



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



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## *General Information*

*For Information on the following please see our website [www.ipaustralia.gov.au](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

### **(i) FILING -**

This is the act of making an application. When the application is first filed certain details are published.

### **(ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -**

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

### **(iii) ACCEPTANCE –**

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

### **(iv) OPPOSITION –**

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

### **(v) GRANTING –**

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

### **(vi) CERTIFICATION**

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

## How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want ( eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

## How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018**

All patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

**NOTE:** Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234.

A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

**NOTE:** When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

## Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

The Journal lists the information published in that category in an alphabetical Name Index list based on the name of the applicant. These indices are useful if you wish to find information about applications made by a particular applicant.

In addition to the Name Index there is provided, for each of these categories, a Numerical Index This index lists the applications either in order of their Application Numbers, in the case of complete applications filed and applications OPI, or in order of their Document Number in the case of accepted applications. It provides, for each number, the name of the applicant. These indices are useful if you wish to track the progress of a particular patent application.

There are also IPC Indices provided for applications which are OPI and for applications which have been accepted. IPC stands for International Patent Classification. Each IPC "mark" is an alpha-numerical representation of a particular area of technology. These indices are in order of IPC mark, and within each mark provide either the application numbers of the application which are now OPI or the numbers of the cases now accepted. These indices are useful if you wish to check on patent activity in a particular technology.

## Using the Indices

### 1. To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete applications filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>C) Applications open to public inspection - Name Index</b>		<b>D) Applications accepted - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)

<u>ITEM</u>	<u>INID</u> <u>No.</u>
<b>E) Patents Certified – Name Index</b>	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
Inventors <u>names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.



## 2. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

## 3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

## 'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

### (10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

### (20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

### (30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

### (40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (45) Date of publication by printing or similar process of a document, on which grant or certification has taken place on or before the said date.

**(50) Technical Information**

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

**(60) Reference(s) to other legally related domestic document(s)**

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

**(70) Identification of parties concerned with the document**

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

**(80) Identification of data related to International Conventions other than the Paris Convention**

- (86) PCT Application Number
- (87) PCT Publication Number

**NOTE**

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

**AU-A** = Pre-examination

**AU-B** = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 24 May 2022 .

(71) 545490 Pty. Ltd. (21) 2022901409 (22) 25.05.2022 (54) A stored value card validation system	(71) Aucentra Therapeutics Pty Ltd (21) 2022901432 (22) 27.05.2022 (54) INHIBITORS OF PROTEIN KINASES FOR USE AS ANTI-PROLIFERATIVE AGENTS	(71) Boulos & Cooper Labs Pty Ltd (21) 2022901444 (22) 28.05.2022 (54) TRAY TO REDUCE WATER USAGE, IMPROVE EFFICIENCY AND SAFETY OF WASHING DISHES
(71) Agnieszka Warchalowski (21) 2022901478 (22) 31.05.2022 (54) Combination Therapy	(71) Ausco Modular Pty Limited (21) 2022901453 (22) 30.05.2022 (54) Improvements Relating to Anchorage of Building Modules	(71) Brownfield Engineering and Maintenance Pty Ltd (21) 2022901457 (22) 30.05.2022 (54) Guard device
<b>Alfred Health see Monash University</b> (21) 2022901401	(71) BADIYAL, J.P.; RAWLINSON, J.; CAHILL, P.; HOPKINS, G. (21) 2022901438 (22) 27.05.2022 (54) METHODS AND MATERIALS	(71) BRYAN, B.J. (21) 2022901461 (22) 30.05.2022 (54) A THIN SHEET MATERIAL DISPENSING CORE SYSTEM
(71) Allan, O. (21) 2022901420 (22) 25.05.2022 (54) Miniature Dental Implant	(71) BADIYAL, J.P.; RAWLINSON, J.; CAHILL, P.; HOPKINS, G. (21) 2022901439 (22) 27.05.2022 (54) METHODS AND MATERIALS FOR REDUCING BIOFOULING	<b>CAHILL, P. see BADIYAL, J.P.</b> (21) 2022901438
(71) All G Foods Holdings Pty Limited (21) 2022901459 (22) 30.05.2022 (54) Compositions	(71) Beck, N. (21) 2022901422 (22) 26.05.2022 (54) A METHOD OF MANAGING AN OPIOID WITHDRAWAL SYMPTOM AND COMPOSITIONS FOR USE IN SAME	<b>CAHILL, P. see BADIYAL, J.P.</b> (21) 2022901439
(71) Aluminium Specialties Group Pty Ltd (21) 2022901424 (22) 26.05.2022 (54) Corner stake and roller for a panel assembly	(71) Boretti, A. (21) 2022901413 (22) 25.05.2022 (54) Plug-in hybrid electric vertical take-off and landing aircraft with fuel chemical energy storage for onboard electricity production.	(71) Calix Ltd (21) 2022901433 (22) 27.05.2022 (54) PROCESSES AND METHODS FOR PRODUCTION OF IRON AND STEEL
(71) Apsyrthus Biotechnology Pty Ltd (21) 2022901417 (22) 25.05.2022 (54) Surgical tool and method	(71) Boswellia (21) 2022901408 (22) 25.05.2022 (54) perfume infused sodium polyacrylate balls	(71) Carden, B. (21) 2022901462 (22) 30.05.2022 (54) PROGRAMMABLE LIGHT THERAPY ECOSYSTEM
(71) Apsyrthus Biotechnology Pty Ltd (21) 2022901477 (22) 31.05.2022 (54) Implant Casing		(71) CARDIOBIONIC PTY LTD (21) 2022901404 (22) 24.05.2022 (54) AN APPARATUS AND METHOD FOR TRANSMITTING POWER AND DATA ACROSS THE SKIN TO IMPLANTABLE MEDICAL DEVICES
<b>Arnold, S. see Pashley, R.</b> (21) 2022901405		(71) Charmings Global Pty Ltd (21) 2022901429 (22) 26.05.2022 (54) Desk
(71) Astrup, E. (21) 2022901448 (22) 29.05.2022 (54) Sulforaphane Activation and Stabilisation for Nutraceuticals Extracts		

Provisional Applications Filed - Name Index cont'd

<p>(71) COLEMAN, S.Y.S. (21) 2022901472 (22) 31.05.2022 (54) Garment</p>	<p>(71) Esau, J. (21) 2022901446 (22) 29.05.2022 (54) Bicycle folk plate</p>	<p>(21) 2022901475</p>
<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022901467 (22) 31.05.2022 (54) Lateral Flow Methods for Detection</p>	<p>(71) Foristal, L. (21) 2022901427 (22) 26.05.2022 (54) Apparatus for use with a concrete grinding tool</p>	<p>(71) Martin, S. (21) 2022901407 (22) 25.05.2022 (54) EMESIS CONTAINER</p>
<p>(71) Cripps Clark, J. (21) 2022901447 (22) 29.05.2022 (54) ProTic8 - Disclosed are systems of devices, architectures and methods for systemizing, facilitating protection and for authentication of digital assets so that advanced digital technology including block chain most simply supports high quality operations according to standards, national regulation and international agreements.</p>	<p>(71) Funky Monkey Bars Pty Ltd (21) 2022901399 (22) 24.05.2022 (54) Monkey bar joiner</p>	<p>(71) Mathews, N. (21) 2022901410 (22) 24.05.2022 (54) Variable Size Cars</p>
<p>(71) C Sea Solutions Pty Ltd (21) 2022901400 (22) 24.05.2022 (54) Process to Produce Polyhydroxyalkanoates from Seaweed</p>	<p>(71) Griffith University (21) 2022901434 (22) 27.05.2022 (54) Biomarkers of fibrosis and uses therefor</p>	<p>(71) MOHIDEEN, F. (21) 2022901437 (22) 27.05.2022 (54) Automated drilling arrangement</p>
<p>(71) CSL Behring (Australia) Pty Ltd (21) 2022901436 (22) 27.05.2022 (54) Method of separating solids from a solution derived from plasma</p>	<p>(71) Hawthorne Holdings Pty Ltd (21) 2022901471 (22) 31.05.2022 (54) CLIP HOLDER</p>	<p>(71) Monash University; Alfred Health (21) 2022901401 (22) 24.05.2022 (54) Biomarkers for allergen immunotherapy</p>
<p>(71) Cyber Wonderland Pty Ltd (21) 2022901414 (22) 25.05.2022 (54) Cybersecurity Training Systems and Methods Thereof</p>	<p>HOPKINS, G. see BADYAL, J.P. (21) 2022901438</p>	<p>(71) NewSouth Innovations Pty Limited (21) 2022901443 (22) 27.05.2022 (54) A piezo photocatalytic process for the production of hydrogen from water</p>
<p>(71) Di Varo, J. (21) 2022901449 (22) 30.05.2022 (54) Tie Caps and Hats - Adjustable baseball cap</p>	<p>HOPKINS, G. see BADYAL, J.P. (21) 2022901439</p>	<p>(71) Nnamulwani Creative Collective (21) 2022901464 (22) 31.05.2022 (54) System and Method for Recognition of Visual, Auditory, and Movement Stimuli in Immersive XR (VR/AR) Simulations, for Educational Collaboration within Creative Industries Subjects (Visual Arts and Dance)</p>
<p>(71) Di Varo, J. (21) 2022901450 (22) 30.05.2022 (54) Electronic Process Challenge Device (ePCD)</p>	<p>(71) Hydrogen Systems Australia Pty Ltd (21) 2022901456 (22) 30.05.2022 (54) Methods and apparatus for producing hydrogen</p>	<p>(71) NPE IP PTY LTD (21) 2022901455 (22) 30.05.2022 (54) A WASTE MANAGEMENT APPARATUS AND ASSOCIATED METHOD</p>
<p>(71) Elson, P. (21) 2022901428 (22) 26.05.2022 (54) internal post for a retaining wall</p>	<p>(71) Innovgas Pty Ltd (21) 2022901406 (22) 24.05.2022 (54) INTUBATION CATHETER APPARATUS</p>	<p>(71) NTHALMIC HOLDING PTY LTD (21) 2022901470 (22) 31.05.2022 (54) An Asymmetrically Apodised Contact Lens for Myopia Management</p>
<p>(71) Emergency Warning Systems LTD (21) 2022901402 (22) 24.05.2022 (54) MASS COMMUNICATION SYSTEM</p>	<p>(71) Lemanis Organic Pty Ltd (21) 2022901476 (22) 31.05.2022 (54) Propionic acid production in bacterial culture supernatants and uses thereof</p>	<p>(71) Nyrada Inc. (21) 2022901442 (22) 27.05.2022 (54) Neuroprotective compounds and their uses</p>
<p>(71) English, R. (21) 2022901466 (22) 27.05.2022 (54) T Drive JP Series</p>	<p>(71) Lewis Australia Pty Ltd (21) 2022901421 (22) 26.05.2022 (54) An Improved Thermal Lance</p>	<p>(71) Opsel Pty Ltd (21) 2022901412 (22) 25.05.2022 (54) BREATHING ASSISTANCE APPARATUS</p>
<p>Malaysia Automotive Robotics And IoT Institute see University of South Australia</p>	<p>(71) Mackay Sim, R. (21) 2022901419 (22) 25.05.2022 (54) Recess former and anchor assembly</p>	<p>(71) Pace, R. (21) 2022901469 (22) 31.05.2022 (54) A hearing aid insertion tool</p>
	<p>(71) Pashley, R.; Arnold, S. (21) 2022901405 (22) 24.05.2022 (54) Solar concentrator and collimator</p>	

