2022
 (54) MODULAR BUTTONS FOR A GAMING SYSTEM
 (31) 17/695,308 (32) 15.03.22 (33) US
 63/163,329 19.03.21 US

(71) Aristocrat Technologies, Inc.
 (21) 2022202032 (22) 23.03.2022
 (54) GAMING DEVICE WITH MOBILE WIN SELECTOR
 (31) 17/701,576 (32) 22.03.22 (33) US
 63/165,598 24.03.21 US

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2022202066 (22) 25.03.2022
 (54) A GAMING SYSTEM AND A METHOD OF GAMING
 (62) 2020202117

(71) ArQule, Inc.
 (21) 2022201947 (22) 21.03.2022
 (54) Solid forms of substituted 5,6-dihydro-6-phenylbenzof[isoquinolin-2-amine compounds
 (62) 2016369523

(71) Arrowhead Pharmaceuticals, Inc.
 (21) 2022201807 (22) 16.03.2022
 (54) Organic compositions to treat HSF1-related diseases
 (62) 2019213316

(71) A-SHA REPUBLIC INC.
 (21) 2022201865 (22) 17.03.2022
 (54) METHOD OF MANUFACTURING INSTANT NOODLES

(71) ASSA ABLOY Australia Pty Limited
 (21) 2022201999 (22) 23.03.2022
 (54) ELECTRONIC LOCK SYSTEM WITH MOTION DETECTION
 (31) 2021900866 (32) 24.03.21 (33) AU

(71) Astellas Institute for Regenerative Medicine
 (21) 2022201847 (22) 16.03.2022
 (54) Improved methods of producing RPE cells and compositions of RPE cells
 (62) 2019226198

(71) Astellas Institute for Regenerative Medicine
 (21) 2022201986 (22) 22.03.2022
 (54) Photoreceptors and photoreceptor progenitors produced from pluripotent stem cells
 (62) 2019253874

(71) Automatic Technology (Australia) Pty Ltd
 (21) 2022202012 (22) 23.03.2022
 (54) A system for a lock for a closure, a lock for use with such a system, and a closure system
 (62) 2016273920

(71) AVECHO BIOTECHNOLOGY LIMITED
 (21) 2022201954 (22) 21.03.2022
 (54) PROCESS
 (62) 2017381395

(71) AVERY DENNISON CORPORATION
 (21) 2022202017 (22) 23.03.2022
 (54) Two stage methods for processing adhesives and related compositions
 (62) 2020203584

(71) Bachmann Innovations Pty Limited
 (21) 2022201836 (22) 16.03.2022
 (54) A Drawer
 (62) 2019210616

(71) BASF Plant Science Company GmbH
 (21) 2022202025 (22) 23.03.2022
 (54) Stabilising fatty acid compositions
 (62) 2015344977

(71) Bayer HealthCare LLC
 (21) 2022202007 (22) 23.03.2022
 (54) Single-use disposable set connector
 (62) 2019253887

(71) Becton, Dickinson and Company
 (21) 2022201843 (22) 16.03.2022
 (54) Drive assembly and spacer for drug delivery system
 (62) 2017277770

(71) Becton, Dickinson and Company
 (21) 2022201943 (22) 21.03.2022
 (54) Needle actuator assembly for drug delivery system
 (62) 2017277776

(71) Becton Dickinson and Company Limited
 (21) 2022201951 (22) 21.03.2022
 (54) Syringe adapter with secure connection
 (62) 2019255500

(71) Beijing Geekplus Technology Co., Ltd.
 (21) 2022201885 (22) 18.03.2022
 (54) Robot control system and method, computing device, and storage medium
 (62) 2019339988

(71) Bigfoot Biomedical, Inc.
 (21) 2022202031 (22) 23.03.2022
 (54) Medicine injection and disease management systems, devices, and methods
 (62) 2017335762

(71) BioCorRx, Inc.
 (21) 2022202053 (22) 24.03.2022
 (54) BIODEGRADABLE IMPLANT INCLUDING NALTREXONE
 (31) 63/245,563 (32) 17.09.21 (33) US

(71) BioSpecifics Technologies Corporation; Duke University
 (21) 2022201984 (22) 22.03.2022
 (54) Treatment method and product for uterine fibroids using purified collagenase
 (62) 2019219834

(71) BioXcel Therapeutics, Inc.
 (21) 2022201950 (22) 21.03.2022
 (54) A novel approach for treatment of cancer using immunomodulation
 (62) 2020200953

(71) Board of Regents, The University of Texas System; Cottongen, LLC
 (21) 2022201881 (22) 18.03.2022
 (54) Fungicide enhancers effective for treating plants infected with fungal pathogens
 (62) 2020203833

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 (21) 2022201982

(71) Boehringer Ingelheim Animal Health USA Inc.
 (21) 2022202034 (22) 24.03.2022
 (54) Antiparasitic isoxazoline compounds, long-acting injectable formulations comprising them, methods and uses thereof
 (62) 2021202118

(71) Boehringer Ingelheim Animal Health USA Inc.
 (21) 2022202035 (22) 24.03.2022

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(54) Extended release injectable formulations comprising an isoxazoline active agent, methods and uses thereof
(62) 2020210266

(71) Boston Scientific Neuromodulation Corporation
(21) 2022201855 (22) 17.03.2022
(54) Adaptive electrical neurostimulation treatment to reduce pain perception
(62) 2019275411

(71) Boyle, N.
(21) 2022201952 (22) 21.03.2022
(54) ABALONE FARMING APPARATUS AND METHODS
(62) 2017233540

(71) Brady Worldwide, Inc.
(21) 2022202042 (22) 24.03.2022
(54) CABLE LOCKOUT DEVICE
(31) 63/170,224 (32) 02.04.21 (33) US
63/235,499 20.08.21 US

(71) BRUNONE, R.
(21) 2022202057 (22) 25.03.2022
(54) Divided material conveying system and associated method
(31) 21 03195 (32) 29.03.21 (33) FR

(71) Building Block Nutritionals, LLC
(21) 2022201873 (22) 17.03.2022
(54) Nutritional formula
(62) 2017293780

(71) Canva Pty Ltd
(21) 2022201928 (22) 21.03.2022
(54) System for single-use stock image design
(62) 2020203034

(71) CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
(21) 2022201982 (22) 22.03.2022
(54) COMPOSITIONS AND METHODS OF MODULATING SHORT-CHAIN DEHYDROGENASE ACTIVITY
(62) 2018215678

(71) CATERPILLAR GLOBAL MINING LLC
(21) 2022201886 (22) 18.03.2022
(54) HYDRAULIC CYLINDER CUSHIONING
(31) 2104754.3 (32) 01.04.21 (33) GB

(71) Celgene Corporation
(21) 2022201923 (22) 21.03.2022
(54) Methods for treating anemia
(62) 2020203198

(71) Celularity Inc.
(21) 2022201955 (22) 22.03.2022
(54) PLACENTAL STEM CELL POPULATIONS
(62) 2019268061

(71) Centripetal Networks, Inc.
(21) 2022202068 (22) 25.03.2022
(54) Rule-based network-threat detection
(62) 2020202148

(71) CFPH, LLC
(21) 2022201880 (22) 18.03.2022
(54) GAMES USING FINANCIAL INDICATORS AS RANDOM NUMBER GENERATORS
(62) 2020202645

(71) CG Technology Development, LLC
(21) 2022201883 (22) 18.03.2022
(54) DEVICES FOR GAMING
(62) 2020204455

(71) Chr. Hansen A/S
(21) 2022202060 (22) 25.03.2022
(54) Lactase enzymes with improved properties
(62) 2018251957

(71) Climb Stop Pty Ltd
(21) 2022202052 (22) 24.03.2022
(54) ANTI-CLIMB DEVICE
(31) 2021900890 (32) 25.03.21 (33) AU

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2022201821 (22) 16.03.2022
(54) Object monitoring
(62) 2020331565

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2022201989 (22) 23.03.2022
(54) High amylose wheat - III
(62) 2017292900

(71) Containit Pty Ltd
(21) 2022201840 (22) 16.03.2022
(54) A Cabinet and an Associated Method
(62) 2016231487

(71) Continuous Composites Inc.
(21) 2022201897 (22) 18.03.2022
(54) Systems and methods for controlling additive manufacturing
(62) 2021202712

(71) Cornell University
(21) 2022201907 (22) 18.03.2022
(54) METHOD FOR IDENTIFICATION AND ENUMERATION OF NUCLEIC ACID

SEQUENCE, EXPRESSION, COPY, OR DNA METHYLATION CHANGES, USING COMBINED NUCLEASE, LIGASE, POLYMERASE, AND SEQUENCING REACTIONS
(62) 2015269103

(71) Cornell University
(21) 2022201920 (22) 21.03.2022
(54) Adeno-associated virus mediated delivery of C1E1 as a therapy for angioedema
(62) 2016267687

(71) Corning Optical Communications LLC
(21) 2022201988 (22) 23.03.2022
(54) HIGH FIBER DENSITY, LOW BEND LOSS OPTICAL FIBER CABLE
(62) 2017269145

Cottongen, LLC see Board of Regents, The University of Texas System
(21) 2022201881

(71) Cripps Clark, J.
(21) 2022201926 (22) 21.03.2022
(54) BlackBoxAuthorityCoordinator (BAC) is a device able to receive IoT messages from diverse sources and when installed can be programmed to initiate safe operation of equipment and can provide audit of changes to its control of operations and all subscriptions to its authority which as needed are stored locally, copied and/or uploaded to a secure backup location via messages or other protocols with provision for authentication and where necessary timed persistence of received instruction messages and/or position and status information.
(62) 2021103348

(71) Croall, P.
(21) 2022201850 (22) 17.03.2022
(54) Chromosomal Identification
(62) 2019320572

(71) Crown Equipment Corporation
(21) 2022202008 (22) 23.03.2022
(54) Systems and methods for use of a materials handling vehicle in a warehouse environment
(62) 2020203109

(71) Cryovac, Inc.
(21) 2022201959 (22) 22.03.2022
(54) EASY OPENING FILM FOR VACUUM SKIN PACKAGING
(62) 2017230851

(71) CSR Industries Inc.
(21) 2022201910 (22) 18.03.2022

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(54) Acoustic Insulating Panel Using Recycled Material
(31) 17/209,592 (32) 23.03.21 (33) US

(71) Cystic Fibrosis Foundation Therapeutics, Inc.
(21) 2022201816 (22) 16.03.2022
(54) Pyrrolopyrimidines as CFTR potentiators
(62) 2017362350

(71) CytomX Therapeutics, Inc.
(21) 2022201793 (22) 15.03.2022
(54) Anti-PDL1 antibodies, activatable anti-PDL1 antibodies, and methods of use thereof
(62) 2016233495

(71) Dana-Farber Cancer Institute, Inc.
(21) 2022201940 (22) 21.03.2022
(54) Vaccination with MICA/B alpha 3 domain for the treatment of cancer
(62) 2016362597

(71) Dart Industries Inc.
(21) 2022201956 (22) 22.03.2022
(54) FREEZABLE AND REUSABLE BOTTLE AND METHOD OF MAKING THE BOTTLE
(31) 17/227,498 (32) 12.04.21 (33) US

(71) Datt Life Science Private Limited
(21) 2022201887 (22) 18.03.2022
(54) A ready to use biodegradable and biocompatible cell-based nerve conduit for nerve injury and a method of preparation thereof
(62) 2021203224

(71) Depuy Ireland Unlimited Company
(21) 2022202058 (22) 25.03.2022
(54) Orthopaedic surgical instrument system for surgically-preparing a patient's femur
(62) 2017267697

(71) Diamyd Medical AB
(21) 2022202003 (22) 23.03.2022
(54) Novel combinations for antigen based therapy
(62) 2020203169

Duke University see BioSpecifics Technologies Corporation
(21) 2022201984

(71) Dynex Extrusions Limited
(21) 2022201890 (22) 18.03.2022
(54) A BUILDING FLASHING
(62) 2016226619

(71) Eagle View Technologies, Inc.
(21) 2022201851 (22) 17.03.2022
(54) SYSTEMS AND METHODS FOR PERFORMING A RISK MANAGEMENT ASSESSMENT OF A PROPERTY
(62) 2020200676

(71) Ecolab USA Inc.
(21) 2022202049 (22) 24.03.2022
(54) Alternative additives to enhance slurry dewatering
(61) 2015223407

(71) Elbex Video Ltd.
(21) 2022201978 (22) 22.03.2022
(54) Communication infrastructure devices and support tools for intelligent residences or businesses and communicating method with and operating intelligent electrical devices
(62) 2021200754

(71) Elbex Video Ltd.
(21) 2022202027 (22) 23.03.2022
(54) Communication infrastructure devices and support tools for intelligent residences or businesses and communicating method with and operating intelligent electrical devices
(62) 2021201039

(71) Evogene Ltd.
(21) 2022201932 (22) 21.03.2022
(54) Isolated polynucleotides and polypeptides, and methods of using same for increasing nitrogen use efficiency of plants
(62) 2019253901

(71) F. Hoffmann-La Roche AG
(21) 2022201960 (22) 22.03.2022
(54) TriFab-Contorsbody
(62) 2018358904

(71) Fanplayr Inc.
(21) 2022202023 (22) 23.03.2022
(54) Method and system for segmentation as a service
(62) 2018309599

(71) Fasetto, Inc.
(21) 2022202013 (22) 23.03.2022
(54) Systems and methods for portable storage devices
(62) 2020200894

(71) Fine, K.D.
(21) 2022201958 (22) 22.03.2022
(54) DIAGNOSTIC TESTING FOR IMMUNOLOGIC FOOD SENSITIVITY
(62) 2016202393

(71) Fisher & Paykel Healthcare Limited
(21) 2022201817 (22) 16.03.2022
(54) Interface sizing tool and method
(62) 2019240660

(71) Fisher & Paykel Healthcare Limited
(21) 2022201861 (22) 17.03.2022
(54) Deterministically controlled humidification system
(62) 2020200169

(71) Fisher & Paykel Healthcare Limited
(21) 2022202064 (22) 25.03.2022
(54) Flow path sensing for flow therapy apparatus
(62) 2017267246

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2022202002 (22) 23.03.2022
(54) MASK SYSTEM HEDGEAR
(62) 2020217346

(71) FITPLAY TECHNOLOGY (HK) LIMITED
(21) 2022201936 (22) 21.03.2022
(54) METHOD AND DEVICE FOR CONTROLLING MAGNETIC RESISTANCE OF EXERCISE BIKE AND EXERCISE BIKE
(31) 2021110182241 (32) 01.09.21 (33) CN

(71) Fleetsu Pty Ltd
(21) 2022202045 (22) 24.03.2022
(54) A Location System and Method of Location
(62) 2017201639

Forest Laboratories Holdings Limited see Ironwood Pharmaceuticals, Inc.
(21) 2022201891

(71) ForSight Vision4, Inc.
(21) 2022201818 (22) 16.03.2022
(54) IMPLANTABLE OCULAR DRUG DELIVERY DEVICES
(62) 2017246889

(71) GeoTech Technologies Ltd.
(21) 2022201815 (22) 16.03.2022
(54) GEOCELL WITH IMPROVED COMPACTION AND DEFORMATION RESISTANCE
(62) 2019253893

(71) Global Algae Technology, LLC
(21) 2022201857 (22) 17.03.2022
(54) Algae cultivation systems and methods with bore waves
(62) 2017262679

Complete Applications Filed - Name Index cont'd

(71) Global Tel*Link Corporation
(21) 2022201794 (22) 15.03.2022
(54) System and method for generating and transmitting a non-real time communication
(62) 2017260202

(71) Goldwave Steel Structure Engineering Limited
(21) 2022201916 (22) 19.03.2022
(54) Pipe Pile System with Interlock and Grout Pipe
(31) 32022049066.0 (32) 01.03.22 (33) HK

(71) Google LLC
(21) 2022201819 (22) 16.03.2022
(54) BATCH NORMALIZATION LAYERS
(62) 2020250312

(71) Grasschain Technologies Pty Ltd
(21) 2022201868 (22) 17.03.2022
(54) Fluorocarbon-based liquid recirculating cooling apparatus and method for recirculating cooling using fluorocarbon-based liquid

(71) HANMI PHARM. CO., LTD.
(21) 2022201797 (22) 15.03.2022
(54) Salts of 4-amino-n-(1-((3-chloro-2-fluorophenyl)amino)-6-methyl-isoquinolin-5-yl)thieno[3,2-d]pyrimidine-7-carboxamide, and crystalline forms thereof
(62) 2018374682

(71) Hanwha Azdel, Inc.
(21) 2022201884 (22) 18.03.2022
(54) PREPREGS, CORES AND COMPOSITE ARTICLES INCLUDING POWDER COATED LAYERS
(62) 2017268789

(71) Hastings, B.; Radovnikovic, M.
(21) 2022201799 (22) 15.03.2022
(54) Fractional, co-ownership of holiday homes, second homes also known as a Private Residence Club (PRC) with integrated lifestyle club offerings. The PRC will eventually include a Real Estate Investment Trust (REIT) giving unit holders access to multiple residences.

(71) Haynes International Inc.
(21) 2022202014 (22) 23.03.2022
(54) Cobalt-chromium alloy resistant to high speed/self-coupled sliding wear
(31) 17/211,022 (32) 24.03.21 (33) US

(71) Hexion Australia Pty Ltd
(21) 2022201924 (22) 21.03.2022
(54) Fire retardant composition
(31) 2021900863 (32) 23.03.21 (33) AU

(71) HRS Scaffold Hire Pty Ltd
(21) 2022201866 (22) 17.03.2022
(54) Load transporting system

(71) Husqvarna AB
(21) 2022201860 (22) 17.03.2022
(54) Stand-on lawn care vehicle
(62) 2017277925

(71) ICU Medical, Inc.
(21) 2022201948 (22) 21.03.2022
(54) System and method of monitoring and managing a remote infusion regimen
(62) 2020202334

(71) IGT
(21) 2022201827 (22) 16.03.2022
(54) Casino System with Camera-Based Human Full Body Sensing and Player Action Prediction
(31) 17/215,451 (32) 29.03.21 (33) US

(71) IGT GLOBAL SOLUTIONS CORPORATION
(21) 2022201876 (22) 18.03.2022
(54) CROSS CHANNEL LOTTERY GAME PROMOTION
(31) 17/214,167 (32) 26.03.21 (33) US

(71) Illinois Tool Works Inc.
(21) 2022202041 (22) 24.03.2022
(54) Post bracket and blank for forming same
(31) 2021900889 (32) 25.03.21 (33) AU

(71) INCYTE CORPORATION
(21) 2022202009 (22) 23.03.2022
(54) PYRAZOLOPYRIDINE DERIVATIVES AS HPK1 MODULATORS AND USES THEREOF FOR THE TREATMENT OF CANCER
(62) 2017322427

(71) Ipex Technologies Inc.
(21) 2022201931 (22) 21.03.2022
(54) Pipe Coupling And Anchoring System
(31) 3,113,312 (32) 25.03.21 (33) CA

(71) Ironwood Pharmaceuticals, Inc.; Forest Laboratories Holdings Limited
(21) 2022201891 (22) 18.03.2022
(54) Delayed release compositions of linaclootide
(62) 2020202319

(71) Itron Networked Solutions, Inc.
(21) 2022201889 (22) 18.03.2022
(54) Secure end-to-end permitting system for device operations
(62) 2021200989

(71) Jiangsu XCMG Construction Machinery Research Institute LTD.
(21) 2022202040 (22) 24.03.2022
(54) Rotary frame and grade
(31) 202210099244.4 (32) 27.01.22 (33) CN

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2022201918

(71) JPL Global, LLC
(21) 2022201839 (22) 16.03.2022
(54) Circular saw apparatus with integrated multistage filtration system
(62) 2016315831

(71) KABUSHIKI KAISHA TOSHIBA
(21) 2022201795 (22) 15.03.2022
(54) Dynamic Image Decoding Device
(62) 2020223781

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(21) 2022201961 (22) 22.03.2022
(54) Valve Stem Seal Structure
(31) 2021-062693 (32) 01.04.21 (33) JP

(71) Kamstrup A/S
(21) 2022202036 (22) 24.03.2022
(54) METHOD FOR LOCATING A LEAK IN A WATER SUPPLY NETWORK
(31) 21167496.5 (32) 08.04.21 (33) EP

(71) Karekar, N.
(21) 2022201913 (22) 19.03.2022
(54) TOE CAPPED THONGS

(71) Kobelco Construction Machinery Co., Ltd.
(21) 2022201867 (22) 17.03.2022
(54) Cab for construction machine
(31) 2021-058274 (32) 30.03.21 (33) JP

(71) Koninklijke Nederlandse Akademie van Wetenschappen
(21) 2022201930 (22) 21.03.2022
(54) Culture medium
(62) 2015352351

(71) Kroupa, B.
(21) 2022201976 (22) 22.03.2022
(54) Method, system and apparatus for vehicle storage
(62) 2015275218

(71) KUANG, W.
(21) 2022201790 (22) 15.03.2022
(54) SHOWER DEVICE
(31) 202122386882.8 (32) 29.09.21 (33) CN

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(71) KWOK, C.L.C.
(21) 2022202061 (22) 25.03.2022
(54) Ligature for a Woodwind Instrument
(31) GB2104333.6 (32) 26.03.21 (33) GB

(71) L.E.A.F. Holdings Group LLC
(21) 2022202046 (22) 24.03.2022
(54) Liposome encapsulated affinity drug
(62) 2020203241

(71) L'Air Liquide, Societe Anonyme pour
l'Etude et l'Exploitation des Procédés
Georges Claude
(21) 2022201856 (22) 17.03.2022
(54) PROCESS AND PLANT FOR PRODU-
CING METHANOL AND AMMONIA
(31) 21020173.7 (32) 31.03.21 (33) EP

(71) L2R Enterprises, LLC
(21) 2022201780 (22) 15.03.2022
(54) MICROFLOW RESTRICTOR AS-
SEMBLY AND METHODS OF MAKING
THE SAME
(62) 2017222434

(71) La Zouch Pty Ltd
(21) 2022202043 (22) 24.03.2022
(54) Hinge Arrangement, System & Method
(31) 2021900915 (32) 29.03.21 (33) AU

(71) lepper, e.
(21) 2022201788 (22) 15.03.2022
(54) Indicate Safety Vest, is a patent
pending device that increases cyclists
visibility on the road and alerts drivers
of the cyclist's intentions.

(71) LG Electronics Inc.
(21) 2022202010 (22) 23.03.2022
(54) Cleaner support mechanism and clean-
er unit
(62) 2020201915

(71) LG ELECTRONICS INC.
(21) 2022201864 (22) 17.03.2022
(54) DISPLAY DEVICE AND METHOD OF
OPERATING THE SAME
(31) 10-2021-0063504 (32) 17.05.21 (33) KR

(71) LG ELECTRONICS INC.
(21) 2022201985 (22) 22.03.2022
(54) REFRIGERATOR
(62) 2020200048

(71) Liquid Fertiliser Technologies Pty Ltd
(21) 2022201854 (22) 17.03.2022
(54) LIQUID COMPOSITION FOR SOIL
STABILISATION AND DUST CON-
TROL

(71) Lone Gull Holdings, Ltd
(21) 2022202055 (22) 25.03.2022
(54) Inertial Hydrodynamic Pump
(62) 2019321649

Ludwig Institute For Cancer Research Ltd.
see Agenus Inc.
(21) 2022201791

(71) Macquarie University
(21) 2022201938 (22) 21.03.2022
(54) Method and system for training a neural
network

(71) Magic Leap, Inc.
(21) 2022201898 (22) 18.03.2022
(54) Virtual reality, augmented reality, and
mixed reality systems with spatialized
audio
(62) 2017327387

(71) Magic Leap, Inc.
(21) 2022201949 (22) 21.03.2022
(54) Augmented reality display device with
deep learning sensors
(62) 2017317599

(71) Magic Leap, Inc.
(21) 2022201967 (22) 22.03.2022
(54) Microstructured fiber optic oscillator and
waveguide for fiber scanner
(62) 2017382882

(71) MARA RENEWABLES CORPORATION
(21) 2022201863 (22) 17.03.2022
(54) Method of making lipids with improved
cold flow properties
(62) 2020203821

(71) Martin, M.
(21) 2022202018 (22) 23.03.2022
(54) DENTAL IMAGER AND METHOD FOR
RECORDING PHOTOGRAPHIC IM-
PRESSIONS
(62) 2021261943

(71) Massachusetts Institute of Technology
(21) 2022202038 (22) 24.03.2022
(54) Cell surface coupling of nanoparticles
(62) 2016305087

Massachusetts Institute of Technology see
The Broad Institute, Inc.
(21) 2022202048

(71) MasterCard International Incorporated
(21) 2022201833 (22) 16.03.2022
(54) Rules engine for applying rules from a
reviewing network to signals from an
originating network
(62) 2020201898

(71) MedicalTree Patent Ltd
(21) 2022202029 (22) 23.03.2022
(54) An Improved Artificial Valve
(62) 2020202878

Memorial Sloan-Kettering Cancer Center
see Agenus Inc.
(21) 2022201791

(71) Memorial Sloan-Kettering Cancer Cen-
ter
(21) 2022201969 (22) 22.03.2022
(54) Replication competent attenuated vac-
cinia viruses with deletion of thymidine
kinase with and without the expression
of human Flt3L or GM-CSF for cancer
immunotherapy
(62) 2017222686

(71) Meso Scale Technologies, LLC
(21) 2022201826 (22) 16.03.2022
(54) ASSAY PANELS
(62) 2019253816

(71) METROMAX AMERICA CORPORA-
TION
(21) 2022201965 (22) 22.03.2022
(54) MULTI-DIRECTIONAL ADJUSTABLE
SOLAR OUTDOOR PROJECTION
LIGHT

(71) Miles, S.
(21) 2022201814 (22) 16.03.2022
(54) VEHICLE MIRRORS
(62) 2021202062

(71) Modular Mining Systems, Inc.
(21) 2022201853 (22) 17.03.2022
(54) DRIVER GUIDANCE FOR GUIDED
MANEUVERING
(62) 2017249116

(71) Monash University
(21) 2022201966 (22) 22.03.2022
(54) Method and system for detection of dis-
ease agents in blood
(62) 2015336927

(71) MONSTERS ALIENS ROBOTS ZOM-
BIES INC.
(21) 2022201841 (22) 16.03.2022
(54) METHOD AND SYSTEM FOR IMAGE
PROCESSING
(31) 63/161,967 (32) 16.03.21 (33) US

(71) Morpich Therapeutic, Inc.
(21) 2022201908 (22) 18.03.2022
(54) Inhibitors of (alpha-v)(beta-6) integrin
(62) 2018229275

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(71) Morphic Therapeutic, Inc.
 (21) 2022201929 (22) 21.03.2022
 (54) Inhibitors of (alpha-v)(beta-6) integrin
 (62) 2018227417

(71) Motion Concepts L.P.
 (21) 2022201991 (22) 23.03.2022
 (54) MULTI-AXIS HEADREST SYSTEM
 AND METHOD
 (31) 17/216,298 (32) 29.03.21 (33) US

(71) National Research Council of Canada
 (NRC)
 (21) 2022202015 (22) 23.03.2022
 (54) Blood-brain barrier transmigration com-
 pounds and uses thereof
 (62) 2018212860

(71) Nationwide Children's Hospital, Inc.
 (21) 2022201820 (22) 16.03.2022
 (54) Recombinant Virus Products And Meth-
 ods For Inhibition Of Expression Of
 DUX4
 (62) 2020200323

(71) Navenio Ltd.,
 (21) 2022202051 (22) 24.03.2022
 (54) ALIGNMENT OF MAP SEGMENTS
 (31) 20210100286 (32) 22.04.21 (33) GR
 2106811.9 13.05.21 GB

(71) Navico Holding AS
 (21) 2022202006 (22) 23.03.2022
 (54) AUTOMATIC NAVIGATION OF A MAR-
 INE ENVIRONMENT AREA
 (31) 17/218,492 (32) 31.03.21 (33) US

(71) NAVICO HOLDING AS
 (21) 2022202065 (22) 25.03.2022
 (54) SONAR STEERING SYSTEMS AND
 ASSOCIATED METHODS
 (31) 17/326,409 (32) 21.05.21 (33) US

(71) Nicoventures Trading Limited
 (21) 2022201934 (22) 21.03.2022
 (54) Heating smokeable material
 (62) 2020202198

(71) Nikki Co., Ltd.
 (21) 2022201832 (22) 16.03.2022
 (54) Electronic control method for throttle
 and electronic control throttle device
 (31) 2021-050322 (32) 24.03.21 (33) JP

(71) Novalash Inc.
 (21) 2022202028 (22) 23.03.2022
 (54) Quality Controlled Artificial Eyelashes
 Extension System
 (62) 2020201100

(71) Novartis AG
 (21) 2022201921 (22) 21.03.2022
 (54) Crystalline forms of a LTA4H inhibitor
 (62) 2019315778

(71) Novartis AG; The Trustees of the Uni-
 versity of Pennsylvania
 (21) 2022202024 (22) 23.03.2022
 (54) TREATMENT OF CANCER USING HU-
 MANIZED ANTI CD19 CHIMERIC AN-
 TIGEN RECEPTOR
 (62) 2019216689

(71) Novozymes A/S
 (21) 2022201990 (22) 23.03.2022
 (54) Alpha-amylase variants and polynuc-
 leotides encoding same
 (62) 2016259703

(71) Nubiyota LLC
 (21) 2022201981 (22) 22.03.2022
 (54) Compositions comprising co-selected
 microbiota and methods for use thereof
 (62) 2019205296

(71) Ohio State Innovation Foundation
 (21) 2022202001 (22) 23.03.2022
 (54) CONTACT LENS
 (62) 2017330483

(71) Oleynik, M.
 (21) 2022201845 (22) 16.03.2022
 (54) Methods and Systems for Food Prepar-
 ation in a Robotic Cooking Kitchen
 (62) 2020200017

(71) Omnicell, Inc.
 (21) 2022202063 (22) 25.03.2022
 (54) Unit dose dispensing systems and
 methods
 (62) 2020226996

(71) Orbinox Pty Ltd (T/A SFI Aust)
 (21) 2022202056 (22) 25.03.2022
 (54) COLLAPSIBLE ROOF ASSEMBLY
 (31) 2021901072 (32) 13.04.21 (33) AU

Osaka University see StemRIM Inc.
 (21) 2022201894

(71) Palo Alto Research Center Incorpor-
 ated
 (21) 2022201808 (22) 16.03.2022
 (54) SYSTEM FOR APPLYING PRE-
 STRAIN TO AN OPTICAL SENSOR
 (31) 17/235,101 (32) 20.04.21 (33) US

(71) Palo Alto Research Center Incorpor-
 ated
 (21) 2022201809 (22) 16.03.2022
 (54) APPARATUS FOR ATTACHING OP-
 TICAL FIBER TO A STRUCTURE
 (31) 17/235,123 (32) 20.04.21 (33) US

(71) Palo Alto Research Center Incorpor-
 ated
 (21) 2022201811 (22) 16.03.2022
 (54) RETRACTABLE REEL FOR HAND-
 LING OPTIC FIBER
 (31) 17/235,138 (32) 20.04.21 (33) US

(71) Palo Alto Research Center Incorpor-
 ated
 (21) 2022201812 (22) 16.03.2022
 (54) SMART CASSETTE FOR INSTALLING
 OPTICAL FIBER
 (31) 17/235,360 (32) 20.04.21 (33) US

(71) Palo Alto Research Center Incorpor-
 ated
 (21) 2022201813 (22) 16.03.2022
 (54) SMART CASSETTE FOR INSTALLING
 OPTICAL FIBER
 (31) 17/235,311 (32) 20.04.21 (33) US

(71) Pelzer, F.
 (21) 2022202005 (22) 23.03.2022
 (54) Method and system for live determining
 of a sports device
 (62) 2016371323

(71) Peter Butcher
 (21) 2022201905 (22) 18.03.2022
 (54) Wave generator

(71) Pharmacyclics LLC
 (21) 2022201972 (22) 22.03.2022
 (54) The use of inhibitors of Bruton's tyr-
 osine kinase (Btk)
 (62) 2022201742

(71) Philmac Pty Ltd
 (21) 2022201888 (22) 18.03.2022
 (54) A float valve with a transient mitigation
 function.

(71) PINDROP SECURITY, INC.
 (21) 2022201831 (22) 16.03.2022
 (54) Call classification through analysis of
 DTMF events
 (62) 2017305245

(71) Pinssar Pty Ltd
 (21) 2022201945 (22) 21.03.2022
 (54) PARTICULATE MATTER MEASURING
 APPARATUS
 (62) 2017285701

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(71) Pongrass, R.
(21) 2022202102 (22) 28.03.2022
(54) Carpet identification system
(31) 2020904529 (32) 07.12.20 (33) AU
(62) PCT/AU2021/051459

(71) Popeye Marine Biotechnology Limited
(21) 2022201939 (22) 21.03.2022
(54) POROUS TRICALCIUM PHOSPHATE MATERIAL, METHOD FOR BONE HEALING USING THE SAME AND MANUFACTURING METHOD THEREOF
(31) 110142116 (32) 12.11.21 (33) TW

President and Fellows of Harvard College see The Broad Institute, Inc.
(21) 2022202048

(71) ProstaGene, LLC
(21) 2022201992 (22) 23.03.2022
(54) Using modulators of CCR5 for treating cancer
(62) 2020200083

QILU HOSPITAL OF SHANDONG UNIVERSITY see SHANDONG UNIVERSITY
(21) 2022201970

(71) R. J. Reynolds Tobacco Company
(21) 2022202033 (22) 24.03.2022
(54) Electrically-powered aerosol delivery system
(62) 2020204130

Radovnikovic, M. see Hastings, B.
(21) 2022201799

(71) Rail-Veyor Technologies Global Inc.
(21) 2022201996 (22) 23.03.2022
(54) Rail transport dump loop system for conveying bulk materials
(62) 2020202326

(71) Rhodes Pharmaceuticals L.P.
(21) 2022201848 (22) 16.03.2022
(54) Pharmaceutical resinate compositions and methods of making and using thereof
(62) 2018347991

(71) Rise Form Pty Ltd.
(21) 2022202059 (22) 25.03.2022
(54) IMPROVEMENTS IN FORMWORK
(62) 2020204073

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2022201798 (22) 15.03.2022
(54) Antenna module and electronic device for using the antenna module
(62) 2020213328

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2022201893 (22) 18.03.2022
(54) Electronic device and operating method thereof
(62) 2017244245

SCG Chemicals Co., Ltd. see Thai Polyethylene Co., Ltd.
(21) 2022202062

(71) Schneider Electric Industries SAS
(21) 2022201933 (22) 21.03.2022
(54) ELECTRICAL PROTECTION DEVICE
(31) 2103126 (32) 26.03.21 (33) FR

(71) Schneider Electric Industries SAS
(21) 2022201935 (22) 21.03.2022
(54) ELECTRICAL SWITCHING APPARATUS
(31) 2103102 (32) 26.03.21 (33) FR

(71) Schneider Electric Industries SAS
(21) 2022201971 (22) 22.03.2022
(54) ELECTRICAL PROTECTION DEVICE AND ELECTRICAL SWITCHBOARD COMPRISING SUCH AN ELECTRICAL PROTECTION DEVICE
(31) 2103128 (32) 26.03.21 (33) FR

(71) Schneider Electric Industries SAS
(21) 2022201979 (22) 22.03.2022
(54) DEVICE PROVIDING ELECTRICAL PROTECTION
(31) 2103122 (32) 26.03.21 (33) FR

(71) Schneider Electric Industries SAS
(21) 2022201980 (22) 22.03.2022
(54) ELECTRICAL PROTECTION DEVICE AND ELECTRICAL SWITCHBOARD COMPRISING SUCH A PROTECTION DEVICE
(31) 2103123 (32) 26.03.21 (33) FR

(71) Schneider Electric Industries SAS
(21) 2022201983 (22) 22.03.2022
(54) ELECTRICAL PROTECTION DEVICE AND ELECTRICAL SWITCHBOARD COMPRISING SUCH AN ELECTRICAL PROTECTION DEVICE
(31) 2103125 (32) 26.03.21 (33) FR

(71) Scott Cutters Ltd
(21) 2022201878 (22) 18.03.2022
(54) CUTTING TOOL
(31) 2104105.8 (32) 24.03.21 (33) GB

(71) SD Chem, Inc.
(21) 2022201849 (22) 17.03.2022
(54) Aqueous suspension compositions, formulations, and water dispersible

dry compositions comprising 16 α -pha-bromo-3 β -hydroxy-5 α -androstan-17-ketone and hydrates, derivatives, and analogs thereof
(62) 2019428193

(71) SemiosBio Technologies Inc.
(21) 2022201997 (22) 23.03.2022
(54) STABILIZED MATING DISRUPTION FORMULATIONS, DEVICES, METHODS, USES, AND SYSTEMS TO DISRUPT MATING AMONGST CAROB MOTHS

(71) SHANDONG UNIVERSITY; QILU HOSPITAL OF SHANDONG UNIVERSITY
(21) 2022201970 (22) 22.03.2022
(54) SYSTEM OF CHEST AND ABDOMINAL COMPRESSION-DECOMPRESSION WITH COORDINATED CONTROL OF DUAL SERVOS
(31) 2021106314996 (32) 07.06.21 (33) CN

(71) Sirna Therapeutics, Inc.
(21) 2022202011 (22) 23.03.2022
(54) Short interfering nucleic acid (siNA) molecules containing a 2' internucleoside linkage
(62) 2020202097

(71) Skolnik, M.
(21) 2022201828 (22) 16.03.2022
(54) MOULD FOR FOOD PRODUCT
(31) 2021900816 (32) 19.03.21 (33) AU

(71) SMITH, M.
(21) 2022201796 (22) 15.03.2022
(54) INTEGRATED MODULAR METAL FRAME BUILDING SYSTEM
(62) 2015333593

(71) Smith & Nephew plc
(21) 2022201830 (22) 16.03.2022
(54) Reduced pressure apparatus and methods
(62) 2019284049

(71) Smith & Nephew plc
(21) 2022202019 (22) 23.03.2022
(54) Wound treatment apparatuses and methods with negative pressure source integrated into wound dressing
(62) 2017230775

(71) Snap-on Incorporated
(21) 2022201922 (22) 21.03.2022
(54) Motor timeout in power tool
(31) 63/165,002 (32) 23.03.21 (33) US
17/694,218 14.03.22 US

(71) Snap-on Incorporated
(21) 2022201925 (22) 21.03.2022

Complete Applications Filed - Name Index cont'd

(54) Overcurrent protection for electric motor
(31) 63/164,860 (32) 23.03.21 (33) US
17/694,242 14.03.22 US

(71) Snap-on Incorporated
(21) 2022201941 (22) 21.03.2022

(54) Short circuit protection for a BLDC motor
(31) 63/164,696 (32) 23.03.21 (33) US
17/694,249 14.03.22 US

(71) Snap-on Incorporated
(21) 2022201946 (22) 21.03.2022

(54) Controlling a brushless motor
(31) 63/165,894 (32) 25.03.21 (33) US
17/694,228 14.03.22 US

(71) Snap-On Incorporated
(21) 2022201927 (22) 21.03.2022

(54) Current pulse limiting protection
(31) 63/164,997 (32) 23.03.21 (33) US
17/694,267 14.03.22 US

(71) Snap-On Incorporated
(21) 2022201937 (22) 21.03.2022

(54) Controlling brushless motor commutation
(31) 63/164,638 (32) 23.03.21 (33) US
17/694,260 14.03.22 US

(71) Societe Des Produits Nestle S.A.
(21) 2022201858 (22) 17.03.2022
(54) Manufacture of peanut formulations for oral desensitization
(62) 2020202685

(71) Société des Produits Nestlé S.A.
(21) 2022202050 (22) 24.03.2022
(54) Methods for administering tube feed formulations
(62) 2020202740

(71) SPECLIPSE, Inc.
(21) 2022201994 (22) 23.03.2022
(54) APPARATUS AND METHOD FOR SEPARATING FLUID
(31) 10-2022-0012313 (32) 27.01.22 (33) KR

(71) SPECLIPSE, Inc.
(21) 2022201995 (22) 23.03.2022
(54) LIQUID REFINING APPARATUS AND DIAGNOSIS SYSTEM INCLUDING THE SAME
(31) 10-2022-0012314 (32) 27.01.22 (33) KR
10-2022-0012316 27.01.22 KR

(71) Spinal Elements, Inc.
(21) 2022201902 (22) 18.03.2022
(54) Implant system for treating the spine
(62) 2020257035

(71) Splunk Inc.
(21) 2022201792 (22) 15.03.2022
(54) REAL-TIME PROCESSING OF DATA STREAMS RECEIVED FROM INSTRUMENTED SOFTWARE
(62) 2020200713

(71) Splunk Inc.
(21) 2022201801 (22) 15.03.2022
(54) REAL-TIME REPORTING BASED ON INSTRUMENTATION OF SOFTWARE
(62) 2021201308

(71) Stahlkontor GmbH & Co. Kg
(21) 2022201942 (22) 21.03.2022
(54) DUAL LASER-HYBRID PROCESS
(62) 2020277590

(71) StemRIM Inc.; Osaka University
(21) 2022201894 (22) 18.03.2022
(54) Peptide for inducing regeneration of tissue and use thereof
(62) 2019210647

(71) ST REPRODUCTIVE TECHNOLOGIES, LLC
(21) 2022202030 (22) 23.03.2022
(54) ANIMAL MONITORING SYSTEM
(62) 2020204591

(71) Sulun Arms Pty Ltd
(21) 2022201499 (22) 03.03.2022
(54) Self-opening repeating action shotgun
(31) 2022/000151 (32) 06.01.22 (33) TR

(71) Super Lock Up Leads
(21) 2022201962 (22) 22.03.2022
(54) Super Lock Up Lead is a dog and pet lead that allows the animal to be securely locked when the lead is wrapped around a pole or similar. The lead attaches around the neck or body of the dog or pet to provide safety and prevent theft. The lockable parts are a combination of a padlock and eyelet holes within the reinforced lead body to provide the safety and theft prevention solution.