Provisional Applications Filed - Name Index cont'd

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(71) Psylo Pty Ltd  
 (21) 2022901458 (22) 30.05.2022  
 (54) Compounds

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(71) PYC Therapeutics Limited  
 (21) 2022901418 (22) 25.05.2022  
 (54) COMPOSITIONS AND METHOD FOR TREATMENT OF KIDNEY DISEASE 2

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(71) Quantum Bodies IP Pty Ltd  
 (21) 2022901445 (22) 29.05.2022  
 (54) Self-loading Assembly and Vehicle including such Self-loading Assembly

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**RAWLINSON, J. see BADYAL, J.P.**  
 (21) 2022901438

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**RAWLINSON, J. see BADYAL, J.P.**  
 (21) 2022901439

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(71) ResMed Pty Ltd  
 (21) 2022901423 (22) 26.05.2022  
 (54) VENT AND VALVE IMPROVEMENTS FOR PATIENT INTERFACES

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(71) Ross Faulkner Pty. Limited  
 (21) 2022901479 (22) 31.05.2022  
 (54) Sports Training Device

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(71) Royal Melbourne Institute of Technology  
 (21) 2022901426 (22) 26.05.2022  
 (54) Lipid Nanocarrier Vaccine

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(71) SCHNYDER, S.  
 (21) 2022901430 (22) 26.05.2022  
 (54) CONVERTIBLE SOLE ASSEMBLY, HEEL, AND CONVERTIBLE SHOE KIT

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(71) Servatus Ltd  
 (21) 2022901468 (22) 31.05.2022  
 (54) Treatment of bacterial infections

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(71) Spring Loaded and Locked Pty Ltd  
 (21) 2022901425 (22) 26.05.2022  
 (54) Shipping container twist-lock

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(71) Steribright Pty Ltd  
 (21) 2022901473 (22) 31.05.2022  
 (54) A Sterilisation Device

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(71) Steribright Pty Ltd  
 (21) 2022901474 (22) 31.05.2022  
 (54) METHOD AND SYSTEM FOR IMPROVED CONTROL OF INDOOR AIR QUALITY AND SURFACE AND AIR STERILIZATION

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(71) Talon Engineering SDN. BHD.  
 (21) 2022901416 (22) 25.05.2022  
 (54) Attachment of a heel shroud

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(71) The University of Adelaide  
 (21) 2022901452 (22) 30.05.2022  
 (54) CALCINATION APPARATUS AND PROCESSES

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(71) The University of Adelaide  
 (21) 2022901460 (22) 30.05.2022  
 (54) METHOD AND SYSTEM FOR ASSESSING PIPELINE CONDITION

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(71) The University of Melbourne  
 (21) 2022901454 (22) 30.05.2022  
 (54) Secure electronic circuit

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(71) The University of Queensland  
 (21) 2022901411 (22) 25.05.2022  
 (54) STEERABLE FLAT PANEL ANTENNAS FOR SATELLITE COMMUNICATIONS

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(71) The University of Sydney  
 (21) 2022901415 (22) 25.05.2022  
 (54) Method and system of detecting arrhythmia

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(71) Timco1 Pty Ltd  
 (21) 2022901463 (22) 30.05.2022  
 (54) Soap Holder

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(71) trist, s.  
 (21) 2022901403 (22) 24.05.2022  
 (54) New Billiard Table Game – 'Central and Perimeter Ball Game'

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(71) Tye, J.B.  
 (21) 2022901465 (22) 31.05.2022  
 (54) WEARABLE BLOOD GLUCOSE DETECTION AND MANAGEMENT DEVICE

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(71) University of South Australia; Malaysia Automotive Robotics And IoT Institute  
 (21) 2022901475 (22) 31.05.2022  
 (54) COATED ARTICLES WITH A LOW-E COATING AND/OR A HARD COAT

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(71) University of Tasmania  
 (21) 2022901435 (22) 27.05.2022  
 (54) 3D print and shrink technique for ceramic microfabrication

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(71) Vayeron Technologies Pty Ltd  
 (21) 2022901451 (22) 30.05.2022  
 (54) WIRELESS ACQUISITION DEVICE FOR REAL-TIME DIMENSIONAL MONITORING OF HIGH VALUE ASSETS AND METHODS THEREOF

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(71) VivaZome Therapeutics Pty Ltd  
 (21) 2022901441 (22) 27.05.2022  
 (54) Extracellular vesicles

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(71) Xero Limited  
 (21) 2022901440 (22) 27.05.2022  
 (54) Methods and systems for predicting cash flow

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Numerical Index

<b>2022901399</b>	Funky Monkey Bars Pty Ltd	<b>2022901465</b>	Tye, J.B.
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<b>2022901401</b>	Monash University; Alfred Health	<b>2022901467</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2022901402</b>	Emergency Warning Systems LTD	<b>2022901468</b>	Servatus Ltd
<b>2022901403</b>	trist, s.	<b>2022901469</b>	Pace, R.
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<b>2022901405</b>	Pashley, R.; Arnold, S.	<b>2022901471</b>	Hawthorne Holdings Pty Ltd
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<b>2022901409</b>	545490 Pty. Ltd.	<b>2022901475</b>	University of South Australia; Malaysia Automotive Robotics And IoT Institute
<b>2022901410</b>	Mathews, N.	<b>2022901476</b>	Lemanis Organic Pty Ltd
<b>2022901411</b>	The University of Queensland	<b>2022901477</b>	Apsyrtus Biotechnology Pty Ltd
<b>2022901412</b>	Opsel Pty Ltd	<b>2022901478</b>	Agnieszka Warchalowski
<b>2022901413</b>	Boretti, A.	<b>2022901479</b>	Ross Faulkner Pty. Limited
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<b>2022901421</b>	Lewis Australia Pty Ltd		
<b>2022901422</b>	Beck, N.		
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<b>2022901424</b>	Aluminium Specialties Group Pty Ltd		
<b>2022901425</b>	Spring Loaded and Locked Pty Ltd		
<b>2022901426</b>	Royal Melbourne Institute of Technology		
<b>2022901427</b>	Foristal, L.		
<b>2022901428</b>	Elson, P.		
<b>2022901429</b>	Charmings Global Pty Ltd		
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<b>2022901431</b>	Lam, T.T.		
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<b>2022901434</b>	Griffith University		
<b>2022901435</b>	University of Tasmania		
<b>2022901436</b>	CSL Behring (Australia) Pty Ltd		
<b>2022901437</b>	MOHIDEEN, F.		
<b>2022901438</b>	BADYAL, J.P.; RAWLINSON, J.; CAHILL, P.; HOPKINS, G.		
<b>2022901439</b>	BADYAL, J.P.; RAWLINSON, J.; CAHILL, P.; HOPKINS, G.		
<b>2022901440</b>	Xero Limited		
<b>2022901441</b>	VivaZome Therapeutics Pty Ltd		
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<b>2022901446</b>	Esau, J.		
<b>2022901447</b>	Cripps Clark, J.		
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<b>2022901452</b>	The University of Adelaide		
<b>2022901453</b>	Ausco Modular Pty Limited		
<b>2022901454</b>	The University of Melbourne		
<b>2022901455</b>	NPE IP PTY LTD		
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<b>2022901457</b>	Brownfield Engineering and Maintenance Pty Ltd		
<b>2022901458</b>	Psylo Pty Ltd		
<b>2022901459</b>	All G Foods Holdings Pty Limited		
<b>2022901460</b>	The University of Adelaide		
<b>2022901461</b>	BRYAN, B.J.		
<b>2022901462</b>	Carden, B.		
<b>2022901463</b>	Timco1 Pty Ltd		
<b>2022901464</b>	Nnamulwani Creative Collective		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 24 May 2022 .