(71) Synergy Global Science Pty Ltd
(21) 2022201877 (22) 18.03.2022
(54) TOY DEVICE
(31) 2021900886 (32) 25.03.21 (33) AU

(71) Synlogic Operating Company, Inc.
(21) 2022201838 (22) 16.03.2022
(54) Bacteria engineered to reduce hyperphenylalaninemia
(62) 2016356684

(71) Teague, P.
(21) 2022202020 (22) 23.03.2022

(54) Method for using voxelated x-ray data to adaptively modify ultrasound inversion model geometry during cement evaluation
(62) 2018338337

(71) Temple University - of the Commonwealth System of Higher Education
(21) 2022201875 (22) 17.03.2022
(54) Methods and compositions for RNA-guided treatment of HIV infection
(62) 2016270702

(71) Tesaro
(21) 2022201944 (22) 21.03.2022
(54) Combination therapies and uses thereof
(62) 2018346688

(71) Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.
(21) 2022202062 (22) 25.03.2022
(54) Bimodal polyethylene composition and pipe comprising the same
(62) 2017218927

(71) The Board of Regents of the University of Oklahoma; Agenus Inc.
(21) 2022201998 (22) 23.03.2022
(54) Identification of MHC class I phospho-peptide antigens from breast cancer utilizing SHLA technology and complementary enrichment strategies
(62) 2020200990

(71) The Boeing Company
(21) 2022201842 (22) 16.03.2022
(54) Work platforms and methods of use
(31) 17/372,858 (32) 12.07.21 (33) US

(71) The BOT of the Leland Stanford Junior University
(21) 2022201973 (22) 22.03.2022
(54) Treatment of post-bariatric hypoglycemia with exendin(9-39)
(62) 2016267057

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
(21) 2022202048 (22) 24.03.2022
(54) Engineering and optimization of improved systems, methods and enzyme compositions for sequence manipulation
(62) 2019236591

(71) THE CHINESE UNIVERSITY OF HONG KONG
(21) 2022201829 (22) 16.03.2022
(54) ANALYZING TUMOR DNA IN A CELL-FREE SAMPLE
(62) 2021202041

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(71) The General Hospital Corporation (21) 2022201915 (22) 19.03.2022 (54) Engineered CRISPR-Cas9 nucleases with altered PAM specificity (62) 2016226077	(54) USE OF CHIMERIC ANTIGEN RECEPTOR-MODIFIED T CELLS TO TREAT CANCER (62) 2020200767	(71) Verndari, Inc. (21) 2022201834 (22) 16.03.2022 (54) Microneedle compositions and methods of using same (62) 2017207744
(71) The Gillette Company LLC (21) 2022201824 (22) 16.03.2022 (54) RAZOR HANDLE WITH A PIVOTING PORTION (62) 2019242568	(71) The Werc Shop, LLC (21) 2022201901 (22) 18.03.2022 (54) IMPROVED TERPENE-BASED COMPOSITIONS, PROCESSES, METHODOLOGIES FOR CREATION AND PRODUCTS THEREBY (62) 2020201067	(71) Vertex Pharmaceuticals Incorporated (21) 2022202000 (22) 23.03.2022 (54) Materials and methods for treatment of pain related disorders (62) 2017292169
(71) The Gillette Company LLC (21) 2022201825 (22) 16.03.2022 (54) RAZOR HANDLE WITH A PIVOTING PORTION (62) 2019242570	(71) Tiger Tool International Incorporated (21) 2022201899 (22) 18.03.2022 (54) SYSTEMS AND METHODS FOR INSERTING AND REMOVING BUSHING ASSEMBLIES (31) 63/163,627 (32) 19.03.21 (33) US 17/412,826 26.08.21 US	(71) ViaSat, Inc. (21) 2022202022 (22) 23.03.2022 (54) Device shaping in a communications network (62) 2017317018
(71) The Gillette Company LLC (21) 2022201852 (22) 17.03.2022 (54) SHAVING RAZOR CARTRIDGE AND METHOD OF MANUFACTURE (62) 2019242214	(71) TNBT Holdings Pty Ltd (21) 2022201974 (22) 22.03.2022 (54) A Lock (62) 2020207887	(71) Visa International Service Association (21) 2022202047 (22) 24.03.2022 (54) Remote usage of locally stored biometric authentication data (62) 2017316312
(71) The Regents of the University of California (21) 2022201869 (22) 17.03.2022 (54) System for out of bore focal laser therapy (62) 2017211299	(71) Tran, Q. (21) 2022201800 (22) 15.03.2022 (54) Pho/Spice Infuser	(71) VMAS Solutions, Inc. (21) 2022201882 (22) 18.03.2022 (54) SYSTEMS AND METHODS FOR REDUCING STRESS (62) 2020267204
(71) The Regents of the University of California (21) 2022201963 (22) 22.03.2022 (54) Fusogenic liposome-coated porous silicon nanoparticles (62) 2016291224	(71) TRANSDEV GROUP INNOVATION (21) 2022201919 (22) 21.03.2022 (54) Device for controlling a steering angle of an autonomous motor vehicle or the braking of the autonomous motor vehicle, and vehicle comprising such device (31) 21 03097 (32) 26.03.21 (33) FR	(71) Webfleet Solutions B.V. (21) 2022201977 (22) 22.03.2022 (54) Wireless communication devices (62) 2016282349
(71) The Regents of the University of California (21) 2022202004 (22) 23.03.2022 (54) Enhancing beta cell replication and/or survival (62) 2016338916	(71) ULMA Packaging Technological Center, S.COOP. (21) 2022201837 (22) 16.03.2022 (54) Vertical packaging machine (31) EP21382449.3 (32) 14.05.21 (33) EP	(71) Well Equipment Solutions Holdings Pty Ltd (21) 2022201844 (22) 16.03.2022 (54) Coagulation/Flocculation method (31) 2021900963 (32) 31.03.21 (33) AU
(71) Thermogroup Trading Pty Ltd (21) 2022201917 (22) 19.03.2022 (54) IMPROVED HEATER APPARATUS AND METHOD	(71) UON Pty Ltd (21) 2022202016 (22) 23.03.2022 (54) Powering of submersible pumps via renewable energy sources (31) 2021900855 (32) 23.03.21 (33) AU	(71) Westinghouse Air Brake Technologies Corporation (21) 2022201975 (22) 22.03.2022 (54) SYSTEM, METHOD, AND APPARATUS FOR DETERMINING A COMMUNICATION STATUS OF LOCOMOTIVES IN A DISTRIBUTED POWER SYSTEM (62) 2021200132
The Trustees of the University of Pennsylvania see Novartis AG (21) 2022202024	(71) UTI Limited Partnership (21) 2022202021 (22) 23.03.2022 (54) Nanoparticle compositions for sustained therapy (62) 2016275312	(71) Winner Water Services (21) 2022201906 (22) 18.03.2022 (54) ANION REMOVAL FROM WASTE WATER (62) 2017283531
(71) The Trustees of the University of Pennsylvania of Center For Technology Transfer (21) 2022201895 (22) 18.03.2022	(71) VANDA PHARMACEUTICALS INC. (21) 2022201953 (22) 21.03.2022 (54) ADMINISTRATION OF TASIMELTEON UNDER FASTED CONDITIONS (62) 2020202719	(71) Wright Medical Technology, Inc. (21) 2022202039 (22) 24.03.2022

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(54) Cartilage removal tool and method
(62) 2020201624

(71) Zebra Technologies Corporation
(21) 2022201964 (22) 22.03.2022
(54) Layout generation for location-tracking sensors
(31) 17/355,652. (32) 23.06.21 (33) US

(71) Zebra Technologies Corporation
(21) 2022202037 (22) 24.03.2022
(54) Barcode reader and barcode reader assembly with lift handles
(31) 17/363,992 (32) 30.06.21 (33) US

(71) ZHEJIANG JINKO SOLAR CO., LTD.;
JINKO SOLAR CO., LTD.
(21) 2022201918 (22) 21.03.2022
(54) PHOTOVOLTAIC MODULE
(62) 2020277176

(71) Zhengzhou University
(21) 2022201789 (22) 15.03.2022
(54) Method for fabricating microbubbles using liquid-gas phase transition of CO₂ and use of microbubbles
(31) 202111030910.0 (32) 03.09.21 (33) CN

(71) Zhongshan TLC Electronics Co., Ltd.
(21) 2022201846 (22) 16.03.2022
(54) Itch relieving device
(31) 202220191707.5 (32) 24.01.22 (33) CN

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2022201499	Sulun Arms Pty Ltd	2022201849	SD Chem, Inc.
2022201666	Air Products and Chemicals, Inc.	2022201850	Croall, P.
2022201667	Air Products and Chemicals, Inc.	2022201851	Eagle View Technologies, Inc.
2022201668	Air Products and Chemicals, Inc.	2022201852	The Gillette Company LLC
2022201780	L2R Enterprises, LLC	2022201853	Modular Mining Systems, Inc.
2022201788	lepper, e.	2022201854	Liquid Fertiliser Technologies Pty Ltd
2022201789	Zhengzhou University	2022201855	Boston Scientific Neuromodulation Corporation
2022201790	KUANG, W.	2022201856	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
2022201791	Agenus Inc.; Ludwig Institute For Cancer Research Ltd.; Memorial Sloan-Kettering Cancer Center	2022201857	Global Algae Technology, LLC
2022201792	Splunk Inc.	2022201858	Societe Des Produits Nestle S.A.
2022201793	CytomX Therapeutics, Inc.	2022201860	Husqvarna AB
2022201794	Global Tel*Link Corporation	2022201861	Fisher & Paykel Healthcare Limited
2022201795	KABUSHIKI KAISHA TOSHIBA	2022201862	Applikon Biotechnology B.V.
2022201796	SMITH, M.	2022201863	MARA RENEWABLES CORPORATION
2022201797	HANMI PHARM. CO., LTD.	2022201864	LG ELECTRONICS INC.
2022201798	SAMSUNG ELECTRONICS CO., LTD.	2022201865	A-SHA REPUBLIC INC.
2022201799	Hastings, B.; Radovnikovic, M.	2022201866	HRS Scaffold Hire Pty Ltd
2022201800	Tran, Q.	2022201867	Kobelco Construction Machinery Co., Ltd.
2022201801	Splunk Inc.	2022201868	Grasschain Technologies Pty Ltd
2022201802	Aristocrat Technologies, Inc.	2022201869	The Regents of the University of California
2022201803	Aristocrat Technologies, Inc.	2022201870	Accenture Global Solutions Limited
2022201804	Aristocrat Technologies, Inc.	2022201871	Accenture Global Solutions Limited
2022201805	Advanced Elite International Pty. Ltd.	2022201873	Building Block Nutritionals, LLC
2022201806	Alarm.Com Incorporated	2022201875	Temple University - of the Commonwealth System of Higher Education
2022201807	Arrowhead Pharmaceuticals, Inc.	2022201876	IGT GLOBAL SOLUTIONS CORPORATION
2022201808	Palo Alto Research Center Incorporated	2022201877	Synergy Global Science Pty Ltd
2022201809	Palo Alto Research Center Incorporated	2022201878	Scott Cutters Ltd
2022201810	Apple Inc.	2022201879	Allergan, Inc.
2022201811	Palo Alto Research Center Incorporated	2022201880	CFPH, LLC
2022201812	Palo Alto Research Center Incorporated	2022201881	Board of Regents, The University of Texas System; Cottongen, LLC
2022201813	Palo Alto Research Center Incorporated	2022201882	VMAS Solutions, Inc.
2022201814	Miles, S.	2022201883	CG Technology Development, LLC
2022201815	GeoTech Technologies Ltd.	2022201884	Hanwha Azdel, Inc.
2022201816	Cystic Fibrosis Foundation Therapeutics, Inc.	2022201885	Beijing Geekplus Technology Co., Ltd.
2022201817	Fisher & Paykel Healthcare Limited	2022201886	CATERPILLAR GLOBAL MINING LLC
2022201818	ForSight Vision4, Inc.	2022201887	Datt Life Science Private Limited
2022201819	Google LLC	2022201888	Philmac Pty Ltd
2022201820	Nationwide Children's Hospital, Inc.	2022201889	Itron Networked Solutions, Inc.
2022201821	Commonwealth Scientific and Industrial Research Organisation	2022201890	Dynex Extrusions Limited
2022201822	Aristocrat Technologies, Inc.	2022201891	Ironwood Pharmaceuticals, Inc.; Forest Laboratories Holdings Limited
2022201823	Apple Inc.	2022201892	Aristocrat Technologies, Inc.
2022201824	The Gillette Company LLC	2022201893	SAMSUNG ELECTRONICS CO., LTD.
2022201825	The Gillette Company LLC	2022201894	StemRIM Inc.; Osaka University
2022201826	Meso Scale Technologies, LLC	2022201895	The Trustees of the University of Pennsylvania of Center For Technology Transfer
2022201827	IGT	2022201896	Aristocrat Technologies, Inc.
2022201828	Skolnik, M.	2022201897	Continuous Composites Inc.
2022201829	THE CHINESE UNIVERSITY OF HONG KONG	2022201898	Magic Leap, Inc.
2022201830	Smith & Nephew plc	2022201899	Tiger Tool International Incorporated
2022201831	PINDROP SECURITY, INC.	2022201901	The Werc Shop, LLC
2022201832	Nikki Co., Ltd.	2022201902	Spinal Elements, Inc.
2022201833	MasterCard International Incorporated	2022201903	Accenture Global Solutions Limited
2022201834	Verndari, Inc.	2022201905	Peter Butcher
2022201835	Aché Laboratórios Farmacêuticos S.A.	2022201906	Winner Water Services
2022201836	Bachmann Innovations Pty Limited	2022201907	Cornell University
2022201837	ULMA Packaging Technological Center, S.COOP.	2022201908	Morphic Therapeutic, Inc.
2022201838	Synlogic Operating Company, Inc.	2022201910	CSR Industries Inc.
2022201839	JPL Global, LLC	2022201913	Karekar, N.
2022201840	Containit Pty Ltd	2022201915	The General Hospital Corporation
2022201841	MONSTERS ALIENS ROBOTS ZOMBIES INC.	2022201916	Goldwave Steel Structure Engineering Limited
2022201843	The Boeing Company	2022201917	Thermogroup Trading Pty Ltd
2022201844	Becton, Dickinson and Company	2022201918	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022201844	Well Equipment Solutions Holdings Pty Ltd	2022201919	TRANSDEV GROUP INNOVATION
2022201845	Oleynik, M.		
2022201846	Zhongshan TLC Electronics Co., Ltd.		
2022201847	Astellas Institute for Regenerative Medicine		
2022201848	Rhodes Pharmaceuticals L.P.		

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2022201920	Cornell University	2022201988	Corning Optical Communications LLC
2022201921	Novartis AG	2022201989	Commonwealth Scientific and Industrial Research Organisation
2022201922	Snap-on Incorporated	2022201990	Novozymes A/S
2022201923	Celgene Corporation	2022201991	Motion Concepts L.P.
2022201924	Hexion Australia Pty Ltd	2022201992	ProstaGene, LLC
2022201925	Snap-on Incorporated	2022201993	Alnylam Pharmaceuticals, Inc.
2022201926	Cripps Clark, J.	2022201994	SPECLIPSE, Inc.
2022201927	Snap-On Incorporated	2022201995	SPECLIPSE, Inc.
2022201928	Canva Pty Ltd	2022201996	Rail-Veyor Technologies Global Inc.
2022201929	Morphic Therapeutic, Inc.	2022201997	SemiosBio Technologies Inc.
2022201930	Koninklijke Nederlandse Akademie van Wetenschappen	2022201998	The Board of Regents of the University of Oklahoma; Agenus Inc.
2022201931	Ipex Technologies Inc.	2022201999	ASSA ABLOY Australia Pty Limited
2022201932	Evogene Ltd.	2022202000	Vertex Pharmaceuticals Incorporated
2022201933	Schneider Electric Industries SAS	2022202001	Ohio State Innovation Foundation
2022201934	Nicoventures Trading Limited	2022202002	FISHER & PAYKEL HEALTHCARE LIMITED
2022201935	Schneider Electric Industries SAS	2022202003	Diamyd Medical AB
2022201936	FITPLAY TECHNOLOGY (HK) LIMITED	2022202004	The Regents of the University of California
2022201937	Snap-On Incorporated	2022202005	Pelzer, F.
2022201938	Macquarie University	2022202006	Navico Holding AS
2022201939	Popeye Marine Biotechnology Limited	2022202007	Bayer HealthCare LLC
2022201940	Dana-Farber Cancer Institute, Inc.	2022202008	Crown Equipment Corporation
2022201941	Snap-on Incorporated	2022202009	INCYTE CORPORATION
2022201942	Stahlkontor GmbH & Co. Kg	2022202010	LG Electronics Inc.
2022201943	Becton, Dickinson and Company	2022202011	Sirna Therapeutics, Inc.
2022201944	Tesaro	2022202012	Automatic Technology (Australia) Pty Ltd
2022201945	Pinssar Pty Ltd	2022202013	Fasetto, Inc.
2022201946	Snap-on Incorporated	2022202014	Haynes International Inc.
2022201947	ArQule, Inc.	2022202015	National Research Council of Canada (NRC)
2022201948	ICU Medical, Inc.	2022202016	UON Pty Ltd
2022201949	Magic Leap, Inc.	2022202017	AVERY DENNISON CORPORATION
2022201950	BioXcel Therapeutics, Inc.	2022202018	Martin, M.
2022201951	Becton Dickinson and Company Limited	2022202019	Smith & Nephew plc
2022201952	Boyle, N.	2022202020	Teague, P.
2022201953	VANDA PHARMACEUTICALS INC.	2022202021	UTI Limited Partnership
2022201954	AVECHO BIOTECHNOLOGY LIMITED	2022202022	ViaSat, Inc.
2022201955	Celularity Inc.	2022202023	Fanplayr Inc.
2022201956	Dart Industries Inc.	2022202024	Novartis AG; The Trustees of the University of Pennsylvania
2022201957	Alarm.com Incorporated	2022202025	BASF Plant Science Company GmbH
2022201958	Fine, K.D.	2022202026	360 Knee Systems Pty Ltd
2022201959	Cryovac, Inc.	2022202027	Elbex Video Ltd.
2022201960	F. Hoffmann-La Roche AG	2022202028	Novalash Inc.
2022201961	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022202029	MedicalTree Patent Ltd
2022201962	Super Lock Up Leads	2022202030	ST REPRODUCTIVE TECHNOLOGIES, LLC
2022201963	The Regents of the University of California	2022202031	Bigfoot Biomedical, Inc.
2022201964	Zebra Technologies Corporation	2022202032	Aristocrat Technologies, Inc.
2022201965	METROMAX AMERICA CORPORATION	2022202033	R. J. Reynolds Tobacco Company
2022201966	Monash University	2022202034	Boehringer Ingelheim Animal Health USA Inc.
2022201967	Magic Leap, Inc.	2022202035	Boehringer Ingelheim Animal Health USA Inc.
2022201968	Accenture Global Solutions Limited	2022202036	Kamstrup A/S
2022201969	Memorial Sloan-Kettering Cancer Center	2022202037	Zebra Technologies Corporation
2022201970	SHANDONG UNIVERSITY; QILU HOSPITAL OF SHANDONG UNIVERSITY	2022202038	Massachusetts Institute of Technology
2022201971	Schneider Electric Industries SAS	2022202039	Wright Medical Technology, Inc.
2022201972	Pharmacyclics LLC	2022202040	Jiangsu XCMG Construction Machinery Research Institute LTD.
2022201973	The BOT of the Leland Stanford Junior University	2022202041	Illinois Tool Works Inc.
2022201974	TNBT Holdings Pty Ltd	2022202042	Brady Worldwide, Inc.
2022201975	Westinghouse Air Brake Technologies Corporation	2022202043	La Zouch Pty Ltd
2022201976	Kroupa, B.	2022202044	Apple Inc.
2022201977	Webfleet Solutions B.V.	2022202045	Fleetsu Pty Ltd
2022201978	Elbex Video Ltd.	2022202046	L.E.A.F. Holdings Group LLC
2022201979	Schneider Electric Industries SAS	2022202047	Visa International Service Association
2022201980	Schneider Electric Industries SAS	2022202048	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2022201981	Nubiyota LLC	2022202049	Ecolab USA Inc.
2022201982	CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2022202050	Société des Produits Nestlé S.A.
2022201983	Schneider Electric Industries SAS	2022202051	Navenio Ltd.,
2022201984	BioSpecifiers Technologies Corporation; Duke University	2022202052	Climb Stop Pty Ltd
2022201985	LG ELECTRONICS INC.	2022202053	BioCorRx, Inc.
2022201986	Astellas Institute for Regenerative Medicine	2022202055	Lone Gull Holdings, Ltd
2022201987	AGRIX IP PTY LTD		

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2022202056 Orbinox Pty Ltd (T/A SFI Aust)
2022202057 BRUNONE, R.
2022202058 Depuy Ireland Unlimited Company
2022202059 Rise Form Pty Ltd.
2022202060 Chr. Hansen A/S
2022202061 KWOK, C.L.C.
2022202062 Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.
2022202063 Omnicell, Inc.
2022202064 Fisher & Paykel Healthcare Limited
2022202065 NAVICO HOLDING AS
2022202066 Aristocrat Technologies Australia Pty Limited
2022202067 AgriGate Australia Pty Ltd
2022202068 Centripetal Networks, Inc.
2022202102 Pongrass, R.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 22 Mar 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Apple Inc.
(21) 2022100048 **(22)** 24.03.2022
(54) User interfaces for viewing and refining the current location of an electronic device
(62) 2021102652

(71) CMTE Development Limited
(21) 2022100050 **(22)** 25.03.2022
(54) Optical acoustic sensing system and method
(62) 2018223214

(71) Cruisemaster Australia Pty Ltd
(21) 2022100052 **(22)** 29.03.2022
(54) A BUSHING AND A SUSPENSION ASSEMBLY
(62) 2018200775

(71) Miles, S.
(21) 2022100051 **(22)** 28.03.2022
(54) VEHICLE MIRRORS
(62) 2021202062

(71) Zimi Innovations Pty Ltd
(21) 2022100049 **(22)** 24.03.2022
(54) A SYSTEM FOR CONFIGURING A CONTROL DEVICE OF A MESH NETWORK OF CONNECTED DEVICES
(62) 2019208160

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2022100048	Apple Inc.	2022100051	Miles, S.
2022100049	Zimi Innovations Pty Ltd	2022100052	Cruisemaster Australia Pty Ltd
2022100050	CMTE Development Limited		

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

1997

1997025394 (14)

2001

2001255771 (14)

2002

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 2021290365 (7AN) 2021900954 (12AN) 2021901415 (12AN)
 2021901921 (12AN)

2022

2022200035 (1B)

Assignments before Grant, Section 113

2016

2016225278 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The application has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2016353533 Le Mac Australia Holdings Pty Ltd The application has been assigned to **Labelmakers Flexibles and Linerless Pty Ltd**

2016367876 NDC Corporation The application has been assigned to **TOUCH ONE CORPORATION**

2017

2017218601 Möve Bikes GmbH The application has been assigned to **Möve Mobility GmbH**

2017248625 Ecole Superieure de Physique et de Chimie Industrielles de la Ville de Paris The application has been assigned to **ECOLE SUPERIEURE DE PHYSIQUE ET DE CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)**

2017285309 Algotec Systems Ltd. The application has been assigned to **Philips Medical Systems Technologies Ltd**

2017297512 Tate & Lyle Ingredients Americas LLC The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2017339417 HighlightII Pharmaceutical (Hainan) Co., Ltd The application has been assigned to **Hangzhou HighlightII Pharmaceutical Co., Ltd.**

2017353360 The University of Sydney; Wu, Chujun The application has been assigned to **AusMed Global Limited**

2017357822 Selane Products, Inc. The application has been assigned to **R.I.P., LLC**

2017374770 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The application has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2017377073 Tate & Lyle Ingredients Americas LLC The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2018

2018217443 Biotick Pesquisa e Desenvolvimento Tecnológico Ltda.; Fundação Butantan The application has been assigned to **Imunotick**

Assignments before Grant, Section 113

Pesquisa e Desenvolvimento Tecnologico S.A.; Fundação Butantan

2018250616 Tate & Lyle Ingredients Americas LLC The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2018253944 Novaliq GmbH The application has been assigned to **DERMALIQ THERAPEUTICS, INC.**

2018290823 Tate & Lyle Ingredients Americas LLC The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2018329066 Sichuan Baili Pharm Co. Ltd The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2018348735 Viessmann Werke GmbH & Co. KG The application has been assigned to **Viessmann Refrigeration Solutions GmbH**

2018377964 ContiTech Transportbandsysteme GmbH The application has been assigned to **Loc Performance Products, LLC**

2018392703 Tate & Lyle Ingredients Americas LLC The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2018406682 Minoan Medical (Pty) Limited The application has been assigned to **Medinotech, Inc.**

2019

2019217388 Shijiazhuang Sagacity New Drug Development Company, Ltd. The application has been assigned to **Wuxi Biocity Biopharmaceuticals Co., Ltd.**

2019230035 Coral Protocol The application has been assigned to **Strong Force TX Portfolio 2018, LLC**

2019282043 Coral Protocol The application has been assigned to **Strong Force TX Portfolio 2018, LLC**

2019305079 Coral Protocol The application has been assigned to **Strong Force TX Portfolio 2018, LLC**

2019345929 Novaliq GmbH The application has been assigned to **DERMALIQ THERAPEUTICS, INC.**

2020

2020203857 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The application has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2020204524 Biokine Therapeutics Ltd The application has been assigned to **AlonBio Ltd**

2020234722 The University of Sydney The application has been assigned to **The Sydney Children's Hospital Network (Randwick and Westmead) (incorporating The Royal Alexandra Hospital for Children); The University of Sydney**

2020238177 TMS Co., Ltd.; Showa University The application has been assigned to **BioGen MA Inc.; Showa University**

Assignments before Grant, Section 113

2020245115 Systra The application has been assigned to **SYSTRA FRANCE**

2020266956 SHIJIAZHANG SAGACITY NEW DRUG DEVELOPMENT CO., LTD. The application has been assigned to **Wuxi Biocity Biopharmaceuticals Co., Ltd.**

2020277546 Shijiazhuang Sagacity New Drug Development Co., Ltd. The application has been assigned to **Wuxi Biocity Biopharmaceuticals Co., Ltd.**

2020287139 HighlightII Pharmaceutical (Hainan) Co., Ltd The application has been assigned to **Hangzhou HighlightII Pharmaceutical Co., Ltd.**

2020289149 HighlightII Pharmaceutical (Hainan) Co., Ltd The application has been assigned to **Hangzhou HighlightII Pharmaceutical Co., Ltd.**

2020298176 Tate & Lyle Ingredients Americas LLC The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2020330424 Novaliq GmbH The application has been assigned to **DERMALIQ THERAPEUTICS, INC.**

2020347715 Sichuan Baili Pharmaceutical Co., Ltd The application has been assigned to **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.**

2021

2021203026 Humanscale Corporation The application has been assigned to **CAPSA SOLUTIONS LLC**

2021204554 Gilbert, Ronald James; Nilo Global Limited The application has been assigned to **NILO GLOBAL LIMITED; Nilo Global Limited**

2021221889 Tate & Lyle Ingredients Americas LLC The application has been assigned to **Tate & Lyle Solutions USA LLC**

2021221893 Tate & Lyle Ingredients Americas LLC The application has been assigned to **Tate & Lyle Solutions USA LLC**

2021901293 FIRMUS GRID PTY LTD The application has been assigned to **FIRMUS TECHNOLOGIES PTY LTD**

2021901373 FIRMUS GRID PTY LTD The application has been assigned to **FIRMUS TECHNOLOGIES PTY LTD**

2021903829 The University of Melbourne The application has been assigned to **Carbelec Pty Ltd**

2022

2022201058 HighlightII Pharmaceutical (Hainan) Co., Ltd The application has been assigned to **Hangzhou HighlightII Pharmaceutical Co., Ltd.**

2022201061 HighlightII Pharmaceutical (Hainan) Co., Ltd The application has been assigned to **Hangzhou HighlightII Pharmaceutical Co., Ltd.**

Assignments before Grant, Section 113

2022201286 **Mallinckrodt Hospital Products IP Limited** The application has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

Extensions of Time, Section 223

Applications Received

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

2012

2012283681 **Sunnywipes Pty Ltd** An application to extend the time from 13 Jul 2021 to 13 Feb 2022 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015234345 **The Scripps Research Institute; Theraclone Sciences, Inc.; International AIDS Vaccine Initiative** An application to extend the time from 17 Mar 2020 to 17 Jan 2022 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019

2019398735 **NEURENT MEDICAL LIMITED** An application to extend the time from 11 Jul 2021 to 11 Feb 2022 in which to enter the National Phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2021

2021201983 **Le Med Pty Led** An application to extend the time from 15 Jun 2021 to 15 Feb 2022 in which to pay a continuation fee has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

Applications Allowed - Section 223(2)

2017

2017250684 **Skywell, LLC** The time in which to pay a renewal fee has been extended to 13 Nov 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018238190 **Zydex Pty Ltd** The time in which to request examination has been extended to 05 Apr 2022 . Address for service - Phoenix Intellectual Property PO BOX 592 Lane Cove NSW 1595 AU

2018240839 **Zydex Pty Ltd** The time in which to request examination has been extended to 05 Apr 2022 . Address for service - Phoenix Intellectual Property PO BOX 592 Lane Cove NSW 1595 AU

2018240840 **Zydex Pty Ltd** The time in which to request examination has been extended to 05 Apr 2022 . Address for service - Phoenix Intellectual Property PO BOX 592 Lane Cove NSW 1595 AU

Extensions of Time, Section 223

2019

2019459217 **BABYATION INC.** The time in which to enter the National Phase has been extended to 28 Mar 2022 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2020

2020200715 **The Rockefeller University** The time in which to gain acceptance has been extended to 24 Apr 2022 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2020202838 **Trustees of Dartmouth College** The time in which to pay a continuation fee has been extended to 25 Oct 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020332844 **JINGJIN ENVIRONMENTAL PROTECTION INC.** The time in which to enter the National Phase has been extended to 21 Apr 2022 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

Amendments

Applications for Amendment

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

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

2016

2016231296 Process and apparatus for making a hydrophobized fiber cement product **Etex Germany Exteriors GmbH** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016309923 Stackable suitcase, arrangement comprising two suitcases stacked one above the other and method for stacking two suitcases **Rothenberger AG ; Plaston AG** The nature of the amendment is as shown in the statement(s) filed 16 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016378925 Eye treatment system **Edinburgh Biosciences Limited** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017

2017221799 Verification system for a pharmacy packaging system **RxSafe LLC** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017240831 Surgical tray efficiency system and related methods **Flex Operating Room, LLC** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2022 . Address for service -

Amendments

Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017384317 PROCESS FOR PREPARING 7H-PYRROLO[2,3-d]PYRIMIDINE DERIVATIVES AND SYNTHETIC INTERMEDIATES THEREOF **Japan Tobacco Inc. ; LEO Pharma A/S** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017406638 End assembly for a dance exercise pole **X-Pole Asia Limited** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2022 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018

2018282427 COMBINATIONS OF A MUSCARINIC RECEPTOR ANTAGONIST AND A BETA-2 ADRENORECEPTOR AGONIST **Glaxo Group Limited** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018393359 Handle assembly and stapler including the same **Touchstone International Medical Science Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2022 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2019

2019272364 COMMUNICATION METHOD AND COMMUNICATIONS APPARATUS **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019284169 NETWORK CONFIGURATION METHOD AND COMMUNICATIONS APPARATUS **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020201012 Methods for treating homozygous familial hypercholesterolemia **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020239711 User interface for audio message **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read COFFMAN, Patrick L.; KIM, Andrew Seunghyun; KVARDA, Lisa K and MCGANN, Jared K. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020264365 NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST VARIOUS CANCERS **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020267175 ADAPTABLE WIRELESS POWER, LIGHT AND AUTOMATION SYSTEM **Kortek Industries Pty Ltd** The nature of the

Amendments

amendment is as shown in the statement(s) filed 09 Mar 2022 . Address for service - Southern Cross Intellectual Property PO Box 906 Brisbane QLD 4001 AU

2021

2021106875 A method of synthesizing a compound **Michael Buck IP ; Octavian & Desmond PTY LTD** The nature of the amendment is: Amend the name to delete the patentee Michael Buck IP . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

Amendments Made**2006**

2006209547 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 03 Dec 2021

2014

2014240208 **Jarraf Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2021

2016

2016271729 **Kuraray Co., Ltd.** The nature of the amendment is as shown in the statement filed 03 Dec 2021

2017

2017201639 **Fleetsu Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101925

2017202111 **Fujitsu Limited** The nature of the amendment is: Amend the invention title to read Speech recognition and translation terminal, method, and computer readable medium

2017261994 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER EQUIPMENT AND BASE STATION

2017268466 **Quantum-Si Incorporated** The nature of the amendment is as shown in the statement(s) filed 24 Dec 2021

2017285218 **Xencor, Inc.** The nature of the amendment is: Amend the name of the inventor to read Burnett, Matthew; Moore, Gregory; Desjarlais, John; Hedvat, Michael; Bonzon, Christine; Nisthal, Alex and Muchhal, Umesh S.

2017321625 **Xencor, Inc.** The nature of the amendment is: Amend the name of the inventor to read Burnett, Matthew; Moore, Gregory; Desjarlais, John; Hedvat, Michael; Bonzon, Christine and Muchhal, Umesh S.

2017340623 **FMC Corporation** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2021

2017360064 **Lysando AG** The nature of the amendment is as shown in the statement filed 16 Dec 2021

2018

2018253267 **Adjuvance Technologies, Inc.** The nature of the amendment is: Amend the name of the inventor to read CHAN, Aman-

Amendments

da; GARDNER, Jeffrey; NORDSTROEM, Lars; WALKOWICZ, William; MARTIN, J. Tyler and ZHANG, Weidong

2018278315 **Ultragenyx Pharmaceutical Inc.** The nature of the amendment is: Amend the name of the inventor to read Tachikawa, Kiyoshi; Perez-Garcia, Carlos Gustavo; Chivukula, Padmanabh; Bhaskaran, Hari; Cobaugh, Christian W. and Daugherty, Sean Christopher

2018285022 **Sloan Water Technology Limited** The nature of the amendment is as shown in the statement(s) filed 04 Mar 2022

2018293913 **Breville Pty Limited** The nature of the amendment is: Amend the name of the inventor to read THOROGOOD, Michael; LARKIN, Emma; Rosian, Marian Silviu; FOXLEE, Brendan John; ROSE, Vyvyan and LEE, John Chul-Won

2018396965 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2021

2019

2019222919 **Canva Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101827

2019240769 **Breville Pty Limited** The nature of the amendment is: Amend the name of the inventor to read FOXLEE, Brendan; UPSTON, Gregory; MENG, Lichan; ROSIAN, Marian Silviu; ROSE, Vyvyan and SHEN, William

2019265196 **KoBioLabs, Inc.** The nature of the amendment is: To amend the applicant name to read KoBioLabs, Inc.

2019274350 **KoBioLabs, Inc.** The nature of the amendment is: To amend the applicant name to read KoBioLabs, Inc.

2019274351 **KoBioLabs, Inc.** The nature of the amendment is: To amend the applicant name to read KoBioLabs, Inc.

2019352538 **Comrod AS** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2022

2019422026 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 20 Dec 2021

2019450666 **Material Technology Innovations Co., Ltd.** The nature of the amendment is: Remove the names of inventors WANG, Guodong and LUI, Zhapuyan and Add the names of co-inventors as ZHOU, Shu; QIN, Huajie and WANG, Guodong

2019469886 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Approximate function calculation apparatus, method and program

2020

2020201600 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 04 Jan 2022

2020202386 **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2021

Amendments

2020244565 **NxStage Medical, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2021

2020259139 **Umicore** The nature of the amendment is: Amend the invention title to read Process for the recovery of metals from a Li-containing starting material

2020260416 **The Raymond Corporation** The nature of the amendment is: Amend the name of the inventor to read Goncalves, Fernando; Kirk, John Bryant; Dolezel, Keith; Weiss, Joseph A. and Al-Shaebi, Abdulhameed

2020277027 **PTC Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read SYDORENKO, Nadiya; ALAM, Rauful; AMEDZO, Lukiana; ARNOLD, Michael A.; BABU, Suresh; BHATTACHARYYA, Anuradha; KARP, Gary Mitchell; KENTON, Nathaniel T.; LUONG, Tom Tuan; MAZZOTTI, Anthony R.; MOON, Young-Choon; MORRILL, Christie; MSZAR, Nicholas Walter; NARASIMHAN, Jana; PATEL, Jigar S.; REN, Hongyu; TURPOFF, Anthony; WANG, Gang; WOLL, Matthew G.; ZHANG, Nanjing and ZHANG, Xiaoyan

2020280027 **FuelGems Inc.** The nature of the amendment is as shown in the statement filed 09 Mar 2022

2020302831 **Breville Pty Limited** The nature of the amendment is: Amend the name of the inventor to read KONG, Tae-Kyung; LEUNG, Alex Ming Duk; TOFAILI, Ali; PSAROLOGOS, Con and MCCLEAN, Stephen John

2020319063 **Memorial Sloan Kettering Cancer Center** The nature of the amendment is: Amend the name of the inventor to read MEDINA-MARTINEZ, Juan Santiago; PAPPAMMANUIL, Elli; KUNG, Andrew; OSSA, Juan Esteban Arango and LEVINE, Max Fine

2020321288 **FORSCHUNGSZENTRUM BORSTEL LEIBNIZ LUNGENZENTRUM** The nature of the amendment is: Amend the invention title to read Device for supportive ventilation of a living being and computer program

2020323591 **Immunome, Inc.** The nature of the amendment is: Amend the invention title to read IL-38 specific antibodies

2020329461 **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is: Amend the invention title to read Sidelink Resource Mapping Method, Sidelink Resource Transmission Method, Network Device, and Terminal Device

2020341168 **Tripod Design Co., Ltd.** The nature of the amendment is: Amend the invention title to read System and apparatus

2020341209 **LG Energy Solution, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and battery rack and energy storage system comprising the same

2020348701 **Zeng, G.** The nature of the amendment is: Amend the invention title to read Small sliding multiple plug

2020350774 **Maurer, S.** The nature of the amendment is: To amend the applicant name to read Scott Maurer

Amendments

2020350774 **Maurer, S.** The nature of the amendment is: Amend the name of the inventor to read MAURER, Scott

2020350921 **Shenzhen Shokz Co., Ltd.** The nature of the amendment is: Amend the invention title to read ACOUSTIC OUTPUT APPARATUS

2020362766 **EBS RV Technology Co., Ltd** The nature of the amendment is: Amend the invention title to read Expanded Mobile Home and Recreational Vehicle Using Same

2020438051 **Hitachi, Ltd.** The nature of the amendment is: Amend the invention title to read Resource operation planning assistance apparatus and resource operation planning assistance method

2020457381 **Qingdao University of Technology** The nature of the amendment is: Amend the invention title to read CONCRETE FOR 3D PRINTING OF COASTAL SPECIAL-SHAPED STRUCTURE, AND PROCESSING METHOD AND APPLICATION THEREOF

2021

2021107181 **Reflex Industries Asia Pacific Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Lawie, David Charles and Jackson, John Carl

2021204549 **Arvinas Operations, Inc.** The nature of the amendment is: Amend the name of the inventor to read Crew, Andrew P.; Qian, Yimin; Dong, Hanqing; Wang, Jing and Hornberger, Keith R.

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

2004

2004215489 Vaccibody AS The name of the patentee has been altered to **Nykode Therapeutics AS**

2006

2006269292 Jibbitz LLC The name of the patentee has been altered to **JIBBITZ, INC.**

2011

2011268934 Vaccibody AS The name of the patentee has been altered to **Nykode Therapeutics AS**

2011299668 IPN IP B.V. The name of the patentee has been altered to **Scholle IPN IP B.V.**

2012

2012356969 Vaccibody AS The name of the patentee has been altered to **Nykode Therapeutics AS**

2013

2013240651 IPN IP B.V. The name of the patentee has been altered to **Scholle IPN IP B.V.**

2013257497 Kobe Precision Technology Sdn. Bhd. The name of the patentee has been altered to **Kobelco Precision Technology Sdn. Bhd.**

Amendments

2014

2014291854 University of Plymouth The name of the patentee has been altered to **PulsIV Limited**

2014307860 IPN IP B.V. The name of the patentee has been altered to **Scholle IPN IP B.V.**

2015

2015348082 University of Plymouth The name of the patentee has been altered to **PulsIV Limited**

2015377818 University of Plymouth The name of the patentee has been altered to **PulsIV Limited**

2016

2016207875 University of Plymouth The name of the patentee has been altered to **PulsIV Limited**

2016314898 Guangzhou BeBetter Medicine Technology Co., LTD. The name of the patentee has been altered to **BEBETTER MED INC.**

2016333188 Guangzhou BeBetter Medicine Technology Co., LTD. The name of the patentee has been altered to **BEBETTER MED INC.**

2016355337 USA Industries, Inc. The name of the applicant has been altered to **USA Industries, LLC**

2016379390 Prodeon, Inc. The name of the patentee has been altered to **Prodeon Medical Corporation**

2017

2017201967 IPN IP B.V. The name of the patentee has been altered to **Scholle IPN IP B.V.**

2017205270 Vaccibody AS The name of the applicant has been altered to **Nykode Therapeutics AS**

2017258901 Oncology Venture ApS The name of the applicant has been altered to **Allarity Therapeutics Europe ApS**

2017261994 NTT DoCoMo, Inc. The name of the applicant has been altered to **NTT DOCOMO, INC.**

2017289267 Galary, Inc. The name of the patentee has been altered to **Galvanize Therapeutics, Inc.**

2017331331 BioNTech AG ; Astellas Pharma Inc. The name of the applicant has been altered to **BioNTech SE; Astellas Pharma Inc.**

2017368070 XStream Trucking Inc. The name of the patentee has been altered to **TRUCKLABS, INC.**

2018

2018202878 Oncology Venture ApS The name of the applicant has been altered to **Allarity Therapeutics Europe ApS**

Amendments

2018261896 Prodeon, Inc. The name of the applicant has been altered to **Prodeon Medical Corporation**

2018311725 Guangzhou BeBetter Medicine Technology Co., LTD. The name of the patentee has been altered to **BEBETTER MED INC.**

2018344766 Vald Performance Pty Ltd The name of the applicant has been altered to **VALD Pty Ltd**

2018348794 Atomo Diagnostics Pty Limited The name of the applicant has been altered to **Atomo Diagnostics Limited**

2018392008 USA Industries, Inc. The name of the applicant has been altered to **USA Industries, LLC**

2018397478 Galary, Inc. The name of the applicant has been altered to **Galvanize Therapeutics, Inc.**

2018397685 Galary, Inc. The name of the applicant has been altered to **Galvanize Therapeutics, Inc.**

2019

2019346023 Vaccibody AS The name of the applicant has been altered to **Nykode Therapeutics AS**

2019461734 NTT DoCoMo, Inc. The name of the applicant has been altered to **NTT DOCOMO, INC.**

2020

2020202958 JANOME SEWING MACHINE CO.,LTD The name of the applicant has been altered to **JANOME Corporation**

2020204205 Square, Inc. The name of the applicant has been altered to **Block, Inc.**

2020257266 Galary, Inc. The name of the applicant has been altered to **Galvanize Therapeutics, Inc.**

2020304050 USA Industries, Inc. The name of the applicant has been altered to **USA Industries, LLC**

2020314830 Galary, Inc. The name of the applicant has been altered to **Galvanize Therapeutics, Inc.**

2020325760 Ethicon, Inc.; Cilag GmbH International The name of the applicant has been altered to **Ethicon, Inc.**

2020340424 Shattuck Labs. Inc. The name of the applicant has been altered to **Shattuck Labs, Inc.**

2020345857 Elecsys IP Pty Ltd The name of the applicant has been altered to **eleXsys IP Pty Ltd**

2020361688 Jaco Enterprises, Inc. The name of the applicant has been altered to **EARVOLUTION, INC.**

2020371497 Dexter Axle Company The name of the applicant has been altered to **Dexter Axle Company, LLC**

Amendments

2020405482 Shenzhen Rhegen Biomedical Technology Co., Ltd. The name of the applicant has been altered to **ShenZhen Rhegen Biotechnology Co., Ltd.**

2021

2021201742 Urquhart Golf Limited The name of the applicant has been altered to **Q GOLF LTD**

2021254532 Urquhart Golf Limited The name of the applicant has been altered to **Q GOLF LTD**

2021266354 Galary, Inc. The name of the applicant has been altered to **Galvanize Therapeutics, Inc.**

2021901570 Barreiro, Manuel The name of the applicant has been altered to **Barreiro, M.V.**

2021902352 Atomo Diagnostics Pty Limited The name of the applicant has been altered to **Atomo Diagnostics Limited**

2021902357 Atomo Diagnostics Pty Limited The name of the applicant has been altered to **Atomo Diagnostics Limited**

2021902876 Barreiro, Manuel The name of the applicant has been altered to **Barreiro, M.V.**

2022

2022200283 BioNTech AG; Astellas Pharma Inc. The name of the applicant has been altered to **BioNTech SE; Astellas Pharma Inc.**

Applications Open to Public Inspection

Name Index

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

<p>(71) Zseventy bio, Inc. (11) AU-A-2022201775 (21) 2022201775 (22) 15.03.2022 (54) TGFβ signal convertor (51) Int. Cl. <i>C07K 14/705</i> (2006.01) <i>A61K 38/00</i> (2006.01) <i>C12N 9/12</i> (2006.01) (43) 07.04.2022 (62) 2017362484 (72) Boyerinas, Benjamin (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Acceleron Pharma Inc. (11) AU-A-2022201698 (21) 2022201698 (22) 11.03.2022 (54) Variant ActRIIB proteins and uses thereof (51) Int. Cl. <i>C07K 14/71</i> (2006.01) <i>A61K 38/17</i> (2006.01) <i>A61P 7/06</i> (2006.01) <i>C07K 16/46</i> (2006.01) (43) 07.04.2022 (62) 2017338916 (72) KUMAR, Ravindra; GRINBERG, Asya; VOGAN, Erik M. (74) Spruson & Ferguson</p>	<p>(21) 2022201791 (22) 15.03.2022 (54) Anti-OX40 antibodies and methods of use thereof (51) Int. Cl. <i>C07K 16/28</i> (2006.01) (43) 07.04.2022 (62) 2016256911 (72) VAN DIJK, Marc; RITTER, Gerd; SCHAER, David; MERGHOUB, Taha; BREOUS-NYSTROM, Eka-terina; SEIBERT, Volker; HIRSCH-HORN-CYMERMAN, Daniel; TANG, Hao; SAVITSKY, David A.; WILSON, Nicholas S.; WAIGHT, Jeremy (74) Spruson & Ferguson</p>
<p>(71) A.P.I. Italia S.r.l. (11) AU-A-2021236450 (21) 2021236450 (22) 21.09.2021 (54) Modular Pool and Process for Making said Pool (51) Int. Cl. <i>E04H 4/00</i> (2006.01) (31) 102020000022462 (32) 23.09.20 (33) IT (43) 07.04.2022 (72) MILANI, Alessandro (74) A.P.T. Patent and Trade Mark Attorneys</p>	<p>(71) Aché Laboratórios Farmacêuticos S.A. (11) AU-A-2022201835 (21) 2022201835 (22) 16.03.2022 (54) Plant extracts enriched with ipolamiide derivatives as immunosuppressants for treating immunological disorders (51) Int. Cl. <i>C07D 311/94</i> (2006.01) <i>A61K 31/201</i> (2006.01) <i>A61K 31/215</i> (2006.01) <i>A61K 31/352</i> (2006.01) <i>A61P 37/06</i> (2006.01) <i>C07C 59/42</i> (2006.01) <i>C07C 69/608</i> (2006.01) (43) 07.04.2022 (62) 2018221956 (72) Guimarães, Cristiano Ruch Werneck; Vitor, Carlos Eduardo; Pessa, Lisandra Ravanelli; Reis, Romulo Dragani; Mascarello, Alessandra; Gama, Fernando Henrique De Souza (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Alarm.Com Incorporated (11) AU-A-2022201806 (21) 2022201806 (22) 16.03.2022 (54) ROBOTIC ASSISTANCE IN SECURITY MONITORING (51) Int. Cl. <i>B64C 27/08</i> (2006.01) <i>B64C 39/00</i> (2006.01) <i>G08B 13/00</i> (2006.01) <i>G08B 25/00</i> (2006.01) <i>G08B 25/14</i> (2006.01) <i>G08B 27/00</i> (2006.01) (43) 07.04.2022 (62) 2021269286 (72) Kerzner, Daniel (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) A & T EUROPE S.P.A. (11) AU-A-2021221907 (21) 2021221907 (22) 27.08.2021 (54) SYSTEM FOR THE REMOVAL OF VOLATILE PRODUCTS RESULTING FROM THE DISINFECTION OF WATER IN A SWIMMING POOL (51) Int. Cl. <i>B08B 15/00</i> (2006.01) <i>C02F 1/20</i> (2006.01) <i>C02F 1/76</i> (2006.01) <i>C02F 7/00</i> (2006.01) <i>E04H 4/12</i> (2006.01) (31) 102020000022303 (32) 22.09.20 (33) IT (43) 07.04.2022 (72) Colletto, Roberto (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Aerie Pharmaceuticals, Inc. (11) AU-A-2022201709 (21) 2022201709 (22) 11.03.2022 (54) MONO-(ACID) SALTS OF 6-AMINOISOQUINOLINES AND USES THEREOF (51) Int. Cl. <i>C07D 217/22</i> (2006.01) <i>A61K 31/47</i> (2006.01) (43) 07.04.2022 (62) 2019245390 (72) DELONG, Mitchell A.; STURDIVANT, Jill M.; LICHOROWIC, Cynthia L.; LIN, Cheng-Wen (74) K&L Gates</p>	<p>(71) Allergan, Inc. (11) AU-A-2022201879 (21) 2022201879 (22) 18.03.2022 (54) Microimplants for ocular administration (51) Int. Cl. <i>A61F 9/00</i> (2006.01) <i>A61K 9/00</i> (2006.01) (43) 07.04.2022 (62) 2020203223 (72) Nivaggioli, Thierry; Weber, David A. (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ABB Schweiz AG (11) AU-A-2021221420 (21) 2021221420 (22) 23.08.2021 (54) Holder for cable conduits (51) Int. Cl. <i>F16L 3/10</i> (2006.01) <i>F16L 3/223</i> (2006.01) <i>H02G 3/04</i> (2006.01) (31) 20 196 993.8 (32) 18.09.20 (33) EP 20 209 708.5 25.11.20 EP (43) 07.04.2022 (72) HÜPPI-ZIEGLER, Roger; GUELLER, Martin (74) FB Rice Pty Ltd</p>	<p>(71) Altor BioScience Corporation (11) AU-A-2022201758 (21) 2022201758 (22) 14.03.2022 (54) IL-15-based molecules and methods of use thereof (51) Int. Cl. <i>A61K 39/00</i> (2006.01) <i>A61K 39/385</i> (2006.01) <i>A61P 35/00</i> (2006.01) (43) 07.04.2022 (62) 2020204408 (72) Liu, Bai; Rhode, Peter; Xu, Wenxin; Wong, Hing C. (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>	

Applications Open to Public Inspection - Name Index cont'd

-
- (71) AMES Australasia Pty Ltd
 (11) AU-A-2021206786
 (21) 2021206786 (22) 19.07.2021
 (54) Height-adjustable Clothes Airer
 (51) Int. Cl.
D06F 57/08 (2006.01)
-
- (31) 2020903368 (32) 20.09.20 (33) AU
 (43) 07.04.2022
 (72) Ovens, Dean Geoffery
 (74) Davies Collison Cave Pty Ltd
-
- (71) Amgen Inc.
 (11) AU-A-2022201696
 (21) 2022201696 (22) 11.03.2022
 (54) Injector and method of assembly
 (51) Int. Cl.
A61M 5/178 (2006.01)
A61M 5/24 (2006.01)
-
- (43) 07.04.2022
 (62) 2019261688
 (72) GIBSON, Scott R.
 (74) Spruson & Ferguson
-
- (71) Angel Group Co., Ltd.
 (11) AU-A-2022201701
 (21) 2022201701 (22) 11.03.2022
 (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS
 (51) Int. Cl.
A63F 1/18 (2006.01)
G06Q 50/34 (2012.01)
-
- (43) 07.04.2022
 (62) 2021200820
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Angel Group Co., Ltd.
 (11) AU-A-2022201707
 (21) 2022201707 (22) 11.03.2022
 (54) Disposal box for used playing cards
 (51) Int. Cl.
A63F 1/06 (2006.01)
B65D 25/56 (2006.01)
B65F 1/00 (2006.01)
-
- (43) 07.04.2022
 (62) 2020203142
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd
-
- (71) Apex Brands, Inc.
 (11) AU-A-2022201767
 (21) 2022201767 (22) 15.03.2022
 (54) PIPE WRENCH WITH IMPROVED DESIGN FOR SIDE BITE
 (51) Int. Cl.
B25B 7/00 (2006.01)
B25B 7/02 (2006.01)
B25B 13/08 (2006.01)
B25B 13/12 (2006.01)
B25B 13/50 (2006.01)
B25B 23/00 (2006.01)
B67B 7/00 (2006.01)
-
- (43) 07.04.2022
 (62) 2019417576
 (72) Steen, Noah Thomas; Gilmore, Kelsey David
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Apex Neuro Holdings, Inc.
 (11) AU-A-2021200308
 (21) 2021200308 (22) 19.01.2021
 (54) Devices and methods for using mechanical affective touch therapy to reduce stress, anxiety and depression
 (51) Int. Cl.
A61H 23/02 (2006.01)
-
- (31) 17/026,268 (32) 20.09.20 (33) US
 (43) 07.04.2022
 (72) Garikapati, Durga Sahithi; Hagberg, Sean; Kress, Francois
 (74) Spruson & Ferguson
-
- (71) Apple Inc.
 (11) AU-A-2022201761
 (21) 2022201761 (22) 15.03.2022
 (54) Physical activity and workout monitor
 (51) Int. Cl.
A61B 5/00 (2006.01)
-
- (43) 07.04.2022
 (62) 2021201130
 (72) BLAHNIK, Jay; BUTCHER, Gary Ian; CHEN, Kevin Will; GRAHAM, David Chance; KEEN, Daniel S.; RUSHING, Justin Shane; SHORTLIDGE, T. Allan; DAVYDOV, Anton M.; DYE, Alan C.; IVE, Jonathan P.; KENNEDY, Zachery; MINJACK, Zachury; PARK, Dennis S.; SCHMITT, Brian
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2022201810
 (21) 2022201810 (22) 16.03.2022
 (54) Media browsing user interface with intelligently selected representative media items
 (51) Int. Cl.
G06F 16/44 (2019.01)
G06F 3/01 (2006.01)
G06F 3/0482 (2013.01)
G06F 16/54 (2019.01)
G06F 16/74 (2019.01)
-
- (43) 07.04.2022
 (62) 2020267396
 (72) CLARKE, Graham R.; AUJOLET, Kevin; BESSIERE, Kevin; BOVET, Simon; CIRCLAEYS, Eric M.G.; DELLINGER, Richard R.; DEVINE, Lynne; DYE, Alan C.; GOBERA RUBALCAVA, Daniel E.; HIRMER, Benedikt; KARLSSON, Andreas; LEBLANC, Chelsea; LUCAS, Matthieu; MANZARI, Behkish J.; RYAN, Nicole R.; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; SUZUKI, Gregg; TATARCHUK, Sergey; TITI, Justin
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2022201823
 (21) 2022201823 (22) 16.03.2022
 (54) Systems and methods for displaying aggregated health records
 (51) Int. Cl.
G16H 10/60 (2018.01)
G16H 40/20 (2018.01)
-
- (43) 07.04.2022
 (62) 2019210192
 (72) SOLI, Christopher D.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Applikon Biotechnology B.V.
 (11) AU-A-2022201862
 (21) 2022201862 (22) 17.03.2022
 (54) 2019322227
 (51) Int. Cl.
C12M 1/00 (2006.01)
-
- (43) 07.04.2022
 (62) 2019322227
 (72) Walvoort, Wilbert Timotheüs; Oostra, Jaap
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Ardelyx, Inc.
 (11) AU-A-2022201708
 (21) 2022201708 (22) 11.03.2022
 (54) Compounds and methods for inhibiting phosphate transport
 (51) Int. Cl.
A61K 38/10 (2006.01)
A61K 31/197 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4427 (2006.01)
A61P 13/12 (2006.01)
-
- (43) 07.04.2022
 (62) 2019271918
 (72) Charmot, Dominique; Lewis, Jason G.; Jacobs, Jeffrey W.; Langsetmo, Ingrid; Carreras, Christopher
 (74) Davies Collison Cave Pty Ltd
-
- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2021236541
 (21) 2021236541 (22) 23.09.2021
 (54) LIFT ASSEMBLY AND MOUNT FOR A MONITOR OF AN ELECTRONIC GAMING MACHINE
 (51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/90 (2014.01)
-
- (31) 63/082,862 (32) 24.09.20 (33) US
 63/082,858 24.09.20 US
 63/082,854 24.09.20 US
 17/384,199 23.07.21 US
-
- (43) 07.04.2022
 (72) BARBOUR, Timothy; RODD, Donald
 (74) Griffith Hack
-
- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2021236542
 (21) 2021236542 (22) 23.09.2021
 (54) SYMBOL FRAME MECHANICS FOR RANDOM BASED GAME OUTCOMES
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

G07F 17/32 (2006.01)
(31) 16/948,606 **(32)** 24.09.20 **(33)** US
(43) 07.04.2022
(72) DELEKTA, Scott; ENGLMAN, Allon
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2021236544
(21) 2021236544 **(22)** 23.09.2021
(54) FEATURE SYMBOL FRAME MECHANIC FOR RANDOM BASED GAME OUTCOMES
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 16/948,607 **(32)** 24.09.20 **(33)** US
(43) 07.04.2022
(72) UBERUAGA, Christmas; DELEKTA, Scott; ENGLMAN, Allon
(74) Griffith Hack

(71) Array Technologies, INC.
(11) AU-A-2022201695
(21) 2022201695 **(22)** 11.03.2022
(54) MOUNTING BRACKET ASSEMBLIES AND METHODS
(51) Int. Cl.
F16B 5/06 (2006.01)
F16B 2/14 (2006.01)
H02S 20/20 (2014.01)
(43) 07.04.2022
(62) PCT/US2017/020558
(72) Corio, Ronald; Williamson, John; McLane, Kaleb
(74) Phoenix Intellectual Property

(71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2022201807
(21) 2022201807 **(22)** 16.03.2022
(54) Organic compositions to treat HSF1-related diseases
(51) Int. Cl.
C12N 15/113 (2010.01)
(43) 07.04.2022
(62) 2019213316
(72) HINKLE, Gregory; KUCHIMANCHI, Satayanarayana; MILSTEIN, Stuart; WARMUTH, Markus; ZHOU, Wenlai; ZHU, Ping; ZIMMERMANN, Tracy S.
(74) Davies Collison Cave Pty Ltd

(71) Astellas Institute for Regenerative Medicine
(11) AU-A-2022201847
(21) 2022201847 **(22)** 16.03.2022
(54) Improved methods of producing RPE cells and compositions of RPE cells
(51) Int. Cl.
C12N 5/02 (2006.01)
C12N 5/071 (2010.01)
(43) 07.04.2022
(62) 2019226198
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(74) Griffith Hack

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(11) AU-A-2021212120
(21) 2021212120 **(22)** 06.08.2021
(54) Controlling a vehicle based on detected movement of an object
(51) Int. Cl.
G05D 1/02 (2020.01)
G05B 13/02 (2006.01)
G06F 3/01 (2006.01)
G06K 9/00 (2006.01)
(31) 63/081,991 **(32)** 23.09.20 **(33)** US
(43) 07.04.2022
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(11) AU-A-2021221476
(21) 2021221476 **(22)** 24.08.2021
(54) A BUCKET FOR HANDLING GROUND MATERIAL
(51) Int. Cl.
E02F 3/40 (2006.01)
B23P 6/00 (2006.01)
E02F 9/28 (2006.01)
(31) 2020903358 **(32)** 18.09.20 **(33)** AU
 2020904845 24.12.20 AU
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(72) HALL, Jamie Vincent Clarke
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Bachmann Innovations Pty Limited
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(21) 2022201836 **(22)** 16.03.2022
(54) A Drawer
(51) Int. Cl.
A47B 47/02 (2006.01)
A47B 47/00 (2006.01)
A47B 47/03 (2006.01)
(43) 07.04.2022
(62) 2019210616
(72) Bachmann, Walter
(74) Adams Pluck

(71) Baylor College of Medicine
(11) AU-A-2022201744
(21) 2022201744 **(22)** 14.03.2022
(54) NKT-cell subset for in vivo persistence and therapeutic activity and propagation of same
(51) Int. Cl.
A61K 39/395 (2006.01)
C12N 5/0783 (2010.01)
(43) 07.04.2022
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(74) AJ PARK

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(21) 2022201766 **(22)** 15.03.2022
(54) Cyclophosphamide analogs for use as immunogens and assay conjugates for an immunoassay of cyclophosphamide and ifosfamide

(51) Int. Cl.
A61P 37/06 (2006.01)
A61K 36/31 (2006.01)
(43) 07.04.2022
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(72) Dwyer, Brian P.
(74) FB Rice Pty Ltd

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(21) 2022201785 **(22)** 15.03.2022
(54) Disinfection cap for IV needleless connectors
(51) Int. Cl.
A61M 39/20 (2006.01)
A61M 5/00 (2006.01)
A61M 25/18 (2006.01)
A61M 39/00 (2006.01)
A61M 39/16 (2006.01)
B08B 3/08 (2006.01)
F16K 51/00 (2006.01)
(43) 07.04.2022
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(72) RYAN, Kevin M.; CHARLES, Nichola
(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2022201843
(21) 2022201843 **(22)** 16.03.2022
(54) Drive assembly and spacer for drug delivery system
(51) Int. Cl.
A61M 5/145 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(43) 07.04.2022
(62) 2017277770
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(74) FB Rice Pty Ltd

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(21) 2022201685

(71) Beijing Geekplus Technology Co., Ltd.
(11) AU-A-2022201885
(21) 2022201885 **(22)** 18.03.2022
(54) Robot control system and method, computing device, and storage medium
(51) Int. Cl.
B25J 13/00 (2006.01)
B25J 9/16 (2006.01)
B65G 1/04 (2006.01)
(43) 07.04.2022
(62) 2019339988
(72) LIU, Kai; WANG, Mengdi; BAI, Yixin
(74) FB Rice Pty Ltd

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(11) AU-A-2022201731
(21) 2022201731 **(22)** 11.03.2022
(54) Heparanase inhibitors and use thereof
(51) Int. Cl.

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A61K 31/498 (2006.01)
A61P 3/00 (2006.01)
A61P 27/02 (2006.01)
A61P 35/00 (2006.01)
C07D 239/95 (2006.01)
C07D 403/04 (2006.01)
C07D 403/06 (2006.01)
C07D 403/12 (2006.01)
C07D 405/06 (2006.01)
C07D 413/06 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
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(62) 2017376818
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2022201784 (22) 15.03.2022
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(51) Int. Cl.
G06Q 10/04 (2012.01)
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(74) Davies Collison Cave Pty Ltd
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- (71) Board of Regents, The University of Texas System; Cottongen, LLC
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(21) 2022201881 (22) 18.03.2022
(54) Fungicide enhancers effective for treating plants infected with fungal pathogens
(51) Int. Cl.
A01N 43/40 (2006.01)
A01N 25/32 (2006.01)
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(62) 2020203833
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2022201732
(21) 2022201732 (22) 11.03.2022
(54) METHODS AND SYSTEMS FOR USING MULTI VIEW POSE ESTIMATION
(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 1/01 (2006.01)
A61B 1/267 (2006.01)
A61B 5/055 (2006.01)
A61B 5/08 (2006.01)
A61B 5/11 (2006.01)
A61B 6/03 (2006.01)
A61B 8/08 (2006.01)
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(62) 2017231889
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2022201855
(21) 2022201855 (22) 17.03.2022
(54) Adaptive electrical neurostimulation treatment to reduce pain perception
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
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(62) 2019275411
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(21) 2022201777 (22) 15.03.2022
(54) Blood testing system and method
(51) Int. Cl.
A61M 25/00 (2006.01)
A61M 39/00 (2006.01)
A61M 39/06 (2006.01)
B01L 3/00 (2006.01)
G01N 33/00 (2006.01)
G01N 33/48 (2006.01)
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(62) 2021200600
(72) Hillman, Robert; Gorin, Michael M.; McCluskey, Cory Lee; Schwaiger, Hubert Martin
(74) FB Rice Pty Ltd
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(11) AU-A-2021236444
(21) 2021236444 (22) 20.09.2021
(54) LASER MARKED OPTICALLY VARIABLE DEVICE
(51) Int. Cl.
B42D 25/342 (2014.01)
- (31) 3,094,381 (32) 24.09.20 (33) CA
(43) 07.04.2022
(72) THURAILINGAM, Thivaharan; CRISAN, Silviu
(74) Halfords IP
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- (71) CFPH, LLC
(11) AU-A-2022201880
(21) 2022201880 (22) 18.03.2022
(54) GAMES USING FINANCIAL INDICATORS AS RANDOM NUMBER GENERATORS
(51) Int. Cl.
A63F 9/24 (2006.01)
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(62) 2020202645
(72) Garrood, Andrew; Puckeridge, David A.; Johal, Paul
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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(54) DEVICES FOR GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
- (43) 07.04.2022
(62) 2020204455
(72) Williams, Paul; Morrisette, Matthew; Flaherty, Phillip; Singleton, Quinton; Tam, Kathleen
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Chamber Saver Pty Ltd
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(21) 2020223743 (22) 27.08.2020
(54) BALER LINERS
(51) Int. Cl.
A01F 15/04 (2006.01)
A01F 15/08 (2006.01)
B30B 9/30 (2006.01)
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(72) Humble, Andrew Craig; Zilm, Anthony Paul Carlton; Shanahan, Thomas
(74) Madderns Pty Ltd
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- (71) Commonwealth Scientific and Industrial Research Organisation
(11) AU-A-2022201774
(21) 2022201774 (22) 15.03.2022
(54) Object Moving System
(51) Int. Cl.
H04N 5/265 (2006.01)
H04N 7/18 (2006.01)
H04N 9/47 (2006.01)
H04N 13/204 (2018.01)
- (43) 07.04.2022
(62) 2020331567
(72) Flick, Paul; Panitz, Nic; Dean, Peter; Elmoutie, Marc; Liang, Sisi; Steindl, Ryan; Cordie, Troy; Bandyopadhyay, Tirtha
(74) Davies Collison Cave Pty Ltd
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- (71) Commonwealth Scientific and Industrial Research Organisation
(11) AU-A-2022201821
(21) 2022201821 (22) 16.03.2022
(54) Object monitoring
(51) Int. Cl.
G06Q 10/06 (2012.01)
H04W 4/30 (2018.01)
H04W 4/80 (2018.01)
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(62) 2020331565
(72) Valencia, Philip Juan; Heaney, Nicholas Alexander
(74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2022201714
 (21) 2022201714 (22) 11.03.2022
 (54) TRANSACTION CARD WITH EMBEDDED ELECTRONIC COMPONENTS AND PROCESS FOR MANUFACTURE
 (51) Int. Cl.
G06K 19/077 (2006.01)
G06K 19/02 (2006.01)
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 (74) Houlihan² Pty Ltd

(71) Containit Pty Ltd
 (11) AU-A-2022201840
 (21) 2022201840 (22) 16.03.2022
 (54) A Cabinet and an Associated Method
 (51) Int. Cl.
A47B 96/00 (2006.01)
A47B 91/00 (2006.01)
B25H 1/02 (2006.01)
B25H 1/12 (2006.01)
 (43) 07.04.2022
 (62) 2016231487
 (72) Mansley, Stephen Philip
 (74) Adams Pluck

(71) Continuous Composites Inc.
 (11) AU-A-2022201897
 (21) 2022201897 (22) 18.03.2022
 (54) Systems and methods for controlling additive manufacturing
 (51) Int. Cl.
B28B 17/00 (2006.01)
B29C 35/08 (2006.01)
B29C 41/08 (2006.01)
B29C 43/02 (2006.01)
B29C 67/06 (2017.01)
B29C 70/64 (2006.01)
B41J 2/22 (2006.01)
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 (74) Spruson & Ferguson

(71) Cornell University
 (11) AU-A-2022201907
 (21) 2022201907 (22) 18.03.2022
 (54) METHOD FOR IDENTIFICATION AND ENUMERATION OF NUCLEIC ACID SEQUENCE, EXPRESSION, COPY, OR DNA METHYLATION CHANGES, USING COMBINED NUCLEASE, LIGASE, POLYMERASE, AND SEQUENCING REACTIONS
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C12Q 1/68 (2018.01)
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 (74) Phillips Ormonde Fitzpatrick

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 (21) 2022201881

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 (11) AU-A-2022201850
 (21) 2022201850 (22) 17.03.2022
 (54) Chromosomal Identification
 (51) Int. Cl.
H04L 9/08 (2006.01)
H04L 9/32 (2006.01)
 (43) 07.04.2022
 (62) 2019320572
 (72) Croall, Paul
 (74) Raven IP

(71) Cystic Fibrosis Foundation Therapeutics, Inc.
 (11) AU-A-2022201816
 (21) 2022201816 (22) 16.03.2022
 (54) Pyrrolopyrimidines as CFTR potentiators
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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 (72) STROHBACH, Joseph Walter; LIMBURG, David Christopher; MATHIAS, John Paul; THORARENSEN, Atli; DENNY, Rajiah Aldrin; ZAPF, Christoph Wolfgang; ELBAUM, Daniel; GAVRIN, Lori Krim; EFREMOV, Ivan Viktorovich
 (74) Spruson & Ferguson

(71) CytomX Therapeutics, Inc.
 (11) AU-A-2022201793
 (21) 2022201793 (22) 15.03.2022
 (54) Anti-PDL1 antibodies, activatable anti-PDL1 antibodies, and methods of use thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 49/00 (2006.01)
G01N 33/53 (2006.01)
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 (62) 2016233495
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 (74) Spruson & Ferguson

(71) Datt Life Science Private Limited
 (11) AU-A-2022201887
 (21) 2022201887 (22) 18.03.2022
 (54) A ready to use biodegradable and biocompatible cell-based nerve conduit for nerve injury and a method of preparation thereof
 (51) Int. Cl.
A61L 27/26 (2006.01)
A61L 27/20 (2006.01)
A61L 27/22 (2006.01)

A61L 27/24 (2006.01)
A61L 27/56 (2006.01)
C12M 3/00 (2006.01)
C12N 5/071 (2010.01)
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(71) Deco Australia Pty Ltd
 (11) AU-A-2021232797
 (21) 2021232797 (22) 17.09.2021
 (54) Wall Cladding System
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04F 13/072 (2006.01)
E04F 13/12 (2006.01)
 (31) 2020903360 (32) 18.09.20 (33) AU
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 (72) Doonan, Ross; Hamber, Richard
 (74) ACROGON GROUP PTY LTD

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 (21) 2021218104 (22) 19.08.2021
 (54) Harvester crop mapping
 (51) Int. Cl.
A01D 45/10 (2006.01)
A01B 79/00 (2006.01)
A01D 41/14 (2006.01)
A01D 47/00 (2006.01)
 (31) 17/027,451 (32) 21.09.20 (33) US
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 (72) Gunda, Rahul; Dugas, Bryan E.; Padwal, Bhalchandra
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2021218108
 (21) 2021218108 (22) 19.08.2021
 (54) Work machine with automatic pitch control of implement
 (51) Int. Cl.
E02F 3/84 (2006.01)
E02F 3/76 (2006.01)
E02F 9/20 (2006.01)
 (31) 17/028,107 (32) 22.09.20 (33) US
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 (74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership
 (11) AU-A-2022201583
 (21) 2022201583 (22) 08.03.2022
 (54) APPARATUS AND METHODS FOR HEMODIALYSIS
 (51) Int. Cl.
A61M 1/36 (2006.01)
A61M 1/14 (2006.01)

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 (74) RnB IP Pty Ltd

(71) Di Staso, J.
 (11) AU-A-2021236478
 (21) 2021236478 (22) 22.09.2021
 (54) A hairstyling comb
 (51) Int. Cl.
 A45D 24/02 (2006.01)
 A45D 24/34 (2006.01)
 (31) 2020903416 (32) 23.09.20 (33) AU
 (43) 07.04.2022
 (72) Di Staso, John
 (74) Patentec Patent Attorneys

(71) Drylet, LLC
 (11) AU-A-2022201776
 (21) 2022201776 (22) 15.03.2022
 (54) Compositions and methods of increasing survival rate and growth rate of Livestock
 (51) Int. Cl.
 A23K 10/16 (2016.01)
 A23K 20/28 (2016.01)
 A23K 50/10 (2016.01)
 A23K 50/75 (2016.01)
 C05F 3/00 (2006.01)
 C05F 11/08 (2006.01)
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 (62) 2017293841
 (72) CONLEY, M. Scott; ELLIS, Steven R.; MENENDEZ, Mark; HARRISON, Stephen
 (74) FB Rice Pty Ltd

(71) Dynex Extrusions Limited
 (11) AU-A-2022201890
 (21) 2022201890 (22) 18.03.2022
 (54) A BUILDING FLASHING
 (51) Int. Cl.
 E04B 1/66 (2006.01)
 E02D 19/00 (2006.01)
 E02D 31/02 (2006.01)
 E04C 2/20 (2006.01)
 E04C 2/32 (2006.01)
 E04D 13/04 (2006.01)
 E04F 19/00 (2006.01)

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 (74) Ellis Terry

(71) Eagle View Technologies, Inc.
 (11) AU-A-2022201851
 (21) 2022201851 (22) 17.03.2022
 (54) SYSTEMS AND METHODS FOR PERFORMING A RISK MANAGEMENT ASSESSMENT OF A PROPERTY
 (51) Int. Cl.
 G06Q 40/08 (2012.01)

G06F 7/60 (2006.01)
 (43) 07.04.2022
 (62) 2020200676
 (72) Pershing, Chris; Ishikawa, Randall
 (74) Phillips Ormonde Fitzpatrick

(71) Emerald Cloud Lab, Inc.
 (11) AU-A-2022201694
 (21) 2022201694 (22) 11.03.2022
 (54) System and method for management, execution, and analysis of laboratory experiments
 (51) Int. Cl.
 G06Q 10/00 (2012.01)
 (43) 07.04.2022
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 (72) Yoshikawa, Alex M.; Sastry, Anand V.; Ota, Asuka; Kline, Ben C.; Bond, Bradley M.; Frezza, Brian M.; Lamoureux, Cameron R.; Hofler, Catherine L.; Li, Cheri Y.; Webster, Courtney E.; Kleinbaum, Daniel J.; Stanley, George N.; Fraser, George W.; Robichaud, Guillaume; Buchman, Hayley E.; McKernan, James R.; Leung, Jonathan K.; Zurek, Paul R.; Teed, Robert M.; Valas, Ruben E.; Fitzgerald, Sean M.; Villarreal, Sergio I.; Hilburg, Shayna L.; Baisiwala, Shivani S.; Vaithilingam, Srikant; Woodson, Wyatt J.; Choo, Yang; Cong, Yidan Y.
 (74) FPA Patent Attorneys Pty Ltd

(71) Equinix, Inc.
 (11) AU-A-2022201786
 (21) 2022201786 (22) 15.03.2022
 (54) Interconnection platform for real-time configuration and management of a cloud-based services exchange
 (51) Int. Cl.
 G06F 9/50 (2006.01)
 H04L 12/24 (2006.01)
 H04L 29/08 (2006.01)

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 (72) Kumar, Parveen; Maheshwari, Gagan; Jeyapaul, Jaganathan; Lillie, Brian J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Far West Primary Industries Pty Ltd
 (11) AU-A-2021221597
 (21) 2021221597 (22) 25.08.2021
 (54) BORE PLUG ASSEMBLY
 (51) Int. Cl.
 E21B 33/12 (2006.01)
 E21B 7/02 (2006.01)
 E21B 33/128 (2006.01)
 E21B 41/00 (2006.01)
 E21C 41/16 (2006.01)

(31) 2020903446 (32) 24.09.20 (33) AU
 (43) 07.04.2022
 (72) Pettitt, Brett; O'Connor, Joseph; O'Shea, William
 (74) protectmyidea.com.au

(71) FCI Holdings Delaware, Inc.
 (11) AU-A-2021232760

(21) 2021232760 (22) 16.09.2021
 (54) A PUMPABLE CRIB BAG
 (51) Int. Cl.
 E21D 15/48 (2006.01)
 (31) 63/080,141 (32) 18.09.20 (33) US
 (43) 07.04.2022
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 (74) Griffith Hack

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2022201743
 (21) 2022201743 (22) 14.03.2022
 (54) Humidification system
 (51) Int. Cl.
 A61M 16/16 (2006.01)
 A61M 16/08 (2006.01)
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 (62) 2019250204
 (72) Cheung, Dexter Chi Lun; Payton, Matthew Jon; Barraclough, Michael; Andresen, Michael John; Orchard, Kieran Michael; Edgeworth, Philip James; Graham, Peter Kenneth; Newland, Anthony James; Smith, Daniel John; Sharp, Timothy James Beresford; Stoks, Elmo Benson; Church, Jonathan Mark; Van Schalkwyk, Andre
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2022201817
 (21) 2022201817 (22) 16.03.2022
 (54) Interface sizing tool and method
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A61B 5/107 (2006.01)
 (43) 07.04.2022
 (62) 2019240660
 (72) Niccol, Andrew Grant
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2022201861
 (21) 2022201861 (22) 17.03.2022
 (54) Deterministically controlled humidification system
 (51) Int. Cl.
 A61M 16/16 (2006.01)
 (43) 07.04.2022
 (62) 2020200169
 (72) Burgess, Russel William; Barker, Dean Antony; Hermez, Laith Adeeb; Lawson, Joel Michael; Kirton, Robert Stuart; O'Donnell, Kevin Peter
 (74) AJ PARK

Forest Laboratories Holdings Limited see Ironwood Pharmaceuticals, Inc.
 (21) 2022201891

(71) ForSight Vision4, Inc.
 (11) AU-A-2022201818
 (21) 2022201818 (22) 16.03.2022
 (54) IMPLANTABLE OCULAR DRUG DELIVERY DEVICES

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- (54) Salts of 4-amino-n-(1-((3-chloro-2-fluorophenyl)amino)-6-methyl-isoquinolin-5-yl)thieno[3,2-d]pyrimidine-7-carboxamide, and crystalline forms thereof
(51) Int. Cl.
G07D 495/04 (2006.01)
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G06F 11/20 (2006.01)
G05B 23/02 (2006.01)
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F04D 25/08 (2006.01)
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F16M 11/14 (2006.01)
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G01R 33/44 (2006.01)
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 G05D 1/00 (2006.01)
 B64C 39/02 (2006.01)
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 B23D 47/00 (2006.01)
 B23Q 11/02 (2006.01)
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 (54) Dynamic Image Decoding Device
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 A61M 5/178 (2006.01)
 A61J 1/20 (2006.01)
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 A61M 5/14 (2006.01)
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 B23C 5/10 (2006.01)
 B23C 3/28 (2006.01)
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 A61K 31/713 (2006.01)
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 A61P 35/00 (2006.01)
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 (51) Int. Cl.
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 A61K 9/51 (2006.01)
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 (54) Moving robot
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 G01S 15/931 (2020.01)
 A47L 9/00 (2006.01)
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G02B 27/01 (2006.01)

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 (54) Technique for directing audio in augmented reality system
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C11B 1/00 (2006.01)
C12N 1/10 (2006.01)
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B05D 5/00 (2006.01)
B63B 1/34 (2006.01)
B64C 21/10 (2006.01)
B81B 7/00 (2006.01)
B81C 1/00 (2006.01)
G02B 5/18 (2006.01)
G02B 27/42 (2006.01)
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D06N 7/00 (2006.01)
A47L 23/26 (2006.01)
B60N 3/04 (2006.01)
E04F 15/02 (2006.01)
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D06N 7/00 (2006.01)
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A47G 25/06 (2006.01)
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A01N 63/60 (2020.01)
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A01P 7/02 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
D06C 15/00 (2006.01)
B65H 20/02 (2006.01)
D06H 7/00 (2006.01)
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- (71) Nationwide Children's Hospital, Inc.
(11) AU-A-2022201820
(21) 2022201820 (22) 16.03.2022
(54) Recombinant Virus Products And Methods For Inhibition Of Expression Of DUX4
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/63 (2006.01)
- (43) 07.04.2022
(62) 2020200323
(72) HARPER, Scott Quenton; LIU, Jian; GARWICK, Sara; WALLACE, Lindsay
(74) WRAYS PTY LTD
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- (71) Nicoventures Trading Limited
(11) AU-A-2022201722
(21) 2022201722 (22) 11.03.2022
(54) Article for use in apparatus for heating smokable material
(51) Int. Cl.
A24D 1/02 (2006.01)
- (43) 07.04.2022
(62) 2020201666
(72) ENGLAND, Will; WOODMAN, Tom; PHILLIPS, Jeremy; GOMEZ, Pablo Javier Ballesteros
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- (71) Nooma Bio, Inc.
(11) AU-A-2022201705
(21) 2022201705 (22) 11.03.2022
(54) Target sequence detection by nanopore sensing of synthetic probes
(51) Int. Cl.
C12Q 1/68 (2018.01)
- (43) 07.04.2022
(62) 2015319825
(72) Morin, Trevor J.; Heller, Daniel A.
(74) FB Rice Pty Ltd
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- (71) Oleynik, M.
(11) AU-A-2022201845
(21) 2022201845 (22) 16.03.2022
(54) Methods and Systems for Food Preparation in a Robotic Cooking Kitchen
(51) Int. Cl.
A47J 27/62 (2006.01)
G05B 19/42 (2006.01)

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 (72) Oleynik, Mark
 (74) Adams Pluck
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- (71) Omrix Biopharmaceuticals Ltd.
 (11) AU-A-2022201700
 (21) 2022201700 (22) 11.03.2022
 (54) Method for purifying and quantifying thrombin and its degradation polypeptides
 (51) Int. Cl.
G01N 33/49 (2006.01)
C07K 14/745 (2006.01)
- (43) 07.04.2022
 (62) 2016224834
 (72) AUERBACH-NEVO, Tamar; ORR, Nadav; NUR, Israel
 (74) Spruson & Ferguson
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- (71) Orlor, A.
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 (21) 2022201718 (22) 11.03.2022
 (54) CELLULOSE-BASED BEVERAGE CARTRIDGE
 (51) Int. Cl.
B65D 65/46 (2006.01)
B65D 85/804 (2006.01)
- (43) 07.04.2022
 (62) 2019257376
 (72) Orlor, Anthony
 (74) Murray Trento & Associates Pty Ltd
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 (21) 2022201894
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- (71) Oticon Medical A/S
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 (21) 2021232841 (22) 17.09.2021
 (54) A Generalized Method for Providing One or More Stimulation Coding Parameters in a Hearing Aid System for Obtaining a Perceivable Hearing Loudness
 (51) Int. Cl.
H04R 25/00 (2006.01)
H03G 7/00 (2006.01)
H03G 9/00 (2006.01)
- (31) 20196941.7 (32) 18.09.20 (33) EP
 (43) 07.04.2022
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- (71) OVIVO INC.
 (11) AU-A-2021232837
 (21) 2021232837 (22) 17.09.2021
 (54) BIOMASS SELECTION AND CONTROL FOR CONTINUOUS FLOW GRANULAR/FLOCCULENT ACTIVATED SLUDGE PROCESSES
 (51) Int. Cl.
C02F 3/12 (2006.01)
C02F 3/30 (2006.01)
C02F 101/10 (2006.01)
C02F 101/16 (2006.01)
- (31) 17/027,528 (32) 21.09.20 (33) US

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 (74) Patent Attorney Services
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- (71) PerkinElmer Health Sciences, Inc.
 (11) AU-A-2022201704
 (21) 2022201704 (22) 11.03.2022
 (54) Backflush methods and devices for chromatography
 (51) Int. Cl.
B01D 53/02 (2006.01)
- (43) 07.04.2022
 (62) 2019268197
 (72) Tipler, Andrew
 (74) Davies Collison Cave Pty Ltd
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- (71) Pfizer Inc.
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 (21) 2022201762 (22) 15.03.2022
 (54) IL-15 variants and uses thereof
 (51) Int. Cl.
C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
- (43) 07.04.2022
 (62) 2019228381
 (72) YEUNG, Yik Andy; FELDMAN, Reid Martin Renny; CHAPARRO RIGGERS, Ling Hon Matthew; DJURETIC, Ivana; LIN, Laura; MOSYAK, Lidia
 (74) Allens Patent & Trade Mark Attorneys
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 (11) AU-A-2021236436
 (21) 2021236436 (22) 20.09.2021
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 (51) Int. Cl.
G01V 1/38 (2006.01)
- (31) 63/082,419 (32) 23.09.20 (33) US
 17/189,128 01.03.21 US
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 (74) Davies Collison Cave Pty Ltd
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- (71) Pharmacyclics LLC
 (11) AU-A-2022201741
 (21) 2022201741 (22) 14.03.2022
 (54) The use of inhibitors of Bruton's tyrosine kinase (Btk)
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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 (62) 2020202752
 (72) BUGGY, Joseph J.; ELIAS, Laurence; FYFE, Gwen; HEDRICK, Eric; LOURY, David J.; MODY, Tarak D.
 (74) Spruson & Ferguson

- (71) Pharmacyclics LLC
 (11) AU-A-2022201742
 (21) 2022201742 (22) 14.03.2022
 (54) The use of inhibitors of Bruton's tyrosine kinase (Btk)
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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- (71) PINDROP SECURITY, INC.
 (11) AU-A-2022201831
 (21) 2022201831 (22) 16.03.2022
 (54) Call classification through analysis of DTMF events
 (51) Int. Cl.
H04M 3/22 (2006.01)
H04M 7/12 (2006.01)
H04Q 1/45 (2006.01)
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 (62) 2017305245
 (72) GAUBITCH, Nick; STRONG, Scott; CORNWELL, John; KINGRAVI, Hassan; DEWEY, David
 (74) Griffith Hack
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- (71) PPC Moulding Services Pty Limited
 (11) AU-A-2021218197
 (21) 2021218197 (22) 20.08.2021
 (54) FACE MASK
 (51) Int. Cl.
A62B 23/02 (2006.01)
A41D 13/11 (2006.01)
A62B 7/10 (2006.01)
- (31) 2020903413 (32) 23.09.20 (33) AU
 (43) 07.04.2022
 (72) ASTON, Grahame; PRIMROSE, Rohan; DARKIN, Don
 (74) Halfords IP
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- (71) Professional Innovators Pty Ltd
 (11) AU-A-2021218236
 (21) 2021218236 (22) 20.08.2021
 (54) ROOF GUTTER SYSTEM
 (51) Int. Cl.
E04D 13/076 (2006.01)
E04D 13/064 (2006.01)
E04D 13/072 (2006.01)
- (31) 2020903439 (32) 24.09.20 (33) AU
 (43) 07.04.2022
 (72) Lanyon, Michael
 (74) Mann IP
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- (71) ResMed Pty Ltd
 (11) AU-A-2022201764
 (21) 2022201764 (22) 15.03.2022
 (54) RESPIRATORY PRESSURE THERAPY SYSTEM
 (51) Int. Cl.
A61M 16/06 (2006.01)

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A61M 16/20 (2006.01)
A62B 18/04 (2006.01)
A62B 18/10 (2006.01)
F04D 17/08 (2006.01)
F04D 17/12 (2006.01)
F04D 25/06 (2006.01)
F04D 25/16 (2006.01)
F04D 29/66 (2006.01)
F16K 15/14 (2006.01)
F16K 17/02 (2006.01)
(43) 07.04.2022
(62) 2017304220
(72) KENYON, Barton John; SHRUBB, Emily Claire; HOLLEY, Liam
(74) Halfords IP

(71) Rhodia Operations
(11) AU-A-2022201726
(21) 2022201726 **(22)** 11.03.2022
(54) COMPOSITION CONTAINING A UR-EASE INHIBITOR
(51) Int. Cl.
A01N 25/22 (2006.01)
A01N 57/02 (2006.01)
C05G 3/90 (2020.01)
(43) 07.04.2022
(62) 2017294480
(72) Chen, Zixian; Shanmuga, Krish Murthy
(74) Phillips Ormonde Fitzpatrick

(71) RQX PHARMACEUTICALS, INC.; GENENTECH, INC.
(11) AU-A-2022201724
(21) 2022201724 **(22)** 11.03.2022
(54) Macrocyclic broad spectrum antibiotics
(51) Int. Cl.
C07D 245/04 (2006.01)
A61K 31/395 (2006.01)
A61P 31/04 (2006.01)
(43) 07.04.2022
(62) 2018222093
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(74) Griffith Hack

(71) SAIC MOTOR Corporation Limited
(11) AU-A-2021221903
(21) 2021221903 **(22)** 27.08.2021
(54) Charging Circuit of Electric Vehicle and Electric Vehicle
(51) Int. Cl.
B60L 53/10 (2019.01)
H02J 7/04 (2006.01)
(31) 202011002434.7 **(32)** 22.09.20 **(33)** CN
(43) 07.04.2022
(72) WANG, Zusheng; XIE, Jiayue; CHEN, Yanlei; DU, Peijun; SUN, Ying; HU, Jing; WANG, Mengyi; SHEN, Feng
(74) Murray Trento & Associates Pty Ltd

(71) Sakura Finetek U.S.A., Inc.
(11) AU-A-2021225207
(21) 2021225207 **(22)** 02.09.2021
(54) Microtome blade guard with integrated blade alignment device
(51) Int. Cl.
B26D 7/22 (2006.01)
B26D 7/26 (2006.01)
(31) 17/025,937 **(32)** 18.09.20 **(33)** US
(43) 07.04.2022
(72) DIRKS, Lawrence H.
(74) Spruson & Ferguson

(71) SAMSUNG ELECTRONICS CO., LTD.
(11) AU-A-2022201798
(21) 2022201798 **(22)** 15.03.2022
(54) Antenna module and electronic device for using the antenna module
(51) Int. Cl.
H01Q 9/04 (2006.01)
(43) 07.04.2022
(62) 2020213328
(72) CHO, Namjun; NA, Hyoseok
(74) Griffith Hack

(71) SAMSUNG ELECTRONICS CO., LTD.
(11) AU-A-2022201893
(21) 2022201893 **(22)** 18.03.2022
(54) Electronic device and operating method thereof
(51) Int. Cl.
H04N 5/232 (2006.01)
(43) 07.04.2022
(62) 2017244245
(72) HAN, Na-Woong; SON, Ki Hyoung; LEE, Kyungjun; LEE, Hyunyeul
(74) Griffith Hack

(71) Sanexen Environmental Services Inc.
(11) AU-A-2021229133
(21) 2021229133 **(22)** 06.09.2021
(54) A method and system for pressure pipe drilling cement-mortar lined and coated steel cylinders
(51) Int. Cl.
F16L 41/04 (2006.01)
E03B 7/00 (2006.01)
F16K 27/00 (2006.01)
F16L 9/14 (2006.01)
(31) 63/080,022 **(32)** 18.09.20 **(33)** US
(43) 07.04.2022
(72) GAGNON, Gilles; DAVISON, Michael; BUREAU, Martin
(74) Spruson & Ferguson

(71) SAP SE
(11) AU-A-2021203227
(21) 2021203227 **(22)** 19.05.2021
(54) QUERYING SEMANTIC DATA FROM UNSTRUCTURED DOCUMENTS
(51) Int. Cl.
G06F 16/24 (2019.01)
G06K 9/00 (2006.01)
(31) 17/029,180 **(32)** 23.09.20 **(33)** US

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(72) HOEHNE, Johannes; REISSWIG, Christian
(74) Griffith Hack

(71) SD Chem, Inc.
(11) AU-A-2022201849
(21) 2022201849 **(22)** 17.03.2022
(54) Aqueous suspension compositions, formulations, and water dispersible dry compositions comprising 16 α -bromo-3 β -hydroxy-5 α -androstan-17-ketone and hydrates, derivatives, and analogs thereof
(51) Int. Cl.
A61K 31/56 (2006.01)
A61P 5/44 (2006.01)
C07J 43/00 (2006.01)
(43) 07.04.2022
(62) 2019428193
(72) GE, Yu
(74) FB Rice Pty Ltd