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

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(71) 2D Fluidics Pty Ltd  
 (21) 2022203592 (22) 26.05.2022  
 (54) PROCESSES FOR CONTROLLING STRUCTURE AND/OR PROPERTIES OF CARBON AND BORON NANOMATERIALS  
 (62) 2017358399

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(71) 4D Molecular Therapeutics Inc.  
 (21) 2022203494 (22) 23.05.2022  
 (54) Adeno-Associated Virus Variant Capsids And Use For Inhibiting Angiogenesis  
 (62) 2018372235

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(71) Abbott Diabetes Care Inc.  
 (21) 2022203502 (22) 24.05.2022  
 (54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems  
 (62) 2019280830

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**Academia Sinica see National Health Research Institutes**  
 (21) 2022203580

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(71) Acentium Inc.  
 (21) 2022203527 (22) 24.05.2022  
 (54) Methods and systems for ranking, filtering and patching detected vulnerabilities in a networked system  
 (62) 2017347895

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(71) Advanced Bariatric Technology, LLC  
 (21) 2022203505 (22) 24.05.2022  
 (54) Bariatric clamp with suture portions, magnetic inserts and curvature  
 (62) 2020200090

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(71) Alnylam Pharmaceuticals, Inc.  
 (21) 2022203571 (22) 26.05.2022  
 (54) CARBOHYDRATE CONJUGATES AS DELIVERY AGENTS FOR OLIGONUCLEOTIDES  
 (62) 2020203054

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(71) Amicus Therapeutics, Inc.  
 (21) 2022203498 (22) 24.05.2022  
 (54) Highly potent acid alpha-glucosidase with enhanced carbohydrates  
 (62) 2015325028

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(71) Angel Group Co., Ltd.  
 (21) 2022203578 (22) 26.05.2022  
 (54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES  
 (62) 2020201881

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(71) AOC, LLC  
 (21) 2022203461 (22) 23.05.2022  
 (54) Non-leaching styrene-free cured-in-place pipe system suitable for potable water applications  
 (62) 2019225685

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(71) Apple Inc.  
 (21) 2022203508 (22) 24.05.2022  
 (54) User interfaces for health applications  
 (62) 2020239740

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(71) Apple Inc.  
 (21) 2022203512 (22) 24.05.2022  
 (54) Application menu for video system  
 (62) 2020204102

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(71) Apple Inc.  
 (21) 2022203561 (22) 26.05.2022  
 (54) Multi-user configuration  
 (62) 2020285521

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(71) Arbutus Biopharma Corporation  
 (21) 2022203475 (22) 23.05.2022  
 (54) LIPID CONTAINING FORMULATIONS  
 (62) 2020202816

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(71) Arcus Biosciences, Inc.  
 (21) 2022203515 (22) 24.05.2022  
 (54) Azolopyrimidine for the treatment of cancer-related disorders  
 (62) 2018210272

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(71) Arrowhead Pharmaceuticals, Inc.  
 (21) 2022203490 (22) 23.05.2022  
 (54) ORGANIC COMPOSITIONS TO TREAT EPAS1-RELATED DISEASES  
 (62) 2020201617

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(71) Avery Dennison Corporation  
 (21) 2022203488 (22) 23.05.2022

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(54) Ink jet print method with integrated spot color and process color  
 (62) 2020202430

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(71) Bank of Hangzhou Consumer Finance Co Ltd  
 (21) 2022203533 (22) 25.05.2022  
 (54) Page testing method and system based on image recognition  
 (31) CN202111461243.1(32) 03.12.21 (33) CN

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(71) Bank of Hangzhou Consumer Finance Co Ltd  
 (21) 2022203534 (22) 25.05.2022  
 (54) Anti-fraud identification method and system based on abnormal movement  
 (31) CN20211104923.8(32) 22.09.21 (33) CN

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**Beckman, C. see Dhawan, S.**  
 (21) 2022203531

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(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (21) 2022203496 (22) 24.05.2022  
 (54) PROCESSING METHOD AND APPARATUS FOR QUANTUM CIRCUIT, ELECTRONIC DEVICE, AND STORAGE MEDIUM  
 (31) 202110796240.7 (32) 14.07.21 (33) CN

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(71) Beijing Microlive Vision Technology Co., Ltd  
 (21) 2022203591 (22) 26.05.2022  
 (54) METHOD AND APPARATUS FOR SWITCHING DISPLAY INTERFACE, AND ELECTRONIC DEVICE  
 (62) 2018436132

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(71) Berkeley Lights, Inc.  
 (21) 2022203587 (22) 26.05.2022  
 (54) Microfluidic devices for optically-driven convection and displacement, kits and methods thereof  
 (62) 2016381833

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(71) Caterpillar Inc.  
 (21) 2022203548 (22) 25.05.2022  
 (54) Corrosion preventative film  
 (62) 2016362218

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(71) CATERPILLAR INC.  
 (21) 2022203511 (22) 24.05.2022

Complete Applications Filed - Name Index cont'd

(54) CABLE HANDLING SYSTEM FOR LONGWALL MINING MACHINES  
(31) 2108671.5 (32) 17.06.21 (33) GB

(71) Celularity Inc.  
(21) 2022203581 (22) 26.05.2022  
(54) Natural killer cells from placenta  
(62) 2020203463

(71) Cepheid  
(21) 2022203553 (22) 25.05.2022  
(54) EXPONENTIAL BASE-GREAT-ER-THAN-2 NUCLEIC ACID AMPLIFICATION  
(62) 2015362617

(71) CH Biotech R&D Co., Ltd.  
(21) 2022203539 (22) 25.05.2022  
(54) Composition for Enhancing Plant Growth  
(31) 63/209,581 (32) 11.06.21 (33) US

(71) Chevron U.S.A. Inc.  
(21) 2022203552 (22) 25.05.2022  
(54) Multiplexing apparatus for measuring air flow and air temperature  
(31) 17/331,034 (32) 26.05.21 (33) US

(71) Chuang-Kang Machinery Technology Co., Ltd.  
(21) 2022203562 (22) 26.05.2022  
(54) Coffee Grinder  
(31) 111203945 (32) 18.04.22 (33) TW

(71) Chugai Seiyaku Kabushiki Kaisha  
(21) 2022203585 (22) 26.05.2022  
(54) Modified antibody constant region  
(62) 2020202383

(71) Citrix Systems, Inc.  
(21) 2022203573 (22) 26.05.2022  
(54) Computer system providing hierarchical display remoting optimized with user and system hints and related methods  
(62) 2019262610

(71) Clean Crop Technologies, Inc.  
(21) 2022203545 (22) 25.05.2022  
(54) SYSTEM AND METHOD FOR TREATMENT OF FOOD WITH A GAS  
(31) 63/195,415 (32) 01.06.21 (33) US  
63/291,756 20.12.21 US  
17/590,929 02.02.22 US

(71) Coglitore, C.  
(21) 2022203462 (22) 23.05.2022  
(54) STOCKPAY  
(31) 2021901540 (32) 24.05.21 (33) AU

(71) Corteva Agriscience LLC  
(21) 2022203464 (22) 23.05.2022

(54) Pest control system and method of operating same  
(62) 2020281085

(71) CRRC QIQIHAR ROLLING STOCK CO., LTD.  
(21) 2022203530 (22) 24.05.2022  
(54) Railway vehicle, coupler, and coupler body thereof  
(62) 2019296795

(71) Daiichi Sankyo Company, Limited  
(21) 2022203560 (22) 26.05.2022  
(54) ANTIBODY-DRUG CONJUGATE  
(62) 2020200548

(71) Dart Industries Inc.  
(21) 2022203568 (22) 26.05.2022  
(54) PORTION DISPENSING CONTAINER  
(31) 17/381,765 (32) 21.07.21 (33) US

(71) Dexcom, Inc.  
(21) 2022203497 (22) 24.05.2022  
(54) Systems and methods for display device and sensor electronics unit communication  
(62) 2020250184

(71) Dexcowin Co., Ltd.  
(21) 2022203523 (22) 24.05.2022  
(54) Apparatus for marking irradiation area for hand-held x-ray device  
(31) 17/329,540 (32) 25.05.21 (33) US

**Dhawan, K. see Dhawan, S.**  
(21) 2022203531

(71) Dhawan, S.; Dhawan, K.; Reutter, D.; Beckman, C.; Memon, A.  
(21) 2022203531 (22) 25.05.2022  
(54) REAL-TIME SPEECH-TO-SPEECH GENERATION (RSSG) APPARATUS, METHOD AND A SYSTEM THEREFORE  
(31) 17/645,973 (32) 24.12.21 (33) US

(71) E.S ARBUCKLE & R ARBUCKLE  
(21) 2022203547 (22) 25.05.2022  
(54) Support frame for a container  
(31) 2021901574 (32) 26.05.21 (33) AU

(71) Elementum 3D, Inc.  
(21) 2022203556 (22) 25.05.2022  
(54) Reactive additive manufacturing  
(62) 2020256450

(71) Eli Lilly and Company  
(21) 2022203583 (22) 26.05.2022  
(54) Status sensing systems within an injection device assembly  
(62) 2019351804

(71) Eli Lilly and Company  
(21) 2022203584 (22) 26.05.2022  
(54) Status sensing systems within an injection device assembly  
(62) 2019351804