(71) Sheltered Wings, Inc. d/b/a Vortex Optics
(11) AU-A-2022201753
(21) 2022201753 **(22)** 14.03.2022
(54) Reticle for optical sighting devices
(51) Int. Cl.
G02B 27/32 (2006.01)
F41G 1/00 (2006.01)
F41G 1/12 (2006.01)
F41G 1/38 (2006.01)
F41G 1/393 (2006.01)
F41G 1/473 (2006.01)
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(62) 2016344095
(72) HAMILTON, David M.
(74) Spruson & Ferguson

(71) Shenzhen Greenjoy Technology Co., Ltd.
(11) AU-A-2020449438
(21) 2020449438 **(22)** 25.11.2020
(54) Floor-type golf ball detection method, system and storage medium
(51) Int. Cl.
G06T 7/20 (2017.01)
(31) 202010999663.4 **(32)** 22.09.20 **(33)** CN
(43) 07.04.2022
(72) WANG, Ji Jun; WANG, Qing Hua
(74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Shenzhen Greenjoy Technology Co., Ltd.
(11) AU-A-2020449440
(21) 2020449440 **(22)** 25.11.2020
(54) Overlooking-type golf ball detection method, system and storage medium
(51) Int. Cl.
G06T 7/20 (2017.01)
(31) 202011000469.7 **(32)** 22.09.20 **(33)** CN
(43) 07.04.2022
(72) WANG, Ji Jun; WANG, Qing Hua
(74) LESICAR MAYNARD ANDREWS PTY LTD

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- (71) Shopify Inc.
 (11) AU-A-2021221864
 (21) 2021221864 (22) 26.08.2021
 (54) COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR IN-STORE ROUTE RECOMMENDATIONS
 (51) Int. Cl.
G06Q 30/06 (2012.01)
G01C 21/00 (2006.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
 (31) 17/029,454 (32) 23.09.20 (33) US
 21174360.4 18.05.21 EP
 (43) 07.04.2022
 (72) HAAPOJA, Juho Mikko; DELGADO, Byron Leonel; LEROUX, Stephan; BEAUCHAMP, Daniel; LALANI, Maas Mansoor Ali
 (74) Murray Trento & Associates Pty Ltd
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- (71) Shopify Inc.
 (11) AU-A-2021221868
 (21) 2021221868 (22) 26.08.2021
 (54) SYSTEMS AND METHODS FOR GENERATING AUGMENTED REALITY CONTENT BASED ON DISTORTED THREE-DIMENSIONAL MODELS
 (51) Int. Cl.
G06T 19/00 (2011.01)
G06F 3/01 (2006.01)
G06K 9/00 (2006.01)
G06Q 30/06 (2012.01)
G06T 7/70 (2017.01)
G06T 19/20 (2011.01)
 (31) 17/029,463 (32) 23.09.20 (33) US
 21174376.0 18.05.21 EP
 (43) 07.04.2022
 (72) HAAPOJA, Juho Mikko; DELGADO, Byron Leonel; LEROUX, Stephan; BEAUCHAMP, Daniel; LALANI, Maas Mansoor Ali
 (74) Murray Trento & Associates Pty Ltd
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- (71) SMITH, M.
 (11) AU-A-2022201796
 (21) 2022201796 (22) 15.03.2022
 (54) INTEGRATED MODULAR METAL FRAME BUILDING SYSTEM
 (51) Int. Cl.
E04B 1/24 (2006.01)
E04B 1/19 (2006.01)
E04B 2/58 (2006.01)
E04C 2/38 (2006.01)
E04G 21/14 (2006.01)
 (43) 07.04.2022
 (62) 2015333593
 (72) SMITH, Michael; SMITH, Andrew
 (74) Elliptic Legal & Patent Services
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- (71) Smith & Nephew plc
 (11) AU-A-2022201830
 (21) 2022201830 (22) 16.03.2022
 (54) Reduced pressure apparatus and methods
 (51) Int. Cl.
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- A61M 1/00* (2006.01)
 (43) 07.04.2022
 (62) 2019284049
 (72) ASKEM, Ben Alan; BINDER, Ian; COLLINSON, Sarah Jenny; COWAN-HUGHES, John; FRYER, Christopher John; MOY, Tom; MULLEN, Paul; NICOLINI, Derek; PRYOR, Neil; WALSH, Philip
 (74) Griffith Hack
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- (71) Snap-on Incorporated
 (11) AU-A-2021221397
 (21) 2021221397 (22) 23.08.2021
 (54) TOOL AND MOTOR ANTI-ROTATION
 (51) Int. Cl.
B25B 21/00 (2006.01)
B25B 23/16 (2006.01)
B25F 5/02 (2006.01)
 (31) 17/028,054 (32) 22.09.20 (33) US
 (43) 07.04.2022
 (72) BEER, Joshua M.; GENZ, Jason; BROUWERS, Craig; RAJZER, Michael T.
 (74) Griffith Hack
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- (71) Snap-on Incorporated
 (11) AU-A-2021221414
 (21) 2021221414 (22) 23.08.2021
 (54) TOOL ILLUMINATION SOURCE
 (51) Int. Cl.
B25B 23/18 (2006.01)
F21V 5/00 (2018.01)
F21V 33/00 (2006.01)
 (31) 17/028,296 (32) 22.09.20 (33) US
 (43) 07.04.2022
 (72) RAJZER, Michael T.; GENZ, Jason; BROUWERS, Craig; BEER, Joshua M.
 (74) Griffith Hack
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- (71) Societe Des Produits Nestle S.A.
 (11) AU-A-2022201858
 (21) 2022201858 (22) 17.03.2022
 (54) Manufacture of peanut formulations for oral desensitization
 (51) Int. Cl.
C07K 16/16 (2006.01)
A61J 3/00 (2006.01)
A61K 39/35 (2006.01)
 (43) 07.04.2022
 (62) 2020202685
 (72) WALSER, Bryan
 (74) FB Rice Pty Ltd
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- (71) SPCM SA
 (11) AU-A-2021225239
 (21) 2021225239 (22) 03.09.2021
 (54) METHOD FOR THE PURIFICATION OF ACRYLAMIDO-2-METHYL-2-PROPANESULPHONIC ACID
 (51) Int. Cl.
C07C 303/44 (2006.01)
C08F 20/58 (2006.01)
 (31) 2009493 (32) 18.09.20 (33) FR
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- (43) 07.04.2022
 (72) FAVERO, Cédric; KIEFFER, Johann; LEGRAS, Benoît; DOUDIN, Raphaël
 (74) James & Wells Intellectual Property
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- (71) Specialist Health Solutions Limited
 (11) AU-A-2021236474
 (21) 2021236474 (22) 22.09.2021
 (54) UV light monitoring system for a UV decontamination apparatus
 (51) Int. Cl.
G01J 1/00 (2006.01)
G01J 1/10 (2006.01)
G01J 1/16 (2006.01)
G01J 1/20 (2006.01)
 (31) 2014942.3 (32) 22.09.20 (33) GB
 (43) 07.04.2022
 (72) Karitonas, Tautvydas; Morgan, Kurt
 (74) Davies Collison Cave Pty Ltd
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- (71) Spinal Elements, Inc.
 (11) AU-A-2022201902
 (21) 2022201902 (22) 18.03.2022
 (54) Implant system for treating the spine
 (51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/80 (2006.01)
A61B 17/86 (2006.01)
A61F 2/44 (2006.01)
 (43) 07.04.2022
 (62) 2020257035
 (72) Martin, Greg; Blain, Jason
 (74) Davies Collison Cave Pty Ltd
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- (71) Splunk Inc.
 (11) AU-A-2022201792
 (21) 2022201792 (22) 15.03.2022
 (54) REAL-TIME PROCESSING OF DATA STREAMS RECEIVED FROM INSTRUMENTED SOFTWARE
 (51) Int. Cl.
G06F 11/36 (2006.01)
 (43) 07.04.2022
 (62) 2020200713
 (72) Liu, Phillip; Mukherji, Arijit; Raman, Rajesh
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Splunk Inc.
 (11) AU-A-2022201801
 (21) 2022201801 (22) 15.03.2022
 (54) REAL-TIME REPORTING BASED ON INSTRUMENTATION OF SOFTWARE
 (51) Int. Cl.
G06F 9/44 (2018.01)
 (43) 07.04.2022
 (62) 2021201308
 (72) Mukherji, Arijit; Liu, Phillip; Raman, Rajesh; Grandy, Kris; Lindamood, Jack
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) State Grid Shanghai Municipal Electric Power Company; Tsinghua University
 (11) AU-A-2021229237

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 (54) Regional coordinated voltage control method and apparatus for distribution network, and electronic device
- (51) Int. Cl.
H02J 3/00 (2006.01)
- (31) 202010996832.9 (32) 21.09.20 (33) CN
 (43) 07.04.2022
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- (74) Madderns Pty Ltd
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- (71) StemRIM Inc.; Osaka University
 (11) AU-A-2022201894
 (21) 2022201894 (22) 18.03.2022
 (54) Peptide for inducing regeneration of tissue and use thereof
- (51) Int. Cl.
C12N 15/09 (2006.01)
A61K 31/711 (2006.01)
A61K 31/713 (2006.01)
A61K 35/12 (2015.01)
A61K 35/28 (2015.01)
A61K 35/76 (2015.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
A61P 17/00 (2006.01)
A61P 19/00 (2006.01)
A61P 21/00 (2006.01)
C07K 14/47 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
- (43) 07.04.2022
 (62) 2019210647
- (72) KATSUTO, Tamai; TAKEHIKO, Yamazaki; TSUTOMU, Kanezaki; SHIGERU, Sakurai; YUKIKO, Noguchi; MAYUMI, Endo; NATSUMI, Hamabuchi; KANA, Naito
- (74) Davies Collison Cave Pty Ltd
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- (71) Stryker Corporation
 (11) AU-A-2022201768
 (21) 2022201768 (22) 15.03.2022
 (54) System and methods for performing surgery on a patient at a target site defined by a virtual object
- (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
- (43) 07.04.2022
 (62) 2016380277
- (72) Malackowski, Donald W.
 (74) Davies Collison Cave Pty Ltd
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- (71) Synlogic Operating Company, Inc.
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 (54) Bacteria engineered to reduce hyperphenylalaninemia
- (51) Int. Cl.
C12N 5/10 (2006.01)
A61K 35/74 (2015.01)
C07K 14/195 (2006.01)
C12N 9/88 (2006.01)
- (43) 07.04.2022
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- (74) Spruson & Ferguson
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- (71) Synova Life Sciences, Inc.
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 (21) 2022201872 (22) 17.03.2022
 (54) Separation, dissociation and/or disaggregation of cells using shockwaves or mechanical impacts
- (51) Int. Cl.
C12M 1/33 (2006.01)
C12N 5/0775 (2010.01)
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A61G 17/08 (2006.01)
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- (72) Agar, Simon; Clay, Kim
- (74) TABONO PTY LTD
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- (71) Taiyuan University of Technology
 (11) AU-A-2021204759
 (21) 2021204759 (22) 07.07.2021
 (54) DEVICE FOR DETERMINING EXPANSION PRESSURE AND EXPANSION DISPLACEMENT GENERATED BY COKING COAL BASED ON SELF-REGULATION OF SPRING
- (51) Int. Cl.
C10B 41/00 (2006.01)
G01L 5/00 (2006.01)
G01L 19/04 (2006.01)
- (31) 202010989191.4 (32) 19.09.20 (33) CN
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- (72) Wang, Meijun; Yang, Nuannuan; Xie, Kechang; Shen, Yanfeng; Ren, Xiurong; Chang, Liping; Bao, Weiren
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 (21) 2022201781 (22) 15.03.2022
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- (51) Int. Cl.
C07K 16/28 (2006.01)
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 (11) AU-A-2022201875
 (21) 2022201875 (22) 17.03.2022
 (54) Methods and compositions for RNA-guided treatment of HIV infection
- (51) Int. Cl.
A61K 38/46 (2006.01)
A61K 48/00 (2006.01)
A61P 31/18 (2006.01)
C12N 5/10 (2006.01)
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C12N 15/63 (2006.01)
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- (51) Int. Cl.
A61K 39/35 (2006.01)
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A61K 31/07 (2006.01)
A61K 31/375 (2006.01)
A61P 37/08 (2006.01)
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 (11) AU-A-2021209294
 (21) 2021209294 (22) 29.07.2021
 (54) Machine learning network for screening quantum devices
- (51) Int. Cl.
G06N 3/02 (2006.01)
G06K 9/00 (2006.01)
G06N 10/00 (2019.01)
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- (31) 63/080,560 (32) 18.09.20 (33) US
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- (72) BIGHETTI MEI, Antonio Rodolph
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 (54) ANALYZING TUMOR DNA IN A CELL-FREE SAMPLE
- (51) Int. Cl.
C12Q 1/68 (2018.01)

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(71) The Frame Job LLC
 (11) AU-A-2021225166
 (21) 2021225166 (22) 31.08.2021
 (54) Flexible frame with articulating joints
 (51) Int. Cl.
A42B 1/201 (2021.01)
E04H 15/40 (2006.01)
E04H 15/48 (2006.01)
E05D 3/06 (2006.01)
 (31) 63/081,476 (32) 22.09.20 (33) US
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 (74) RnB IP Pty Ltd

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 (54) Manual oral care implement
 (51) Int. Cl.
A46B 5/00 (2006.01)
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 (72) JUNGNIKEL, Uwe; ALINSKI, Jens
 (74) Griffith Hack

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 (54) RAZOR HANDLE WITH A PIVOTING PORTION
 (51) Int. Cl.
B26B 21/22 (2006.01)
B26B 21/52 (2006.01)
 (43) 07.04.2022
 (62) 2019242568
 (72) Fontecchio, Marco; McNally, Patrick Francis; Veugen, Zachary Oliver; Verasamy, Michael Teipaul
 (74) Phillips Ormonde Fitzpatrick

(71) The Gillette Company LLC
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 (21) 2022201825 (22) 16.03.2022

(54) RAZOR HANDLE WITH A PIVOTING PORTION
 (51) Int. Cl.
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 (21) 2022201852 (22) 17.03.2022
 (54) SHAVING RAZOR CARTRIDGE AND METHOD OF MANUFACTURE
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B26B 21/40 (2006.01)
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 (62) 2019242214
 (72) Patel, Ashok Bakul; Long, Matthew Michael
 (74) Phillips Ormonde Fitzpatrick

(71) The Johns Hopkins University
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 (54) Composite material for tissue restoration
 (51) Int. Cl.
A61L 27/26 (2006.01)
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 (74) Griffith Hack

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 (54) Enhancing cognition in the presence of distraction and/or interruption
 (51) Int. Cl.
G09B 3/00 (2006.01)
 (43) 07.04.2022
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 (72) GAZZALEY, Adam
 (74) FB Rice Pty Ltd

(71) The Regents of the University of California
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 (54) System for out of bore focal laser therapy
 (51) Int. Cl.
A61B 8/08 (2006.01)
A61N 5/00 (2006.01)
A61N 5/06 (2006.01)
A61N 5/067 (2006.01)

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 (74) FB Rice Pty Ltd

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 (21) 2022201895 (22) 18.03.2022
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A61K 39/00 (2006.01)
C07H 21/04 (2006.01)
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 (51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)
A61K 39/385 (2006.01)
A61K 47/60 (2017.01)
A61K 47/68 (2017.01)
A61K 49/00 (2006.01)
A61K 51/10 (2006.01)
A61P 25/28 (2006.01)
A61P 37/04 (2006.01)
C07K 5/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/64 (2006.01)
C07K 16/18 (2006.01)
C12N 5/10 (2006.01)
C12N 15/12 (2006.01)
C12N 15/13 (2006.01)
G01N 33/53 (2006.01)
G01N 33/577 (2006.01)
 (43) 07.04.2022
 (62) 2016354688
 (72) Cashman, Neil R.; Plotkin, Steven S.
 (74) FPA Patent Attorneys Pty Ltd

(71) The University of Wollongong
 (11) AU-A-2022201379
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 (54) Thermoelectric material
 (51) Int. Cl.
H01L 35/32 (2006.01)
C30B 29/52 (2006.01)
H01L 27/16 (2006.01)
H01L 35/16 (2006.01)
H01L 35/18 (2006.01)

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 (21) 2022201901 (22) 18.03.2022
 (54) IMPROVED TERPENE-BASED COMPOSITIONS, PROCESSES, METHODOLOGIES FOR CREATION AND PRODUCTS THEREBY

(51) Int. Cl.
A61K 31/045 (2006.01)
A23L 27/20 (2016.01)
A61K 31/05 (2006.01)
A61P 11/00 (2006.01)

(43) 07.04.2022
 (62) 2020201067
 (72) ELZINGA, Sytze; RABER, Jeffrey C.
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Thomas Moloney Pty Limited
 (11) AU-A-2021221526
 (21) 2021221526 (22) 24.08.2021

(54) Latch Mechanism
 (51) Int. Cl.
E05B 65/44 (2006.01)
A47B 88/50 (2017.01)
E05C 1/00 (2006.01)
E05C 1/12 (2006.01)
E05B 1/00 (2006.01)
E05C 19/00 (2006.01)

(31) 2020903349 (32) 18.09.20 (33) AU
 (43) 07.04.2022
 (72) Moloney, Thomas
 (74) Davies Collison Cave Pty Ltd

(71) TREVILLA ENGINEERING & DESIGN PTY LTD

(11) AU-A-2020239624
 (21) 2020239624 (22) 21.09.2020
 (54) A Long Drop Dog Toilet is a compost dog poo bin. The bin is designed for walking tracks and foot paths where there is a high rate of dog walkers. This compact in-ground composting system utilises worms and micro-organisms in the ground to recycle pet waste hygienically into rich nutrients for the soil.

(51) Int. Cl.
C05F 3/06 (2006.01)
A01K 1/01 (2006.01)
A01K 23/00 (2006.01)
A01K 67/033 (2006.01)
C05F 17/907 (2020.01)

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 (72) Zanker, Kurt
 (74) TREVILLA ENGINEERING & DESIGN PTY LTD

Tsinghua University see State Grid Shanghai Municipal Electric Power Company
 (21) 2021229237

(71) Verndari, Inc.
 (11) AU-A-2022201834
 (21) 2022201834 (22) 16.03.2022
 (54) Microneedle compositions and methods of using same

(51) Int. Cl.
A61M 5/00 (2006.01)
C07K 14/005 (2006.01)
C12N 15/79 (2006.01)

(43) 07.04.2022
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 (72) HENDERSON, Daniel R.
 (74) FB Rice Pty Ltd

(71) VMAS Solutions, Inc.
 (11) AU-A-2022201882
 (21) 2022201882 (22) 18.03.2022
 (54) SYSTEMS AND METHODS FOR REDUCING STRESS

(51) Int. Cl.
G06F 17/00 (2019.01)

(43) 07.04.2022
 (62) 2020267204
 (72) MAYO, Vicki; SERIN, Amy
 (74) Collison & Co

(71) Vorwerk & Co. Interholding GmbH
 (11) AU-A-2021206870
 (21) 2021206870 (22) 22.07.2021
 (54) Food processor and method for taking a food sample

(51) Int. Cl.
A47J 43/046 (2006.01)
A47J 27/00 (2006.01)
A47J 36/10 (2006.01)

(31) 20198065.3 (32) 24.09.20 (33) EM
 (43) 07.04.2022
 (72) Hilgers, Stefan; Dittmann, Sarah
 (74) FPA Patent Attorneys Pty Ltd

(71) W.S. Tyler Canada Ltd
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 (21) 2021232784 (22) 16.09.2021
 (54) SYSTEMS, DEVICES, AND METHODS FOR SCREENING PANEL ATTACHMENT

(51) Int. Cl.
F16B 5/00 (2006.01)
B07B 1/46 (2006.01)
F16B 17/00 (2006.01)
F16B 19/02 (2006.01)
F16B 21/16 (2006.01)

(31) 63/080,379 (32) 18.09.20 (33) US
 (43) 07.04.2022
 (72) Takev, Dieter
 (74) Gestalt Law Pty Ltd

(71) Wallis, R.
 (11) AU-A-2021338581
 (21) 2021338581 (22) 23.09.2021
 (54) Foldable standpipe apparatus for replenishing industrial tankers

(51) Int. Cl.
B67D 7/02 (2010.01)
E03B 9/04 (2006.01)
F16L 3/01 (2006.01)
F16L 23/02 (2006.01)

F16L 27/00 (2006.01)
F16L 47/14 (2006.01)
F16L 47/18 (2006.01)

(31) 2020903414 (32) 23.09.20 (33) AU
 (43) 07.04.2022
 (72) WALLIS, Ryan
 (74) Patentec Patent Attorneys

(71) WELLDLOC, INC.
 (11) AU-A-2022201779
 (21) 2022201779 (22) 15.03.2022
 (54) DATABASE MANAGEMENT AND GRAPHICAL USER INTERFACES FOR MEASUREMENTS COLLECTED BY ANALYZING BLOOD

(51) Int. Cl.
G06F 15/00 (2006.01)
G06F 16/00 (2019.01)
G16H 20/10 (2018.01)

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 (62) 2021221774
 (72) MCRAITH, Kevin; KESANI, Hari; IYER, Anand; SUSAI, Gabriel; SHOMALI, Mansur; RAO, Prasad Matti
 (74) AJ PARK

(71) WIDES LIMITED
 (11) AU-A-2022201734
 (21) 2022201734 (22) 11.03.2022
 (54) ADVERTISEMENT INFORMATION SHARING SYSTEM

(51) Int. Cl.
G06Q 30/02 (2012.01)

(43) 07.04.2022
 (62) 2020201386
 (72) NISHIO, Tatsuya; KAMO, Masaaki; ADACHI, Kazuyuki; SUDO, Takeshi; NAKANO, Norikazu
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Winner Water Services
 (11) AU-A-2022201906
 (21) 2022201906 (22) 18.03.2022
 (54) ANION REMOVAL FROM WASTE WATER

(51) Int. Cl.
C02F 1/26 (2006.01)
C02F 101/16 (2006.01)

(43) 07.04.2022
 (62) 2017283531
 (72) KORDOSKY, Gary; DREISINGER, David Bruce; SCHROCK, Michael
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.

(11) AU-A-2022201433
 (21) 2022201433 (22) 02.03.2022
 (54) CHICKPEA PROTEIN CONCENTRATE
 (51) Int. Cl.
A23J 1/14 (2006.01)
A23L 11/30 (2016.01)

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 (62) 2017294711
 (72) REIFEN, Ram; BAR-EL DADON, Shimrit; SCHURING, Martin
 (74) Pipers Intellectual Property
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- (71) ZETCO VALVES PTY LTD.
 (11) AU-A-2021236428
 (21) 2021236428 (22) 20.09.2021
 (54) Gas Appliance Isolation Valve
 (51) Int. Cl.
 F16K 27/06 (2006.01)
 F16L 15/00 (2006.01)
 F16L 19/02 (2006.01)
 F24C 3/12 (2006.01)
 (31) 2020903389 (32) 22.09.20 (33) AU
 (43) 07.04.2022
 (72) Michaels, Scott
 (74) Fraser Old & Sohn
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- (71) Zillow, Inc.
 (11) AU-A-2021234854
 (21) 2021234854 (22) 20.09.2021
 (54) Automated identification and use of building floor plan information
 (51) Int. Cl.
 G06T 7/60 (2017.01)
 G06N 3/02 (2006.01)
 G06Q 50/16 (2012.01)
 G06T 7/162 (2017.01)
 (31) 63/081,744 (32) 22.09.20 (33) US
 (43) 07.04.2022
 (72) Yin, Yu; Hutchcroft, Will Adrian; Boyadzhiev, Ivaylo; Kang, Sing Bing; Li, Yujie; Moulon, Pierre
 (74) Davies Collison Cave Pty Ltd

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2020223743	Chamber Saver Pty Ltd	2022201433	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.
2020239624	TREVILLA ENGINEERING & DESIGN PTY LTD	2022201456	Huawei Technologies Co., Ltd.
2020239636	GDH Mining and Maintenance Pty Ltd	2022201583	DEKA Products Limited Partnership
2020239666	Hartley, M.	2022201597	Google LLC
2020260511	Kiro Grifols, S.L.	2022201673	Google LLC
2020264344	TABONO PTY LTD	2022201674	Google LLC
2020449438	Shenzhen Greenjoy Technology Co., Ltd.	2022201685	Monsanto Technology LLC; Beeologics, Inc.
2020449440	Shenzhen Greenjoy Technology Co., Ltd.	2022201694	Emerald Cloud Lab, Inc.
2020458208	Nantong University	2022201695	Array Technologies, INC.
2021200308	Apex Neuro Holdings, Inc.	2022201696	Amgen Inc.
2021203227	SAP SE	2022201698	Accelaron Pharma Inc.
2021203521	HUNTER PACIFIC INTERNATIONAL PTY LTD	2022201699	The Board of Trustees of the Leland Stanford Junior University
2021204693	Insitu, Inc. (a subsidiary of the Boeing Company)	2022201700	Omrix Biopharmaceuticals Ltd.
2021204759	Taiyuan University of Technology	2022201701	Angel Group Co., Ltd.
2021206786	AMES Australasia Pty Ltd	2022201704	PerkinElmer Health Sciences, Inc.
2021206870	Vorwerk & Co. Interholding GmbH	2022201705	Nooma Bio, Inc.
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2021212120	Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company	2022201708	Ardelyx, Inc.
2021218104	Deere & Company	2022201709	Aerie Pharmaceuticals, Inc.
2021218108	Deere & Company	2022201713	Milliken & Company
2021218161	HOLDEN, J.	2022201714	COMPOSECURE, LLC
2021218197	PPC Moulding Services Pty Limited	2022201715	Milliken & Company
2021218236	Professional Innovators Pty Ltd	2022201716	MONIR, G.
2021221397	Snap-on Incorporated	2022201717	Mingsight Pharmaceuticals, Inc.
2021221414	Snap-on Incorporated	2022201718	Orlor, A.
2021221420	ABB Schweiz AG	2022201719	The Johns Hopkins University
2021221476	Austin Engineering Limited	2022201722	Nicoventures Trading Limited
2021221526	Thomas Moloney Pty Limited	2022201724	RQX PHARMACEUTICALS, INC.; GENENTECH, INC.
2021221597	Far West Primary Industries Pty Ltd	2022201725	Lummus Technology LLC
2021221864	Shopify Inc.	2022201726	Rhodia Operations
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2021225207	Sakura Finetek U.S.A., Inc.	2022201741	Pharmacyclics LLC
2021225213	Ledermann GmbH & Co. KG	2022201742	Pharmacyclics LLC
2021225239	SPCM SA	2022201743	Fisher & Paykel Healthcare Limited
2021225246	HONEYWELL INTERNATIONAL INC.	2022201744	Baylor College of Medicine
2021229133	Sanexen Environmental Services Inc.	2022201745	Moderna Therapeutics, Inc.
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2021229184	HONEYWELL INTERNATIONAL INC.	2022201750	Magic Leap, Inc.
2021229237	State Grid Shanghai Municipal Electric Power Company; Tsinghua University	2022201751	MicroTau IP Pty Ltd
2021232760	FCI Holdings Delaware, Inc.	2022201753	Sheltered Wings, Inc. d/b/a Vortex Optics
2021232775	Health Tech Connex Inc.	2022201754	Huawei Technologies Co., Ltd.
2021232784	W.S. Tyler Canada Ltd	2022201755	Lemonex Inc.
2021232795	Ishida Co., Ltd.	2022201756	Lemonex Inc.
2021232797	Deco Australia Pty Ltd	2022201757	Gen-Probe Incorporated
2021232832	HAGER ENGINEERING LIMITED	2022201758	Altor BioScience Corporation
2021232837	OVIVO INC.	2022201761	Apple Inc.
2021232841	Oticon Medical A/S	2022201762	Pfizer Inc.
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2021236428	ZETCO VALVES PTY LTD.	2022201765	Hyperfine, Inc.
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2021236444	Canadian Bank Note Company, Limited	2022201767	Apex Brands, Inc.
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2021236474	Specialist Health Solutions Limited	2022201769	Magic Leap, Inc.
2021236478	Di Staso, J.	2022201773	Genentech, Inc.
2021236519	JELD-WEN, Inc.	2022201774	Commonwealth Scientific and Industrial Research Organisation
2021236541	Aristocrat Technologies, Inc.	2022201775	2seventy bio, Inc.
2021236542	Aristocrat Technologies, Inc.	2022201776	Drylet, LLC
2021236544	Aristocrat Technologies, Inc.	2022201777	CA Casyso GmbH
2021236583	Globe (Jiangsu) Co., Ltd.	2022201778	The Regents of the University of California
2021338581	Wallis, R.	2022201779	WELLDON, INC.
2022201053	Mallinckrodt Hospital Products IP Limited	2022201780	L2R Enterprises, LLC
2022201379	The University of Wollongong		

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2022201783	Magic Leap, Inc.	2022201894	StemRIM Inc.; Osaka University
2022201784	Blackhawk Network, Inc.	2022201895	The Trustees of the University of Pennsylvania of Center For Technology Transfer
2022201785	Becton, Dickinson and Company	2022201897	Continuous Composites Inc.
2022201786	Equinix, Inc.	2022201898	Magic Leap, Inc.
2022201791	Agenus Inc.; Ludwig Institute For Cancer Research Ltd.; Memorial Sloan-Kettering Cancer Center	2022201901	The Werc Shop, LLC
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2022201793	CytomX Therapeutics, Inc.	2022201906	Winner Water Services
2022201794	Global Tel*Link Corporation	2022201907	Cornell University
2022201795	KABUSHIKI KAISHA TOSHIBA	2022201908	Morphic Therapeutic, Inc.
2022201796	SMITH, M.	2022201915	The General Hospital Corporation
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2022201798	SAMSUNG ELECTRONICS CO., LTD.		
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2022201806	Alarm.Com Incorporated		
2022201807	Arrowhead Pharmaceuticals, Inc.		
2022201810	Apple Inc.		
2022201814	Miles, S.		
2022201815	GeoTech Technologies Ltd.		
2022201816	Cystic Fibrosis Foundation Therapeutics, Inc.		
2022201817	Fisher & Paykel Healthcare Limited		
2022201818	ForSight Vision4, Inc.		
2022201819	Google LLC		
2022201820	Nationwide Children's Hospital, Inc.		
2022201821	Commonwealth Scientific and Industrial Research Organisation		
2022201823	Apple Inc.		
2022201824	The Gillette Company LLC		
2022201825	The Gillette Company LLC		
2022201826	Meso Scale Technologies, LLC		
2022201829	THE CHINESE UNIVERSITY OF HONG KONG		
2022201830	Smith & Nephew plc		
2022201831	PINDROP SECURITY, INC.		
2022201833	MasterCard International Incorporated		
2022201834	Verndari, Inc.		
2022201835	Aché Laboratórios Farmacêuticos S.A.		
2022201836	Bachmann Innovations Pty Limited		
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2022201843	Becton, Dickinson and Company		
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2022201852	The Gillette Company LLC		
2022201853	Modular Mining Systems, Inc.		
2022201855	Boston Scientific Neuromodulation Corporation		
2022201857	Global Algae Technology, LLC		
2022201858	Societe Des Produits Nestle S.A.		
2022201860	Husqvarna AB		
2022201861	Fisher & Paykel Healthcare Limited		
2022201862	Applikon Biotechnology B.V.		
2022201863	MARA RENEWABLES CORPORATION		
2022201869	The Regents of the University of California		
2022201872	Synova Life Sciences, Inc.		
2022201875	Temple University - of the Commonwealth System of Higher Education		
2022201879	Allergan, Inc.		
2022201880	CFPH, LLC		
2022201881	Board of Regents, The University of Texas System; Cottongen, LLC		
2022201882	VMAS Solutions, Inc.		
2022201883	CG Technology Development, LLC		
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<hr/> <p>.A. S. see Raaza, A. (21) 2021103626</p> <hr/> <p>.A.K, D.R. see Raaza, A. (21) 2021103626</p> <hr/> <p>(71) A, S.; Meshram, V. (11) AU-A-2021104123 (21) 2021104123 (22) 14.07.2021 (54) AN ASYNCHRONOUS LOGIC DESIGN TECHNIQUE FOR VLSI IMPLEMENTATION (51) Int. Cl. <i>G06F 30/30</i> (2020.01) <i>H03K 19/017</i> (2006.01) (45) 07.04.2022 (72) A., Santhosh; Meshram, Vaibhav (74) Pravin R. Kshirsagar</p> <hr/> <p>A., V. see S., G. (21) 2021103285</p> <hr/> <p>A. H., S. see S., G. (21) 2021103285</p> <hr/> <p>A.K, D.R. see Raaza, A. (21) 2021104384</p> <hr/> <p>(71) ACHARJEE, J. (11) AU-A-2021103854 (21) 2021103854 (22) 03.07.2021 (54) A SYSTEM AND METHOD FOR DESIGNING A COMPACT MULTIBAND ANTENNA (51) Int. Cl. <i>H01Q 9/04</i> (2006.01) <i>H01Q 9/06</i> (2006.01) (45) 07.04.2022 (72) ACHARJEE, JUIN; KUMBHAKAR, MIHIR; MANDAL, KAUSHIK; MANDAL, SUJIT KUMAR (74) JUIN ACHARJEE</p> <hr/> <p>(71) Acharya, B.; Kuanr, M.; Patra, T.K.; Mohapatra, P.; Mahapatra, S.; Rai, P.; Sahu, A. (11) AU-A-2021104017 (21) 2021104017 (22) 09.07.2021 (54) INTELLIGENT CIRCUIT ENABLE ELECTRONIC PORTABLE APPARATUS FOR MEDICINE REMINDER (51) Int. Cl. <i>A61J 7/04</i> (2006.01)</p>	<p>G16H 20/10 (2018.01) (45) 07.04.2022 (72) Acharya, Biswaranjan; Kuanr, Madhusree; Patra, Tapas Kumar; Mohapatra, Puspanjali; Mahapatra, Sakuntala; Rai, Priti; Sahu, Amaresh (74) Biswaranjan Acharya</p> <hr/> <p>Adarshavathi, J. see Padmavathi, G. (21) 2021102417</p> <hr/> <p>(71) ADITYA ENGINEERING COLLEGE, Surampalem (11) AU-A-2021103720 (21) 2021103720 (22) 29.06.2021 (54) VIRTUAL REALITY LEARNING AND AMUSEMENT SYSTEM BASED ON ARTIFICIAL INTELLIGENCE (AI) AND IOT (51) Int. Cl. <i>G06T 19/00</i> (2011.01) <i>G06F 3/00</i> (2006.01) <i>G06N 20/00</i> (2019.01) <i>G09B 9/00</i> (2006.01) (31) 202141021933 (32) 15.05.21 (33) IN (45) 07.04.2022 (72) Sree, Sripada Rama; Vanathi, A.; Ramesh, S. N. S. V. S. C.; Andiran, V. (74) G S Collison</p> <hr/> <p>Agrawal, M. see Singhal, R. (21) 2021104261</p> <hr/> <p>AKSHAYA, K. see JAGADESH, B. (21) 2021104108</p> <hr/> <p>Algahtani, A. see Tirth, V. (21) 2021101765</p> <hr/> <p>Alias, A.E. see Pukkunnen, E.B. (21) 2021103691</p> <hr/> <p>Alsouli, D.K.S. see Raaza, A. (21) 2021104384</p> <hr/> <p>(71) Ambildhuke, G.; Banik, B. (11) AU-A-2021103535 (21) 2021103535 (22) 22.06.2021 (54) A Portable IoT Device to predict rainfall based on current weather parameters and sky /cloud status at any location (51) Int. Cl. <i>G01W 1/10</i> (2006.01) <i>A01G 25/16</i> (2006.01)</p>	<p>G01W 1/02 (2006.01) <i>G06N 3/08</i> (2006.01) (45) 07.04.2022 (72) Ambildhuke, Geeta; Banik, Barnali (74) Bikramjit Singh</p> <hr/> <p>Anand, V. see Raaza, A. (21) 2021104384</p> <hr/> <p>ANIL RAUT, P. see CHAUDHARI, A.J. (21) 2021102777</p> <hr/> <p>A R, A. see Hindustan Institute of Technology and Science (21) 2021104637</p> <hr/> <p>(71) Arukala, S.R.; Pancharathi, R.K.; Pulkuri, A.R. (11) AU-A-2021104847 (21) 2021104847 (22) 02.08.2021 (54) A METHODOLOGICAL FRAMEWORK AND SYSTEM FOR ACHIEVING SUSTAINABLE BUILDING CONSTRUCTION (51) Int. Cl. <i>G06F 17/18</i> (2006.01) <i>G06Q 10/06</i> (2012.01) <i>G06Q 50/08</i> (2012.01) <i>G06K 19/06</i> (2006.01) (45) 07.04.2022 (72) Arukala, Suchith Reddy; Pancharathi, Rathish Kumar (74) Suchith Reddy Arukala</p> <hr/> <p>Asthana, S. see Singh, A. (21) 2021104070</p> <hr/> <p>Badal, S. see Mishra, A. (21) 2021104166</p> <hr/> <p>Baddruddin Magami, I.A. see Tirth, V. (21) 2021101765</p> <hr/> <p>Balasubramaniam, S. see Pukkunnen, E.B. (21) 2021103691</p> <hr/> <p>Banik, B. see Ambildhuke, G. (21) 2021103535</p> <hr/> <p>Basavaraju, T.G. see S., G. (21) 2021103285</p>
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 (51) Int. Cl.
G06Q 30/06 (2012.01)
G06F 16/953 (2019.01)
G06N 5/04 (2006.01)
 (45) 07.04.2022
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 (74) Dr. Sarfaraz Masood

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 (54) Waste Collection Bin
 (51) Int. Cl.
B65F 1/00 (2006.01)
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G01G 19/52 (2006.01)
G06Q 50/28 (2012.01)
B65F 1/14 (2006.01)
 (45) 07.04.2022
 (72) Mishra, Ankit; Singh, Abhijeet; Shukla, Sheo; Badal, Shailendra; Singh, Pushpendra; Tiwari, Ashutosh; Singh, Narendra; Tripathi, Anurag
 (74) IPQuad Partners

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(71) NAIKODI, C.
 (11) AU-A-2021104803
 (21) 2021104803 (22) 02.08.2021
 (54) Add-on to Smart Toilets with Iris Recognition and Auto-Measuring of Basic Functions Viz Weight, Temperature, Pulse Rate, Urine, Stool Analysis of the Human for Tracking Seating Time, Health Status and Signs of Disease
 (51) Int. Cl.
G16H 15/00 (2018.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/024 (2006.01)
A61B 5/1171 (2016.01)
A61B 5/20 (2006.01)
G08B 31/00 (2006.01)
G16H 10/40 (2018.01)
G16H 50/30 (2018.01)
 (45) 07.04.2022
 (72) NAIKODI, CHANDRAKANT
 (74) CHANDRAKANT NAIKODI

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 (74) Anand Nayyar

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 (11) AU-A-2021104079
 (21) 2021104079 (22) 13.07.2021
 (54) A SYSTEM BASED ON ARTIFICIAL INTELLIGENCE FOR RECOGNITION OF EMOTIONAL STATUS
 (51) Int. Cl.
G16H 50/20 (2018.01)
G06N 20/10 (2019.01)
 (45) 07.04.2022
 (72) Nayyar, Anand; P., Rashmi; Supriya, M.; Patil, Sujata; Karchi, Nalini
 (74) Anand Nayyar

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(71) Padmavathi, G.; Siva Kumar, P.V.; Sri-ramudu; Palli, C.; Adarshavathi, J.
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 (54) A SYSTEM AND METHOD FOR ENHANCING STUDENT KNOWLEDGE THROUGH BLOCKCHAIN-BASED APPROACHES
 (51) Int. Cl.
G06Q 50/20 (2012.01)
G06F 16/27 (2019.01)
H04L 9/06 (2006.01)
 (45) 07.04.2022
 (72) Padmavathi, Guddeti; Siva Kumar, Pasupuleti Venkata; Sriramudu; Palli, Chaitanya; Adarshavathi, J.
 (74) Dr. Guddeti Padmavathi

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(71) Park, S.
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(54) APPARATUS FOR COLLECTING AND STORING FLUID SAMPLES FROM VEHICLES AND MACHINERY
(51) Int. Cl.
G01N 1/14 (2006.01)
B65D 41/04 (2006.01)
B65D 51/18 (2006.01)
B65D 51/24 (2006.01)
B67C 3/16 (2006.01)
B67C 3/26 (2006.01)
F01M 11/04 (2006.01)
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(62) 2020408367
(72) Park, Shane
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(21) 2021104106 (22) 13.07.2021
(54) A BRAIN COMPUTER INTERFACE (BCI) BASED SYSTEM AND METHOD FOR CHARACTERIZING BEHAVIOR STATE OF A SUBJECT

(51) Int. Cl.
G06F 3/01 (2006.01)
A61B 5/00 (2006.01)
A61B 5/372 (2021.01)
G06N 20/10 (2019.01)

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(74) Pravin R. Kshirsagar

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(21) 2021103691 (22) 29.06.2021
(54) A NUTMEG DECORTICATOR WITH SORTER-GRADER BASED ON MACHINE LEARNING.
(51) Int. Cl.
B02B 3/04 (2006.01)
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(74) Emmanuel Babu Pukkunnen

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(21) 2021103626 (22) 25.06.2021
(54) IoT CONTROLLED AUTOBOT FOR WAREHOUSE MANAGEMENT

(51) Int. Cl.
G05B 19/048 (2006.01)
B25J 9/16 (2006.01)
B25J 19/02 (2006.01)
G01S 17/89 (2020.01)
H04W 4/38 (2018.01)
B25J 5/00 (2006.01)
B25J 15/00 (2006.01)
B25J 18/02 (2006.01)
G05D 1/02 (2020.01)
H04N 5/232 (2006.01)
H04N 7/18 (2006.01)

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(72) Raaza, Arun; A. K., Dhayaa Ranijan; A., Savetha; Salil, Farah Noureen; Sabith, Fareiba; Manimaran, Kaamini; Johnreo, R. E.; Suhas, K. N. S.; S., Jaisuthan
(74) Arun Raaza

(71) Raaza, A.; A.K, D.R.; Anand, V.; Jacob, A.M.; Alsouli, D.K.S.; JayaKumar, J.P.; Ezzeddine, J.W.; P, A.; Muthuraman, T.S.; Sijaria, D.; T, J.

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(21) 2021104384 (22) 21.07.2021
(54) Artificial Intelligence-based multipurpose cradle system
(51) Int. Cl.
A47D 9/02 (2006.01)
G08B 21/02 (2006.01)

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- Ramalingam, P. see Hindustan Institute of Technology and Science**
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- Ranjan, O.P. see Wal, A.**
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- Raut, Y. see Kundra, H.**
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(11) AU-A-2021104360
(21) 2021104360 **(22)** 20.07.2021
(54) MATLAB SIMULINK BASED SOLAR TRACKING ON PHOTOVOLTAIC MODULE
(51) Int. Cl.
- G01S 3/786** (2006.01)
G05B 11/42 (2006.01)
H02S 20/32 (2014.01)
- (45)** 07.04.2022
(72) A., NISHA; SHARMA, AMIT; SHUKLA, ASHUTOSH; SINGH, PRIYANKA
(74) Roorkee College of Engineering
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(11) AU-A-2021103285
(21) 2021103285 **(22)** 10.06.2021
(54) UNMANNED AERIAL VEHICLE BASED MEDICINAL PLANT CLASSIFICATION SYSTEM
(51) Int. Cl.
G06K 9/62 (2006.01)
G01N 33/00 (2006.01)
G06N 20/00 (2019.01)
G06V 20/13 (2022.01)
G01N 33/50 (2006.01)
- (45)** 07.04.2022
(72) S., Gowrishankar; A., Veena; Ramesh, Asha; A. H., Srinivasa; Basavaraju, T. G.; Siddaiah, Siddaraju; L., Nirmala
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- (71)** Sahayaraj, J.M.
(11) AU-A-2021104215
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(54) AN INTERNET OF THINGS BASED COVID SPREAD PREVENTION SYSTEM AND ITS METHOD THEREOF
(51) Int. Cl.
G08B 25/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/024 (2006.01)
A61B 5/08 (2006.01)
A61B 5/1455 (2006.01)
A61L 2/00 (2006.01)
G16H 50/20 (2018.01)
G16Y 40/10 (2020.01)
A47K 5/12 (2006.01)
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(72) Sahayaraj, J. Martin; Kumaresan, T.; Saravanakumar, S.; Pratha, S. Jaya; Kumar, N. C. Sendhil; Mukunthan, P.; Subash, N.; Subramanian, P.; Tamilarasan, N.; S. B., Lenin.; Ramesh, T.; Jayapandian, N.
(74) Dr. J. Martin Sahayaraj
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(11) AU-A-2021103884
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(54) Epileptic Seizure Detection and Classification Using HOG feature based MSCA-ELM Model and Embedded Prototype Development
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
A61B 5/372 (2021.01)
G16H 30/40 (2018.01)
- (45)** 07.04.2022
(72) Mishra, Satyasis; Panda, Sreelekha; Mohanty, Mihir Narayan; Shaik, Asif Basha
(74) Satyasis Mishra

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(11) AU-A-2021104074

(21) 2021104074 (22) 12.07.2021

(54) A SMART ELECTROMECHANICAL STANDING VENTILATOR SYSTEM FOR INTENSIVE CARE UNIT

(51) Int. Cl.

A61M 16/10 (2006.01)

A61M 16/00 (2006.01)

A61M 16/06 (2006.01)

(45) 07.04.2022

(72) SHARMA, Dr. RENUKA; UPADHYE, DR. VIJAY; JAGDISH SHARMA, DR. RAJESH; SAHEBRAO PATIL, DR. HANAMANTRAO; SHARMA PADROO, DR. BHAWNA; KAUR, DR. JASKIR-AT; Singh, Dr. Jitender; Kataria, Dr. Ritu; Singh, Dr. Chhater; Sangeetha, Dr. S.Brilly

(74) Dr. RENUKA SHARMA

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(11) AU-A-2021104041

(21) 2021104041 (22) 10.07.2021

(54) A DEDICATED REMOTE HEALTH MONITORING SYSTEM AND METHOD FOR MEDICAL PRACTITIONERS

(51) Int. Cl.

G16H 50/20 (2018.01)

A61B 5/00 (2006.01)

A61B 5/01 (2006.01)

A61B 5/024 (2006.01)

A61B 5/11 (2006.01)

A61B 5/145 (2006.01)

G16H 15/00 (2018.01)

G16H 80/00 (2018.01)

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(74) Dr. Arun Kumar Tiwari

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(11) AU-A-2021104070

(21) 2021104070 (22) 12.07.2021

(54) Eco Friendly Slow Release Urea Fertilizer Based on Starch-G-poly Composite with Natural Char Nanoparticles

(51) Int. Cl.

C05G 3/40 (2020.01)

C05C 9/00 (2006.01)

C08L 3/04 (2006.01)

(45) 07.04.2022

(72) Singh, Anupam; Rai, Ashish Kumar; Kumar, Gaurav; Tiwari, Richa; Asthana, Sugandha; Bhargava, Prachi; Choud-

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(71) Singhal, P.K.; Singhai, R.; Singhai, J.; Kundu, S.K.; Shukla, P.K.

(11) AU-A-2021103968

(21) 2021103968 (22) 08.07.2021

(54) PLANAR AND FICTIONAL CURVE STRUCTURED PATCH ANTENNA WITH SYMMETRICALLY SWASTIKA SLOTTED GROUND PLANE

(51) Int. Cl.

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H01Q 5/28 (2015.01)

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H01Q 13/10 (2006.01)

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(51) Int. Cl.

G06T 11/00 (2006.01)

(45) 07.04.2022

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(74) Rishabh Singhal

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(21) 2021104504

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(21) 2021104106

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(74) Dr Ratnesh Tiwari

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 (74) Pranay Wal

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 (74) Pranay Wal

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- . (*) Title not in Roman characters
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<p>(71) Acoustic Data Limited (11) AU-A-2020345173 (21) 2020345173 (22) 10.09.2020 (54) Coupling mechanism (51) Int. Cl. <i>E21B 47/14</i> (2006.01) <i>E21B 23/01</i> (2006.01) <i>E21B 23/02</i> (2006.01) <i>E21B 33/129</i> (2006.01) <i>E21B 47/16</i> (2006.01) <i>G01V 11/00</i> (2006.01) (87) WO2021/048774 (31) 1913245.5 (32) 13.09.19 (33) GB (43) 18.03.2021 (72) TOLLEY, Mark (74) FB Rice Pty Ltd</p>	<p>(71) Adama Australia Pty Ltd (11) AU-A-2020334352 (21) 2020334352 (22) 20.08.2020 (54) Synergistic HPPD mixtures (51) Int. Cl. <i>A01N 43/56</i> (2006.01) <i>A01N 25/30</i> (2006.01) <i>A01N 37/34</i> (2006.01) <i>A01N 37/48</i> (2006.01) <i>A01N 39/04</i> (2006.01) <i>A01N 41/10</i> (2006.01) <i>A01N 43/40</i> (2006.01) <i>A01N 43/42</i> (2006.01) <i>A01N 43/46</i> (2006.01) <i>A01N 43/80</i> (2006.01) <i>A01N 43/90</i> (2006.01) <i>A01N 47/30</i> (2006.01) (87) WO2021/030856 (31) 2019903071 (32) 22.08.19 (33) AU (43) 25.02.2021 (72) HORSFIELD, Andrew; ADDISON, Bevan (74) Chrysiliou IP</p>	<p>(71) Aerostar International, Inc. (11) AU-A-2020333741 (21) 2020333741 (22) 18.08.2020 (54) Seals for aerial vehicles (51) Int. Cl. <i>B64B 1/58</i> (2006.01) <i>B32B 27/32</i> (2006.01) <i>B32B 37/06</i> (2006.01) <i>B32B 37/08</i> (2006.01) <i>B64F 5/10</i> (2017.01) (87) WO2021/034835 (31) 16/547,150 (32) 21.08.19 (33) US (43) 25.02.2021 (72) ROACH, Kevin; GONG, Chaokun; HAEGELE, Chase (74) FB Rice Pty Ltd</p>
<p>(71) Across Africa Fuels (Pty) Ltd (11) AU-A-2020358462 (21) 2020358462 (22) 02.10.2020 (54) Container for transporting liquids (51) Int. Cl. <i>B65D 88/16</i> (2006.01) <i>B65D 88/22</i> (2006.01) (87) WO2021/064649 (31) 2019/06507 (32) 03.10.19 (33) ZA (43) 08.04.2021 (72) POTGIETER, Willem Frederik (74) Cotters Patent & Trade Mark Attorneys</p>	<p>(71) Adaptive Phage Therapeutics (11) AU-A-2020359639 (21) 2020359639 (22) 30.09.2020 (54) Method for purification of bacteriophage particles (51) Int. Cl. <i>C12N 7/02</i> (2006.01) <i>A61K 35/76</i> (2015.01) <i>A61P 31/04</i> (2006.01) (87) WO2021/067477 (31) 62/908,943 (32) 01.10.19 (33) US (43) 08.04.2021 (72) FACKLER, Joseph; MERRIL, Carl; HAIDER, Jarrar; DANG, Viet (74) Madderns Pty Ltd</p>	<p>(71) AI21 Labs (11) AU-A-2020326435 (21) 2020326435 (22) 13.07.2020 (54) Systems and methods of controllable natural language generation (51) Int. Cl. <i>G06F 40/00</i> (2020.01) (87) WO2021/025825 (31) 62/882,732 (32) 05.08.19 (33) US 62/882,734 05.08.19 US 62/943,493 04.12.19 US (43) 11.02.2021 (72) PELEG, Barak; PADNOS, Dan; MORAG, Amnon; LUMBROSO, Gilad; SHOHAM, Yoav; GOSHEN, Ori; LENZ, Barak; DAGAN, Or (74) RnB IP Pty Ltd</p>
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H01M 4/38 (2006.01)
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H01M 50/172 (2021.01)
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A61J 3/00 (2006.01)
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G01N 21/31 (2006.01)
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H01Q 1/22 (2006.01)
G06K 7/10 (2006.01)
G07C 9/00 (2020.01)
H01Q 1/00 (2006.01)
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H01Q 5/25 (2015.01)
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A61K 35/768 (2015.01)
A61K 38/20 (2006.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
A61P 35/00 (2006.01)
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C12N 5/078 (2010.01)
A61K 35/17 (2015.01)
C07K 14/725 (2006.01)
C07K 14/74 (2006.01)
C07K 16/28 (2006.01)
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F16K 3/02 (2006.01)
E03B 9/02 (2006.01)
F16K 31/46 (2006.01)
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E01C 19/44 (2006.01)
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C07D 491/22 (2006.01)
A61K 31/4375 (2006.01)
A61K 47/68 (2017.01)
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B29C 39/14 (2006.01)
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B29C 59/02 (2006.01)
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F15D 1/12 (2006.01)
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A61M 25/09 (2006.01)
A61B 18/00 (2006.01)
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A61K 36/896 (2006.01)
A23L 2/38 (2021.01)
A23L 33/105 (2016.01)
A61K 36/342 (2006.01)
A61K 36/605 (2006.01)
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G02C 7/04 (2006.01)
A45C 11/00 (2006.01)
A61K 9/00 (2006.01)
A61P 27/02 (2006.01)
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A61K 47/54 (2017.01)
A61K 38/22 (2006.01)
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C12N 7/00 (2006.01)
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C07K 14/00 (2006.01)
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G16B 40/00 (2019.01)
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A61P 25/22 (2006.01)
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G06V 10/82 (2022.01)
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F24C 15/00 (2006.01)
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B60L 58/10 (2019.01)
H02J 7/00 (2006.01)
H02M 3/155 (2006.01)
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G08B 29/18 (2006.01)
G16H 20/17 (2018.01)
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A61M 5/168 (2006.01)
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 BEYHL, Dylan
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A01H 13/00 (2006.01)
A23K 10/30 (2016.01)
A23K 20/163 (2016.01)
A23L 33/10 (2016.01)
A23L 33/105 (2016.01)
A23L 33/21 (2016.01)
A61K 8/9706 (2017.01)
A61K 36/02 (2006.01)
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A61Q 19/00 (2006.01)
C12N 1/12 (2006.01)
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A23L 2/52 (2006.01)
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 (54) Urinal system, water consumer system
 having a urinal system, and method for
 operating a urinal system
 (51) Int. Cl.
E03D 5/10 (2006.01)
E03D 9/16 (2006.01)
E03D 13/00 (2006.01)
G05B 23/02 (2006.01)
H04L 67/125 (2022.01)
H04W 4/38 (2018.01)
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 A61B 5/374 (2021.01)
 G16H 50/20 (2018.01)
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 A23L 33/21 (2016.01)
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 (54) Production of sialylated oligosaccharides in Bacillus cells
 (51) Int. Cl.
 C12P 19/18 (2006.01)
 A23L 33/21 (2016.01)
 C07H 1/08 (2006.01)
 C07H 3/06 (2006.01)
 C12P 19/26 (2006.01)
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 A23K 10/37 (2016.01)

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(21) 2020337415 **(22)** 25.08.2020
(54) Anti-pathogen compositions
(51) Int. Cl.
A01N 59/16 (2006.01)
A01N 25/04 (2006.01)
A01N 25/08 (2006.01)
C01G 39/02 (2006.01)
A61L 101/02 (2006.01)
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(21) 2020349691 **(22)** 18.09.2020
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(51) Int. Cl.
B28B 1/00 (2006.01)
B65D 13/02 (2006.01)
C12G 1/02 (2006.01)
C12H 1/22 (2006.01)
(87) WO2021/053593
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(74) Griffith Hack
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(51) Int. Cl.
G06F 16/906 (2019.01)
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(74) CreatelP
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(54) Moving-bed particle heat exchanger
(51) Int. Cl.
F28C 3/16 (2006.01)
F28D 7/16 (2006.01)
F28D 13/00 (2006.01)
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G01N 27/30 (2006.01)
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(51) Int. Cl.
G01N 27/30 (2006.01)
G01N 27/414 (2006.01)
(87) WO2021/087569
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(51) Int. Cl.
G02B 6/38 (2006.01)
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(51) Int. Cl.
B60C 15/04 (2006.01)
B29D 30/48 (2006.01)
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(51) Int. Cl.
G06N 3/08 (2006.01)
G06N 3/04 (2006.01)
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(51) Int. Cl.
H04L 9/08 (2006.01)
H04L 9/14 (2006.01)
H04L 67/141 (2022.01)
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(51) Int. Cl.
A01N 25/00 (2006.01)
A01N 25/02 (2006.01)
A01N 37/46 (2006.01)
A01N 43/88 (2006.01)
A01N 51/00 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
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C04B 26/02 (2006.01)
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FRATTINI, Lucia; ÁLVAREZ DE
DIEGO, Javier
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sonic cleaning device
- (51) Int. Cl.
B08B 3/12 (2006.01)
D06F 7/04 (2006.01)
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- (74) Patentec Patent Attorneys
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and method for producing a concrete
floor and a concrete floor element
- (51) Int. Cl.
E04B 5/04 (2006.01)
E04B 5/43 (2006.01)
E04B 5/48 (2006.01)
E04C 3/26 (2006.01)
E04C 5/07 (2006.01)
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drocarbon fractions in a sample
- (51) Int. Cl.
G01N 21/35 (2014.01)
G01N 33/24 (2006.01)
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Ravi
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HDAC inhibitor and anti-PD1 antibody
or anti PD-L1 antibody
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A61K 31/165 (2006.01)
- A61K 31/416A** (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(21) 2020333760 (22) 19.08.2020
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cro-powders
- (51) Int. Cl.
C01B 32/00 (2017.01)
C01B 32/15 (2017.01)
C09C 1/44 (2006.01)
C09C 1/46 (2006.01)
C09C 1/48 (2006.01)
F28F 21/02 (2006.01)
H01B 3/18 (2006.01)
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- (31) 62/889,261 (32) 20.08.19 (33) US
(43) 25.02.2021
- (72) CLAUSS, Allen D.
- (74) Spruson & Ferguson
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- (71) Daikin Industries, Ltd.
(11) AU-A-2020348064
(21) 2020348064 (22) 14.09.2020
- (54) Indoor unit for air conditioner
- (51) Int. Cl.
F24F 11/65 (2018.01)
F24F 11/74 (2018.01)
F24F 11/755 (2018.01)
F24F 11/79 (2018.01)
F24F 11/80 (2018.01)
F24F 120/10 (2018.01)
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- (31) 2019-168563 (32) 17.09.19 (33) JP
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HAIKAWA, Tomoyuki; NUNO, Hayato
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(21) 2020350294 (22) 07.09.2020
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ditioner
- (51) Int. Cl.
F24F 11/74 (2018.01)
F24F 11/79 (2018.01)
F24F 13/20 (2006.01)
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ditioner
- (51) Int. Cl.
F24F 11/74 (2018.01)
F24F 11/79 (2018.01)
F24F 13/20 (2006.01)
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and air conditioner indoor unit
- (51) Int. Cl.
F04D 17/04 (2006.01)
- (87) WO2021/065079
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battery and electrolyte solution
- (51) Int. Cl.
H01M 10/36 (2010.01)
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(11) AU-A-2020363993
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cytotoxic T cell resistant tumors
- (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
A61K 45/06 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07K 16/06 (2006.01)
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- (71) Dana-Farber Cancer Institute, Inc.
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(21) 2020380333 (22) 05.11.2020
- (54) Selective histone deacetylase (HDAC)
degraders and methods of use thereof
- (51) Int. Cl.

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A61K 47/55 (2017.01)
C07C 259/06 (2006.01)
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DONOVAN, Katherine; ELEUTERI,
Nicholas
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(21) 2020351033 (22) 16.09.2020
(54) Yeast cells and methods for production
of tryptophan derivatives
(51) Int. Cl.
C12N 15/81 (2006.01)
C12P 13/00 (2006.01)
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VAN DER HOEK, Steven; SOMMER,
Morten Otto Alexander; ARMETTA,
Jérémy Christophe Daniel; THOMSEN,
Philip Tinggaard
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(54) Wheel sensors within vehicular brake
assemblies
(51) Int. Cl.
B60T 8/32 (2006.01)
B60T 8/86 (2006.01)
F16D 65/10 (2006.01)
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(31) 16/661,727 (32) 23.10.19 (33) US
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Markus; LIEVORE, Samuel
(74) AJ PARK
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(54) Power drive super capacitor, induct-
ive power source and system for track-
based vehicle systems
(51) Int. Cl.
A63H 18/12 (2006.01)
A63H 30/04 (2006.01)
H01F 38/14 (2006.01)
H02J 50/10 (2016.01)
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(72) SCHUBERT, Thomas
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sei Co., Ltd.
(11) AU-A-2021219508
- (21) 2021219508 (22) 28.01.2021
(54) Tile-type decorative flooring material
comprising non-slip foam, and method
for manufacturing same
(51) Int. Cl.
E04F 15/10 (2006.01)
B32B 5/18 (2006.01)
B32B 27/06 (2006.01)
B32B 27/20 (2006.01)
B32B 27/22 (2006.01)
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
B32B 38/14 (2006.01)
C08J 9/10 (2006.01)
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(72) OH, Dong Jin
(74) WRAYS PTY LTD
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(11) AU-A-2020334396
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(54) Unidirectional implement operating ap-
paratus
(51) Int. Cl.
G05D 1/12 (2006.01)
A01B 49/06 (2006.01)
A01B 69/00 (2006.01)
A01C 7/00 (2006.01)
A01C 7/06 (2006.01)
A01C 7/08 (2006.01)
G01B 11/27 (2006.01)
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(43) 25.02.2021
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(74) FB Rice Pty Ltd
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- (71) DRM S.R.L.
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(21) 2020333233 (22) 30.04.2020
(54) Ground coffee anticlumping
(51) Int. Cl.
A47J 42/40 (2006.01)
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(43) 25.02.2021
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(54) New feed additives of fat-soluble vitam-
ins
(51) Int. Cl.
A23K 20/174 (2016.01)
A23P 10/30 (2016.01)
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land; TSEKOU, Christos; ZWICK,
Thomas
(74) Phillips Ormonde Fitzpatrick
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(21) 2020364020 (22) 12.10.2020
(54) New process for the manufacture of
feed additives of carotenoids
(51) Int. Cl.
A23K 20/163 (2016.01)
A23K 20/179 (2016.01)
A23K 50/80 (2016.01)
A23P 10/30 (2016.01)
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(43) 15.04.2021
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tian; SCHEX, Roland; SCHLEGEL,
Bernd; VERLHAC, Viviane; ZWICK,
Thomas
(74) Phillips Ormonde Fitzpatrick
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(11) AU-A-2020365042
(21) 2020365042 (22) 12.10.2020
(54) New feed additives of carotenoids
(51) Int. Cl.
A23K 20/163 (2016.01)
A23K 20/179 (2016.01)
A23K 50/80 (2016.01)
A23P 10/30 (2016.01)
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tian; SCHEX, Roland; VERLHAC, Vivi-
ane; ZWICK, Thomas
(74) Phillips Ormonde Fitzpatrick
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- (71) Eastman Chemical Company
(11) AU-A-2020350517
(21) 2020350517 (22) 15.09.2020
(54) Agrochemical formulation containing a
sulfopolymer
(51) Int. Cl.
A01N 25/04 (2006.01)
C05G 5/27 (2020.01)
C08G 63/688 (2006.01)
C08G 63/91 (2006.01)
C08J 3/03 (2006.01)
C08L 67/00 (2006.01)
C08L 67/08 (2006.01)
C08L 93/04 (2006.01)
- (87) WO2021/055307
(31) 62/900,744 (32) 16.09.19 (33) US
62/900,739 16.09.19 US
(43) 25.03.2021
(72) PONASIK Jr., James Allen; DOS
SANTOS, Ana Margarida; VAN DEN
HENDE, Michiel; DE PAUW, Nico; DE-
LOACH, Joseph Alexander
(74) Phillips Ormonde Fitzpatrick
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- (71) ebiga-VISION GmbH; Maciej Oseka
4eyez
(11) AU-A-2020352751
(21) 2020352751 (22) 24.09.2020
(54) Composition of a dietary supplement
and/or a nutritional additive for food, a
unitary dosage form of said composi-
tion, and their use for improvement of
the quality of visual performance includ-

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

ing contrast sensitivity in persons in need of such an improvement, including persons suffering from at least one eye disease, particularly vitreous floaters

(51) Int. Cl.
A23L 33/105 (2016.01)
A23L 33/15 (2016.01)
A23L 33/16 (2016.01)
A23L 33/17 (2016.01)
A61K 31/315 (2006.01)
A61P 27/02 (2006.01)

(87) WO2021/061000
(31) P.431268 (32) 25.09.19 (33) PL
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(74) Raven IP

(71) EBS RV Technology Co., Ltd
(11) AU-A-2020362766
(21) 2020362766 (22) 25.09.2020
(54) Expansion-type mobile home and recreational vehicle applying same

(51) Int. Cl.
B60P 3/34 (2006.01)

(87) WO2021/068767
(31) 201910950164.3 (32) 08.10.19 (33) CN
(43) 15.04.2021
(72) MARQUETON, Michel
(74) A.P.T. Patent and Trade Mark Attorneys

(71) EGI Tech (Shen Zhen) Co., Limited
(11) AU-A-2019462785
(21) 2019462785 (22) 20.08.2019
(54) Method for sequencing polynucleotides on basis of optical signal dynamics of luminescent label and secondary luminescent signal

(51) Int. Cl.
C12Q 1/68 (2018.01)
C07H 19/073 (2006.01)

(87) WO2021/031109
(43) 25.02.2021
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(74) WRAYS PTY LTD

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(11) AU-A-2020328595
(21) 2020328595 (22) 14.08.2020
(54) New wing protector for winged capsule and method of using same

(51) Int. Cl.
A61D 7/00 (2006.01)
A61M 25/00 (2006.01)
A61M 31/00 (2006.01)

(87) WO2021/030696
(31) 62/886,594 (32) 14.08.19 (33) US
(43) 18.02.2021
(72) LI, Jianbin; COOPER, Benjamin Jeffrey
(74) Spruson & Ferguson

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2020381676
(21) 2020381676 (22) 29.09.2020

(54) Fan cover having a non-stick and/or non-wetting coating, cooking appliance comprising such a fan cover and method for manufacturing a fan cover

(51) Int. Cl.
F24C 15/00 (2006.01)

(87) WO2021/094030
(31) PCT/ (32) 07.04.20 (33) CN
CN2020/083446
19209417.5 15.11.19 EP
(43) 20.05.2021
(72) BÖCKLER, Marco; WÄLZLEIN, Klaus; AYNUR, Gerede; CESCOT, Paolo; BRATTI, Andrea; PAULI, Georg; LUCKHARDT, Christoph
(74) Halfords IP

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2020381822
(21) 2020381822 (22) 29.09.2020
(54) Component, in particular a top plate and/or a burner cap of a gas hob having a non-stick and/or non-wetting coating, gas hob comprising such a component and method for manufacturing a component

(51) Int. Cl.
F24C 15/00 (2006.01)
F24C 15/10 (2006.01)

(87) WO2021/094031
(31) PCT/ (32) 07.04.20 (33) CN
CN2020/083446
19209417.5 15.11.19 EP
(43) 20.05.2021
(72) SCHÜTZ, Tobias; WÄLZLEIN, Klaus; TISSELLI, Filippo
(74) Halfords IP

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2020381844
(21) 2020381844 (22) 29.09.2020
(54) Baking tray or baking grid having a non-stick and/or non-wetting coating, cooking appliance comprising such a baking tray or baking grid and method for manufacturing a baking tray or baking grid

(51) Int. Cl.
A21B 3/13 (2006.01)
F24C 15/16 (2006.01)

(87) WO2021/094032
(31) PCT/ (32) 07.04.20 (33) CN
CN2020/083446
19209417.5 15.11.19 EP
(43) 20.05.2021
(72) SCHÜTZ, Tobias; TISSELLI, Filippo; WÄLZLEIN, Klaus
(74) Halfords IP

(71) Elopak ASA
(11) AU-A-2020344942
(21) 2020344942 (22) 08.09.2020
(54) Carton blank and gable top carton produced from the same

(51) Int. Cl.
B65D 5/06 (2006.01)

(87) WO2021/048153
(31) 20191110 (32) 13.09.19 (33) NO

(43) 18.03.2021
(72) WIESER, Martin Kurt
(74) AJ PARK

(71) ESCO Group LLC
(11) AU-A-2020340430
(21) 2020340430 (22) 28.08.2020
(54) Monitoring ground-engaging tool, system, and methods for earth working equipment

(51) Int. Cl.
B64C 39/02 (2006.01)
E02F 3/28 (2006.01)
E02F 9/28 (2006.01)

(87) WO2021/041988
(31) 62/894,635 (32) 30.08.19 (33) US
(43) 04.03.2021
(72) CARPENTER, Christopher M.; CLARKE, Rodney K.; MORRIS, Xudan X.
(74) Minter Ellison

(71) Ethicon, Inc.
(11) AU-A-2020358460
(21) 2020358460 (22) 01.10.2020
(54) Dispensing systems and devices having anti-clogging spray tips for dispensing two or more fluids that react together

(51) Int. Cl.
A61B 17/00 (2006.01)

(87) WO2021/064643
(31) 16/593,783 (32) 04.10.19 (33) US
(43) 08.04.2021
(72) TREZZA, II, Michael J.; GHODBANE, Salim A.; GUO, Jianxin
(74) FPA Patent Attorneys Pty Ltd

(71) Ethicon, Inc.
(11) AU-A-2020358964
(21) 2020358964 (22) 30.09.2020
(54) Spray devices having side-by-side spray tips for dispensing two fluids that chemically react together

(51) Int. Cl.
A61B 17/00 (2006.01)
B05B 1/34 (2006.01)
B05B 7/10 (2006.01)

(87) WO2021/064617
(31) 16/593,799 (32) 04.10.19 (33) US
(43) 08.04.2021
(72) TREZZA II, Michael J.; GHODBANE, Salim A.; COHN, Simon
(74) FPA Patent Attorneys Pty Ltd

(71) ETH Zurich
(11) AU-A-2020335214
(21) 2020335214 (22) 26.08.2020
(54) Light gold

(51) Int. Cl.
B22F 1/00 (2006.01)
C07K 14/47 (2006.01)
C08H 1/00 (2006.01)
C08J 3/075 (2006.01)
C08J 3/24 (2006.01)
C08L 25/06 (2006.01)
C08L 89/00 (2006.01)

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C08K 3/08 (2006.01)
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(31) 19194693.8 **(32)** 30.08.19 **(33)** EP
(43) 04.03.2021
(72) VAN 'T HAG, Leonie; MEZZENGA, Raffaele
(74) WRAYS PTY LTD
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- (71)** ETH Zurich
(11) AU-A-2020367382
(21) 2020367382 **(22)** 14.10.2020
(54) Cell line for TCR discovery and engineering and methods of use thereof
(51) Int. Cl.
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
G01N 33/50 (2006.01)
(87) WO2021/074249
(31) 19202970.0 **(32)** 14.10.19 **(33)** EP
(43) 22.04.2021
(72) VAZQUEZ-LOMBARDI, Rodrigo; JUNG, Johanna Sophie; REDDY, Sai Tota
(74) Cotters Patent & Trade Mark Attorneys
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- (71)** Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)
(11) AU-A-2020337177
(21) 2020337177 **(22)** 21.08.2020
(54) Therapeutic methods and uses thereof
(51) Int. Cl.
A61P 25/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/496 (2006.01)
(87) WO2021/035289
(31) 2019903095 **(32)** 23.08.19 **(33)** AU
(43) 04.03.2021
(72) VANKAN, Pierre; PURSEY, Peter
(74) Davies Collison Cave Pty Ltd
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- (71)** Exato IP LLC
(11) AU-A-2020333663
(21) 2020333663 **(22)** 14.08.2020
(54) Stage automation system
(51) Int. Cl.
H04L 27/00 (2006.01)
(87) WO2021/034703
(31) 62/938,118 **(32)** 20.11.19 **(33)** US
 62/887,998 16.08.19 US
 16/751,984 24.01.20 US
(43) 25.02.2021
(72) MAST, Ryan
(74) COOPER IP PTY. LTD.
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- (71)** Exo Imaging, Inc.
(11) AU-A-2020344610
(21) 2020344610 **(22)** 11.09.2020
(54) Increased MUT coupling efficiency and bandwidth via edge groove, virtual pivots, and free boundaries
(51) Int. Cl.
H01L 41/33 (2013.01)
(87) WO2021/050853
(31) 62/899,602 **(32)** 12.09.19 **(33)** US
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(72) BIRCUMSHAW, Brian; AKKARAJU, Sandeep; KWON, Haesung
(74) FB Rice Pty Ltd
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- (71)** Fate Therapeutics, Inc.
(11) AU-A-2020363697
(21) 2020363697 **(22)** 07.10.2020
(54) Enhanced chimeric antigen receptor for immune effector cell engineering and use thereof
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2021/071962
(31) 62/916,468 **(32)** 17.10.19 **(33)** US
 62/912,000 07.10.19 US
(43) 15.04.2021
(72) VALAMEHR, Bahram; BJORDHL, Ryan; LEE, Tom Tong; GOODRIDGE, Jode
(74) Spruson & Ferguson
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- (71)** Figene, LLC
(11) AU-A-2020345775
(21) 2020345775 **(22)** 09.09.2020
(54) Treatment of traumatic encephalopathy by fibroblasts and therapeutic adjuvants
(51) Int. Cl.
C07D 265/38 (2006.01)
A61K 31/536 (2006.01)
C07D 413/10 (2006.01)
(87) WO2021/050583
(31) 62/897,429 **(32)** 09.09.19 **(33)** US
(43) 18.03.2021
(72) ICHIM, Thomas; O'HEERON, Pete
(74) FB Rice Pty Ltd
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- (71)** Figene, LLC
(11) AU-A-2020347150
(21) 2020347150 **(22)** 09.09.2020
(54) Fibroblast and fibroblast-immunocyte combinations for treatment of subconcussive- and concussive-associated neurological damage
(51) Int. Cl.
C12Q 1/6883 (2018.01)
A61K 45/06 (2006.01)
A61P 25/00 (2006.01)
(87) WO2021/050549
(31) 62/897,428 **(32)** 09.09.19 **(33)** US
(43) 18.03.2021
(72) ICHIM, Thomas
(74) FB Rice Pty Ltd
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- (71)** Fives FCB
(11) AU-A-2020342592
(21) 2020342592 **(22)** 01.09.2020
(54) Method of separating different constituents of a concrete for deconstruction
(51) Int. Cl.
B02C 17/18 (2006.01)
B02C 23/08 (2006.01)
C04B 18/16 (2006.01)
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- (87)** WO2021/043775
(31) FR1909630 **(32)** 02.09.19 **(33)** FR
(43) 11.03.2021
(72) CORDONNIER, Alain; BOUDOT, François; FRUCHART, Alain; GUIMARD, Yannick; PORTAL, Jérôme
(74) Spruson & Ferguson
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- (71)** Flagship Pioneering Innovations VI, LLC
(11) AU-A-2020340290
(21) 2020340290 **(22)** 24.08.2020
(54) Modification of plant messenger packs with charged lipids
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 36/48 (2006.01)
C12N 15/87 (2006.01)
(87) WO2021/041301
(31) 62/891,329 **(32)** 24.08.19 **(33)** US
 62/981,968 26.02.20 US
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(43) 04.03.2021
(72) VAN ROOIJEN, Maria Helena Christine; TAM, Hok Hei; AMADO, Maier Steve; AVENDANO, MARTIN, Barry Andrew; MARTINEZ, Ignacio; KOWALSKI, Piotr Stanislaw; NUKOLOVA, Nataliya Vladimirovna; CASEY JR., John Patrick; PATEL, Siddharth; BOGORAD, Roman Lvovitch
(74) Davies Collison Cave Pty Ltd
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- (71)** Flint, D.
(11) AU-A-2020337174
(21) 2020337174 **(22)** 24.08.2020
(54) Pain management methodology
(51) Int. Cl.
A61M 21/00 (2006.01)
(87) WO2021/035276
(31) 2019903081 **(32)** 23.08.19 **(33)** AU
(43) 04.03.2021
(72) FLINT, David
(74) Chrysiliou IP
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- (71)** Fiospine, LLC
(11) AU-A-2020334921
(21) 2020334921 **(22)** 21.08.2020
(54) Interspinous-interlaminar stabilization systems and methods
(51) Int. Cl.
A61F 2/44 (2006.01)
(87) WO2021/035160
(31) 62/889,719 **(32)** 21.08.19 **(33)** US
(43) 25.02.2021
(72) SOO, Cheng-Lun; HARRIS, Peter M.; BOMBACH, Robert; SPITLER, James Q.; ESCOBAR III, Luis A.
(74) Spruson & Ferguson
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- (71)** Focus Universal
(11) AU-A-2019462043
(21) 2019462043 **(22)** 16.08.2019
(54) Payment card security
(51) Int. Cl.
G06K 19/06 (2006.01)

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(72) WANG, Desheng	16/576,720	19.09.19	US	WIEGAND, Thomas; BROSS, Ben-
(74) Phillips Ormonde Fitzpatrick	62/704,785	28.05.20	US	jamin; WINKEN, Martin; SIEKMANN,
	63/024,432	13.05.20	US	Mischa
	(43) 25.03.2021			(74) Griffith Hack
(71) FootPrint International, LLC	(72) LUKE, George P.; BABU, Suresh			
(11) AU-A-2021276241	(74) Spruson & Ferguson			
(21) 2021276241		(22) 14.05.2021		
(54) Acrylate and non-acrylate based chemical compositions for selectively coating fiber-based food containers				
(51) Int. Cl.	(71) Formulae 8 Pty Ltd			
B05D 1/02 (2006.01)	(11) AU-A-2020353382			
B05D 1/18 (2006.01)	(21) 2020353382	(22) 22.09.2020		
B05D 1/28 (2006.01)	(54) Silicone droplets			
(87) WO2021/236433	(51) Int. Cl.			
(31) 16/877,419	A61K 8/04 (2006.01)			
(32) 18.05.20	A61K 8/58 (2006.01)			
(33) US	A61K 8/891 (2006.01)			
(43) 25.11.2021	A61K 8/895 (2006.01)			
(72) CHUNG, Yoke, D.; ZIEGELMAN, Dustin; ZHANG, Yiyan; GONZALEZ, Ric; WANG, Min	A61K 9/10 (2006.01)			
(74) Spruson & Ferguson	A61K 47/24 (2006.01)			
	A61Q 5/02 (2006.01)			
	A61Q 5/12 (2006.01)			
	A61Q 19/00 (2006.01)			
	A61Q 19/02 (2006.01)			
	A61Q 19/10 (2006.01)			
(71) FORMA Therapeutics, Inc.	(87) WO2021/056053			
(11) AU-A-2020349555	(31) 2019903575	(32) 25.09.19	(33) AU	
(21) 2020349555	(43) 01.04.2021			
(22) 18.09.2020	(72) LAMBINO, Danilo			
(54) Activating Pyruvate Kinase R	(74) MINTER ELLISON			
(51) Int. Cl.				
A61K 31/407 (2006.01)	(71) Forty Seven, Inc.			
A61K 31/436 (2006.01)	(11) AU-A-2020365113			
A61P 7/06 (2006.01)	(21) 2020365113	(22) 16.10.2020		
C07D 487/04 (2006.01)	(54) Combination therapies for treating myelodysplastic syndromes and acute myeloid leukemia			
(87) WO2021/055807	(51) Int. Cl.			
(31) PCT/	A61K 39/395 (2006.01)			
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63/024,441	(72) CAO, Yinuo; CHAO, Mark Ping; MA-JETI, Ravindra; MAUTE, Roy Louis; TAKIMOTO, Chris Hidemi Mizufune; TRAN, Kelly			
(43) 25.03.2021	(74) FPA Patent Attorneys Pty Ltd			
(72) ERICSSON, Anna; GREEN, Neal; GUSTAFSON, Gary; LANCIA Jr., David R.; MARSHALL, Gary; MITCHEL, Lorna; RICHARD, David; WANG, Zhongguo; FORSYTH, Sanjeev; KELLY, Patrick F.; MONDAL, Madhu; RIBADENEIRA, Maria; SCHROEDER, Patricia				
(74) Spruson & Ferguson				
	(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.			
(71) FORMA Therapeutics, Inc.	(11) AU-A-2020354500			
(11) AU-A-2020350763	(21) 2020354500	(22) 24.09.2020		
(21) 2020350763	(54) Efficient implementation of matrix-based intra-prediction			
(54) Pyruvate kinase R (PKR) activating compositions	(51) Int. Cl.			
(51) Int. Cl.	H04N 19/11 (2014.01)			
A61K 31/407 (2006.01)	H04N 19/59 (2014.01)			
A61K 31/436 (2006.01)	H04N 19/593 (2014.01)			
A61P 7/06 (2006.01)	H04N 19/70 (2014.01)			
C07D 487/04 (2006.01)	(87) WO2021/058640			
(87) WO2021/055863	(31) 19199396.3	(32) 24.09.19	(33) EP	
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	(71) Galactic Telecom Group			
	(11) AU-A-2020364591			
	(21) 2020364591	(22) 14.04.2020		
	(54) Mobile Wireless Broadband Network Interface Card (MWBNIC) and K-Net			
	(51) Int. Cl.			
	H04W 84/06 (2009.01)			
	H04B 17/318 (2015.01)			
	H04W 88/08 (2009.01)			
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	(31) 62/913,360	(32) 10.10.19	(33) US	
	(43) 15.04.2021			
	(72) KAKAIRE, James Kirunda			
	(74) Spruson & Ferguson			
	(71) Gas Services Australia Pty Ltd			
	(11) AU-A-2021317067			
	(21) 2021317067	(22) 30.07.2021		
	(54) A barbecue arrangement			
	(51) Int. Cl.			
	A47J 37/07 (2006.01)			
	F23N 5/12 (2006.01)			
	F23N 5/14 (2006.01)			
	F23N 5/24 (2006.01)			
	F24C 1/02 (2021.01)			
	F24C 1/16 (2006.01)			
	F24C 3/10 (2006.01)			
	F24C 3/12 (2006.01)			
	(87) WO2022/020905			
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	(43) 03.02.2022			
	(72) KENNETT, Craig; MONSIEUR, Vince			
	(74) LESICAR MAYNARD ANDREWS PTY LTD			
	(71) GEA TDS GmbH; Oriental Tanks Pte Ltd			
	(11) AU-A-2019464010			
	(21) 2019464010	(22) 29.08.2019		
	(54) Transport method and transport device for high-quality fresh milk under transport- and environment-critical conditions			
	(51) Int. Cl.			
	A01J 9/04 (2006.01)			

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(72) ROLLE, Ulrich; STANGE, Roland; TACKE, Ludger; LEAL GARCIA, Maria, Carmen
(74) Griffith Hack
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- (71)** Generation Bio Co.
(11) AU-A-2020385378
(21) 2020385378 **(22)** 23.11.2020
(54) Ionizable lipids and nanoparticle compositions thereof
(51) Int. Cl.
C07C 323/25 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
C07D 207/06 (2006.01)
C07D 207/08 (2006.01)
C07D 211/14 (2006.01)
C07D 211/24 (2006.01)
(87) WO2021/102411
(31) 62/939,326 **(32)** 22.11.19 **(33)** US 63/026,493 18.05.20 US
(43) 27.05.2021
(72) STANTON, Matthew G.; NOLTING, Birte; FEINSTEIN, Gregory; LEBLANC, Michelle; CHATTERTON, Jon Edward
(74) Griffith Hack
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- (71)** Gen-Probe Incorporated
(11) AU-A-2020336351
(21) 2020336351 **(22)** 26.08.2020
(54) Receptacle transport carriers
(51) Int. Cl.
G01N 35/00 (2006.01)
(87) WO2021/041537
(31) 62/891,728 **(32)** 26.08.19 **(33)** US 62/951,019 20.12.19 US
(43) 04.03.2021
(72) SILBERT, Rolf
(74) FB Rice Pty Ltd
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- (71)** Gen-Probe Incorporated
(11) AU-A-2020343334
(21) 2020343334 **(22)** 03.09.2020
(54) Detection of Chlamydia trachomatis nucleic acid variants
(51) Int. Cl.
C12Q 1/689 (2018.01)
(87) WO2021/046270
(31) 62/896,472 **(32)** 05.09.19 **(33)** US 62/704,833 29.05.20 US
(43) 11.03.2021
(72) CLARK, Craig B.; GETMAN, Damon K.; MAJLESSI, Mehrdad R.; WALCHER, Marion
(74) FB Rice Pty Ltd
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- (71)** GeoQuest Systems B.V.
(11) AU-A-2020345989
(21) 2020345989 **(22)** 09.09.2020
(54) Displaying steering response with uncertainty in a heat map ellipse
(51) Int. Cl.
- E21B 41/00** (2006.01)
E21B 44/02 (2006.01)
E21B 47/26 (2012.01)
(87) WO2021/051127
(31) 16/569,576 **(32)** 12.09.19 **(33)** US 18.03.2021
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(72) BA, Samba; CHIOCK, Conie; HILDEBRAND, Ginger; RINGER, Maurice
(74) Griffith Hack
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- (71)** GeoQuest Systems B.V.
(11) AU-A-2020346985
(21) 2020346985 **(22)** 14.09.2020
(54) Information extraction from daily drilling reports using machine learning
(51) Int. Cl.
E21B 47/12 (2012.01)
E21B 41/00 (2006.01)
G06N 20/00 (2019.01)
(87) WO2021/051141
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(74) Griffith Hack
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- (71)** G-Form LLC
(11) AU-A-2020346883
(21) 2020346883 **(22)** 11.09.2020
(54) Conformable and expandable protective cushioning pads and articles of apparel including such pads
(51) Int. Cl.
A41D 13/015 (2006.01)
A41D 13/05 (2006.01)
A41D 13/08 (2006.01)
(87) WO2021/050842
(31) 16/569,149 **(32)** 12.09.19 **(33)** US 43/ 18.03.2021
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(74) James & Wells Intellectual Property
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- (71)** Givaudan SA
(11) AU-A-2020360594
(21) 2020360594 **(22)** 29.09.2020
(54) Improvements in or relating to organic compounds
(51) Int. Cl.
A23L 27/20 (2016.01)
A23L 27/00 (2016.01)
C07C 5/00 (2006.01)
(87) WO2021/063942
(31) 62/908,177 **(32)** 30.09.19 **(33)** US 63/074,490 04.09.20 US
(43) 08.04.2021
(72) FURRER, Stefan Michael; DE KLERK, Adri; KAOUAS, Abdelmajid; SLACK, Jay Patrick; WINKEL, Cornelis
(74) Phillips Ormonde Fitzpatrick
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- (71)** Goldman Sachs & Co. LLC
(11) AU-A-2020335386
- (21)** 2020335386 **(22)** 29.08.2020
(54) Empirically providing data privacy with reduced noise
(51) Int. Cl.
G06F 16/2458 (2019.01)
(87) WO2021/038531
(31) 62/893,376 **(32)** 29.08.19 **(33)** US 62/897,687 09.09.19 US 62/905,657 25.09.19 US 62/913,089 09.10.19 US 62/933,800 11.11.19 US 62/968,742 31.01.20 US 17/006,061 28.08.20 US
(43) 04.03.2021
(72) BURCHARD, Paul; DAOUD, Anthony; DOTERRER, Dominic
(74) FB Rice Pty Ltd
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- (71)** Google LLC
(11) AU-A-2021320075
(21) 2021320075 **(22)** 01.07.2021
(54) Managing sidelink and non-sidelink information
(51) Int. Cl.
H04W 76/14 (2018.01)
H04B 17/309 (2015.01)
H04L 1/00 (2006.01)
H04W 24/10 (2009.01)
(87) WO2022/031390
(31) 63/062,073 **(32)** 06.08.20 **(33)** US 43/ 10.02.2022
(72) WU, Chih-Hsiang
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Griffith University
(11) AU-A-2020349589
(21) 2020349589 **(22)** 21.09.2020
(54) Protein particles comprising a diphtheria toxin Cross Reacting Material (CRM) amino acid sequence and uses thereof
(51) Int. Cl.
A61K 39/05 (2006.01)
A61K 9/14 (2006.01)
A61P 37/04 (2006.01)
C07K 14/34 (2006.01)
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B28B 1/52 (2006.01)
B29C 64/00 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 70/00 (2020.01)
B66B 23/00 (2006.01)
E04C 3/20 (2006.01)
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A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 213/56 (2006.01)
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B29C 49/42 (2006.01)
F16K 1/46 (2006.01)
F16K 17/04 (2006.01)
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 (74) WRAYS PTY LTD