(71) Epitech Group S.p.A.  
(21) 2022203519 (22) 24.05.2022  
(54) COMPOSITION OF ACYLETHANOLAMIDES FROM OLIVE OIL FATTY ACIDS  
(31) 102021000014006 (32) 28.05.21 (33) IT

(71) Frumar, J.  
(21) 2022203485 (22) 23.05.2022  
(54) Modular framing system  
(31) 2021901608 (32) 28.05.21 (33) AU

(71) G1 Therapeutics, Inc.; The Board of Trustees of the University of Illinois  
(21) 2022203554 (22) 25.05.2022  
(54) Combination therapy for the treatment of cancer  
(62) 2018205262

(71) GE Energy Power Conversion Technology Limited  
(21) 2022203555 (22) 25.05.2022  
(54) SELF-RECONFIGURABLE, ADAPT-ABLE POWER ELECTRONICS BUILDING BLOCK (A-PEBB)  
(31) 17/358,059 (32) 25.06.21 (33) US

(71) Genentech, Inc.  
(21) 2022203501 (22) 24.05.2022  
(54) Therapeutic and diagnostic methods for cancer  
(62) 2016262074

(71) Global Esprit Inc.  
(21) 2022203595 (22) 26.05.2022  
(54) SWIMMING GOGGLES  
(31) 111202756 (32) 18.03.22 (33) TW

(71) Grivakis, T.  
(21) 2022203483 (22) 23.05.2022  
(54) An Adjustable Exercise Apparatus  
(31) 2021901516 (32) 21.05.21 (33) AU  
2021902768 25.08.21 AU

(71) H. Lundbeck A/S  
(21) 2022203543 (22) 25.05.2022  
(54) Methods of treating inflammation or neuropathic pain  
(62) 2020213382

(71) Illinois Tool Works Inc.  
(21) 2022203510 (22) 24.05.2022



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(54) Floating connection between a structural member and a wall member in a building structure  
(62) 2016277837

(71) Implantica Patent Ltd  
(21) 2022203528 (22) 24.05.2022  
(54) A Method And Apparatus For Supplying Energy To A Medical Device  
(62) 2020233767

(71) Index Systems, Inc.  
(21) 2022203463 (22) 23.05.2022  
(54) Managed EMV kernel for faster processing  
(62) 2020257022

(71) INGURAN, LLC  
(21) 2022203542 (22) 25.05.2022  
(54) LIGHT COLLECTION FROM OBJECTS WITHIN A FLUID COLUMN  
(62) 2019345236

(71) INSTITUTE OF SOIL SCIENCE, CHINESE ACADEMY OF SCIENCES  
(21) 2022203535 (22) 25.05.2022  
(54) METHOD FOR IDENTIFYING STRATIGRAPHIC STRUCTURES IN RED SOIL AREA BASED ON SHALLOW SEISMIC REFRACTION WAVE METHOD  
(31) 2021113923452 (32) 23.11.21 (33) CN

Institut National de la Recherche Agronomique (IRNA) see Institut Pasteur  
(21) 2022203465

(71) Institut Pasteur; Institut National de la Recherche Agronomique (IRNA); The United States of America, as represented by the Secretary of Agriculture  
(21) 2022203465 (22) 23.05.2022  
(54) Antigenic tripeptides derived from Mycobacterium avium subsp. paratuberculosis S-type strains, derivatives and uses thereof  
(62) 2017384673

(71) Intuit Inc.  
(21) 2022203574 (22) 26.05.2022  
(54) Smart navigation  
(31) 63/193,139 (32) 26.05.21 (33) US  
17/663,976 18.05.22 US

(71) ITI (Australia) Pty Ltd  
(21) 2022203537 (22) 25.05.2022  
(54) Decking Fastener Assembly  
(31) 2021901816 (32) 17.06.21 (33) AU

(71) J.P. Sauer & Sohn Maschinenbau GmbH  
(21) 2022203586 (22) 26.05.2022

(54) COMPRESSOR WITH A MAGNETIC COUPLING AND METHOD FOR ASSEMBLING A MAGNETIC COUPLING OF A COMPRESSOR AND ASSOCIATED ASSEMBLY DEVICE  
(31) 10 2021 205 524.9 (32) 31.05.21 (33) DE

(71) Japan Tobacco Inc.; LEO Pharma A/S  
(21) 2022203506 (22) 24.05.2022  
(54) PROCESS FOR PREPARING 7H-PYRROLO[2,3-d]PYRIMIDINE DERIVATIVES AND SYNTHETIC INTERMEDIATES THEREOF  
(62) 2017384317

Katholieke Universiteit Leuven see Takeda Pharmaceutical Company Limited  
(21) 2022203572

(71) King Technology Inc  
(21) 2022203577 (22) 26.05.2022  
(54) FLOATING DISPENSER HOLDER  
(31) 17/300,650 (32) 09.09.21 (33) US

(71) Kite Pharma, Inc.  
(21) 2022203558 (22) 26.05.2022  
(54) Chimeric polypeptides and uses thereof  
(62) 2018338192

(71) LEITH-Wybro, P.  
(21) 2022203565 (22) 26.05.2022  
(54) Multi Investor Strata Title Solar Farm [MISTSF]  
(31) 2022901019 (32) 15.04.22 (33) AU

LEO Pharma A/S see Japan Tobacco Inc.  
(21) 2022203506

(71) LG ELECTRONICS INC.  
(21) 2022203579 (22) 26.05.2022  
(54) Method for controlling washing machine  
(62) 2018394999

(71) LG ELECTRONICS INC.  
(21) 2022203593 (22) 26.05.2022  
(54) Vacuum adiabatic body and refrigerator  
(62) 2018384445

(71) Liu, M.  
(21) 2022203524 (22) 24.05.2022  
(54) CIGARETTE SMOKE ALARM DEVICE FOR NON-SMOKING SPACE  
(31) 111204958 (32) 13.05.22 (33) TW

LIU, Y. see LIU, C.  
(21) 2022203500

(71) LIU, C.; LIU, Y.  
(21) 2022203500 (22) 24.05.2022

(54) Braking Mechanism of a Wheeled Device

(71) LSM Technologies Pty Ltd  
(21) 2022203520 (22) 24.05.2022  
(54) AIR MIXING PLENUM, SYSTEM AND METHOD  
(31) 2021901528 (32) 24.05.21 (33) AU

(71) Lundbeck La Jolla Research Center, Inc.  
(21) 2022203557 (22) 25.05.2022  
(54) Dual MAGL and FAAH inhibitors  
(62) 2018236161

(71) MASAU PTY LTD  
(21) 2022203546 (22) 25.05.2022  
(54) SPORTING FOOTWEAR  
(62) 2016363119

Memon, A. see Dhawan, S.  
(21) 2022203531

(71) Microbial Screening Technologies Pty Ltd  
(21) 2022203551 (22) 25.05.2022  
(54) Probiotic compositions  
(62) 2021202114

(71) Mitsubishi Chemical Corporation  
(21) 2022203499 (22) 24.05.2022  
(54) Ammonia separation method and zeolite  
(62) 2018286313

(71) MKPro Engineering Pty Ltd  
(21) 2022203564 (22) 26.05.2022  
(54) Reactor for nanoparticle synthesis

(71) Molecular Templates, Inc.  
(21) 2022203538 (22) 25.05.2022  
(54) Shiga toxin a subunit effector polypeptides, Shiga toxin effector scaffolds, and cell-targeting molecules for site-specific conjugation  
(62) 2017373962

(71) National Health Research Institutes; Academia Sinica  
(21) 2022203580 (22) 26.05.2022  
(54) Methods of Increasing Cell Phagocytosis  
(31) 63/245,540 (32) 17.09.21 (33) US

(71) Nektar Therapeutics; Nektar Therapeutics (India) Pvt. Ltd.  
(21) 2022203550 (22) 25.05.2022  
(54) IL-2Rbeta-selective agonists in combination with an anti-CTLA-4 antibody or an anti-PD-1 antibody  
(62) 2020213296

Complete Applications Filed - Name Index cont'd

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**Nektar Therapeutics (India) Pvt. Ltd. see Nektar Therapeutics**  
**(21)** 2022203550

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**(71)** Nevro Corp.  
**(21)** 2022203559 **(22)** 26.05.2022  
**(54)** SELECTIVE HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN, INCLUDING CEPHALIC AND/OR TOTAL BODY PAIN WITH REDUCED SIDE EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS  
**(62)** 2020203581

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**(71)** Nokia Technologies Oy  
**(21)** 2022203487 **(22)** 23.05.2022  
**(54)** On the usage of control resources for data transmission  
**(62)** 2017306778

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**(71)** Nutramax Laboratories, Inc.  
**(21)** 2022203570 **(22)** 26.05.2022  
**(54)** Compositions comprising magnolia, phellodendron, theanine and/or whey protein  
**(62)** 2016317046

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**(71)** Oy Forcit AB  
**(21)** 2022203517 **(22)** 24.05.2022  
**(54)** A DETONATOR HOLDER AND A METHOD FOR INSTALLING A DETONATOR TO AN EXPLOSIVE  
**(31)** 20215629 **(32)** 28.05.21 **(33)** FI

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**(71)** PayPal, Inc.  
**(21)** 2022203509 **(22)** 24.05.2022  
**(54)** Using ephemeral URL passwords to deter high-volume attacks  
**(62)** 2019336757

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**(71)** Pharmazen Limited  
**(21)** 2022203492 **(22)** 23.05.2022  
**(54)** IMPROVED MANUFACTURING PROCESS AND PRODUCTS THEREFROM, AND COMPONENTS THEREFOR