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 (54) Materials and methods of manufacture
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H01M 4/90 (2006.01)
B01J 37/34 (2006.01)
C25D 17/12 (2006.01)
H01M 4/88 (2006.01)
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A23L 5/43 (2016.01)
A23L 33/105 (2016.01)
C07D 311/62 (2006.01)
C12N 9/18 (2006.01)
C12P 19/44 (2006.01)
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 C12Q 1/6897 (2018.01)
 A23L 33/135 (2016.01)
 A61P 1/00 (2006.01)
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 C07K 14/715 (2006.01)
 C07K 19/00 (2006.01)
 C12N 5/0783 (2010.01)
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 G01N 33/50 (2006.01)
 A42B 3/04 (2006.01)
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 A61P 35/00 (2006.01)
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 F26B 3/00 (2006.01)
 B01J 20/26 (2006.01)
 B01J 20/28 (2006.01)
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 C07K 1/16 (2006.01)
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H01L 39/22 (2006.01)
G06N 10/00 (2019.01)
H01L 29/06 (2006.01)
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 (11) AU-A-2020370144
 (21) 2020370144 (22) 21.10.2020
 (54) Semiconductor-superconductor hybrid device, its manufacture and uses
 (51) Int. Cl.
B82Y 10/00 (2011.01)
G06N 10/00 (2019.01)
H01L 39/22 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) Tape dispenser
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B65H 35/00 (2006.01)
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G07B 15/06 (2011.01)
G01C 21/34 (2006.01)
G08G 1/0968 (2006.01)
H04W 4/02 (2018.01)
H04W 12/02 (2009.01)
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A01G 31/04 (2006.01)
A01D 45/00 (2018.01)
A01G 31/06 (2006.01)
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 (51) Int. Cl.
C12N 15/10 (2006.01)
C12Q 1/34 (2006.01)
C12Q 1/6813 (2018.01)
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 (54) Carbonate containing lipid compounds and compositions for intracellular delivery of therapeutic agents
 (51) Int. Cl.
C07C 219/06 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 47/06 (2006.01)
A61K 47/24 (2006.01)
C07C 219/16 (2006.01)
C07C 229/12 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.
C07C 311/05 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 47/06 (2006.01)
A61K 47/24 (2006.01)
C07C 311/10 (2006.01)
C07C 311/11 (2006.01)
C07C 311/13 (2006.01)
C07C 311/14 (2006.01)
C07C 311/24 (2006.01)
C07D 213/61 (2006.01)
C07D 231/18 (2006.01)
C07D 233/84 (2006.01)
C07D 239/38 (2006.01)
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C07D 319/12 (2006.01)
C07D 333/48 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Nonwoven water-soluble composite structure
 (51) Int. Cl.
B32B 5/26 (2006.01)

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A61F 13/537 (2006.01)
A61K 8/02 (2006.01)
B32B 5/02 (2006.01)
B32B 7/022 (2019.01)
B32B 7/04 (2019.01)
C11D 17/04 (2006.01)
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 KNIGHT, Jonathon
(74) Spruson & Ferguson
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(51) Int. Cl.
C08J 5/18 (2006.01)
C08L 29/04 (2006.01)
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G05D 16/04 (2006.01)
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 Kevin; PALUCH, William C.
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 breathing, jaw and airway disorders
(51) Int. Cl.
A61C 7/08 (2006.01)
A61C 3/00 (2006.01)
A61F 5/56 (2006.01)
A61M 16/00 (2006.01)
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G16H 20/60 (2018.01)
G16H 50/20 (2018.01)
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(54) Stimulation apparatus
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/00 (2006.01)
A61N 1/34 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
A61N 5/04 (2006.01)
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(54) Magnet configurations
(51) Int. Cl.
G01R 33/383 (2006.01)
G01R 33/12 (2006.01)
H01F 7/02 (2006.01)
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(54) Cloth leveling and cutting device for
 garment manufacturing and method
 thereof
(51) Int. Cl.
D06C 15/00 (2006.01)
B65H 20/02 (2006.01)
D06H 7/00 (2006.01)
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 Hokkaido University; ENEOS Corpora-
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 drocarbon, method for producing C8
 aromatic hydrocarbon, and method for
 fixing carbon dioxide
(51) Int. Cl.
C07C 1/12 (2006.01)
B01J 29/16 (2006.01)
B01J 29/22 (2006.01)
B01J 29/24 (2006.01)
B01J 29/26 (2006.01)
B01J 29/48 (2006.01)
B01J 29/78 (2006.01)
C07B 61/00 (2006.01)
C07C 5/29 (2006.01)
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C07C 15/08 (2006.01)
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 MATSUSHITA, Koichi
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2020349649
(21) 2020349649 **(22)** 18.09.2020
(54) Animal model for neurodegenerative
 disorders
(51) Int. Cl.
A01K 67/027 (2006.01)
C07K 14/47 (2006.01)
C12N 9/18 (2006.01)
(87) WO2021/053348
(31) 1913441.0 **(32)** 18.09.19 **(33)** GB
(43) 25.03.2021
(72) GREENFIELD, Susan
(74) AJ PARK
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(11) AU-A-2020336017
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(54) Methods for the administration of cer-
 tain VMAT2 inhibitors to patients with
 severe renal impairment
(51) Int. Cl.
A61K 31/4738 (2006.01)
A61K 9/00 (2006.01)
A61P 13/12 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/24 (2006.01)
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 (54) Electric connector
 (51) Int. Cl.
H01R 13/504 (2006.01)
B29C 65/08 (2006.01)
H01R 13/516 (2006.01)
H01R 13/52 (2006.01)
H01R 13/74 (2006.01)
 (87) WO2021/052625
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 (43) 25.03.2021
 (72) JUTZ, Bernhard
 (74) FB Rice Pty Ltd

(71) New England Biolabs, Inc.
 (11) AU-A-2020336278
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 (54) Enzymatic RNA capping method
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
 (87) WO2021/041267
 (31) PCT/US2020/047521 (32) 21.08.20 (33) US
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 (43) 04.03.2021
 (72) ROBB, G. Brett; CHAN, Siu-hong; ROY, Bijoyita
 (74) Davies Collison Cave Pty Ltd

(71) Nexter Systems
 (11) AU-A-2020350188
 (21) 2020350188 (22) 15.09.2020
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 (51) Int. Cl.
F41H 5/20 (2006.01)
F41A 9/58 (2006.01)
F41H 7/04 (2006.01)
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A24B 15/16 (2020.01)
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B05B 9/08 (2006.01)
A61L 9/12 (2006.01)
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B05B 12/14 (2006.01)
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- (51) Int. Cl.
A61K 38/17 (2006.01)
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A61P 25/00 (2006.01)
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- (51) Int. Cl.
C07D 473/32 (2006.01)
A61K 31/437 (2006.01)
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A61P 9/12 (2006.01)
A61P 11/00 (2006.01)
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A61K 31/437 (2006.01)
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A61P 35/00 (2006.01)
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C07D 487/04 (2006.01)
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H04W 72/02 (2009.01)
H04W 4/40 (2018.01)
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A61B 34/20 (2016.01)
A61B 17/56 (2006.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
A61B 90/92 (2016.01)
G06F 3/048 (2013.01)
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A61P 5/10 (2006.01)
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C12Q 1/6886 (2018.01)
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G06Q 30/06 (2012.01)
G06F 16/27 (2019.01)
G06Q 20/06 (2012.01)
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H02J 50/20 (2016.01)
H02S 10/40 (2014.01)
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B65D 1/02 (2006.01)
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C12Q 1/6813 (2018.01)
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B02C 18/30 (2006.01)
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C08L 67/02 (2006.01)
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G02F 1/1333 (2006.01)
B03B 9/06 (2006.01)
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A61K 31/137 (2006.01)
A61P 15/00 (2006.01)
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C03B 23/24 (2006.01)
B23K 26/0622 (2014.01)
B23K 26/20 (2014.01)
B23K 26/22 (2006.01)
B23K 26/244 (2014.01)
B23K 26/324 (2014.01)
B23K 101/18 (2006.01)
B23K 101/36 (2006.01)
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A61K 31/505 (2006.01)
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A61P 35/00 (2006.01)
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A61Q 17/04 (2006.01)
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G06T 7/20 (2017.01)
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A61K 47/64 (2017.01)
A61K 48/00 (2006.01)
C07K 5/083 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/41 (2006.01)
A61K 31/519 (2006.01)
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B63G 7/06 (2006.01)
B63G 8/00 (2006.01)
H01F 6/04 (2006.01)
H01M 8/04007 (2016.01)
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C04B 24/26 (2006.01)
C04B 28/02 (2006.01)
C08F 220/28 (2006.01)
C08G 65/24 (2006.01)
C08G 65/26 (2006.01)
C04B 103/40 (2006.01)
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C08G 65/24 (2006.01)
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B64C 39/02 (2006.01)
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F23B 60/02 (2006.01)
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F23H 13/06 (2021.01)
F23J 1/02 (2006.01)
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G16H 80/00 (2018.01)
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 (74) Patent Attorney Services

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A23G 1/20 (2006.01)
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A61K 31/7088 (2006.01)
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C12Q 1/6883 (2018.01)
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H01M 10/02 (2006.01)
H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
H01M 50/541 (2021.01)
H02H 3/02 (2006.01)
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B60L 53/00 (2019.01)
B60K 6/00 (2007.10)
B60L 58/00 (2019.01)
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H01M 10/44 (2006.01)
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C12Q 1/68 (2018.01)
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A61F 2/04 (2013.01)
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C22B 3/22 (2006.01)
B01D 61/02 (2006.01)
B01D 61/22 (2006.01)
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C22B 3/42 (2006.01)
C22B 26/12 (2006.01)
F03G 7/00 (2006.01)
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A61K 9/08 (2006.01)
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A61K 31/4985 (2006.01)
A61K 31/5377 (2006.01)
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 A61K 31/015 (2006.01)
 A61K 31/7048 (2006.01)
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 A61K 36/886 (2006.01)
 A61P 17/02 (2006.01)
 C07C 13/32 (2006.01)
 C07D 311/74 (2006.01)
 C07D 311/80 (2006.01)
 C07H 17/07 (2006.01)
 C08J 3/075 (2006.01)
 C08L 5/08 (2006.01)
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 A01N 1/02 (2006.01)
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 B67D 7/02 (2010.01)
 E03B 9/04 (2006.01)
 F16L 3/01 (2006.01)
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B62D 57/032 (2006.01)
G06N 3/04 (2006.01)
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F16F 15/30 (2006.01)
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E21B 47/047 (2012.01)
G01V 3/30 (2006.01)
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G06M 11/00 (2006.01)
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A01K 61/95 (2017.01)
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 (51) Int. Cl.
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 (54) Food heating device and food heating method using the same
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A47J 27/04 (2006.01)
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A47J 36/00 (2006.01)
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A21B 3/13 (2006.01)
B65D 81/34 (2006.01)
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H05B 6/64 (2006.01)
A47J 27/04 (2006.01)
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H02S 30/10 (2014.01)
H01L 31/042 (2014.01)
H02S 20/00 (2014.01)
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 (87) WO2021/105768
 (31) 62/939,895 (32) 25.11.19 (33) US
 (43) 03.06.2021
 (72) ANDERSSON, Johan
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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C01B 3/38 (2006.01)
C01B 3/16 (2006.01)
C01F 11/18 (2006.01)
F02C 3/22 (2006.01)
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 (72) RAAHEIM, Arne; DI GIULIO, Nicola; RYENGEN, Kathrine; MOWILL, Fredrik
 (74) Griffith Hack
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 (21) 2020348436 (22) 14.09.2020
 (54) Recombinant human neuregulin derivatives and use thereof
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
A61P 9/04 (2006.01)
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 (72) ZHOU, Mingdong
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- (71) Zhejiang Doer Biologics Co., Ltd.
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 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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C07K 16/46 (2006.01)
C07K 19/00 (2006.01)
C12N 15/13 (2006.01)
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G01N 33/68 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick

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2018273513	Biomedical Analysis Center, Academy of Military Medical Sciences	2020333990	The Scripps Research Institute
2019462043	Focus Universal	2020334317	Janssen Biotech, Inc.
2019462547	Hindalco Industries Limited	2020334352	Adama Australia Pty Ltd
2019462711	Cambria, L.C.	2020334355	Cosmetic Edge Pty Ltd
2019462785	EGI Tech (Shen Zhen) Co., Limited	2020334361	Armour Wall Group Pty Limited
2019462999	Kimberly-Clark Worldwide, Inc.	2020334396	Dot Technology Corp.
2019463310	Herbolea Biotech S.p.A.	2020334398	Oqab Dietrich Induction Inc.
2019463349	Kimberly-Clark Worldwide, Inc.	2020334786	Warby Parker Inc.
2019463665	CRC CARE Pty Ltd	2020334921	Flospine, LLC
2019464010	GEA TDS GmbH; Oriental Tanks Pte Ltd	2020334924	The Regents of The University of California
2019464123	Kimberly-Clark Worldwide, Inc.	2020334928	Xaris Holdings, LLC; Trom, S.; Pike, B.
2019464406	RTGS Limited	2020334937	Guangdong CIMC Building Construction Co., Ltd.
2019464926	CPC AG	2020334938	Guangdong CIMC Building Construction Co., Ltd.
2019465510	Medevice AS	2020334967	Applied Molecular Transport Inc.
2019466049	Dalian Institute of Chemical Physics, Chinese Academy of Sciences	2020334988	Luminar, LLC
2019466288	Shanghai Smartee Denti-Technology Co., Ltd.; Shen, G.; Taikang Bybo Dental Group Co., Ltd.	2020335214	ETH Zurich
2019466418	Toshiba Carrier Corporation	2020335372	Period Pill BV
2019466740	Husqvarna AB	2020335386	Goldman Sachs & Co. LLC
2019466811	Chr. Hansen HMO GmbH	2020335851	Karmøy Winch AS
2019466858	Shanghai Smartee Denti-Technology Co., Ltd.	2020336015	The University of North Carolina at Chapel Hill
2019468057	NTT DOCOMO, INC.	2020336017	Neurocrine Biosciences, Inc.
2019469404	Nippon Telegraph and Telephone Corporation	2020336124	Cornell University
2019469819	AVK Holding A/S	2020336196	Sparkcharge, Inc.
2019469886	Nippon Telegraph and Telephone Corporation	2020336221	Memorial Sloan-Kettering Cancer Center
2019470142	Swimc, LLC	2020336278	New England Biolabs, Inc.
2019470785	SWIMC LLC	2020336314	Regenxbio Inc.
2019474585	Halliburton Energy Services, Inc.	2020336351	Gen-Probe Incorporated
2020253265	WaveTamer LLC	2020336469	Sparkcharge, Inc.
2020289033	Tellus You Care, Inc.	2020336724	Beijing Wehand-Bio Pharmaceutical Co., Ltd.; Guangxi Wehand-Bio Pharmaceutical Co., Ltd
2020290995	Incyte Corporation	2020337084	Kashiv Biosciences, LLC
2020326435	AI21 Labs	2020337087	Manufacturing Systems Limited
2020327479	Linq County Inspection and Testing Center; Ruian Gao; Weifang Guoyi Aluminum Material Co. Ltd	2020337174	Flint, D.
2020327527	Shanghai Seme Cell Technology Co., Ltd	2020337177	Eustralis Pharmaceuticals Limited (trading as PresSura Neuro)
2020327704	Collibra NV	2020337244	Landis+Gyr Innovations, Inc.
2020328185	Rehau Industries SE & Co. KG	2020337259	Yo-Kai Express Inc.
2020328402	LG Electronics Inc.	2020337415	Claw Biotech Holdings, LLC
2020328595	Elanco Tiergesundheits AG; Elanco US Inc.	2020337547	Suntory Holdings Limited
2020328756	BYD Company Limited	2020337690	Astellas Pharma Inc.
2020328863	Vetoquinol SA	2020337729	ZEG Power AS
2020329019	LG Electronics Inc.	2020337752	Pestroniks Innovations Pte Ltd
2020330253	BYD Company Limited	2020338139	Allergan Pharmaceuticals International Limited
2020330484	Hydroxsys Holdings Limited	2020338417	Adama Agan Ltd.
2020331609	Lau, C.H.; Lau, C.P.	2020338598	There Win Three Service Co., Ltd.; MSM Co., Ltd.
2020331921	Johnson & Johnson Consumer Inc.	2020338783	Guilin Champion Union Diamond Co., Ltd.
2020331988	Phoenix Drill Tools, Inc.	2020338847	AlzeCure Pharma AB
2020332002	Huawei Technologies Co., Ltd.	2020339859	Nanalysis Corp.
2020332005	The Scripps Research Institute	2020340281	pH Pharma Co., Ltd.
2020332175	Commonwealth Scientific and Industrial Research Organisation	2020340284	Noodle Technology Inc.
2020332324	AXENOX, LLC.	2020340290	Flagship Pioneering Innovations VI, LLC
2020332350	Board of Regents, The University of Texas System	2020340292	CommScope Technologies LLC
2020332428	Vivo Mobile Communication Co., Ltd.	2020340381	Selux Diagnostics, Inc.
2020332969	Zhejiang Doer Biologics Co., Ltd.	2020340415	Sparkcharge, Inc.
2020333226	The Greater Good Fresh Brewing Co Ltd	2020340430	ESCO Group LLC
2020333233	DRM S.R.L.	2020340618	Novartis AG
2020333241	Johnson & Johnson Surgical Vision, Inc.	2020340670	ObsEva S.A.
2020333434	Aristocrat Technologies, Inc.	2020341058	Henke-Sass, Wolf GmbH
2020333663	Exato IP LLC	2020341071	Suntory Holdings Limited
2020333735	Kuo, C.	2020341135	Novartis AG
2020333741	Aerostar International, Inc.	2020341168	Tripod Design Co., Ltd.
2020333760	CTI Consulting, LLC	2020341209	LG Energy Solution, LTD.
2020333766	Yo-Kai Express, Inc.	2020341213	CrystalGenomics, Inc.
2020333860	Timber Pharmaceuticals, Inc.	2020341341	JPMorgan Chase Bank, N.A.
2020333871	Penn Color, Inc.	2020341349	Legrand AV Inc.
		2020341784	Henke-Sass, Wolf GmbH
		2020342140	Centro de Inmunologia Molecular
		2020342246	Henke-Sass, Wolf GmbH

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2020342422	Henke-Sass, Wolf GmbH	2020347482	Welldata (Subsurface Surveillance Systems) Ltd.
2020342423	Henke-Sass, Wolf GmbH	2020347579	Mintz, Y.
2020342465	Kompan A/S	2020347715	Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.
2020342592	Fives FCB	2020347810	Compagnie Generale des Etablissements Michelin
2020342610	R3 IoT Limited	2020347875	Caroma Industries Limited; micas AG
2020342656	Maxwell Biosciences, Inc.	2020347895	ARTEION
2020342698	SL-Technik GmbH	2020347906	King's College London
2020342892	Chr. Hansen HMO GmbH	2020347952	Novartis AG
2020342910	Y-Biologics Inc.; Pierre Fabre Medicament	2020348064	Daikin Industries, Ltd.
2020343025	The Regents of the University of California	2020348156	Protix B.V.
2020343034	Infinera Corporation	2020348201	Becton, Dickinson and Company
2020343106	Sovargen Co., Ltd.	2020348231	Adeira Pharma, LLC
2020343328	Protagonist Therapeutics, Inc.	2020348295	Opsidio, LLC
2020343334	Gen-Probe Incorporated	2020348365	Biomarker Strategies, LLC.
2020343350	Henke-Sass, Wolf GmbH	2020348376	Translate Bio, Inc.
2020343512	Novartis AG	2020348394	Vid Scale, Inc.
2020343587	Nippon Steel Corporation	2020348436	Zensun (Shanghai) Science & Technology, Co., Ltd.
2020343866	Henke-Sass, Wolf GmbH	2020348454	Zamptech Sub LLC
2020343926	Novartis AG	2020348457	Leap Therapeutics, Inc.
2020344050	Impact Therapeutics (Shanghai), Inc	2020348482	Thorley Industries, LLC (DBA 4MOMS)
2020344154	Novartis AG	2020348502	McMaster University
2020344206	Oxford BioDynamics LLC	2020348551	Shenzhen Increcare Biotech Co.Ltd
2020344449	University of Pittsburgh - of The Commonwealth System of Higher Education	2020348668	CareFusion 303, Inc.
2020344553	Scribe Therapeutics Inc.	2020348849	The Regents of the University of Michigan
2020344565	Research Institute at Nationwide Children's Hospital; Lee, D.; Moseman, J.	2020348860	ModernaTX, Inc.
2020344610	Exo Imaging, Inc.	2020348876	Seagen Inc.
2020344619	Owens-Brockway Glass Container Inc.	2020348916	University of Florida Research Foundation, Incorporated
2020344628	TCR2 Therapeutics Inc.	2020348936	Thorley Industries, LLC (DBA 4MOMS)
2020344942	Elopak ASA	2020348961	Häussler Innovation GmbH
2020344968	Aliva AS	2020349136	Lumus Ltd.
2020344995	Small Robot Company Limited	2020349425	Ceribell, Inc.
2020345037	Secarna Pharmaceuticals GmbH & Co. KG; Firebrand Therapeutics Inc.	2020349465	Cargill, Incorporated
2020345049	Merck Millipore Ltd.	2020349468	Private Identity LLC
2020345173	Acoustic Data Limited	2020349487	Brady Worldwide, Inc.
2020345332	National University Corporation Hokkaido University; ENEOS Corporation	2020349493	Biomarin Pharmaceutical Inc.
2020345412	NUC Electronics Co., Ltd.	2020349548	PhotoDynamic Inc.; McFarland, S.
2020345483	Scandinavian Health Trade AB	2020349553	Prelude Therapeutics, Incorporated
2020345621	University of Utah Research Foundation	2020349555	FORMA Therapeutics, Inc.
2020345639	WestRock MWV, LLC	2020349580	Meatech 3D, Ltd.
2020345661	SP Nutraceuticals Inc.	2020349589	Griffith University
2020345775	Figene, LLC	2020349632	Wirepas Oy
2020345847	Orca Biosystems, Inc.	2020349649	Neuro-Bio Ltd
2020345856	Skyborne Technologies Pty Ltd	2020349685	Mijovy (Pty) Limited
2020345937	Perfect Day, Inc.	2020349689	8 Rivers Capital, LLC
2020345961	Ambri Inc.	2020349691	Clayver S.r.l.
2020345986	My Little Projects Series 8 Planco 25 LLC	2020349708	The National Institute for Biotechnology in the Negev Ltd.
2020345989	GeoQuest Systems B.V.	2020349927	Institute of Zoology, Chinese Academy of Sciences
2020346072	MarvelBiome, Inc.	2020349991	Ractigen Therapeutics
2020346186	The University of Chicago; Seurat Therapeutics	2020350051	Neutrik AG
2020346450	Nicoventures Trading Limited	2020350090	Viega Technology GmbH & Co. KG
2020346724	CareFusion 303, Inc.	2020350100	Peregrine Technologies (Holdings) Limited
2020346883	G-Form LLC	2020350164	The University of Birmingham
2020346887	Memorial Sloan-Kettering Cancer Center; Tri-Institutional Therapeutics Discovery Institute, Inc.; Sloan-Kettering Institute for Cancer Research; Memorial Hospital for Cancer and Allied Diseases	2020350188	Nexter Systems
2020346898	Cellectar Biosciences, Inc.	2020350206	Officine Maccaferri S.p.A.
2020346915	SureTint Technologies, LLC	2020350211	Novartis AG
2020346957	Vivera Pharmaceuticals Inc.	2020350294	Daikin Industries, Ltd.
2020346964	Spotless Materials Inc.	2020350408	Korea Research Institute of Bioscience and Biotechnology
2020346985	GeoQuest Systems B.V.	2020350493	Lexmark International, Inc.
2020347043	Blirt S.A.	2020350499	Lexia Learning Systems LLC
2020347101	Breville Pty Limited	2020350507	MJNN LLC
2020347150	Figene, LLC	2020350513	Chevron U.S.A. Inc.
2020347159	CareFusion 303, Inc.	2020350514	CareFusion 303, Inc.
2020347177	Yo-Kai Express Inc.	2020350517	Eastman Chemical Company
2020347188	Nicoventures Trading Limited	2020350525	ServiceNow, Inc.
2020347474	Novartis AG	2020350573	Vedanta Biosciences, Inc.
		2020350745	Shanghai Jemincare Pharmaceuticals Co., Ltd; Jiangxi Jemincare Group Co., Ltd
		2020350763	FORMA Therapeutics, Inc.
		2020350782	KPR U.S., LLC

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2020350787	ConocoPhillips Company	2020356463	The Regents of the University of Michigan
2020350868	Suez International; Aliaxis Utilities & Industry SAS	2020356546	Iowa Corn Promotion Board
2020350885	Single Buoy Moorings Inc.	2020356582	Regeneron Pharmaceuticals, Inc.
2020350997	Inventio AG	2020356592	Intrexon Actobiotics NV D/B/A Precigen Actobio
2020351014	Thaller, A.	2020356593	AP&C Advanced Powders & Coatings Inc.
2020351033	Danmarks Tekniske Universitet	2020356606	Pinto, G.
2020351063	BlueAlp Innovations B.V.	2020356963	Nalu Medical, Inc.
2020351106	CareFusion 303, Inc.	2020357073	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2020351125	Kalamazoo Holdings, Inc.	2020357145	Kabushiki Kaisha Toyota Jidoshokki
2020351134	Mac Valves, Inc.	2020357514	Incyte Corporation
2020351212	Thorley Industries, LLC (DBA 4MOMS)	2020357755	Howmedica Osteonics Corp.
2020351220	ModernaTX, Inc.	2020357789	Cargotec Finland Oy
2020351225	ModernaTX, Inc.	2020357887	Mars, Incorporated; The Regents of The University of California
2020351273	Zealand Pharma A/S	2020357929	Sercel
2020351319	Packaging- & Cuttingsystems von der Weiden GmbH	2020357993	Advanced Solutions Life Sciences, LLC
2020351434	Daikin Industries, Ltd.	2020358000	Vanderbilt University
2020351593	Liesch, D.	2020358058	Power Stow International ApS
2020351688	Wandercraft	2020358125	Saluda Medical Pty Limited
2020351780	Blue River Technology Inc.	2020358148	Vinsan Therapeutics Inc.
2020351974	Yanmar Power Technology Co., Ltd.	2020358162	Intas Pharmaceuticals Ltd.
2020352455	Apple Inc.	2020358329	FrieslandCampina Nederland B.V.
2020352566	Myota GmbH	2020358460	Ethicon, Inc.
2020352593	BASF Coatings GmbH	2020358462	Across Africa Fuels (Pty) Ltd
2020352751	ebiga-VISION GmbH; Maciej Oseka 4eyez	2020358472	Xeolas Pharmaceuticals Ltd.
2020352901	S. C. Johnson & Son, Inc.	2020358474	Janssen Vaccines & Prevention B.V.; Batavia Biosciences B.V.; The University Court of the University of Edinburgh; Niklas Arnberg Konsult AB
2020353000	The Trustees of the University of Pennsylvania	2020358726	Silverback Therapeutics, Inc.
2020353076	Lumosa Therapeutics Co., Ltd.	2020358923	SABIC Global Technologies B.V.
2020353271	Otto-Von-Guericke-Universität Magdeburg	2020358964	Ethicon, Inc.
2020353356	Bioene Technologies S.à r.l.	2020358969	Memorial Sloan Kettering Cancer Center
2020353381	Bionomics Limited	2020359245	Daikin Industries, Ltd.
2020353382	Formulae 8 Pty Ltd	2020359305	Salford Group Inc
2020353503	Yanmar Power Technology Co., Ltd.	2020359347	Rapid Flow Technologies, Inc.
2020353550	Sanki Engineering Co.,Ltd.; Aquaconsult Anlagenbau GmbH	2020359361	Victaulic Company
2020353663	Board of Regents, The University of Texas System	2020359447	PayPal, Inc.
2020353716	Leopard Systems Pty Ltd	2020359514	Lashify, Inc.
2020354217	NINU D.O.O.	2020359632	University of Pittsburgh – of The Commonwealth System of Higher Education; Renerva, LLC
2020354294	Veolia Water Solutions & Technologies Support	2020359638	MonoSol, LLC
2020354322	Siemens Mobility GmbH	2020359639	Adaptive Phage Therapeutics
2020354334	BASF Coatings GmbH	2020359663	Red Earth Energy Storage Ltd
2020354339	SIGOS GmbH	2020360309	Huntsman Petrochemical LLC
2020354341	InterDigital VC Holdings France, SAS	2020360405	MonoSol, LLC
2020354360	Shockwave Medical, Inc.	2020360594	Givaudan SA
2020354380	Shockwave Medical, Inc.	2020360882	PKA Solutions S.r.l.
2020354387	University of Florida Research Foundation, Incorporated	2020361410	Husqvarna AB
2020354393	The Board of Trustees of the Leland Stanford Junior University	2020361549	DSM IP Assets B.V.
2020354500	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2020361688	Jaco Enterprises, Inc.
2020354528	Ocado Innovation Limited	2020361741	Pike Therapeutics Inc., 1219014 B.C. Ltd.
2020354529	Purac Biochem B.V.	2020361759	Parale, G.
2020354583	NuVasive, Inc.	2020362217	S&N Orion Prime, S.A.
2020354669	BioMarin Pharmaceutical Inc.	2020362259	Hilti Aktiengesellschaft
2020354792	Tigercat Industries Inc.	2020362305	Cosentino Research & Development, S.L.
2020354878	AlloSource	2020362379	Cellresearch Corporation Pte. Ltd.
2020354885	Shockwave Medical, Inc.	2020362766	EBS RV Technology Co., Ltd
2020354915	Corn Products Development, Inc.	2020362873	SMA Solar Technology AG
2020354926	Huawei Technologies Co., Ltd.	2020363021	Janssen Biotech, Inc.
2020354928	Apple Inc.	2020363381	Pipeline Therapeutics, Inc.
2020354996	Virginia Commonwealth University	2020363412	Otsuka Pharmaceutical Co., Ltd.
2020355025	Regents of The University of Minnesota	2020363457	Blueprint Acoustics Pty Ltd
2020355226	Blue River Technology Inc.	2020363581	Keelson Technology Corporation Limited
2020355359	Shenzhen TargetRx, Inc.	2020363697	Fate Therapeutics, Inc.
2020355599	Boehringer Ingelheim International GmbH	2020363728	Hinge, Inc.
2020356233	Kuros Biosurgery AG	2020363993	Dana-Farber Cancer Institute, Inc.
2020356248	Assa Abloy AB	2020364020	DSM IP Assets B.V.
2020356289	Apple Inc.	2020364114	Autolus Limited
2020356369	Mustang Sampling, LLC	2020364193	Rhodia Brasil S.A.
2020356407	Universität Stuttgart	2020364234	BioVentures, LLC
2020356433	Tangle Teezer Limited	2020364236	Itron Global SARL
2020356452	Cargill, Incorporated		

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2020364260	Qualcomm Incorporated	2020449440	Shenzhen Greenjoy Technology Co., Ltd.
2020364591	Galactic Telecom Group	2020457381	Qingdao University of Technology
2020364700	Chubushiryō Co., Ltd.; Inabata & Co., Ltd.	2020458208	Nantong University
2020364879	Uniquicode Co., Ltd.	2020461528	Rebound Therapeutics Corporation
2020364959	Université d'Aix-Marseille; INSERM (Institut National de la Santé et de la Recherche Médicale); Institut Jean Paoli & Irene Calmettes; Centre National de la Recherche Scientifique - CNRS -	2020462733	Shanghai Vision Mechanical Joint Co., Ltd
	DSM IP Assets B.V.	2021219508	Dongshin Polymer Co., Ltd.; Shinko Kasei Co., Ltd.
2020365042	Forty Seven, Inc.	2021229237	State Grid Shanghai Municipal Electric Power Company; Tsinghua University
2020365113	Kreepy Krauly Australia Pty Ltd	2021272059	Anglo American Metallurgical Coal Pty Ltd; Dratta Engineering Pty Ltd; KSG Innovations Pty Ltd
2020365414	BP Exploration Operating Company Limited	2021275656	Smith & Loveless Inc.
2020365520	Kreepy Krauly Australia Pty Ltd	2021276241	FootPrint International, LLC
2020365764	Cedars-Sinai Medical Center	2021278156	Novartis AG
2020365930	Pike Therapeutics, Inc., 1219014 B.C. Ltd.	2021287252	Limacorporate S.p.A.
2020366147	Wyss Center for Bio and Neuro Engineering	2021317067	Gas Services Australia Pty Ltd
2020366623	Baylis Medical Company Inc.	2021320075	Google LLC
2020366719	ETH Zurich	2021335238	Digital Dream Labs, LLC
2020367382	Microsoft Technology Licensing, LLC	2021338581	Wallis, R.
2020368334	Amgen Inc.		
2020368455	Apollo Medical Optics, Ltd.		
2020368606	Siemens Energy Global GmbH & Co. KG		
2020369008	Vifor (International) AG		
2020369137	Microsoft Technology Licensing, LLC		
2020370141	Microsoft Technology Licensing, LLC		
2020370144	Wake Forest University Health Sciences		
2020370597	SCHOTT Primoceler Oy		
2020371187	Dexter Axle Company		
2020371497	Amgen Inc.		
2020372414	Alcon Inc.		
2020375902	Alucent Biomedical, Inc.		
2020376812	Alnylam Pharmaceuticals, Inc.		
2020376840	Rita Corporation		
2020376962	Weir Slurry Group, Inc.		
2020376971	Alcon Inc.		
2020377552	Amgen Inc.		
2020378062	Alkahest, Inc.		
2020378245	Oncxerna Therapeutics, Inc.		
2020378280	Merck Patent GmbH		
2020378335	Casale SA		
2020378555	Tableau Software, Inc.		
2020378964	Commonwealth Scientific and Industrial Research Organisation		
2020379393	Societe Des Produits Nestle S.A.		
2020379936	Dana-Farber Cancer Institute, Inc.		
2020380333	Commonwealth Scientific and Industrial Research Organisation		
2020381018	i-ZUM-X Pty Ltd		
2020381646	Electrolux Appliances Aktiebolag		
2020381676	Electrolux Appliances Aktiebolag		
2020381822	Electrolux Appliances Aktiebolag		
2020381844	Revlon Consumer Products Corporation		
2020382526	Generation Bio Co.		
2020385378	BF Research S.r.l.		
2020386502	Bemicron		
2020388260	Medicortex Finland Oy		
2020388534	Scipio Life Sciences Limited		
2020391004	Zebware AB		
2020392047	LG Energy Solution, Ltd.		
2020393448	Sika Technology AG		
2020393503	Sika Technology AG		
2020394505	Synhelion SA		
2020398350	Precision Planting LLC		
2020402653	Keeson Technology Corporation Limited		
2020403879	Shenzhen Rhegen Biomedical Technology Co., Ltd.		
2020405482	Cartiva, Inc.		
2020412555	Nippon Steel Corporation; Vallourec Oil and Gas France		
2020422897	Boston Scientific Scimed, Inc.		
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2020433991	Sungrow Power Supply Co., Ltd.		
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<u>A01B 69 /-</u>	<u>A01K 75 /-</u>	<u>A01N 65 /-</u>	2020364020	2020346883	<u>A47J 43 /-</u>
2020334396	2020335851	2020351125	2020364700	2020388260	2020345412
2020344995	<u>A01K 79 /-</u>	<u>A01P 3 /-</u>	2020365042	<u>A41D 27 /-</u>	<u>A47K 10 /-</u>
<u>A01B 79 /-</u>	2020335851	2020354915	<u>A23L 13 /-</u>	2020388260	2019462999
2020344995	<u>A01M 1 /-</u>	<u>A01P 7 /-</u>	2020354529	<u>A42B 3 /-</u>	2019464123
<u>A01C 15 /-</u>	2020337752	2020354915	<u>A23L 17 /-</u>	2020388534	<u>A47L 13 /-</u>
2020359305	2020352901	<u>A21B 3 /-</u>	2020349465	<u>A45C 11 /-</u>	2020359638
<u>A01C 21 /-</u>	<u>A01M 21 /-</u>	2020337259	2020356452	2020386502	<u>A47L 9 /-</u>
2020355226	2020355226	2020347101	<u>A23L 19 /-</u>	<u>A45D 20 /-</u>	2020433991
2020359305	<u>A01N 1 /-</u>	2020381844	2019466811	2020356433	<u>A61B 1 /-</u>
<u>A01C 23 /-</u>	2020354996	<u>A22C 17 /-</u>	<u>A23L 2 /-</u>	<u>A45D 44 /-</u>	2019465510
2020355226	<u>A01N 25 /-</u>	2020351319	2020336724	2020346915	2020362217
2020359305	2020334352	<u>A22C 21 /-</u>	2020337547	<u>A45F 3 /-</u>	2020427593
<u>A01C 7 /-</u>	2020337415	2020351319	2020341071	2020351593	2020461528
2020334396	2020338417	<u>A23B 4 /-</u>	2020356452	<u>A45D 4 /-</u>	<u>A61B 10 /-</u>
<u>A01D 34 /-</u>	2020350517	2020354529	<u>A23L 27 /-</u>	2020351593	2020388534
2020361410	2020354915	<u>A23C 11 /-</u>	2020337547	<u>A45F 4 /-</u>	<u>A61B 17 /-</u>
<u>A01D 41 /-</u>	<u>A01N 33 /-</u>	2020345937	2020360594	2020351593	2020333735
2020402653	2020338417	<u>A23C 9 /-</u>	<u>A23L 3 /-</u>	<u>A46B 9 /-</u>	2020345483
<u>A01D 45 /-</u>	<u>A01N 37 /-</u>	2020345937	2020354529	2020356433	2020350782
2020350507	2020334352	<u>A23C 5 /-</u>	<u>A23L 33 /-</u>	<u>A47C 17 /-</u>	2020354360
<u>A01G 13 /-</u>	2020351125	2020341071	2019466811	2020363581	2020354380
2020355226	2020354915	<u>A23F 5 /-</u>	2020336724	<u>A47C 19 /-</u>	2020354583
<u>A01G 23 /-</u>	<u>A01N 39 /-</u>	2020341071	2020342892	2020363581	2020354885
2020354792	2020334352	<u>A23G 1 /-</u>	2020346072	<u>A47D 1 /-</u>	2020357073
<u>A01G 31 /-</u>	<u>A01N 41 /-</u>	2020379936	2020348156	2020363581	2020358460
2020350507	2020334352	<u>A23G 3 /-</u>	2020349465	<u>A47D 9 /-</u>	2020358964
<u>A01G 7 /-</u>	2020338417	2020379936	2020352751	2020348482	2020412555
2020351780	2020354915	<u>A23J 3 /-</u>	2020356463	2020348936	2020427593
2020355226	<u>A01N 47 /-</u>	2020348156	2020357887	2020403879	2020461528
<u>A01H 13 /-</u>	2020334352	<u>A23K 10 /-</u>	<u>A23L 5 /-</u>	<u>A47J 27 /-</u>	2021287252
2020349465	<u>A01N 51 /-</u>	2020348156	2020357887	<u>A47D 9 /-</u>	<u>A61B 18 /-</u>
<u>A01J 9 /-</u>	2020354915	2020349465	<u>A23L 7 /-</u>	2020348482	2020366719
2019464010	<u>A01N 59 /-</u>	2020356592	2019466811	2020348936	<u>A61B 3 /-</u>
<u>A01K 61 /-</u>	2020337415	2020364700	2020348156	2020403879	2020368606
2020351974	2020364193	<u>A23K 20 /-</u>	<u>A23P 10 /-</u>	<u>A47J 27 /-</u>	<u>A61B 34 /-</u>
2020353503	2020337415	2020348156	2020361549	2020333766	2020354583
	2020364193	2020349465	2020364020	2020347177	2020357073
		2020361549	2020365042	<u>A47J 31 /-</u>	<u>A61B 5 /-</u>
		2020364020	<u>A24B 13 /-</u>	2020358329	2020289033
		2020365042	2020346450	<u>A47J 36 /-</u>	2020331921
			2020347188	2020333766	2020349425
			<u>A24B 15 /-</u>	<u>A47J 37 /-</u>	2020358125
			2020346450	2021317067	2020361759
					2020366623
					2020372414

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2020388534	<u>A61K 31 /-</u>	2020355025	<u>A61K 47 /-</u>	<u>A61L 28 /-</u>	<u>A61N 1 /-</u>
<u>A61B 50 /-</u>	2018273513	2020356463	2020328863	2020346964	2020356963
2020350782	2019463310	2020356592	2020333860		2020358125
	2020290995	2020359639	2020337690	<u>A61L 9 /-</u>	<u>A61N 5 /-</u>
<u>A61B 8 /-</u>	2020328863	2020362379	2020347715	2020352901	2020356963
	2020332005	2020363697	2020348231	2020354217	2020365930
2020368606	2020333860	2020364114	2020348876		
	2020333990	2020370597	2020349493	<u>A61M 1 /-</u>	<u>A61P 1 /-</u>
<u>A61B 90 /-</u>	2020335372	2020378245	2020351220	2020350782	2020336724
	2020336017	<u>A61K 36 /-</u>	2020351225	<u>A61M 13 /-</u>	2020341135
2020354583	2020337084	2020336724	2020353382	2020354393	2020346072
2020461528	2020337177	2020340290	2020358726		2020358472
	2020338847	2020349465	2020370597	<u>A61M 15 /-</u>	<u>A61P 11 /-</u>
<u>A61C 19 /-</u>	2020340281	2020349465	2020376812	2020346957	2021278156
	2020340670	2020358148	2020380333	<u>A61M 16 /-</u>	<u>A61P 13 /-</u>
2020344968	2020341213	2020361741	2020405482	2020345986	2020336017
2020349548	2020343106	2020382526	<u>A61K 48 /-</u>	2020354393	2020348849
	2020344050	<u>A61K 38 /-</u>	2020343106	<u>A61M 21 /-</u>	<u>A61P 15 /-</u>
<u>A61C 3 /-</u>	2020344449	2020334924	2020385378	2020337174	2020335372
	2020345037	2020336221	2020405482	<u>A61M 25 /-</u>	2020340670
2020345986	2020345661	2020337690	<u>A61K 49 /-</u>	2019465510	<u>A61P 17 /-</u>
	2020345775	2020338139	2020342140	2020328595	2020338139
<u>A61C 7 /-</u>	2020346186	2020340618	2020342656	2020348201	2020358148
	2020346898	2020342140	<u>A61K 8 /-</u>	2020350782	2020362379
2019466288	2020347715	2020342656	2020376812	2020354393	
2019466858	2020348231	2020343512	<u>A61K 9 /-</u>	2020366719	<u>A61P 19 /-</u>
2020345986	2020348457	2020343926	2020327527	<u>A61M 29 /-</u>	2020347952
	2020348849	2020344449	2020349465	2020354393	2020349493
<u>A61D 7 /-</u>	2020349553	2020346186	2020353382	<u>A61M 31 /-</u>	<u>A61P 21 /-</u>
	2020349555	2020347906	2020359514	2020328595	2020378245
2020328595	2020349927	2020348376	2020359638	2020344968	<u>A61P 25 /-</u>
2020341784	2020350211	2020348436	2020376962	<u>A61M 37 /-</u>	2020334924
2020342423	2020350763	2020349493	2020382526	2020361741	2020335372
	2020352751	2020351273	<u>A61K 9 /-</u>	2020366147	2020336017
<u>A61F 11 /-</u>	2020353076	2020353000	2020328863	<u>A61M 39 /-</u>	2020337177
	2020353381	2020378245	2020333860	2020351106	2020338847
2020354393	2020354996	<u>A61K 39 /-</u>	2020334967	2020375902	2020342140
2020361688	2020355359	2020332350	2020336017	<u>A61M 5 /-</u>	2020343106
	2020357514	2020332969	2020337177	2020341058	2020344154
<u>A61F 13 /-</u>	2020358000	2020341135	2020340290	2020341784	2020346186
	2020358148	2020341213	2020347952	2020342246	2020347150
2020359638	2020358162	2020343025	2020349589	2020342422	2020347474
	2020358472	2020346887	2020351220	2020342423	2020350408
<u>A61F 2 /-</u>	2020361741	2020347474	2020351225	2020343350	2020353381
	2020363021	2020347906	2020352901	2020343866	2020358000
2020334921	2020366147	2020349589	2020354217	2020346957	2020358162
2020349580	2020369137	2020351014	202036147	2020348668	2020361741
2020356233	2020376812	2020355599	2020376812	2020348668	2020385378
2020357073	2020380333	2020356463	2020385378	2020350514	
2020357755	2020391004	2020358148	2020386502	2020350782	<u>A61P 27 /-</u>
2020359632	2021278156	2020358726	<u>A61L 101 /-</u>	2020368455	2020336314
	<u>A61K 33 /-</u>	2020363993	2020337415		2020352751
<u>A61F 5 /-</u>	2020348457	2020365113	<u>A61L 27 /-</u>		2020355599
	<u>A61K 35 /-</u>	<u>A61K 45 /-</u>	2020354878		2020386502
2020345986		2020344050	2020356233		
2020346964		2020344449	2020359632		
		2020345037	2020370597		
<u>A61F 9 /-</u>	<u>A61K 35 /-</u>	2020346186			
	2020327527	2020347150			
2020333241	2020334317	2020348457			
2020333735	2020337690	2020350573			
2020375902	2020343025	2020358726			
2020377552	2020344628	2020363993			
	2020346887	2020365113			
<u>A61J 1 /-</u>	2020348502				
	2020349580				
2020350782	2020349708				
2020358472	2020350408				
	2020350573				
<u>A61J 3 /-</u>	2020351014				
	2020353000				
2020368455					

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<u>A61P 29 /-</u>			<u>B05B 1 /-</u>	<u>B25J 9 /-</u>	<u>B33Y 30 /-</u>
2020340618	<u>A61P 7 /-</u>	<u>B01D 65 /-</u>	2020358964	2020351688	2020350997
2020343512	2020349555	2020356606			
2020343926	2020349991		<u>B05B 12 /-</u>	<u>B28B 1 /-</u>	<u>B33Y 70 /-</u>
2020366147	2020350763	<u>B01D 69 /-</u>	2020354217	2020349691	2020350997
	2020369137	2020330484		2020350997	2020457381
<u>A61P 3 /-</u>	<u>A61P 9 /-</u>	<u>B01D 71 /-</u>	<u>B05B 7 /-</u>	<u>B29C 35 /-</u>	<u>B42D 25 /-</u>
2020327527	2020348436	2020330484	2020354217	2020352593	2020349487
2020336724	2020354996		2020358964		
2020345661	2021278156	<u>B01F 23 /-</u>	<u>B05B 9 /-</u>	<u>B29C 39 /-</u>	<u>B60C 15 /-</u>
2020347906		2020353550	2020354217	2020352593	2020347810
<u>A61P 31 /-</u>	<u>A61Q 1 /-</u>	<u>B01F 25 /-</u>	<u>B05D 1 /-</u>	<u>B29C 49 /-</u>	<u>B60K 6 /-</u>
2020357514	2020359514	2020353550	2021276241	2020351134	2020336469
2020359639		<u>B01F 31 /-</u>	<u>B07C 5 /-</u>	<u>B29C 59 /-</u>	<u>B60L 53 /-</u>
	<u>A61Q 15 /-</u>	2020357993	2020351780	2020352593	2020336469
<u>A61P 33 /-</u>	2020382526	<u>B01J 19 /-</u>	<u>B08B 3 /-</u>	2020354334	<u>B60L 58 /-</u>
2020328863		2020398350	2020334355	<u>B29C 64 /-</u>	2020328756
<u>A61P 35 /-</u>	<u>A61Q 17 /-</u>	<u>B01J 20 /-</u>	<u>B09B 3 /-</u>	2020350997	2020336469
2020332005	2020327527	2020345049	2020350100	2020357993	<u>B60P 3 /-</u>
2020332350	<u>A61Q 19 /-</u>	<u>B01J 29 /-</u>	<u>B22F 1 /-</u>	<u>B29C 65 /-</u>	2020362766
2020332969	2020327527	2020345332	2020335214	2020350051	<u>B60R 11 /-</u>
2020333990	2020349465	<u>B01J 31 /-</u>	2020356593	<u>B29D 11 /-</u>	2020363457
2020337690	2020353382	2020363412	<u>B22F 3 /-</u>	2020386502	<u>B60T 7 /-</u>
2020341213	2020376962	<u>B01J 37 /-</u>	2020357993	<u>B29D 30 /-</u>	2020358058
2020344050		2020337087	<u>B22F 9 /-</u>	2020347810	<u>B60T 8 /-</u>
2020345037	<u>A61Q 5 /-</u>	<u>B01J 39 /-</u>	2020356593	<u>B31F 1 /-</u>	2020371497
2020346887	2020353382	2020336015	<u>B23K 101 /-</u>	2019462999	<u>B60W 30 /-</u>
2020347715	<u>A63B 69 /-</u>	<u>B01J 8 /-</u>	2020371187	2019464123	<u>B60W 50 /-</u>
2020348457	2020342465	2020398350	<u>B23K 103 /-</u>	<u>B32B 27 /-</u>	2020358058
2020348502	<u>A63B 71 /-</u>	<u>B01L 3 /-</u>	2020371187	2020333741	<u>B60W 50 /-</u>
2020348849	2020342465	2020345847	<u>B23K 26 /-</u>	2020345639	2020358058
2020348876	<u>A63B 9 /-</u>	2020347895	2020371187	2021219508	<u>B61L 15 /-</u>
2020349553	2020342465	<u>B02C 17 /-</u>	<u>B24B 55 /-</u>	<u>B32B 37 /-</u>	<u>B61L 27 /-</u>
2020349708	<u>A63F 9 /-</u>	2020342592	2020338783	2021219508	2020354322
2020350211	2020333434	<u>B02C 18 /-</u>	<u>B24D 5 /-</u>	<u>B32B 5 /-</u>	<u>B61L 3 /-</u>
2020350745	<u>A63H 18 /-</u>	2020351319	2020338783	2020359638	2020354322
2020353076	2021335238	<u>B02C 23 /-</u>	2020371187	2021219508	<u>B62D 57 /-</u>
2020355025	<u>A63H 30 /-</u>	2020342592	<u>B24D 7 /-</u>	<u>B32B 7 /-</u>	2020351688
2020355359	2021335238	<u>B02C 17 /-</u>	2020338783	2020359638	<u>B63B 21 /-</u>
2020356407	<u>B01D 21 /-</u>	2020342592	<u>B24B 55 /-</u>	2021219508	2020335851
2020356463	2021275656	<u>B02C 18 /-</u>	2020338783	<u>B32B 38 /-</u>	
2020357514	<u>B01D 29 /-</u>	2020351319	<u>B24D 7 /-</u>	<u>B32B 5 /-</u>	
2020358726	2020356606	2020342592	2020338783	2020359638	
2020363021	<u>B01D 45 /-</u>	<u>B03B 9 /-</u>	2020338783	2021219508	
2020363697	2020433991	2020350100	<u>B25B 27 /-</u>	<u>B33Y 10 /-</u>	
2020363993	<u>B01D 61 /-</u>		2020350090	2020350997	
2020365113	2020354294				
2020378335					
2020391004					
2021278156					
<u>A61P 37 /-</u>					
2020332969					
2020347474					
2020349589					
2020356592					
<u>A61P 43 /-</u>					
2020342140					
2020363993					
2020369137					
<u>A61P 5 /-</u>					
2020340670					

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<u>B63B 27 /-</u>		<u>C01F 11 /-</u>	<u>C05C 9 /-</u>	<u>C07C 67 /-</u>	<u>C07D 309 /-</u>
2019462711	<u>B65D 85 /-</u>	2020337729	2020358923	2020356546	2020351225
	2020360882				
<u>B63B 35 /-</u>	2020388260	<u>C01G 39 /-</u>	<u>C05D 9 /-</u>	<u>C07D 207 /-</u>	<u>C07D 311 /-</u>
2019462711	<u>B65D 88 /-</u>	2020337415	2020364193	2020385378	2020357887
	2020358462				2020358148
<u>B63B 39 /-</u>		<u>C02F 1 /-</u>	<u>C05G 5 /-</u>	<u>C07D 211 /-</u>	<u>C07D 319 /-</u>
2020253265	<u>B65D 90 /-</u>	2021275656	2020350517	2020385378	
	2019464010		2020358923		2020351225
<u>B63G 7 /-</u>		<u>C02F 3 /-</u>	<u>C07B 61 /-</u>	<u>C07D 213 /-</u>	<u>C07D 333 /-</u>
2020369008	<u>B65G 21 /-</u>	2020353550	2020345332	2020332005	
	2021272059			2020351225	2020351225
<u>B63G 8 /-</u>		<u>C03B 23 /-</u>	<u>C07C 1 /-</u>	2020363021	<u>C07D 401 /-</u>
2020369008	<u>B65G 39 /-</u>	2020371187	2020345332	<u>C07D 231 /-</u>	
	2020353271				2020332005
<u>B64B 1 /-</u>		<u>C03C 15 /-</u>	<u>C07C 13 /-</u>	2020351225	2020363021
2020333741	<u>B65G 43 /-</u>	2020334928	2020358148	2020363021	<u>C07D 403 /-</u>
	2020353271				
<u>B64C 21 /-</u>		<u>C03C 17 /-</u>	<u>C07C 15 /-</u>	<u>C07D 233 /-</u>	2020332005
2020354334	<u>B65H 20 /-</u>	2020334928	2020345332	2020351225	2020353663
	2020458208	2020346964		2020363021	2020363021
<u>B64C 27 /-</u>		<u>C03C 21 /-</u>	<u>C07C 219 /-</u>	<u>C07D 237 /-</u>	<u>C07D 405 /-</u>
2020345856	<u>B65H 35 /-</u>	2020334928	2020351220	2020332005	2020338847
	2020349685				
<u>B64C 39 /-</u>		<u>C04B 103 /-</u>	<u>C07C 229 /-</u>	<u>C07D 239 /-</u>	<u>C07D 413 /-</u>
2020340430	<u>B66B 23 /-</u>	2020393503	2020351220	2020332005	2020332005
2020345856	2020350997	2020394505		2020351225	2020337084
					2020345775
<u>B64F 1 /-</u>	<u>B66C 13 /-</u>	<u>C04B 111 /-</u>	<u>C07C 259 /-</u>	<u>C07D 241 /-</u>	<u>C07D 417 /-</u>
2020358058	2020357789	2020362259	2020380333	2020363021	
		2020362305			2020332005
<u>B64F 5 /-</u>	<u>B66C 19 /-</u>	2020457381	<u>C07C 311 /-</u>	<u>C07D 251 /-</u>	2020353076
2020333741	2020357789		2020351225	2020338847	2020358000
					2020363021
<u>B65B 25 /-</u>	<u>B67D 3 /-</u>	<u>C04B 14 /-</u>	<u>C07C 323 /-</u>	<u>C07D 261 /-</u>	<u>C07D 471 /-</u>
2020386502	2020333226	2020362305	2020385378	2020351225	2020333990
				2020353663	2020348849
<u>B65B 3 /-</u>	<u>B67D 7 /-</u>	<u>C04B 18 /-</u>	<u>C07C 33 /-</u>	<u>C07D 265 /-</u>	2020350745
2020347159	2021338581	2019462547	2020345661	2020345775	2020357514
		2020342592			2020363021
<u>B65B 43 /-</u>	<u>B81B 3 /-</u>	<u>C04B 24 /-</u>	<u>C07C 39 /-</u>	2020345775	2021278156
2020347159	2020352455	2020393503	2020361741	<u>C07D 267 /-</u>	<u>C07D 473 /-</u>
		2020394505	2020366147	2020353663	
<u>B65B 51 /-</u>	<u>B82Y 10 /-</u>	<u>C04B 26 /-</u>	<u>C07C 41 /-</u>	<u>C07D 277 /-</u>	2020350211
2020347159	2020370144	2020362259	2018273513	2020363021	2021278156
		2020362305			
<u>B65D 1 /-</u>	<u>C01B 3 /-</u>	<u>C04B 28 /-</u>	<u>C07C 43 /-</u>	<u>C07D 285 /-</u>	2020290995
2020344619	2020337729	2019462547	2018273513	2020351225	2020333990
	2020398350	2020393503			2020344050
<u>B65D 13 /-</u>		2020394505	<u>C07C 5 /-</u>	<u>C07D 305 /-</u>	2020349555
2020349691	<u>C01B 32 /-</u>	2020457381	2020345332	2020350211	2020350211
	2020333760		2020360594	2020350763	2020355359
<u>B65D 5 /-</u>	2020353356	<u>C04B 40 /-</u>	<u>C07C 57 /-</u>	<u>C07D 307 /-</u>	2021278156
2020344942	<u>C01C 1 /-</u>	2020362259		2020351225	<u>C07D 491 /-</u>
		2020394505	2020356546		
<u>B65D 81 /-</u>	2020378555				2020347715
2020337259					

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<u>C07D 498 /-</u>	2020351014 2020354387 2020355599 2020356407	<u>C08K 3 /-</u>	<u>C10G 9 /-</u>	<u>C12N 5 /-</u>	<u>C22B 3 /-</u>
2020350745	2020363381 2020363697 2020363993 2020364114 2020364959 2020378335	2020335214	2020351063	2020327527 2020334317 2020344565 2020344628 2020348502 2020350408 2020353000 2020355025 2020362379 2020363697 2020364114 2020367382	2020354294
<u>C07D 519 /-</u>		<u>C08K 5 /-</u>	<u>C10M 105 /-</u>		<u>C22C 32 /-</u>
2020357514		2020346964	2020356546		2020335214
<u>C07F 9 /-</u>	<u>C07K 19 /-</u>	<u>C08L 25 /-</u>	<u>C11B 1 /-</u>	<u>C12N 7 /-</u>	<u>C25D 11 /-</u>
2020346898	2020332969 2020348502 2020353000	2020335214	2020327527	2020351014 2020354669 2020359639	2020327479
<u>C07H 1 /-</u>		<u>C08L 29 /-</u>	<u>C11B 3 /-</u>		<u>C25D 17 /-</u>
2020342892 2020363412		2020360405	2020327527		2020337087
<u>C07H 17 /-</u>	<u>C07K 5 /-</u>	<u>C08L 5 /-</u>	<u>C11D 17 /-</u>	<u>C12N 9 /-</u>	<u>D06C 15 /-</u>
2020358148	2020405482	2020358148	2020359638	2020344553 2020345621 2020347043 2020349649 2020354387 2020355025 2020357887 2020364234	2020458208
<u>C07H 19 /-</u>	<u>C08F 214 /-</u>	<u>C08L 67 /-</u>	<u>C11D 3 /-</u>		<u>D06F 58 /-</u>
2019462785 2020349553 2020363412	2020336015	2020333871 2020350517	2020386502		2020329019
<u>C07H 3 /-</u>	<u>C08F 220 /-</u>	<u>C08L 89 /-</u>	<u>C12C 11 /-</u>		<u>D06F 7 /-</u>
2020342892	2020393503	2020335214	2020333226		2020334355
<u>C07K 1 /-</u>	<u>C08F 8 /-</u>	<u>C08L 93 /-</u>	<u>C12C 13 /-</u>		<u>D06H 7 /-</u>
2020342140 2020345049	2020336015	2020350517	2020333226		2020458208
<u>C07K 14 /-</u>	<u>C08G 18 /-</u>	<u>C09C 1 /-</u>	<u>C12G 1 /-</u>	<u>C12P 13 /-</u>	<u>D21F 11 /-</u>
2020335214 2020342140 2020343328 2020344628 2020345937 2020346887 2020347906 2020348365 2020348376 2020348436 2020348502 2020348916 2020349493 2020349589 2020349649 2020349927 2020351014 2020353000 2020354387 2020358474 2020363697 2020364114 2020367382	2019470785 2020360309	2020333760	2020349691	2020351033	2019462999 2019464123
	<u>C08G 59 /-</u>	<u>C09D 163 /-</u>	<u>C12H 1 /-</u>	<u>C12P 17 /-</u>	<u>D21F 5 /-</u>
	2019470142 2019470785	2019470142 2019470785	2020349691	2019463310	2019463349
	<u>C08G 63 /-</u>	<u>C09D 167 /-</u>	<u>C12M 1 /-</u>	<u>C12P 19 /-</u>	<u>D21H 27 /-</u>
	2019470785 2020350517	2019470785	2020350573	2020342892 2020357887	2019462999 2019464123 2020345639
	<u>C08G 65 /-</u>	<u>C09D 171 /-</u>	<u>C12N 1 /-</u>	<u>C12P 7 /-</u>	<u>E01C 19 /-</u>
	2019470785 2020393503 2020394505	2019470785	2020347043 2020349465 2020350573	2019463310	2020332324
	<u>C08H 1 /-</u>	<u>C09D 175 /-</u>	<u>C12N 15 /-</u>	<u>C12Q 1 /-</u>	<u>E02B 3 /-</u>
	2020335214	2019470785 2020329019	2020332969 2020334317 2020334924 2020340290 2020344553 2020344628 2020345037 2020348376 2020348502 2020348860 2020349589 2020349708 2020349991 2020351014 2020351033 2020355025 2020356463 2020358474 2020376840 2020381646 2020405482	2019462785 2020336278 2020340381 2020343106 2020343334 2020344206 2020345621 2020346072 2020347043 2020347150 2020348457 2020348860 2020348916 2020350164 2020354669 2020364234 2020378280 2020381646	2020350206
	<u>C08J 3 /-</u>	<u>C09D 5 /-</u>			<u>E02B 5 /-</u>
	2020335214	2019470142 2020346964			2020350206
	<u>C08J 7 /-</u>	<u>C09D 7 /-</u>			<u>E02B 8 /-</u>
	2020335214 2020350517 2020358148	2020329019			2020350206
	<u>C08J 9 /-</u>	<u>C09J 133 /-</u>			<u>E02F 3 /-</u>
	2020332969 2020336314 2020341213 2020342910 2020344154 2020347474 2020347952 2020348295 2020348457 2020348916	2020359514			2020340430
	<u>C08J 1 /-</u>	<u>C10G 1 /-</u>			<u>E02F 9 /-</u>
	2020335214 2020350517 2020358148	2020351063			2020340430 2020354792
	<u>C08J 5 /-</u>	<u>C10G 7 /-</u>			<u>E03B 9 /-</u>
	2020360405	2020351063			2019469819 2021338581

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<u>E03D 13 /-</u>	<u>E21B 41 /-</u>	<u>F16B 7 /-</u>		2020351434	
2020347875	2020345989	2020334361	<u>F16L 3 /-</u>		<u>G01B 21 /-</u>
<u>E03D 5 /-</u>	2020346985	<u>F16D 65 /-</u>	2021338581	<u>F24F 120 /-</u>	2020353716
	2020350513			2020348064	2020376971
2020347875	<u>E21B 43 /-</u>	2020371497	<u>F16L 33 /-</u>	<u>F24F 13 /-</u>	<u>G01B 3 /-</u>
<u>E03D 9 /-</u>	2020350513	<u>F16F 15 /-</u>	2020328185	2020350294	2020353716
		2020253265	<u>F16L 37 /-</u>	2020351434	
2020347875	<u>E21B 44 /-</u>	<u>F16H 55 /-</u>	2020375902	<u>F25B 13 /-</u>	<u>G01B 7 /-</u>
<u>E04B 1 /-</u>	2020345989	2020354528	<u>F16L 47 /-</u>	2019466418	2020353716
					<u>G01B 9 /-</u>
2020334937	<u>E21B 47 /-</u>	2020351134	2021338581	<u>F25B 47 /-</u>	2020368606
2020334938	2020345173	<u>F16K 1 /-</u>	<u>F16M 11 /-</u>	2019466418	<u>G01C 21 /-</u>
<u>E04B 2 /-</u>	2020345989	2020351134	2020341349	<u>F25B 6 /-</u>	2020347579
	2020346985	<u>F16K 17 /-</u>	<u>F21V 8 /-</u>	2019466418	<u>G01J 3 /-</u>
2020334937	2020347482	2020351134	2020349136	<u>F26B 13 /-</u>	2020372414
2020334938	<u>E21B 7 /-</u>	<u>F16K 27 /-</u>	<u>F23B 10 /-</u>	2019463349	<u>G01N 15 /-</u>
<u>E04B 5 /-</u>	2020331988	2020350868	2020342698	<u>F26B 21 /-</u>	2020351780
		<u>F16K 3 /-</u>	<u>F23B 30 /-</u>	2020345049	2020354669
<u>E04C 3 /-</u>	<u>E21F 13 /-</u>	2019469819	2020342698	<u>F26B 3 /-</u>	<u>G01N 21 /-</u>
	2021272059	<u>F16K 31 /-</u>	<u>F23B 60 /-</u>	2020345049	2019463665
2019464926	<u>F02B 47 /-</u>	2019469819	2020342698	<u>F28C 3 /-</u>	2020340381
<u>E04C 5 /-</u>	2020357145	2020350868	<u>F23B 80 /-</u>	2020332175	2020368606
		2020351134	2020342698	<u>F28D 13 /-</u>	2020372414
2019464926	<u>F02C 3 /-</u>	2019469819	<u>F23H 13 /-</u>	2020332175	<u>G01N 27 /-</u>
2020348961	2020337729	<u>F16K 37 /-</u>	2020342698	<u>F28D 19 /-</u>	2020379393
2020350997	<u>F02M 25 /-</u>	2019469819	<u>F23J 15 /-</u>	2020332175	2020381018
<u>E04F 15 /-</u>	2020357145	<u>F16K 5 /-</u>	2020342698	<u>F28D 7 /-</u>	<u>G01N 33 /-</u>
		2020350868	<u>F23J 1 /-</u>	2020332175	2019463665
<u>E04G 21 /-</u>	<u>F02M 43 /-</u>	<u>F16L 13 /-</u>	2020342698	<u>F28D 19 /-</u>	2020332969
	2020357145	2020328185	<u>F23J 15 /-</u>	2020332175	2020343106
2020350997	2020357145	<u>F16L 15 /-</u>	2020342698	<u>F28F 19 /-</u>	2020344565
<u>E04H 12 /-</u>	<u>F02M 61 /-</u>	2020422897	<u>F23N 5 /-</u>	2020329019	2020347906
	2020357145	<u>F16L 17 /-</u>	2021317067	<u>F28F 21 /-</u>	2020348365
2020334361	<u>F03G 7 /-</u>	2020359361	<u>F24C 1 /-</u>	2020333760	2020348457
<u>E04H 4 /-</u>	2020354294	2020359361	2021317067	<u>F41A 9 /-</u>	2020350408
		<u>F16L 19 /-</u>	<u>F24C 15 /-</u>	2020350188	2020351780
2020365414	<u>F04D 17 /-</u>	2020359361	2020347101	<u>F41H 5 /-</u>	2020354387
2020365764	2020359245	2020462733	2020381676	2020350188	2020362379
<u>E04H 9 /-</u>	2020376971	<u>F16L 21 /-</u>	2020381822	<u>G01B 11 /-</u>	2020364234
		2020359361	2020381844	2020334396	2020367382
2020334937	<u>F04D 7 /-</u>	<u>F16L 23 /-</u>	<u>F24C 3 /-</u>	2020350188	2020388534
<u>E21B 17 /-</u>	2020376971	2020359361	2021317067	<u>G01B 11 /-</u>	<u>G01N 35 /-</u>
		<u>F16L 21 /-</u>	<u>F24F 11 /-</u>	2020334396	2020336351
2020331988	<u>F15B 21 /-</u>	2020359361	2020348064	2020353716	2020347895
<u>E21B 23 /-</u>	2020376971	2020462733	2020350294	2020368606	2020348551
	2020354792	<u>F16L 23 /-</u>			<u>G01R 31 /-</u>
2019474585	<u>F15D 1 /-</u>	2020359361			2020340415
2020345173	2020354334	2021338581			2020359663
<u>E21B 33 /-</u>	2020354334	<u>F16L 27 /-</u>			<u>G01R 33 /-</u>
		2020359361			2019469819
2019474585	<u>F16B 4 /-</u>	2021338581			2020339859
2020345173	2020334361	2020359361			
<u>E21B 4 /-</u>		2021338581			
		2020359361			
2020331988		2021338581			

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2020350493	<u>G06F 12 /-</u>	<u>G06N 20 /-</u>	<u>G08G 1 /-</u>	<u>H01L 21 /-</u>	<u>H02H 3 /-</u>
<u>G01S 17 /-</u>	2020368334	2020346985	2020347579	2020350493	2020336196
2020289033	<u>G06F 15 /-</u>	2020349468	2020359347		<u>H02H 7 /-</u>
2020334988		2020350513			2020359663
<u>G01S 7 /-</u>	2020359447	<u>G06N 3 /-</u>	<u>G09B 19 /-</u>	<u>H01L 27 /-</u>	2020359663
2020334988	<u>G06F 16 /-</u>	2020350787	2020350499	2020350493	<u>H02J 1 /-</u>
		2020351688	<u>G09B 5 /-</u>	<u>H01L 29 /-</u>	2020362873
<u>G01V 1 /-</u>	2020327704	<u>G06Q 10 /-</u>	2020350499	2020370141	<u>H02J 3 /-</u>
	2020334398			2020370144	2020444688
2020335851	2020335386	2020338598	<u>G09C 1 /-</u>	<u>H01L 31 /-</u>	2021229237
2020357929	2020364879	<u>G06Q 20 /-</u>	2019469404		
2020365520	2020378964		2019469886	2020348454	<u>H02J 5 /-</u>
<u>G01V 11 /-</u>	<u>G06F 17 /-</u>	2020334398	<u>G16B 20 /-</u>	<u>H01L 39 /-</u>	2020336469
2020345173	2019469886	<u>G06Q 30 /-</u>	2020378280	2020370141	<u>H02J 50 /-</u>
<u>G01V 13 /-</u>	2020333434			2020370144	
	<u>G06F 21 /-</u>	2020334398	<u>G16B 25 /-</u>	<u>H01L 41 /-</u>	2020334398
2020365520	2020341341	<u>G06Q 40 /-</u>	2020356582		2021335238
<u>G01V 3 /-</u>	2020364879			2020344610	<u>H02J 7 /-</u>
	<u>G06F 3 /-</u>	2019464406	<u>G16B 40 /-</u>	<u>H01M 10 /-</u>	2020328756
2020347482		<u>G06Q 50 /-</u>	2020348365	2019466049	2020336196
<u>G02B 27 /-</u>	2020354583		2020378280	2020336196	2020336469
	2020356289	2020333434		2020340415	2020340415
2020349136	<u>G06F 40 /-</u>	2020334398	<u>G16H 20 /-</u>	2020341168	2020341209
<u>G02B 5 /-</u>		2020341341		2020341209	
	2020326435	2020350499	2020346724	2020345961	<u>H02K 3 /-</u>
2020349689	<u>G06F 9 /-</u>	2020363728	2020346957		2020330253
		<u>G06T 17 /-</u>	2020352566	<u>H01M 4 /-</u>	
<u>G02B 6 /-</u>	2019469404				
	2020350525	2020289033	<u>G16H 40 /-</u>	2020337087	<u>H02K 55 /-</u>
2020340292	2020368334	2020354341		2020345961	2020369008
<u>G02C 5 /-</u>	<u>G06K 19 /-</u>	<u>G06T 7 /-</u>	2020346724	<u>H01M 50 /-</u>	
			2020361759		
2020331609	2019462043	2020289033	<u>G16H 50 /-</u>	2020336196	<u>H02K 7 /-</u>
2020334786	2019466740	2020358969		2020345961	2020253265
<u>G02C 7 /-</u>	2020349487	2020362217	2020349425	2020393448	<u>H02M 3 /-</u>
	2020349487	2020378062	2020352566		2020328756
2020386502	2020364879	2020449438	2020378280	<u>H01M 6 /-</u>	
	<u>G06K 7 /-</u>	2020449440	<u>G16H 80 /-</u>		
<u>G02F 1 /-</u>		<u>G06T 9 /-</u>		2020341168	<u>H02M 7 /-</u>
	2019466740		2020346957		2020328756
2020350100	2020353716	2020354341	2020357073	<u>H01M 8 /-</u>	
	2020356248	<u>G06V 10 /-</u>	<u>H01B 3 /-</u>	2020369008	<u>H02S 10 /-</u>
<u>G03B 17 /-</u>	<u>G06K 9 /-</u>				2020334398
		2020355226	2020333760	<u>H01Q 1 /-</u>	
2020354928	2020349468	<u>G07B 15 /-</u>	<u>H01F 27 /-</u>	2020356248	<u>H02S 20 /-</u>
<u>G05B 23 /-</u>	2020349487				2020348454
	2020351780	2020347579	2020343587	<u>H01Q 21 /-</u>	
2020347875	2020355226	<u>G07C 9 /-</u>	<u>H01F 38 /-</u>	2020356248	<u>H02S 30 /-</u>
<u>G05D 1 /-</u>	2020378062				2020348454
	<u>G06M 11 /-</u>	2020356248	2021335238	<u>H01Q 5 /-</u>	
2020334396		<u>G07F 17 /-</u>	<u>H01F 6 /-</u>	2020356248	<u>H04B 1 /-</u>
2020361410	2020351974		2020369008		2020332428
<u>G05D 16 /-</u>	<u>G06M 7 /-</u>	2020333434	<u>H01F 7 /-</u>	2020350051	2020354926
		<u>G08B 29 /-</u>			2020357929
2020356369	2020353503		2020339859	<u>H01R 39 /-</u>	<u>H04B 10 /-</u>
<u>G06F 1 /-</u>	<u>G06N 10 /-</u>	2020346724			2020349689
			<u>H01J 9 /-</u>	2020350885	2020366623
2020341349	2020370141				
	2020370144		2020350100		

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<u>H04B 13 /-</u>	<u>H04W 12 /-</u>
2020366623	2020347579
<u>H04B 17 /-</u>	<u>H04W 24 /-</u>
2020364591	2020354339
2021320075	2021320075
<u>H04B 7 /-</u>	<u>H04W 4 /-</u>
2020334398	2019468057
	2020334398
	2020342610
<u>H04J 14 /-</u>	2020346724
2020343034	2020347579
	2020347875
<u>H04L 1 /-</u>	<u>H04W 72 /-</u>
2020337244	2019468057
2020364236	2020349632
2020364242	
2021320075	<u>H04W 74 /-</u>
<u>H04L 27 /-</u>	2020364260
2020333663	
2020337244	<u>H04W 76 /-</u>
	2021320075
<u>H04L 5 /-</u>	<u>H04W 8 /-</u>
2020364260	2020354339
<u>H04L 67 /-</u>	<u>H04W 84 /-</u>
2020336124	2020347875
2020342610	2020364591
2020347875	
<u>H04L 9 /-</u>	<u>H04W 88 /-</u>
2020336124	2020364591
2020340284	
2020350493	<u>H04W 92 /-</u>
2020364879	2019468057
2020392047	
<u>H04M 1 /-</u>	<u>H05B 6 /-</u>
2020341349	2020347177
2020356289	
<u>H04N 19 /-</u>	
2020328402	
2020332002	
2020348394	
2020354341	
2020354500	
2020354926	
<u>H04N 5 /-</u>	
2020352455	
<u>H04N 7 /-</u>	
2020354926	
<u>H04R 1 /-</u>	
2020361688	
2020363457	

Applications Accepted

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- 1304338 Alberta Ltd. see 1304342 Alberta Ltd.**
(21) 2015411419
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(11) AU-B-2015411419
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(51) Int. Cl.
H01M 8/06 (2006.01)
C09K 8/592 (2006.01)
E21B 43/24 (2006.01)
F24V 30/00 (2018.01)
F25J 1/00 (2006.01)
H01M 8/0668 (2016.01)
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(74) SPICER SPICER PTY LTD
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- (71)** 7905122 Canada Inc.
(11) AU-B-2016401104
(21) 2016401104 **(22)** 01.09.2016
(54) Water-absorbing material and uses thereof
(51) Int. Cl.
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B01J 20/22 (2006.01)
B01J 20/30 (2006.01)
G01N 33/52 (2006.01)
C08J 3/12 (2006.01)
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(11) AU-B-2017230091
(21) 2017230091 **(22)** 10.03.2017
(54) Activin type 2 receptor binding proteins and uses thereof
(51) Int. Cl.
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A61K 31/7088 (2006.01)
A61K 38/18 (2006.01)
A61K 39/395 (2006.01)
C07K 14/47 (2006.01)
C07K 14/475 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
G01N 33/53 (2006.01)
(87) WO2017/156488
(31) 62/306,354 **(32)** 10.03.16 **(33)** US
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(74) Pearce IP Pty Ltd
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- Adimab, LLC see Acceleron Pharma Inc.**
(21) 2017230091
-
- (71)** Administrators of the Tulane Educational Fund
(11) AU-B-2015333761
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C09K 8/68 (2006.01)
C09K 8/72 (2006.01)
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G01N 21/64 (2006.01)
G01N 21/66 (2006.01)
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C12M 1/00 (2006.01)
C12M 3/00 (2006.01)
C12N 5/00 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Weber-Stephen Products LLC
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(21) 2020260545 (22) 30.10.2020
(54) Digital power supply
(51) Int. Cl.
H02M 5/02 (2006.01)
A47J 37/07 (2006.01)
H05B 6/00 (2006.01)
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(72) KNAPPENBERGER, Eric; ZULETA, Julio C.; LERCH, Matthew; EMMERICH, Jeffery C.
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- (71) Weber-Stephen Products LLC
(11) AU-B-2021200734
(21) 2021200734 (22) 04.02.2021
(54) Digital power supply with wireless monitoring and control
(51) Int. Cl.
H02J 3/01 (2006.01)
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(72) KNAPPENBERGER, Eric; ZULETA, Julio C.; LERCH, Matthew; EMMERICH, Jeffery C.
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- (71) WiseTech Global Limited
(11) AU-B-2017243870
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(51) Int. Cl.
G06F 16/2453 (2019.01)
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2016901204 31.03.16 AU
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(74) FB Rice Pty Ltd
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- (71) Ynsect
(11) AU-B-2016247733
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(54) Method for insect breeding
(51) Int. Cl.
A01K 67/033 (2006.01)
(87) WO2016/166465
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(72) Comparat, Solène; Hubert, Antoine; Berro, Fabrice; Levon, Jean-Gabriel
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 (21) 2019248034 (22) 15.03.2019
 (54) Multitubular rotary heat exchanger
 (51) Int. Cl.
 F28D 11/04 (2006.01)
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 (43) 10.10.2019
 (44) 07.04.2022
 (72) YOSHIDA, Tomonori; TAKENAKA,
 Takeshi
 (74) Spruson & Ferguson

(71) Zhejiang Yat Electrical Appliance Co.,
 Ltd
 (11) AU-B-2019278052
 (21) 2019278052 (22) 30.05.2019
 (54) GNSS-RTK-based positioning method
 (51) Int. Cl.
 G01S 19/41 (2010.01)
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 (87) WO2019/228439
 (31) 201810556616.5 (32) 01.06.18 (33) CN
 (43) 05.12.2019
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(71) Zoetis Services LLC
 (11) AU-B-2017289187
 (21) 2017289187 (22) 27.06.2017
 (54) Devices with modified conduits
 (51) Int. Cl.
 B01L 3/00 (2006.01)
 B04B 5/04 (2006.01)
 G01N 21/07 (2006.01)
 G01N 33/48 (2006.01)
 G01N 33/487 (2006.01)
 G01N 33/49 (2006.01)
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 (43) 04.01.2018
 (44) 07.04.2022
 (72) Farnam III, Warren Edward; Trigub,
 Gregory; Shartle, Robert Justice;
 Kuehner, Daniel E.
 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

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2015304945	Lifesplice Pharma LLC	2016404249	Badger Licensing LLC
2015333761	Administrators of the Tulane Educational Fund	2016408304	Attest Research Sdn Bhd
2015357573	Foundation Medicine, Inc.	2016427625	Electrolux Appliances Aktiebolag
2015392215	Amgen Inc.	2016427904	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2015411419	1304342 Alberta Ltd.; 1304338 Alberta Ltd.	2016428123	Kimberly-Clark Worldwide, Inc.
2015411930	Sandvik Intellectual Property AB	2016428651	Dow Global Technologies LLC; Rohm and Haas Company
2016203289	The Boeing Company	2016434076	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2016214244	Sorbonne Université; Association Institut De Myologie; Institut National De La Sante Et De La Recherche Medicale; Centre National De La Recherche Scientifique	2016434922	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2016232050	Janssen Vaccines & Prevention B.V.	2017200839	MyLaps B.V.
2016241935	Sysmex Corporation	2017200910	Metecno Pty Ltd
2016247733	Ynsect	2017201946	DePuy Synthes Products, Inc.
2016249395	Bristol-Myers Squibb Company	2017201948	DePuy Synthes Products, Inc.
2016256824	Ellis, G.	2017202074	Medos International Sarl
2016258895	PETROLEO BRASILEIRO S.A. - PETROBRAS	2017202076	Medos International Sarl
2016261927	Sangamo Therapeutics, Inc.	2017202111	Fujitsu Limited
2016264193	The National Centre for Biological Sciences; The University of Chicago	2017202113	Fujitsu Limited
2016267687	Cornell University	2017202825	Medos International Sarl
2016267960	The a2 Milk Company Limited	2017206116	Evapco, Inc.
2016287416	S & C Electric Company	2017206267	McNeill, P.
2016290761	Laboratoire Francais du Fractionnement et des Biotechnologies	2017206594	PGS Geophysical AS
2016298564	Chevron U.S.A. Inc.	2017211928	Universitat Bern
2016308286	Rakuten Medical, Inc.	2017215294	Aeralis Ltd
2016309815	Annovis Bio, Inc.	2017215462	Trico Products Corporation
2016310538	Vitrolife Sweden AB	2017217357	Luigi Lavazza S.p.A.
2016310646	Stora Enso Oyj	2017218138	Rodan & Fields, LLC
2016315721	Cedars-Sinai Medical Center	2017218975	Caterpillar Inc.
2016316027	Dana-Farber Cancer Institute Inc.	2017219613	Camris International, Inc.
2016318467	Applied Physical Sciences Corp.	2017220382	Impedimed Limited
2016318780	The Children's Hospital of Philadelphia	2017221747	Morpho B.V.
2016318786	The Children's Hospital of Philadelphia	2017223831	Intel Corporation
2016320401	Brita GmbH	2017224048	Cryovac, LLC
2016321918	Soltec Energias Renovables, S.L.	2017224287	Bayerische Motoren Werke Aktiengesellschaft
2016324033	Edgewell Personal Care Brands, LLC	2017226644	Essilor International
2016329628	Fundación CENER-CIEMAT; Fundación Tekniker	2017229128	Janssen Pharmaceutica NV; The Global Alliance for TB Drug Development, Inc.
2016330328	Galderma Research & Development	2017229508	True Manufacturing Co., Inc.
2016330789	Galderma Research & Development	2017230091	Acceleron Pharma Inc.; Adimab, LLC
2016331058	HTG Molecular Diagnostics, Inc.	2017231577	N.V. Nutricia
2016331663	ImmuneXpress Pty Ltd	2017231946	Satake Corporation; Mechano Transformer Corporation
2016332061	Repligen Corporation	2017232238	Osborne, L.; Prather, J.
2016335397	LG Household & Health Care Ltd.	2017233757	Subsea 7 Norway AS
2016338977	Snug Solutions Ltd	2017234313	Fisher & Paykel Healthcare Limited
2016339998	Wake Forest University Health Sciences	2017234374	Commonwealth Scientific and Industrial Research Organisation
2016340788	Guardhat, Inc.	2017234986	Polyakov, I.; Ivanova, L.
2016342298	Artur Kupper GmbH & Co. KG; Schaeffler Technologies AG & Co. KG	2017236196	Nokia Technologies Oy
2016342380	President and Fellows of Harvard College	2017236701	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
2016343851	Cancer Prevention Pharmaceuticals, Inc.	2017238068	Qualcomm Incorporated
2016345371	Ecolean AB	2017240636	TR Technologies Limited
2016347691	Technological Resources Pty. Limited	2017240763	Merit Medical Systems, Inc.
2016351634	Nutrition & Biosciences USA 4, Inc.	2017242168	Sumitomo Electric Industries, Ltd.
2016353897	AF Development Holding Limited	2017243870	WiseTech Global Limited
2016365026	Hubbell Incorporated	2017246520	BP Exploration Operating Company Limited
2016365400	Astraea Therapeutics, LLC	2017247008	Noxopharm Limited
2016366771	The United States of America, as represented by the Secretary, Department of Health and Human Services	2017250888	National University Corporation Hokkaido University
2016368277	BL Technologies, Inc.	2017254764	Ventura Holdings Ltd.
2016368688	Custom Made Product Development Pty Ltd	2017256910	Sorbonne Université; Gensight Biologics SA; Centre National de la Recherche Scientifique; Institut National De La Sante Et De La Recherche Medicale
2016371252	Breville Pty Limited	2017262679	Global Algae Technology, LLC
2016376009	Peak Well Systems Pty Ltd; Peak Well Systems Limited	2017262757	Immersion Services LLC
2016391066	Halliburton Energy Services, Inc.	2017266491	Electro Expo Limited
2016397047	Mereo BioPharma 1 Limited	2017266859	Medos International Sarl
2016398720	KYOSAN ELECTRIC MFG. CO., LTD.		
2016401010	Cardinal Health 529, LLC		
2016401104	7905122 Canada Inc.		