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**(71)** Plastic Solutions Australia Pty Ltd  
**(21)** 2022203491 **(22)** 23.05.2022  
**(54)** Grout Tube and Support Stand  
**(31)** 2021901564 **(32)** 25.05.21 **(33)** AU

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**(71)** Plastic Solutions Australia Pty Ltd  
**(21)** 2022203589 **(22)** 26.05.2022  
**(54)** Coupling Device for Concrete Elements  
**(31)** 2021901637 **(32)** 01.06.21 **(33)** AU

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**(71)** PRODUITS BIO SUN INC.  
**(21)** 2022203532 **(22)** 25.05.2022

**(54)** Herbal compositions and methods for the prevention and treatment of plant or nail infections

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**(71)** PTC Therapeutics MP, Inc.  
**(21)** 2022203481 **(22)** 23.05.2022  
**(54)** Polymorphs of sepiapterin and salts thereof  
**(62)** 2017366879

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**(71)** Purdue Pharma L.P.  
**(21)** 2022203536 **(22)** 25.05.2022  
**(54)** SLEEP DISORDER TREATMENT AND PREVENTION  
**(62)** 2019212435

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**(71)** Q30 Sports Science, LLC  
**(21)** 2022203468 **(22)** 23.05.2022  
**(54)** Methods and devices to reduce damaging effects of concussive or blast forces on a subject  
**(62)** 2017225764

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**(71)** Raven Industries, Inc.  
**(21)** 2022203569 **(22)** 26.05.2022  
**(54)** AGRICULTURAL CONTROL AND INTERFACE SYSTEM  
**(62)** 2019299980

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**Reutter, D. see Dhawan, S.**  
**(21)** 2022203531

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**(71)** Ricoh Company, Limited  
**(21)** 2022203590 **(22)** 26.05.2022  
**(54)** Toner Container, Process Cartridge, And Image Forming Apparatus  
**(62)** 2021200089

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**(71)** Salk Institute for Biological Studies  
**(21)** 2022203504 **(22)** 24.05.2022  
**(54)** ONCOLYTIC TUMOR VIRUSES AND METHODS OF USE  
**(62)** 2015320665

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**(71)** Schneider Electric Industries SAS  
**(21)** 2022203513 **(22)** 24.05.2022  
**(54)** INDUSTRIAL SOFTWARE DEFINED NETWORKING ARCHITECTURE FOR DEPLOYMENT IN A SOFTWARE DEFINED AUTOMATION SYSTEM  
**(62)** 2017307345

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**(71)** Selecta Biosciences, Inc.  
**(21)** 2022203540 **(22)** 25.05.2022  
**(54)** METHODS AND COMPOSITIONS FOR ENHANCING CD4+ REGULATORY T CELLS  
**(62)** 2020203308

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**(71)** Semtech Corporation  
**(21)** 2022203549 **(22)** 25.05.2022

**(54)** WIRELESS COMMUNICATION NETWORK AND TRANCEIVER  
**(31)** 63/218,064 **(32)** 02.07.21 **(33)** US

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**(71)** Sheltered Wings, Inc. d/b/a Vortex Optics  
**(21)** 2022203576 **(22)** 26.05.2022  
**(54)** Turret with a zero stop  
**(62)** 2017211292

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**(71)** Smith & Nephew plc  
**(21)** 2022203567 **(22)** 26.05.2022  
**(54)** Wound dressings and methods of use with integrated negative pressure source having a fluid ingress inhibition component  
**(62)** 2017256692

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**(71)** Tactile Systems Technology, Inc.  
**(21)** 2022203489 **(22)** 23.05.2022  
**(54)** SELF-CONTAINED PORTABLE POSITIONABLE OSCILLATING MOTOR ARRAY WITH STRAP TENSION SENSING ELEMENTS  
**(31)** 17/328,523 **(32)** 24.05.21 **(33)** US

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**(71)** Takeda Pharmaceutical Company Limited; Katholieke Universiteit Leuven  
**(21)** 2022203572 **(22)** 26.05.2022  
**(54)** Compositions comprising ADAMTS13 for use in methods for the recanalization of occluded blood vessels in an infarction  
**(62)** 2016268389

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**The Board of Trustees of the University of Illinois see G1 Therapeutics, Inc.**  
**(21)** 2022203554

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**(71)** The Medical College of Wisconsin, Inc.  
**(21)** 2022203482 **(22)** 23.05.2022  
**(54)** Multiplexed optimized mismatch amplification (MOMA)-real time PCR for assessing cell-free DNA  
**(62)** 2016255573

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**(71)** The Procter & Gamble Company  
**(21)** 2022203503 **(22)** 24.05.2022  
**(54)** Kit for tooth whitening  
**(62)** 2020250292

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**(71)** The United States of America, as represented by the Secretary, Department of Health and Human Services  
**(21)** 2022203507 **(22)** 24.05.2022  
**(54)** Methods of isolating T cells and T cell receptors having antigenic specificity for a cancer-specific mutation from peripheral blood  
**(62)** 2016258845

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Complete Applications Filed - Name Index cont'd

**The United States of America, as represented by the Secretary of Agriculture see Institut Pasteur**  
**(21)** 2022203465

**(71)** Ying, V.  
**(21)** 2022203588 **(22)** 26.05.2022  
**(54)** Composition and methods and uses thereof  
**(31)** 2021901579 **(32)** 26.05.21 **(33)** AU

**(71)** Toshiba Energy Systems & Solutions Corporation  
**(21)** 2022203575 **(22)** 26.05.2022  
**(54)** ELECTROCHEMICAL CELL AND ELECTROCHEMICAL CELL STACK  
**(31)** 2021-095732 **(32)** 08.06.21 **(33)** JP  
 2022-081464 18.05.22 JP

**(71)** Yuhan Corporation  
**(21)** 2022203486 **(22)** 23.05.2022  
**(54)** Salt of an aminopyridine derivative compound, a crystalline form thereof, and a process for preparing the same  
**(62)** 2018256227

**(71)** UAM Tec Pty Ltd  
**(21)** 2022203525 **(22)** 24.05.2022  
**(54)** A SUBMERSIBLE OPTICAL ASSEMBLY  
**(31)** 2021901563 **(32)** 25.05.21 **(33)** AU

**(71)** Zendesk, Inc.  
**(21)** 2022203516 **(22)** 24.05.2022  
**(54)** Predicting a set of fitted knowledge elements  
**(31)** 117281 **(32)** 04.06.21 **(33)** PT

**(71)** UAM Tec Pty Ltd  
**(21)** 2022203526 **(22)** 24.05.2022  
**(54)** A CONNECTOR FOR CONNECTING DATA AND/OR POWER CONTACTS  
**(31)** 2021901561 **(32)** 25.05.21 **(33)** AU

**(71)** Zheng, Y.  
**(21)** 2022203518 **(22)** 24.05.2022  
**(54)** CENTRAL NERVE MAGNETIC STIMULATION DEVICE AND HEALTHCARE OR MEDICAL INSTRUMENT HAVING SAME  
**(62)** 2019241209

**(71)** Ultima Genomics, Inc.  
**(21)** 2022203479 **(22)** 23.05.2022  
**(54)** RNA sequencing methods  
**(62)** 2020309582

**(71)** United Airlines, Inc.  
**(21)** 2022203594 **(22)** 26.05.2022  
**(54)** Mobile payment system with rewards points  
**(62)** 2020203057

**(71)** View, Inc.  
**(21)** 2022203521 **(22)** 24.05.2022  
**(54)** Controlling transitions in optically switchable devices  
**(62)** 2020202011

**(71)** View, Inc.  
**(21)** 2022203541 **(22)** 25.05.2022  
**(54)** Multi-sensor  
**(62)** 2020250299

**(71)** Virginia Tech Intellectual Properties, Inc.  
**(21)** 2022203563 **(22)** 26.05.2022  
**(54)** Methods for separating and dewatering fine particles  
**(62)** 2020201982

**(71)** Vorwerk & Co. Interholding GmbH  
**(21)** 2022203522 **(22)** 24.05.2022  
**(54)** Method for peeling potatoes and food processor  
**(31)** 21186946.6 **(32)** 21.07.21 **(33)** EP

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2022203462	Cogliore, C.	2022203542	INGURAN, LLC
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2022203464	Corteva Agriscience LLC	2022203545	Clean Crop Technologies, Inc.
2022203465	Institut Pasteur; Institut National de la Recherche Agromonomique (IRNA); The United States of America, as represented by the Secretary of Agriculture	2022203546	MASAU PTY LTD
2022203468	Q30 Sports Science, LLC	2022203547	E.S ARBUCKLE & R ARBUCKLE
2022203475	Arbutus Biopharma Corporation	2022203548	Caterpillar Inc.
2022203479	Ultima Genomics, Inc.	2022203549	Semtech Corporation
2022203481	PTC Therapeutics MP, Inc.	2022203550	Nektar Therapeutics; Nektar Therapeutics (India) Pvt. Ltd.
2022203482	The Medical College of Wisconsin, Inc.	2022203551	Microbial Screening Technologies Pty Ltd
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2022203485	Frumar, J.	2022203553	Cepheid
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2022203487	Nokia Technologies Oy	2022203555	GE Energy Power Conversion Technology Limited
2022203488	Avery Dennison Corporation	2022203556	Elementum 3D, Inc.
2022203489	Tactile Systems Technology, Inc.	2022203557	Lundbeck La Jolla Research Center, Inc.
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2022203492	Pharmazen Limited	2022203560	Daiichi Sankyo Company, Limited
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2022203496	Beijing Baidu Netcom Science Technology Co., Ltd.	2022203562	Chuang-Kang Machinery Technology Co., Ltd.
2022203497	Dexcom, Inc.	2022203563	Virginia Tech Intellectual Properties, Inc.
2022203498	Amicus Therapeutics, Inc.	2022203564	MKPro Engineering Pty Ltd
2022203499	Mitsubishi Chemical Corporation	2022203565	LEITH-Wybrew, P.
2022203500	LIU, C.; LIU, Y.	2022203567	Smith & Nephew plc
2022203501	Genentech, Inc.	2022203568	Dart Industries Inc.
2022203502	Abbott Diabetes Care Inc.	2022203569	Raven Industries, Inc.
2022203503	The Procter & Gamble Company	2022203570	Nutramax Laboratories, Inc.
2022203504	Salk Institute for Biological Studies	2022203571	Alnylam Pharmaceuticals, Inc.
2022203505	Advanced Bariatric Technology, LLC	2022203572	Takeda Pharmaceutical Company Limited; Katholieke Universiteit Leuven
2022203506	Japan Tobacco Inc.; LEO Pharma A/S	2022203573	Citrix Systems, Inc.
2022203507	The United States of America, as represented by the Secretary, Department of Health and Human Services	2022203574	Intuit Inc.
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2022203509	PayPal, Inc.	2022203576	Sheltered Wings, Inc. d/b/a Vortex Optics
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2022203519	Epitech Group S.p.A.	2022203586	J.P. Sauer & Sohn Maschinenbau GmbH
2022203520	LSM Technologies Pty Ltd	2022203587	Berkeley Lights, Inc.
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2022203525	UAM Tec Pty Ltd	2022203592	2D Fluidics Pty Ltd
2022203526	UAM Tec Pty Ltd	2022203593	LG ELECTRONICS INC.
2022203527	Acentium Inc.	2022203594	United Airlines, Inc.
2022203528	Implantica Patent Ltd	2022203595	Global Esprit Inc.
2022203530	CRRC QIQIHAR ROLLING STOCK CO., LTD.		
2022203531	Dhawan, S.; Dhawan, K.; Reutter, D.; Beckman, C.; Memon, A.		
2022203532	PRODUITS BIO SUN INC.		
2022203533	Bank of Hangzhou Consumer Finance Co Ltd		
2022203534	Bank of Hangzhou Consumer Finance Co Ltd		
2022203535	INSTITUTE OF SOIL SCIENCE, CHINESE ACADEMY OF SCIENCES		
2022203536	Purdue Pharma L.P.		
2022203537	ITI (Australia) Pty Ltd		
2022203538	Molecular Templates, Inc.		
2022203539	CH Biotech R&D Co., Ltd.		
2022203540	Selecta Biosciences, Inc.		

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

Applications listed below were processed through the Patent Office Canberra during the period ending 24 May 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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**(71)** Fortescue Metals Group Ltd  
**(21)** 2022100075      **(22)** 27.05.2022  
**(54)** Modular relocatable conveyor  
**(62)** 2018315054

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**(71)** Group One Limited  
**(21)** 2022100074      **(22)** 26.05.2022  
**(54)** TENNIS LET DETECTION SYSTEM  
WITH SHOT CLOCK CONTROL  
**(62)** 2021209276

**Numerical Index**

**2022100074** Group One Limited

**2022100075** Fortescue Metals Group Ltd

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

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

The codes next to each number have the following meanings:

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

**2000**

2000011518 ( 14 )

**2002**

2002042363 ( 14 )    2002042418 ( 14 )    2002042434 ( 14 )  
 2002042437 ( 14 )    2002042444 ( 14 )    2002044385 ( 14 )  
 2002259265 ( 14 )    2002259275 ( 14 )    2002259298 ( 14 )  
 2002301966 ( 14 )    2002304644 ( 14 )    2002305701 ( 14 )  
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2003236490 ( 14 )    2003261531 ( 14 )    2003266749 ( 14 )  
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2005201629 ( 14 )    2005232292 ( 14 )    2005304462 ( 14 )  
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2008203275 ( 14 )    2008203800 ( 14 )    2008243218 ( 14 )  
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 2008338844 ( 14 )    2008349753 ( 14 )

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2011201086 ( 14 )    2011201495 ( 14 )    2011202957 ( 14 )  
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2012200637 ( 14 )    2012201158 ( 14 )    2012250288 ( 14 )  
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 2015405260 ( 5C ) 2015414108 ( 4C ) 2015414380 ( 14 )  
 2015414528 ( 14 )

**2016**

2016200150 ( 5C ) 2016203890 ( 5C ) 2016204855 ( 14 )  
 2016215298 ( 5C ) 2016229866 ( 5C ) 2016233364 ( 5C )  
 2016247130 ( 25D ) 2016258115 ( 5C ) 2016273230 ( 25D )  
 2016274951 ( 5C ) 2016280269 ( 5C ) 2016292952 ( 5C )  
 2016293372 ( 5C ) 2016308654 ( 5C ) 2016328631 ( 5C )  
 2016333158 ( 5C ) 2016341368 ( 5C ) 2016352056 ( 14 )  
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**2017**

2017101597 ( 22G ) 2017200089 ( 14 ) 2017201567 ( 14 )  
 2017202683 ( 14 ) 2017203976 ( 1B ) 2017204009 ( 1B )  
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**2021**

2021101338 ( 21F ) 2021105692 ( 21F ) 2021202183 ( 4C )  
 2021901557 ( 12AN ) 2021901620 ( 12AN ) 2021901713 ( 12AN )  
 2021901878 ( 12AN ) 2021903692 ( 12AN )

**2022**

2022201453 ( 1B ) 2022201739 ( 7AN ) 2022202264 ( 12AN )  
 2022203492 ( 12AN ) 2022203593 ( 12AN ) 2022900329 ( 12AN )  
 2022901436 ( 12AN )

**Assignments before Grant, Section 113**

**2017**

2017242669 A.P. MØLLER - MÆRSK A/S The application has been assigned to **Svitzer A/S**

2017242671 A.P. MØLLER - MÆRSK A/S The application has been assigned to **Svitzer A/S**

2017242677 A.P. Møller - Mærsk A/S The application has been assigned to **Svitzer A/S**

2017243430 Tyers, Bradley The application has been assigned to **MAID IP Holdings Pty Ltd**

2017250295 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

2017346972 Jetti Resources, LLC; The University of British Columbia The application has been assigned to **Jetti Resources, LLC**

**2018**

2018236161 Abide Therapeutics, Inc. The application has been assigned to **Lundbeck La Jolla Research Center, Inc.**

2018285539 Semma Therapeutics, Inc. The application has been assigned to **VERTEX PHARMACEUTICALS INCORPORATED**

2018319592 Formulex Pharma Innovations Ltd. The application has been assigned to **Nasus Pharma Ltd.**

2018351072 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

**2019**

2019210188 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

2019262059 Fred Hutchinson Cancer Research Center The application has been assigned to **Fred Hutchinson Cancer Center**

2019337623 Celgene Corporation; Abide Therapeutics, Inc. The application has been assigned to **Lundbeck La Jolla Research Center, Inc.; Celgene Corporation**



**Assignments before Grant, Section 113**

**2020**

2020365012 **AMVAC Chemical Corporation; AMVAC Hong Kong Limited** The application has been assigned to **AMVAC Hong Kong Limited**

**2021**

2021204246 **The University of British Columbia** The application has been assigned to **Jetti Resources, LLC**

2021261974 **TYERS, Bradley** The application has been assigned to **MAID IP Holdings Pty Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2013**

2013334479 **The University of Newcastle** An application to extend the time from 22 Oct 2021 to 22 May 2022 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2019**

2019397226 **XINTE ENERGY CO., LTD.; XINJIANG JINGSHUO NEW MATERIALS CO., LTD.** An application to extend the time from 11 Jul 2021 to 11 May 2022 in which to enter the National Phase has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2021**

2021100635 **SDIP Holdings Pty Ltd** An application to extend the time from 09 Dec 2021 to 09 Mar 2022 in which to gain certification has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2021100637 **SDIP Holdings Pty Ltd** An application to extend the time from 09 Dec 2021 to 09 Oct 2022 in which to gain certification has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2021100641 **SDIP Holdings Pty Ltd** An application to extend the time from 07 Dec 2021 to 07 Mar 2022 in which to gain certification has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2021100643 **SDIP Holdings Pty Ltd** An application to extend the time from 09 Dec 2021 to 09 Oct 2022 in which to gain certification has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

**Extensions of Time, Section 223**

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

**2016**

2016200106 **Stevenson, N.** The time in which to pay a renewal fee has been extended to 11 Nov 2021 . Address for service - STEVENSON FAMILY TRUST PO Box 529 Bayswater VIC 3153 AU

**2018**

2018341395 **Argus Heating Limited** The time in which to gain acceptance has been extended to 16 Jul 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2021**

2021100826 **Ceramic Oxide Fabricators Pty Ltd** The time in which to pay a renewal fee has been extended to 09 Mar 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021103943 **K R, R.; S V, S.; P, S.** The time in which to comply with a direction under Reg 3.2B has been extended to 03 Mar 2022 . Address for service - Australian Patent and Trademark Services PO Box 688 North Adelaide SA 5006 AU

2021277771 **BioConsortia, Inc.** The time in which to request examination has been extended to 14 Apr 2022 . Address for service - Ribeiro IP Limited C/O Target Accounting Ltd 7 Gladstone Road South Mosgiel Otago 9024 NZ

**2022**

2022200357 **Macernis, A.** The time in which to comply with a direction under Reg 3.2A has been extended to 30 Apr 2022 . Address for service - Dazcorp Pty Ltd 4 Downs Rd Seaford VIC 3198 AU

2022201872 **Synova Life Sciences, Inc.** The time in which to make a further application for a divisional patent has been extended to 16 Apr 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022203235 **Cripps Clark, J.** The time in which to associate with a complete application has been extended to 19 May 2022 . Address for service - Julianne Mary Cripps Clark Kearsley Rd Kearsley NSW 2325 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.