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2017267246	Fisher & Paykel Healthcare Limited	2017405380	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.
2017268643	OpenTV, Inc.	2017444732	NEC Corporation
2017273748	Vetco Gray Scandinavia AS	2018201075	CNH Industrial America LLC
2017274195	ADS Therapeutics LLC	2018201170	Nova Strate Inc.
2017274506	Tiw Corporation	2018203484	RX Smart Gear, Inc.
2017276154	Doona Holdings Ltd.	2018206414	Equifax, Inc.; Fidelity Information Services, LLC
2017277902	Medical Device Research Australia Pty Ltd	2018208990	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.
2017278315	DSM IP Assets B.V.		Protagonist Therapeutics, Inc.
2017281791	Fresenius Medical Care Holdings, Inc.	2018210174	Alcon Inc.
2017282513	Mitsubishi Materials Corporation	2018211566	The Secretary of State for Defence
2017283168	MiWire ApS	2018213100	Core Supply Group B.V.; Kezza Products Pty Limited
2017288251	Fresenius Medical Care Holdings, Inc.	2018214432	Orionis Biosciences BV; VIB Vzw; Universiteit Gent
2017289187	Zoetis Services LLC	2018216032	Samsung Electronics Co., Ltd.
2017298564	Shipman, S.	2018226241	Taiho Pharmaceutical Co., Ltd.
2017300528	Biometry Inc.	2018228114	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2017301227	Institut National de la Recherche Scientifique	2018228555	CBS International GmbH
2017301976	BASF SE	2018228650	Canntab Therapeutics, Limited
2017302289	W.C. Bradley Co.	2018233582	Hirondelle Medical
2017302506	Arvos Ljungstrom LLC	2018234246	Sun Pharma Advanced Research Company Limited
2017303832	Crown Packaging Technology, Inc.	2018235446	Eigen Systems Limited
2017305437	LIQUIDPOWER SPECIALTY PRODUCTS INC.; MI-CRO POWDERS, INC.	2018239825	Integral Scopes Pty Ltd
2017308143	Amyris, Inc.	2018241253	Centauri Therapeutics Limited
2017308757	Boston Scientific Scimed, Inc.	2018248706	Microsoft Technology Licensing, LLC
2017310507	Hakim, C.	2018251560	Chr. Hansen A/S
2017311034	Sexy Back Bra, LLC	2018251957	VQ Innovation
2017311536	Termo-ind S.A.	2018252558	Takeda Pharmaceutical Company Limited
2017312323	B. Braun Melsungen AG	2018257331	Institute of Genetics and Developmental Biology, Chinese Academy of Sciences
2017313255	CDE Global Limited	2018263195	Earth Networks, Inc.
2017315766	Harsco Technologies LLC	2018263885	Scinogy Products Pty Ltd
2017318401	Société des Produits Nestlé S.A.	2018265771	Enanta Pharmaceuticals, Inc.
2017318956	Moore, J.	2018266911	Nektar Therapeutics
2017318973	Dow Global Technologies LLC	2018270926	Children's Hospital Medical Center
2017319484	AMVAC Chemical Corporation	2018279790	PTC Therapeutics, Inc.
2017321713	Kimberly-Clark Worldwide, Inc.	2018282154	NuCan PLC
2017322093	OPTI-Minez Pty Ltd	2018284131	Amgen Inc.
2017324138	Karl Leibinger Medizintechnik GmbH & Co. KG	2018294254	Merck Patent GmbH
2017324399	Phenox GmbH	2018302026	CJ Cheiljedang Corporation
2017324944	AMO Development, LLC	2018310134	Tak Logic, LLC
2017328479	Omxix Biopharmaceuticals Ltd.	2018313737	Composecure, LLC
2017329458	SIGVARIS AG	2018318950	Nokia Technologies Oy
2017330331	The Lubrizol Corporation	2018350102	Advanced Institute of Convergence Technology; Med-pacto Inc.
2017332670	Qualcomm Incorporated	2018354528	EpiAxis Therapeutics Pty Ltd
2017336307	Fronius International GmbH	2018363880	Derrick Corporation
2017340233	Visa International Service Association	2018388591	Telefonaktiebolaget LM Ericsson (publ)
2017345733	General Cable Technologies Corporation	2018421975	Huawei Technologies Co., Ltd.
2017345736	Nimbus Lakshmi, Inc.	2018422698	Qingdao Haier Co., Ltd.
2017347830	Becton Dickinson and Company	2018424233	Qingdao Haier Co., Ltd.
2017355438	EDGE Surgical, Inc.	2018424681	Huawei Technologies Co., Ltd.
2017357923	Aerovironment, Inc.	2018430027	Mitsubishi Electric Corporation
2017370967	Bayer CropScience Aktiengesellschaft	2018441279	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.
2017373593	Lead Pharma Holding B.V.; Sanofi	2018441778	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.
2017375027	OVD Kinegram AG; Kurz Digital Solutions GmbH & Co. KG		HGT Precision Co., Ltd.
2017384510	Thales	2018443613	Palfinger AG
2017384673	Institut Pasteur; Institut National de la Recherche Agro-nomique (INRA); The United States of America, as represented by the Secretary of Agriculture	2019201503	Hall, P.; Eriksson, M.
2017387527	BAE Systems Information and Electronic Systems In-tegration Inc.	2019207511	Innovent Biologics (Suzhou) Co., Ltd.
2017389818	Institute of Materia Medica, Chinese Academy of Medic-al Sciences	2019212585	Fraunhofer-Gesellschaft Zur Förderung Der Ange-wandten Forschung E.V.
2017390198	Eaton Intelligent Power Limited	2019214183	Seasun Therapeutics, Inc
2017391161	Caterpillar Inc.	2019214298	BioSpecifics Technologies Corporation; Duke University
2017391230	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2019219472	Vivo Mobile Communication Co., Ltd.
2017391484	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.	2019219834	Hanlim Pharmaceutical Co., Ltd.
2017392503	Halliburton Energy Services, Inc.	2019241278	Yoshino Gypsum Co., Ltd.
2017395023	Plexxikon Inc.	2019243099	Huawei Technologies Co., Ltd.
2017397647	Cryovac, LLC	2019248034	Illumina, Inc.
2017398629	Prysmian S.p.A.	2019250861	MPI, LLC
		2019257320	LG Electronics Inc.
		2019261540	
		2019262477	

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2019264485	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2020202866	Merck Sharp & Dohme Corp.
2019264656	Apple Inc.	2020203429	SCHLAGE LOCK COMPANY LLC
2019268668	Kobelco Construction Machinery Co., Ltd.	2020203601	Cambridge Mobile Telematics, Inc.
2019271914	LIN, H.	2020203991	Vallourec Tubos do Brasil S.A.
2019272337	DroneSeed, Inc.	2020204065	FMC CORPORATION
2019274350	Ko Biolabs, Inc.	2020204113	Sorrento Therapeutics, Inc.
2019274351	Ko Biolabs, Inc.	2020204407	VIDEO GAMING TECHNOLOGIES, INC.
2019278052	Zhejiang Yat Electrical Appliance Co., Ltd	2020204526	Meso Scale Technologies, LLC.
2019280069	Krystal Biotech, Inc.	2020204591	ST REPRODUCTIVE TECHNOLOGIES, LLC
2019280534	CorNeat Vision Ltd.	2020205209	Route 92 Medical, Inc.
2019282111	Spermvital AS	2020205238	Nutrition Science Design Pte. Ltd.
2019283820	SALADAX BIOMEDICAL INC.	2020205245	SRG Global IP Pty Ltd
2019289097	ELC Management LLC	2020205257	HB Innovations, Inc.
2019291054	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2020207807	Chill Gaming Pty Ltd
2019291363	BSH Hausgeräte GmbH	2020207821	Qualcomm Incorporated
2019296415	Huawei Technologies Co., Ltd.	2020207865	Dexcom, Inc.
2019296431	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020207867	Apple Inc.
2019300182	Honeywell International Inc.	2020210219	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd.
2019300848	Bushnell, Inc.	2020217424	B&L Biotech, Inc.
2019302814	The Industry & Academic Cooperation in Chungnam National University (IAC)	2020220076	Fisher & Paykel Healthcare Limited
2019312116	MED-EL Elektromedizinische Geraete GmbH	2020223657	Immatics Biotechnologies GmbH
2019314884	Nicoventures Trading Limited	2020223722	LG Electronics Inc.
2019316187	Nicoventures Trading Limited	2020223727	LG Electronics Inc.
2019318433	Colgate-Palmolive Company	2020223736	Prilenia Neurotherapeutics Ltd
2019319726	Lantech.com, LLC	2020226996	Omniceil, Inc.
2019325570	Victaulic Company	2020229050	Mölnlycke Health Care AB
2019325994	SALENBIEN, R.H.	2020230282	Intervet International B.V.
2019332961	Ecolab USA Inc.	2020230331	Implantica Patent Ltd
2019336870	LG Electronics Inc.	2020233631	Snap-on Incorporated
2019339924	Risen (Suzhou) Pharma Tech Co. Ltd.	2020233650	Biohaven Pharmaceutical Holding Company Ltd
2019351610	Siemens Energy Global GmbH & Co. KG	2020233651	Angel Co., Ltd.
2019352614	SharkNinja Operating LLC	2020233659	Rosemount Inc.
2019352983	iotaMotion, Inc.	2020233670	DePuy Synthes Products, Inc.
2019354913	CMR Surgical Limited	2020233726	LiquidPiston, Inc
2019356720	Mitsubishi Heavy Industries Engineering, Ltd.	2020233739	Equipax, Inc.
2019356722	Mitsubishi Heavy Industries Engineering, Ltd.	2020233766	Cytec Industries Inc.
2019370300	Rev.com, Inc.	2020239723	Apple Inc.
2019370808	Nicoventures Trading Limited	2020244377	Energenesis Biomedical Co., Ltd
2019372300	Tracy of Sweden AB	2020244451	Regeneron Pharmaceuticals, Inc.
2019379711	Alipay (Hangzhou) Information Technology Co., Ltd.	2020244556	W. L. Gore & Associates, Inc.
2019381748	Siemens Mobility, Inc.	2020244588	Canon Kabushiki Kaisha
2019384601	Samsung Electronics Co., Ltd.	2020244609	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2019410974	China University of Mining and Technology	2020257050	Georg Fischer Rohrleitungssysteme AG
2019411629	The Sun Lock Company Limited	2020260393	Nanjing Forestry University; Shanghai Academy of Landscape Architecture Science and Planning
2019421992	Samsung Electronics Co., Ltd.	2020260545	Weber-Stephen Products LLC
2020200118	Bioverativ Therapeutics Inc.	2020260581	Kop-Coat, Inc.
2020200297	University of Southern California	2020264278	The University of North Carolina at Chapel Hill
2020200358	Patco, LLC	2020264333	Pask, N.G.
2020200473	Arlec Australia Pty Ltd	2020264359	Haldor Topsoe A/S
2020200668	Bio-Rad Laboratories, Inc.	2020267217	DemeRx, Inc.
2020200700	Agios Pharmaceuticals, Inc.	2020267267	DSG Technology Holdings Ltd
2020200732	CORDIS CORPORATION	2020270501	Caterpillar Inc.
2020200814	CA Casys GmbH	2020270519	Gerresheimer Glass Inc.
2020200995	Gilead Sciences, Inc.	2020273504	SURYS
2020201002	Novartis AG	2020279955	Hood Technology Corporation
2020201083	Ferrara, L.	2020289880	Knauf Gips KG
2020201151	INCYTE HOLDINGS CORPORATION	2020294302	Samsung Electronics Co., Ltd.
2020201190	The Trustees of the University of Pennsylvania	2020315519	Raytheon Company
2020201280	BioNano Genomics, Inc.	2020318538	De Nora Permelec Ltd
2020201338	Hayward Industries, Inc.	2020323952	Remacro Machinery & Technology (Wujiang) Co., Ltd.
2020201555	Nippon Suisan Kaisha, Ltd.	2020349590	Middleton Medical Innovations Pty Ltd
2020202092	BigTinCan Holdings Limited	2020403707	Shaanxi Huikang Bio-Tech Co., Ltd.
2020202093	Alnylam Pharmaceuticals, Inc.	2021200047	Green Products & Technologies, L.L.C.
2020202184	Snap-on Incorporated	2021200554	MAKO Surgical Corp.
2020202367	Apple Inc.	2021200734	Weber-Stephen Products LLC
2020202536	Castle Biosciences, Inc.	2021200754	Elbex Video Ltd.
2020202752	Pharmacyclics LLC	2021200806	GC Corporation
2020202853	Seagen Inc.	2021200830	BISELL Inc.

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2021200874 Siemens Mobility, Inc.
2021201039 Elbex Video Ltd.
2021201069 Pask, N.G.
2021201130 Apple Inc.
2021201270 Honeywell International Inc.
2021201466 Gardner, G.
2021201547 Alnylam Pharmaceuticals, Inc.
2021201583 Prilenia Neurotherapeutics Ltd.; The Board of Regents
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2021201771 Siemens Aktiengesellschaft
2021201917 Curelator, Inc.
2021202018 Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2021202167 Kelleher, H.J.
2021202282 Canva Pty Ltd
2021202981 Google LLC
2021203016 Parasym Pty Ltd
2021203021 CREO MEDICAL LIMITED
2021203211 Anglo American Technical & Sustainability Services Ltd;
Anglo Corporate Services South Africa (Pty) Ltd
2021203630 Huawei Technologies Co., Ltd.
2021204099 Schneider Electric Industries SAS
2021204640 PhysiPal Pty Ltd
2021232759 Kone Corporation
2021236531 Vision Ease, LP
2021263336 Wachala, M.
2021273315 EVVA Sicherheitstechnologie GmbH
2021286246 Reeves, J.
2021286282 Oxford BioDynamics PLC
2021286283 Oxford BioDynamics PLC
2021290221 Algesacooling Pty Ltd

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	2020230282	2020205257	2017240763	2017254764	2018363880
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2018201075	2017302289	2020205257	2017277902		2019274351
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2017262679	2020201555	2020205257	2020205209	<u>A61H 1 /-</u>	2018233582
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2018263195	2019274350	<u>A47J 19 /-</u>	<u>A61B 3 /-</u>	2016308286	2017230091
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2017262679	2020205238	<u>A47J 31 /-</u>	2018211566	<u>A61K 31 /-</u>	2018210174
<u>A01K 29 /-</u>	<u>A23N 1 /-</u>	2017217357	2018241253	2015304945	2018270926
2020204591	2020233651	<u>A47J 37 /-</u>	<u>A61B 34 /-</u>	2016330328	2018363880
<u>A01K 67 /-</u>	<u>A24B 15 /-</u>	2017302289	2019354913	2016330789	2019219834
2016247733	2019314884	2020260545	2021200554	2016343851	2019257320
<u>A01N 1 /-</u>	<u>A24F 1 /-</u>	<u>A47J 43 /-</u>	<u>A61B 5 /-</u>	2016365400	2019280069
2019282111	2016353897	2016371252	2017220382	2016397047	2020200118
<u>A01N 25 /-</u>	<u>A24F 47 /-</u>	<u>A47K 17 /-</u>	2017267246	2016408304	2020264278
2020204065	2019314884	2021202167	2017300528	2017229128	<u>A61K 39 /-</u>
2020260581	2019316187	<u>A47K 5 /-</u>	2017310507	2017230091	2015357573
<u>A01N 43 /-</u>	<u>A41C 3 /-</u>	2021263336	2017355438	2017231577	2015392215
2016365400	2017311034	<u>A47L 11 /-</u>	2020202367	2017234986	2016249395
2017301976	<u>A41D 13 /-</u>	2019262477	2020204591	2017247008	2016267687
2017370967	2018313737	2021200830	2020207865	2017274195	2016366771
2020230282	2020201083	<u>A47L 9 /-</u>	2020233670	2017345736	2017219613
<u>A01N 47 /-</u>	<u>A42B 1 /-</u>	2019262477	2021201917	2017373593	2017230091
2020230282	2016340788	2021201466	<u>A61B 90 /-</u>	2017389818	2018216032
<u>A01N 53 /-</u>	<u>A42B 3 /-</u>	<u>A47L 11 /-</u>	201735438	2017395023	2018363880
2020204065	2020201083	2019262477	2019354913	2018228114	2019339924
2020230282	2020201083	2021200830	<u>A61C 1 /-</u>	2018228555	2020200118
<u>A01N 63 /-</u>	<u>A47B 13 /-</u>	<u>A47L 9 /-</u>	2020217424	2018233582	2020201102
2017319484	2017229508	2019262477	<u>A61C 3 /-</u>	2018257331	2020204113
2020204065	<u>A42B 3 /-</u>	2019336870	2020217424	2018266911	2020223657
<u>A01P 13 /-</u>	<u>A47B 31 /-</u>	2019352614	<u>A61D 1 /-</u>	2018302026	<u>A61K 45 /-</u>
2017301976	2017229508	<u>A61B 1 /-</u>	2020204591	2019243099	2016343851
2017370967	<u>A47B 33 /-</u>	<u>A61D 1 /-</u>	<u>A61F 13 /-</u>	2019339924	2017229128
		2017300528	2020200700	2020200700	2018228114
		<u>A61B 13 /-</u>	2020200995	2020200995	<u>A61K 47 /-</u>
		2017300528	2020201151	2020201555	2016308286
		<u>A61B 17 /-</u>	2020201555	2020202752	2016335397
		2017201946	2020202752	2020202853	2017384673
		2017201948	2020202866	2020202866	2018233582
		2017202074	2020223736	2020223736	2018248706
			2020230282	2020230282	2018270926
			2020233650	2020233650	2019219472
			2020244377	2020244377	2020201151
			2020267267	2020267217	<u>A61K 48 /-</u>
			<u>A61F 2 /-</u>	2021201583	2015304945
			2017202825	2021202018	2019280069
			2017254764	<u>A61K 33 /-</u>	2020201190
			2017310507	2017278315	<u>A61K 6 /-</u>
			2019280534	2018228114	2021200806
			2020230331		

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<u>A61K 8/-</u>	2017312323	2018302026	2021202018	<u>B04B 5/-</u>	2020233631
2016324033	<u>A61M 5/-</u>	2019274350	<u>A61Q 11/-</u>	2017289187	<u>B25B 27/-</u>
2016335397	2017240763	2019274351	2016335397	2018265771	2020202184
2019274351	2017288251	2020201555	2019318433	<u>B05D 5/-</u>	<u>B25F 1/-</u>
2019289097	<u>A61N 1/-</u>	2020244377	<u>A61Q 17/-</u>	2021236531	2020202184
2019318433	2017324399	<u>A61P 3/-</u>	2016324033	<u>B05D 7/-</u>	<u>B25G 3/-</u>
<u>A61K 9/-</u>	2019312116	2018302026	2019289097	2017345733	2020202184
2016308286	2019352983	2020201555	<u>A61Q 19/-</u>	<u>B06B 1/-</u>	<u>B25H 1/-</u>
2016330328	2021203016	2020244377	2017218138	2017234374	2016368688
2016330789	<u>A61N 7/-</u>	2021202018	2019274351	<u>B07B 1/-</u>	<u>B25J 11/-</u>
2016335397	2017324399	<u>A61P 31/-</u>	<u>A62B 9/-</u>	2018388591	<u>B25J 19/-</u>
2016343851	<u>A61P 1/-</u>	2016267960	2020220076	<u>B07C 3/-</u>	2019262477
2017278315	2016267960	2017395023	<u>A62C 35/-</u>	2017397647	2019336870
2018233582	2018210174	2018363880	2019325570	<u>B07C 5/-</u>	2019262477
2019339924	2018266911	2020200995	<u>A62C 37/-</u>	2017231946	2019336870
2020200995	2019274351	2020202866	2019325570	2017397647	<u>B25J 9/-</u>
2020201151	2020202093	<u>A61P 33/-</u>	<u>A63B 5/-</u>	<u>B09B 3/-</u>	2019262477
<u>A61L 15/-</u>	2021202018	2017219613	2018203484	2020260393	2019336870
2017321713	<u>A61P 11/-</u>	<u>A61P 35/-</u>	<u>A63B 57/-</u>	<u>B21C 37/-</u>	<u>B26D 7/-</u>
2017328479	2016397047	2016267960	2018201170	2020203991	2018239825
<u>A61L 24/-</u>	2018257331	2016308286	<u>B01D 17/-</u>	<u>B21D 22/-</u>	2020229050
2017328479	<u>A61P 13/-</u>	2016343851	<u>B01D 21/-</u>	2017303832	<u>B26F 1/-</u>
<u>A61L 27/-</u>	2021202018	2017247008	<u>B01D 29/-</u>	2020229050	<u>B28B 19/-</u>
2017278315	<u>A61P 17/-</u>	2017395023	2018388591	<u>B22D 11/-</u>	<u>B28B 5/-</u>
2017324138	2018302026	2018228114	<u>B01D 35/-</u>	2017282513	2020289880
2019280534	2019274350	2018228555	2017391161	<u>B22D 35/-</u>	<u>B29C 65/-</u>
<u>A61L 29/-</u>	2020202018	2018248706	<u>B01D 53/-</u>	2017282513	2017224048
2020244556	2018302026	2018302026	2019356720	<u>B23K 20/-</u>	2017397647
<u>A61M 1/-</u>	2019274350	2018363880	2019356722	2020229050	2020229050
2017281791	2019274351	2019214183	<u>B01F 25/-</u>	<u>B23K 37/-</u>	<u>B29C 67/-</u>
2017288251	2019280069	2019274351	2021200047	2020257050	2020260393
<u>A61M 16/-</u>	2020244377	2020201555	<u>B01J 20/-</u>	<u>B23P 11/-</u>	<u>B29C 70/-</u>
2017234313	<u>A61P 19/-</u>	2020202752	2016401104	2020203991	2016203289
2017267246	2018302026	2020223657	<u>B01J 8/-</u>	<u>B23Q 7/-</u>	2020210219
2020220076	2019243099	2020223657	2020264359	2018239825	2020233766
<u>A61M 25/-</u>	2015304945	2020244377	<u>B01L 3/-</u>	<u>B24B 5/-</u>	<u>B32B 27/-</u>
2016401010	2016267960	<u>A61P 37/-</u>	2017289187	2017277902	2020229050
2017312323	2016309815	2017219613	2020204526	<u>B25B 13/-</u>	2020233766
2020200732	2016318780	2018363880	<u>B01Q 8/-</u>	<u>B32B 3/-</u>	
2020205209	2016318786	2019214183			
2020244556	2016408304	2019274351			
2020349590	2017231577	2020201555			
<u>A61M 27/-</u>	2018233582	<u>A61P 39/-</u>			
2017310507	2018302026	2016267960			
<u>A61M 29/-</u>	2020201555	2020244377			
2016401010	2020233650	<u>A61P 43/-</u>			
2020205209	2020244377	2018228114			
<u>A61M 31/-</u>	2020267217	<u>A61P 7/-</u>			
2017240763	2021201583	2016267960			
<u>A61M 39/-</u>	<u>A61P 27/-</u>	2020200700			
2016267960	2017274195	2020201555			
	2019274350	2020264278			
	<u>A61P 29/-</u>	<u>A61P 9/-</u>			
	2016267960	2018257331			
		2018302026			
		2020201555			

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2020229050	<u>B64C 39 /-</u>		2017211928	<u>C07C 47 /-</u>	<u>C07H 1 /-</u>
<u>B32B 37 /-</u>	2017250888	<u>B65D 35 /-</u>			
	2019272337	2021263336	<u>B82Y 5 /-</u>	2020264359	2018284131
2020210219	2020279955		2017211928		
<u>B32B 5 /-</u>	<u>B64D 29 /-</u>	<u>B65D 63 /-</u>	<u>C01B 3 /-</u>	<u>C07C 57 /-</u>	<u>C07H 15 /-</u>
		2017206267		2020201555	2018248706
2020233766	2017215294	<u>B65D 75 /-</u>	2019271914	<u>C07C 69 /-</u>	<u>C07H 19 /-</u>
<u>B32B 9 /-</u>	<u>B64D 33 /-</u>	2016345371	<u>C01F 11 /-</u>	2018248706	2018284131
			2017324138	2020201555	2019339924
2020233766	2017215294	<u>B65D 77 /-</u>	<u>C01F 5 /-</u>	<u>C07D 211 /-</u>	<u>C07H 21 /-</u>
<u>B41M 3 /-</u>	<u>B64D 47 /-</u>	2016345371			
			2017301227	2020223736	2016261927
2017375027	2017250888	<u>B65D 88 /-</u>	<u>C02F 1 /-</u>	<u>C07D 213 /-</u>	2020201280
<u>B42D 25 /-</u>	<u>B64F 1 /-</u>	2016256824			2020202093
			2016320401	2018294254	2021201547
2017375027	2020279955	<u>B65D 90 /-</u>	2017313255	<u>C07D 215 /-</u>	<u>C07J 31 /-</u>
2020273504		2016256824	2017318956		
<u>B60K 6 /-</u>	<u>B65B 11 /-</u>		2021200047	2018235446	2021202018
		<u>B65G 39 /-</u>	<u>C02F 9 /-</u>	<u>C07D 239 /-</u>	<u>C07J 33 /-</u>
2017224287	2017397647				
	2019319726	2016342298	2016320401	2018282154	2021202018
<u>B60Q 1 /-</u>	<u>B65B 13 /-</u>	<u>B65G 43 /-</u>	<u>C03B 35 /-</u>	2019243099	<u>C07J 43 /-</u>
2021286246	2019319726	2016365026	2020270519	<u>C07D 277 /-</u>	2021202018
<u>B60S 1 /-</u>	<u>B65B 31 /-</u>	<u>B65G 47 /-</u>	<u>C03B 40 /-</u>		
				2020233650	<u>C07J 9 /-</u>
2017215462	2017397647	2019261540	2020270519	<u>C07D 295 /-</u>	2021202018
<u>B60W 10 /-</u>	<u>B65B 35 /-</u>	<u>B65G 49 /-</u>	<u>C03C 17 /-</u>		
				2018294254	<u>C07K 14 /-</u>
2017224287	2019261540	2019207511	2021236531	<u>C07D 401 /-</u>	2016342380
<u>B60W 20 /-</u>	<u>B65B 41 /-</u>	<u>B65G 59 /-</u>	<u>C04B 28 /-</u>		2016366771
				2016365400	2017211928
2017224287	2017397647	2019261540	2020260393	2017389818	2017219613
	2019319726			2018266911	2017230091
<u>B61B 1 /-</u>	<u>B65B 43 /-</u>	<u>B65G 65 /-</u>	<u>C05F 11 /-</u>	2018302026	2017256910
					2018210174
2016398720	2017397647	2019261540	2017319484	<u>C07D 403 /-</u>	2018216032
<u>B61L 23 /-</u>	<u>B65B 5 /-</u>	<u>B66B 1 /-</u>	<u>C07C 229 /-</u>		2018251957
				2018302026	2018270926
2017315766	2019261540	2021232759	<u>C07D 405 /-</u>		2019214183
<u>B61L 25 /-</u>	<u>B65B 51 /-</u>	<u>B66B 3 /-</u>		2017389818	2019219472
			<u>C07C 237 /-</u>		2019280069
2017315766	2017224048	2021232759	2019332961	<u>C07D 471 /-</u>	2020201190
<u>B61L 29 /-</u>	<u>B65B 57 /-</u>	<u>B66C 13 /-</u>	<u>C07C 27 /-</u>		2020223657
				2017395023	2020264278
2019381748	2017397647	2019207511	<u>C07D 473 /-</u>	2018302026	2020403707
<u>B62B 7 /-</u>	2019319726	<u>B66C 23 /-</u>			
			<u>C07C 29 /-</u>	2017345736	2015392215
2017276154	<u>B65B 59 /-</u>	2019207511			2016249395
<u>B62K 13 /-</u>		2019268668	2020264359	<u>C07D 487 /-</u>	2016290761
					2017230091
2017276154	<u>B65B 65 /-</u>	<u>B66D 1 /-</u>	<u>C07C 31 /-</u>	2017395023	2018216032
				2018228114	2019214183
<u>B64C 1 /-</u>	2017397647	2019410974	2020264359	2018257331	2020201002
					2020204113
2017215294	<u>B65B 7 /-</u>	<u>B66F 9 /-</u>	<u>C07C 317 /-</u>	<u>C07F 5 /-</u>	<u>C07K 19 /-</u>
<u>B64C 27 /-</u>					
	2017224048	2019207511	2017373593	2018228555	2019214183
2017250888	<u>B65D 21 /-</u>	<u>B82Y 40 /-</u>	<u>C07C 45 /-</u>	<u>C07F 9 /-</u>	2019280069
2020279955	2019261540				
			2020264359	2018284131	<u>C07K 5 /-</u>

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2017384673	<u>C09C 1 /-</u>	2016261927	2020201280		<u>E04D 3 /-</u>
<u>C07K 7 /-</u>	2017324138	2017262679	2020202536	<u>D04H 1 /-</u>	2017200910
2017384673	<u>C09D 129 /-</u>	2017319484	2020207865	2016351634	<u>E04F 13 /-</u>
2018210174	2017345733	2019274350	2020244451	<u>D04H 3 /-</u>	2020264333
<u>C08B 37 /-</u>	<u>C09D 163 /-</u>	2019274351	2021286282	2016351634	<u>E04H 4 /-</u>
2016351634	2016428651	2020204065	2021286283	<u>D06F 39 /-</u>	2020201338
<u>C08F 210 /-</u>	<u>C09D 183 /-</u>	2020403707	<u>C12R 1 /-</u>	2020223722	<u>E05B 15 /-</u>
2017318973	2021236531	<u>C12N 15 /-</u>	2019274350	2020223727	2020203429
<u>C08G 63 /-</u>	<u>C09J 175 /-</u>	2015304945	2019274351	<u>D07B 1 /-</u>	2021273315
2017318401	2018313737	2016214244	<u>C13B 30 /-</u>	2017398629	<u>E05B 19 /-</u>
<u>C08J 3 /-</u>	<u>C09K 8 /-</u>	2016261927	<u>C13B 50 /-</u>	<u>D21C 9 /-</u>	2021273315
2016401104	2015411419	2016264193	<u>C22B 1 /-</u>	2016310646	<u>E05B 3 /-</u>
2016428123	2017392503	2016267687	2021203211	<u>D21D 1 /-</u>	2020203429
2017324138	2021200047	2016316027	<u>C22B 15 /-</u>	2016310646	<u>E05B 37 /-</u>
<u>C08J 5 /-</u>	<u>C10G 29 /-</u>	2016342380	2016347691	<u>D21H 11 /-</u>	2019411629
2016428123	2016404249	2017219613	<u>C22B 3 /-</u>	2016310646	<u>E05B 63 /-</u>
<u>C08J 7 /-</u>	<u>C10G 33 /-</u>	2017256910	2016347691	<u>D21H 19 /-</u>	2020203429
2019302814	2019332961	2017308143	2021203211	2019302814	<u>E05B 67 /-</u>
<u>C08K 3 /-</u>	<u>C10G 75 /-</u>	2018263195	<u>C22C 9 /-</u>	<u>E01F 13 /-</u>	2019411629
2021200806	2016368277	2018310134	2017282513	2017206267	<u>E05B 9 /-</u>
<u>C08K 5 /-</u>	<u>C10G 9 /-</u>	2019214183	<u>C22F 1 /-</u>	<u>E01F 9 /-</u>	2021273315
2021200806	2016368277	2019219472	2017282513	2017206267	<u>E06B 9 /-</u>
<u>C08K 9 /-</u>	<u>C10L 1 /-</u>	2019280069	<u>C23C 14 /-</u>	<u>E02D 27 /-</u>	2017298564
2021200806	2017330331	2020201002	2021236531	2017233757	<u>E21B 17 /-</u>
<u>C08L 23 /-</u>	<u>C10L 10 /-</u>	2020201190	<u>C25B 11 /-</u>	<u>E02F 9 /-</u>	2015411930
2017305437	2017330331	2020264278	<u>C25B 13 /-</u>	2020270501	<u>E21B 23 /-</u>
<u>C08L 33 /-</u>	<u>C10L 3 /-</u>	2020403707	2020318538	<u>E04B 1 /-</u>	2017274506
2016428123	2017318956	<u>C12N 5 /-</u>	<u>C25B 15 /-</u>	2018228650	<u>E21B 33 /-</u>
2016428651	<u>C11C 3 /-</u>	2016261927	2020318538	2020205245	2017232238
2021200806	2020201555	2016342380	<u>C25B 9 /-</u>	2020264333	<u>E21B 34 /-</u>
<u>C08L 5 /-</u>	<u>C11D 7 /-</u>	2017308143	2020318538	2021201069	<u>E21B 43 /-</u>
2016351634	2021200047	<u>C12N 9 /-</u>	<u>C40B 20 /-</u>	<u>E04B 5 /-</u>	2017232238
<u>C08L 61 /-</u>	<u>C12M 1 /-</u>	2016261927	2015357573	2018228650	<u>E21B 47 /-</u>
2017305437	2016339998	2016342380	2020264333	<u>E04C 2 /-</u>	2015411419
<u>C08L 67 /-</u>	2017262679	2017308143	2020264333	2020205245	2017232238
2017324138	2017300528	2018251957	<u>C25B 9 /-</u>	2018228650	2017273748
<u>C08L 91 /-</u>	2017347830	2018310134	<u>C40B 40 /-</u>	2020205245	2017274506
2017305437	<u>C12M 3 /-</u>	2019280069	2015357573	<u>E04C 5 /-</u>	<u>E21B 7 /-</u>
<u>C08L 93 /-</u>	2016339998	2020201190	<u>C40B 50 /-</u>	2018228650	2016391066
2017305437	2017262679	<u>C12P 13 /-</u>	2015357573	2020205245	2017246520
<u>C12N 1 /-</u>	2017262679	2018310134	<u>D01F 9 /-</u>	2018228650	2016391066
	2017300528	<u>C12P 19 /-</u>	2016351634	2020205245	
	2017347830	2016351634			
	<u>C12M 1 /-</u>	<u>C12P 21 /-</u>			
	2016339998	2015357573			
	2017262679	2020264278			
	2017300528	2020403707			
	2017347830	<u>C12Q 1 /-</u>			
	<u>C12M 3 /-</u>	2015357573			
	2016339998	2016316027			
	2017262679	2016331058			
	<u>C12N 1 /-</u>	2016331663			
		2019219472			
		2019257320			

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<u>E21C 41 /-</u>	<u>F16J 15 /-</u>	<u>F24S 30 /-</u>	2020203601	2019214183	<u>G02C 7 /-</u>
2017322093	2016258895	2016321918	<u>G01G 13 /-</u>	2019283820	2017226644
<u>E21C 47 /-</u>	2017240636	2016329628	2019300848	2020200297	<u>G02F 1 /-</u>
2017322093	2020318538	<u>F24S 50 /-</u>	<u>G01H 11 /-</u>	2020200668	2017250888
<u>E21D 20 /-</u>	<u>F16K 11 /-</u>	2016329628	2017234374	2020200814	<u>G03G 21 /-</u>
2015411930	2016332061	<u>F24V 30 /-</u>	<u>G01H 17 /-</u>	2020204526	2020244588
<u>F01C 1 /-</u>	<u>F16K 31 /-</u>	2015411419	2020205257	<u>G01P 15 /-</u>	<u>G05B 19 /-</u>
2020233726	2017231946	<u>F25B 39 /-</u>	<u>G01J 3 /-</u>	2020203601	2016365026
<u>F01C 19 /-</u>	<u>F16L 1 /-</u>	2021290221	2017250888	<u>G01R 21 /-</u>	2017397647
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<u>F01C 21 /-</u>	<u>F16L 11 /-</u>	2021290221	<u>G01K 7 /-</u>	<u>G01R 29 /-</u>	2019300182
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<u>F01D 25 /-</u>	<u>F16L 13 /-</u>	2018424233	<u>G01L 21 /-</u>	<u>G01R 31 /-</u>	2021232759
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<u>F01D 5 /-</u>	<u>F16L 23 /-</u>	<u>F25D 23 /-</u>	<u>G01N 1 /-</u>	<u>G01R 33 /-</u>	2017357923
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<u>F02B 53 /-</u>	<u>F16L 5 /-</u>	<u>F25J 1 /-</u>	2020204526	<u>G01S 15 /-</u>	2016287416
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<u>F02F 7 /-</u>	<u>F16M 11 /-</u>	<u>F28D 19 /-</u>	2017289187	<u>G01S 3 /-</u>	2016287416
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<u>F15B 15 /-</u>	<u>F16M 7 /-</u>	<u>F28D 3 /-</u>	2016298564	<u>G01S 5 /-</u>	2021201130
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<u>F16B 39 /-</u>	<u>F17D 1 /-</u>	<u>F28D 9 /-</u>	2020204526	2020204591	2017243870
2020233631	2017305437	2021290221	<u>G01N 29 /-</u>	2020233659	2019379711
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2016376009	2021286246	2017206116	<u>G01N 30 /-</u>	2016318467	2018251560
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<u>F16D 49 /-</u>	<u>F21V 31 /-</u>	<u>F28F 9 /-</u>	2016401104	2016298564	2019384601
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2020200473	2021286246	2018211566	2016241935	<u>G02B 1 /-</u>	2017202113
<u>F24S 23 /-</u>	<u>G01C 15 /-</u>	<u>G01C 15 /-</u>	2016315721	2021236531	2017268643
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<u>F16H 57 /-</u>	2016329628	2020203601	2016401104	2020273504	2018430027
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			2017289187	2017308757	2020202367
			2017384673		2020207867
			2017391161		<u>G06F 30 /-</u>
			2018354528		2020200358

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<u>G06K 19 /-</u>	<u>G07D 7 /-</u>	<u>H01L 35 /-</u>	<u>H02N 11 /-</u>	<u>H04L 51 /-</u>	<u>H04W 52 /-</u>
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<u>G06N 3 /-</u>	<u>G10L 15 /-</u>	<u>H01M 8 /-</u>	<u>H02P 7 /-</u>	<u>H04L 9 /-</u>	<u>H04W 76 /-</u>
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2020233739	2020205257	2017200839	2019351610	2017236196	2017283168
<u>G06Q 50 /-</u>	<u>G16C 10 /-</u>	<u>H01Q 3 /-</u>	<u>H04B 1 /-</u>	<u>H04N 19 /-</u>	<u>H04W 88 /-</u>
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<u>G06Q 99 /-</u>	<u>G16H 30 /-</u>	<u>H01R 13 /-</u>	<u>H04B 10 /-</u>	<u>H04N 21 /-</u>	<u>H04W 92 /-</u>
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<u>G06T 15 /-</u>	<u>H01B 7 /-</u>	<u>H01R 25 /-</u>	<u>H04B 3 /-</u>	<u>H04N 7 /-</u>	<u>H05K 1 /-</u>
2021202282	2017398629	2017266491	2016365026	2017357923	2018214432
<u>G06T 19 /-</u>	<u>H01F 38 /-</u>	<u>H01R 9 /-</u>	<u>H04B 5 /-</u>	<u>H04Q 1 /-</u>	
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2017375027	2018214432	2021200874	2016427904 2018226241 2018421975	2021203630	
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		<u>H02M 5 /-</u>	<u>H04L 47 /-</u>		
		2020260545	2018350102		

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

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 (11) AU-B-2021106130
 (21) 2021106130 (22) 20.08.2021
 (54) Fish Recognition System
 (51) Int. Cl.
 A01K 61/95 (2017.01)
 A22C 25/08 (2006.01)
 G06K 9/62 (2006.01)
 G06N 20/00 (2019.01)
 (45) 07.04.2022
 (72) Wong, Edmond
 (74) Davies Collison Cave Pty Ltd

(71) Sungrow Renewables Development
 Co., Ltd.
 (11) AU-B-2021104643
 (21) 2021104643 (22) 28.07.2021
 (54) Continuous purlin component holder
 and photovoltaic power station holder
 (51) Int. Cl.
 E04C 3/06 (2006.01)
 E04B 1/24 (2006.01)
 E04B 1/58 (2006.01)
 E04B 7/00 (2006.01)
 (31) 202022573097.9 (32) 09.11.20 (33) CN
 (45) 07.04.2022
 (72) WEI, Haifeng; LI, Erbin; XU, Shuang-
 zheng
 (74) FB Rice Pty Ltd

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021261902 **Ecograp Limited** (Dorfner Analysezentrum and Anlagenplanungsgesellschaft mbH)

2021261902 **Ecograp Limited** (Renascor Resources Limited)

Opposition Withdrawn

2017274414 **Cargill, Incorporated** (Nuseed Nutritional Australia Pty Ltd.)

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2015268626	2015270238	2015280326	2015311704
2015311705	2015311707	2015329958	2015338993
2015360420	2015362687	2015363008	2015364602
2015412762	2015418015	2016214978	2016217654
2016218479	2016223336	2016225111	2016225277
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2016385130	2016389173	2016389386	2016396981
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2017205134	2017212147	2017215895	2017218928
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2017306062	2017308914	2017315164	2017317022
2017317600	2017318511	2017318576	2017318610
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2017346858	2017348322	2017350022	2017353417
2017353999	2017354734	2017355743	2017359023
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2018232799	2018234027	2018235447	2018237306
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2021104637	2021104803	2021104837	2021104847
2022100043	2022100045		

Revocation

It is hereby notified that the offer by the Patentee **Novira Therapeutics, Inc.** to surrender Patent 2017290755 which was advertised in the Official Journal of 17.02.2022 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2003212057 Artic Investments S.A. The patent has been assigned to **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN**

2004258482 Sabre GBLB Inc. The patent has been assigned to **Flight Operations Holdings LLC**

2005323613 Samsung Electronics Co., Ltd. The patent has been assigned to **International Semiconductor Group**

2007342305 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2008306846 Laboratorios Del Dr. Esteve, S.A. The patent has been assigned to **TOWA PHARMACEUTICAL EUROPE, S.L.**

2008312721 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2008361558 NDC Corporation The patent has been assigned to **TOUCH ONE CORPORATION**

2009206439 Barrett, Brad The patent has been assigned to **AHV Holdings, LLC**

2009265395 CRISP SENSATION HOLDING SA The patent has been assigned to **Chrip Sensation Technology BV**

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2011206400 CRISP SENSATION HOLDING S.A. The patent has been assigned to **Chrip Sensation Technology BV**

2011286016 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2011356644 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2012209241 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2012231990 Samsung Electronics Co., Ltd. The patent has been assigned to **International Semiconductor Group**

2012248986 Samsung Electronics Co., Ltd. The patent has been assigned to **International Semiconductor Group**

2012260787 Novaliq GmbH The patent has been assigned to **DERMALIQ THERAPEUTICS, INC.**

2012260788 Novaliq GmbH The patent has been assigned to **DERMALIQ THERAPEUTICS, INC.**

2013222262 Luna Innovations Incorporated The patent has been assigned to **Luna Labs USA, LLC**

2013224146 ESTEVE PHARMACEUTICALS, S.A The patent has been assigned to **TOWA PHARMACEUTICAL EUROPE, S.L.**

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2013322364 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2013326309 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

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2014229723 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2014229725 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2015243169 Tate & Lyle Ingredients Americas, LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2015261566 Tate & Lyle Ingredients Americas, LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2015263073 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2015266592 Selane Products, Inc. The patent has been assigned to **R.I.P., LLC**

2015267077 Tate & Lyle Ingredients Americas, LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2016213754 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2016248669 NOK Corporation; Eagle Industry Co., Ltd. The patent has been assigned to **EAGLE INDUSTRY CO., LTD.**

2016325575 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2016329968 Nanjing Chuanghua Safety Technology Co., Ltd. The patent has been assigned to **Jin, Yonghui**

2016354610 Humanscale Corporation The patent has been assigned to **CAPSA SOLUTIONS LLC**

2016362285 Selane Products, Inc. The patent has been assigned to **R.I.P., LLC**

2016371466 Biokine Therapeutics Ltd. The patent has been assigned to **AlonBio Ltd**

2017101791 Newman, Alexander The patent has been assigned to **Tritana Intellectual Property Ltd.**

2017200622 NOVALIQ GMBH The patent has been assigned to **DERMALIQ THERAPEUTICS, INC.**

2017256518 ContiTech Transportbandsysteme GmbH The patent has been assigned to **Loc Performance Products, LLC**

2017260619 Mallinckrodt Hospital Products IP Limited The patent has been assigned to **Mallinckrodt Pharmaceuticals Ireland Limited**

2017348344 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2018206812 Novaliq GmbH The patent has been assigned to **DERMALIQ THERAPEUTICS, INC.**

Assignments Registered

2018352330 Water-Jel Europe LLP The patent has been assigned to **Safeguard Medical Technologies Limited**

2019101650 Enzymomics (H.K.) Limited.; Enzhi (Guangzhou) Pharmaceuticals Limited.; Foshan Intelgen Pharmaceutical Co. Ltd. The patent has been assigned to **EnKang Pharmaceuticals (Guangzhou), Ltd.; Enzymomics (H.K.) Limited.; Foshan Intelgen Pharmaceutical Co. Ltd.**

2019283946 EnKang Pharmaceuticals (Guangzhou), Ltd.; Enzymomics (H.K.) Limited.; Enzhi (Guangzhou) Pharmaceuticals Limited.; Foshan Intelgen Pharmaceutical Co. Ltd. The patent has been assigned to **EnKang Pharmaceuticals (Guangzhou), Ltd.; Enzymomics (H.K.) Limited.; Foshan Intelgen Pharmaceutical Co. Ltd.**

2020286207 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2021101558 Tate & Lyle Ingredients Americas LLC; Tate & Lyle Technology Limited The patent has been assigned to **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC**

2021106166 Tate & Lyle Ingredients Americas LLC The patent has been assigned to **Tate & Lyle Solutions USA LLC**

2021203732 Johnstone, Garrie The patent has been assigned to **Aquatic Energy Pty Ltd**

Mortgages Registered - Section 187, Reg. 19

(The name in the parentheses is that of the mortgagee)

2003203844 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2005297473 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2007217128 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2007245476 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2008306570 Minova International Ltd (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2009329185 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2011202317 Minova International Ltd (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2011244766 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2011340261 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2012322514 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

2012388708 Vald Performance Pty Ltd (Vistara Technology Growth Fund (Canada) IV, LP)

2013394119 Minova International Limited (BZ COMMERCIAL FINANCE DESIGNATED ACTIVITY COMPANY)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

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.

2008274534 **Merck Patent GmbH**

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

For the goods TEPMETKO tepotinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008274670 **Merck Patent GmbH**

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

For the goods TEPMETKO tepotinib

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011343190 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 07 Feb 2022

For the goods RYBELSUS semaglutide

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013234496 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 07 Feb 2022

For the goods RYBELSUS semaglutide

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017204230 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 13 Aug 2009

For the goods REBLOZYL luspatercept

Address for service : Pearce IP Pty Ltd Level 5 20 Bond Street Sydney NSW 2000 AU

2019201307 **Ablynx NV**

The earliest first regulatory approval date provided by the patentee 05 Feb 2020

For the goods CABLIVI caplacizumab

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019204127 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 30 Aug 2021

For the goods REBLOZYL luspatercept

Address for service : Pearce IP Pty Ltd Level 5 20 Bond Street Sydney NSW 2000 AU

2019222789 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 30 Aug 2009

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods REBLOZYL luspatercept

Address for service : Pearce IP Pty Ltd Level 5 20 Bond Street Sydney NSW 2000 AU

Extensions granted

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

2013216870 **PTC Therapeutics, Inc.; F. Hoffmann-La Roche AG**

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

For the goods EVRYSIDI risdiplam

Extension of Term of patent pursuant to Section 77 expires on 02 Jun 2036

2019213332 **Xencor, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Oct 2019

For the goods ULTOMIRIS ravulizumab

Extension of Term of patent pursuant to Section 77 expires on 22 Sep 2033

Corrigenda

In Vol 35 , No 40 , Page(s) 7882 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Bayer Aktiengesellschaft; Compugen Ltd., Application No. 2020271352, under INID (54) correct the title to read Combinations of anti-ILDR2 antibodies and PD-1 antagonists

In Vol 36 , No 10 , Page(s) 1388 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Jongsoo Cho, Application No. 2020376780, under INID (71) correct the applicant name to Jongsoo Cho

In Vol 36 , No 10 , Page(s) 1392 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Duke University, Application No. 2020331968, Under INID (72) add co-inventor ADKAR, Shaunak

In Vol 36 , No 12 , Page(s) 1658 under the heading **Amendments - Application for Amendments** Under the name Kyowa Kirin Co., Ltd., Patent No. 2004277466 correct the date of the statements filed to read 30 Nov 2021 and 22 Feb 2022

In Vol 36 , No 13 , Page(s) 1826 under the heading **Amendments - Amendments Made** Under the name Asia Air Survey Co., Ltd., Application No. 2020350243, under INID (54) correct the title to read SUPER-RESOLUTION STEREOSCOPIC VISUALIZATION PROCESSING SYSTEM AND PROGRAM

In Vol 36 , No 2 , Page(s) 199 under the heading **Amendments - Amendments Made** Under the name Institute of Cotton Research, Chinese Academy of Agricultural Sciences, Application No. 2018407905, under INID (54) correct the title to read Photoperiod-sensitive genic male sterility mutant of upland cotton and use thereof

In Vol 36 , No 3 , Page(s) 305 under the heading **PCT applications that have entered the National Phase - Name Index** Under the

Corrigenda

names Citrix Systems, Inc.; Dounis, L., Application No. 2020356799, under INID (71) remove co-applicant Dounis, L.

In Vol 36 , No 9 , Page(s) 1337 under the heading **Assignments Registered** Under the name Scientific Pest Management (Australia/Pacific), Application No. 2016200561, under INID (71) correct the applicant name to Scientific Pest Management (Australia/Pacific) Pty Ltd.

Specifications Republished

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

2015410062	Beijing JinTai ChengRui Technology Development Co. Ltd.
2018274599	Topadur Pharma AG
2019337282	Intropack Co., Ltd.
2020202332	The University of Nottingham