**2007**

2007219699 A controllable water heater **Rheem Australia Pty Limited** The nature of the amendment is as shown in the statement(s)

**Amendments**

filed 29 Apr 2022 . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

**2013**

2013355237 PCSK9 iRNA compositions and methods of use thereof **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 May 2022 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

**2017**

2017207359 Method of treating C3 glomerulopathy **Chemo-Centryx, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 May 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017229863 Ferrule-based fiber optic connectors with ferrule retraction balancing **Corning Optical Communications LLC** The nature of the amendment is as shown in the statement(s) filed 02 Mar 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017403651 Method and device for transmitting synchronization signal **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement(s) filed 23 May 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**Amendments Made**

**2003**

2003249962 **Novartis AG** The nature of the amendment is as shown in the statement filed 16 Feb 2022

**2015**

2015301978 **Research Institute at Nationwide Children's Hospital; University Of Western Australia** The nature of the amendment is as shown in the statement(s) filed 13 Jan 2022

2015373990 **Alarm. Com Incorporated** The nature of the amendment is as shown in the statements filed 19 Mar 2020; 16 Jun 2020; 21 Aug 2020; 25 Nov 2020; 12 Apr 2021 and 27 Jul 2021

**2016**

2016242964 **AnaptysBio, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2022

**2017**

2017207330 **MedImmune, LLC** The nature of the amendment is as shown in the statement filed 08 Feb 2022

2017313908 **Arena Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 24 Feb 2022

2017324946 **Integrated DNA Technologies, Inc.** The nature of the amendment is as shown in the statement filed 28 Feb 2022

2017353313 **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement filed 14 Feb 2022

**Amendments**

2017355326 **Paramount Products 1 LLC** The nature of the amendment is as shown in the statement(s) filed 25 Feb 2022

**2018**

2018218521 **Oblique Therapeutics AB** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2022

2018269745 **Denali Therapeutics Inc.** The nature of the amendment is as shown in the statement filed 02 Mar 2022

2018297578 **Immatics Biotechnologies GmbH** The nature of the amendment is as shown in the statement filed 03 Mar 2022

2018402444 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read User Equipment, and Uplink Transmission Timing Adjustment Method

**2019**

2019247200 **Juno Therapeutics, Inc.; Editas Medicine, Inc.** The nature of the amendment is as shown in the statement filed 19 May 2022

2019271898 **The General Hospital Corporation; AZTherapies, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2022

2019301866 **Klüber Lubrication München SE & Co. KG** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2022

**2020**

2020298307 **Electronic Health Record Data, Inc.** The nature of the amendment is: Amend a priority detail to read 62/863,655 19 Jun 2019 US

2020299421 **Safran Electronics & Defense** The nature of the amendment is as shown in the statement filed 06 May 2022

2020309210 **Babraham Institute** The nature of the amendment is: Amend the name of the inventor to read REIK, Wolf; GILL, Diljeet; STUBBS, Thomas and MILAGRE, Inês

2020370289 **University of Pittsburgh - of the Commonwealth System of Higher Education** The nature of the amendment is: Amend the invention title to read USE OF MBV FOR TREATING AUTOIMMUNE DISEASE

2020370730 **Watson Marlow GmbH** The nature of the amendment is: Amend the invention title to read Conveyor Device at least for Conveying a Fluid and Pump comprising such a Conveyor Device

2020371945 **Watson Marlow GmbH** The nature of the amendment is: Amend the invention title to read Conveyor Device at least for Conveying a Fluid and Pump comprising such a Conveyor Device

2020373587 **Xinjiang Goldwind Science & Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read AIR COOLING SYSTEM, WIND TURBINE GENERATOR UNIT AND COOLING METHOD THEREFOR

**Amendments**

2020380753 **China University of Petroleum (East China); PipeChina South China Company; Guangdong South China Intelligent Pipeline Research Institute** The nature of the amendment is: Amend the invention title to read METHOD AND SYSTEM OF LEAK DETECTING FOR OIL AND GAS PIPELINE BASED ON EXCITATION RESPONSE

2020381535 **Lineage Logistics, LLC** The nature of the amendment is: To remove co-applicants Daniël Walet and Daniel Thomas Wintz

2020384747 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Coated Steel Material

2020385209 **Zhejiang CHINT Electrics Co., Ltd.** The nature of the amendment is: Amend the invention title to read Plug-in circuit breaker

2020387401 **Board of Regents, The University of Texas System** The nature of the amendment is: Amend the name of the inventor to read PIWNICA-WORMS, David; GAMMON, Seth and PISANESCHI, Federica

2020395172 **Bechtel Energy Technologies & Solutions, Inc.** The nature of the amendment is: Amend the name of the inventor to read LADD, David; GROLL, Eckhard; BARTA, Riley and ZIVIANI, Davide

2020402208 **NEC Platforms, Ltd.** The nature of the amendment is: Amend the invention title to read TELEPHONE SWITCHING DEVICE, TELEPHONE TERMINAL, TELEPHONE SWITCHING SYSTEM, CONTROL METHOD, AND CONTROL PROGRAM

2020404817 **Phanes Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read Bispecific antibodies with alternatively matched interchain cysteines and uses thereof

**2021**

2021106310 **Freshwater Fisheries Research Institute of Jiangsu Province** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2021

2021201741 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the invention title to read TREATMENT OR PREVENTION OF SURGERY-INDUCED CACHEXIA AND/OR EXPRESSION OF MYELOID-DERIVED SUPPRESSOR CELLS AND PRO-INFLAMMATORY CYTOKINES

2021201828 **GE Global Sourcing LLC** The nature of the amendment is: Amend the invention title to read VEHICLE SENSOR ASSEMBLY HAVING A RADIO FREQUENCY (RF) SENSOR TO WIRELESSLY COMMUNICATE DATA TO OUTSIDE THE VEHICLE SENSOR ASSEMBLY

2021202016 **Oric Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2022

2021232404 **Kotobuki Holdings Co., Ltd.; Shinshu University** The nature of the amendment is: Amend the invention title to read Carbon material and method for producing carbon material

2021901602 **4Cabling Pty Ltd** The nature of the amendment is: Application is to proceed under number 2021380856

**Amendments**

**2022**

2022202950 **TRACTO-TECHNIK GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read ROD SECTION OF A GROUND DRILLING ROD

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

**2004**

2004255669 **GEA Energietechnik GmbH** The name of the patentee has been altered to **ENEXIO Germany GmbH**

**2007**

2007328314 **Parker Hannifin Filtration (US), Inc.** The name of the patentee has been altered to **Parker-Hannifin Corporation**

**2009**

2009266952 **Proterra Inc** The name of the patentee has been altered to **Proterra Operating Company, Inc.**

**2011**

2011256121 **Nauti-Craft Pty Ltd** The name of the patentee has been altered to **Nauti-Craft Ltd**

2011256123 **Nauti-Craft Pty Ltd** The name of the patentee has been altered to **Nauti-Craft Ltd**

**2014**

2014245840 **Nauti-Craft Pty Ltd** The name of the patentee has been altered to **Nauti-Craft Ltd**

2014361732 **NAUTI-CRAFT PTY LTD** The name of the patentee has been altered to **Nauti-Craft Ltd**

**2015**

2015258766 **Nauti-Craft Pty Ltd** The name of the patentee has been altered to **Nauti-Craft Ltd**

2015271632 **NAUTI-CRAFT PTY LTD** The name of the patentee has been altered to **Nauti-Craft Ltd**

2015354396 **Nauti-Craft Pty Ltd** The name of the patentee has been altered to **Nauti-Craft Ltd**

**2017**

2017225911 **Nauti-Craft Pty Ltd** The name of the applicant has been altered to **Nauti-Craft Ltd**

2017358065 **Fiber Sense Pty Ltd** The name of the applicant has been altered to **Fiber Sense Limited**

**2018**

2018303340 **Fiber Sense Pty Ltd** The name of the applicant has been altered to **Fiber Sense Limited**

2018381337 **Nauti-Craft Pty Ltd** The name of the applicant has been altered to **Nauti-Craft Ltd**

**Amendments**

2018427745 Sulimar sp. z o.o. The name of the patentee has been altered to **DRINK ID Sp. z o.o.**

**2019**

2019259818 Sumitomo Dainippon Pharma Co., Ltd.; The Kitasato Institute The name of the applicant has been altered to **Sumitomo Pharma Co., Ltd.; The Kitasato Institute**

2019269724 Avery Dennison Retail Information Services, LLC The name of the applicant has been altered to **Avery Dennison Retail Information Services LLC**

2019269725 Avery Dennison Retail Information Services, LLC The name of the applicant has been altered to **Avery Dennison Retail Information Services LLC**

2019297033 Aliaxis R&D S.A.S The name of the applicant has been altered to **Aliaxis Research & Technology**

2019297036 Aliaxis R&D S.A.S The name of the applicant has been altered to **Aliaxis Research & Technology**

2019380577 Aliaxis R&D S.A.S The name of the applicant has been altered to **Aliaxis Research & Technology**

2019380874 Fiber Sense Pty Ltd The name of the applicant has been altered to **Fiber Sense Limited**

2019393835 Nauti-Craft Pty Ltd The name of the applicant has been altered to **Nauti-Craft Ltd**

**2020**

2020204562 Fiber Sense Pty Ltd The name of the applicant has been altered to **Fiber Sense Limited**

2020260895 Sumitomo Dainippon Pharma Co., Ltd. The name of the applicant has been altered to **Sumitomo Pharma Co., Ltd.**

2020336580 Sumitomo Dainippon Pharma Co., Ltd. The name of the applicant has been altered to **Sumitomo Pharma Co., Ltd.**

2020362544 Nauti-Craft Pty Ltd The name of the applicant has been altered to **Nauti-Craft Ltd**

2020371404 Sumitomo Dainippon Pharma Co., Ltd. The name of the applicant has been altered to **Sumitomo Pharma Co., Ltd.**

**2021**

2021201828 GE Global Sourcing LLC The name of the applicant has been altered to **Transportation IP Holdings, LLC**

2021901966 Euclidean Holographics Pty Ltd The name of the applicant has been altered to **Axiom Holographics Holdings Limited**

**2022**

2022100039 Fiber Sense Pty Ltd The name of the patentee has been altered to **Fiber Sense Limited**

**Amendments**

2022202447 Beijing Baidu Netcom Science and Technology Co., Ltd. The name of the applicant has been altered to **Beijing Baidu Netcom Science Technology Co., Ltd.**

Applications Open to Public Inspection

Name Index

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

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(71) 4D Molecular Therapeutics Inc.  
 (11) AU-A-2022203494  
 (21) 2022203494 (22) 23.05.2022  
 (54) Adeno-Associated Virus Variant Capsids And Use For Inhibiting Angiogenesis  
 (51) Int. Cl.  
**C12N 7/00** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 35/76** ( 2015.01 )  
**C12N 15/86** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2018372235  
 (72) KIRN, David H.; KOTTERMAN, Melissa; SCHAFFER, David; SZYMANSKI, Paul; FRANCIS, Peter  
 (74) WRAYS PTY LTD

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2022203502  
 (21) 2022203502 (22) 24.05.2022  
 (54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems  
 (51) Int. Cl.  
**A61B 5/145** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2019280830  
 (72) Thomas, Christopher A.; Pace, Louis; Patel, Dharmendra; Dipalma, Vincent M.; Rao, Vivek S.; Mitchell, Steven T.; Lambert, Byron J.; Robinson, Peter G.; Voit, Peter M.; Pudjijanto, Stephen T.; Simmons, Matthew; Wu, Hsuehchieh; Le, Vu H.; Manion, Johnathan D.; Harris, Christopher M.; Nguyen, Tuan; Phillip, Carter W.; McCanless, Jonathan D.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Abbott Laboratories  
 (11) AU-A-2022203320  
 (21) 2022203320 (22) 17.05.2022  
 (54) Improved methods of assessing GFAP status in patient samples  
 (51) Int. Cl.  
**G01N 33/573** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2017339858  
 (72) DATWYLER, Saul; MCQUISTON, Beth; BRATE, Elaine; RAMP, John; PACENTI, David  
 (74) Spruson & Ferguson

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(71) Abbott Laboratories  
 (11) AU-A-2022203322  
 (21) 2022203322 (22) 17.05.2022  
 (54) Improved methods of assessing UCH-L1 status in patient samples  
 (51) Int. Cl.

**G01N 33/573** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2017339809  
 (72) DATWYLER, Saul; MCQUISTON, Beth; BELIGERE, Gangamani; BRATE, Elaine; RAMP, John; PACENTI, David  
 (74) Spruson & Ferguson

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(71) Accenture Global Solutions Limited  
 (11) AU-A-2021269407  
 (21) 2021269407 (22) 18.11.2021  
 (54) MACHINE LEARNING SYSTEMS FOR AUTOMATED EVENT ANALYSIS AND CATEGORIZATION, EQUIPMENT STATUS AND MAINTENANCE ACTION RECOMMENDATION  
 (51) Int. Cl.  
**G05B 19/4065** ( 2006.01 )  
**G05B 17/02** ( 2006.01 )  
**G05B 23/02** ( 2006.01 )  
 (31) 17/102,425 (32) 23.11.20 (33) US  
 (43) 09.06.2022  
 (72) MISHRA, Rabinarayan; ADITYA, Susarla; VADREVU, Subrahmanyam; NICHOLLS, Jan Andre; TITUS, Joel; KANDRAKOTA, Seshasai  
 (74) Murray Trento & Associates Pty Ltd

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(71) Advanced Bariatric Technology, LLC  
 (11) AU-A-2022203505  
 (21) 2022203505 (22) 24.05.2022  
 (54) Bariatric clamp with suture portions, magnetic inserts and curvature  
 (51) Int. Cl.  
**A61B 17/10** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2020200090  
 (72) ARMENTEROS, Jesus R.; FRENCH, C. Kenneth; JACOBS, Moises  
 (74) Spruson & Ferguson

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(71) Aglive International Pty Ltd  
 (11) AU-A-2022203457  
 (21) 2022203457 (22) 20.05.2022  
 (54) Information System for Item Verification  
 (51) Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
 (43) 09.06.2022  
 (62) 2020202384  
 (72) TAYLOR, Alex; WILLIAMS, Jason; TOOHEY, Mark  
 (74) Wallington-Dummer

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**Ahsan, Z. see The Board of Trustees of the University of Illinois**  
 (21) 2022203368

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(71) Amazon Technologies, Inc.  
 (11) AU-A-2022203400

(21) 2022203400 (22) 19.05.2022  
 (54) RULE-BASED ACTION TRIGGERING IN A PROVIDER NETWORK  
 (51) Int. Cl.  
**H04L 41/08** ( 2022.01 )  
 (43) 09.06.2022  
 (62) 2020223693  
 (72) Patel, Mihir Rajendrabhai; Torun, Mustafa Ugur; Dougherty, Jesse Marcus  
 (74) Phillips Ormonde Fitzpatrick

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(71) AMES Australasia Pty Ltd  
 (11) AU-A-2020277227  
 (21) 2020277227 (22) 26.11.2020  
 (54) Clothesline Extension System  
 (51) Int. Cl.  
**D06F 53/04** ( 2006.01 )  
 (43) 09.06.2022  
 (72) Ovens, Dean Geoffrey  
 (74) Davies Collison Cave Pty Ltd

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(71) Amgen Inc.  
 (11) AU-A-2022203334  
 (21) 2022203334 (22) 18.05.2022  
 (54) Drug delivery device  
 (51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/145** ( 2006.01 )  
**A61M 5/158** ( 2006.01 )  
**A61M 5/315** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2017248238  
 (72) GIBSON, Scott R.; MOBERG, Sheldon B.; TAHA, Basel Hasan; BOYAV-AL, Margaux Frances; DESTEFANO, Mark A.; LAURENCE, Lawton; LOVE, John C.; HANSON, Ian B.; BENTE, Paul F.; CLEMENTE, Matthew J.; UBACH, Antonio; RAMASWAMY, Rajan; CODD, Daniel S.; BEAVER, Scott; BOKELMAN, Kevin L.; DARDANI, Ian P.; O'CONNOR, Sean M.; FELDMAN, Danielle  
 (74) Spruson & Ferguson

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(71) Amgen Research (Munich) GmbH  
 (11) AU-A-2022203450  
 (21) 2022203450 (22) 20.05.2022  
 (54) Bispecific Antibody Constructs For CDH3 And CD3  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2016250023  
 (72) WEISS, Bertram; FRISK, Ann-Lena; ZIERZ, Ruprecht; KUFER, Peter; RAUM, Tobias; RAU, Doris; ANLAHR, Jonas; LUTTERBÜSE, Ralf; NAHRWOLD, Elisabeth; DAHLHOFF, Chris-

Applications Open to Public Inspection - Name Index cont'd

toph; BLÜMEL, Claudia; HOFFMANN, Patrick  
**(74)** WRAYS PTY LTD

**(71)** Amicus Therapeutics, Inc.  
**(11)** AU-A-2022203498  
**(21)** 2022203498 **(22)** 24.05.2022  
**(54)** Highly potent acid alpha-glucosidase with enhanced carbohydrates  
**(51)** Int. Cl.  
**C12N 5/07** ( 2010.01 )  
**C12N 5/10** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2015325028  
**(72)** Gotschall, Russell; Do, Hung  
**(74)** Dark IP

**(71)** Angel Group Co., Ltd.  
**(11)** AU-A-2022203394  
**(21)** 2022203394 **(22)** 19.05.2022  
**(54)** Playing card  
**(51)** Int. Cl.  
**A63F 1/02** ( 2006.01 )  
**A63F 1/14** ( 2006.01 )  
**A63F 1/18** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020204413  
**(72)** SHIGETA, Yasushi  
**(74)** Davies Collison Cave Pty Ltd

**(71)** AOC, LLC  
**(11)** AU-A-2022203461  
**(21)** 2022203461 **(22)** 23.05.2022  
**(54)** Non-leaching styrene-free cured-in-place pipe system suitable for potable water applications  
**(51)** Int. Cl.  
**C08F 283/01** ( 2006.01 )  
**C08F 290/06** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2019225685  
**(72)** MILLER, Gregory C.; MOORE, William; KINNIN, Luciana; WALTMAN, Phillip; MCALVIN, John  
**(74)** FB Rice Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2022203508  
**(21)** 2022203508 **(22)** 24.05.2022  
**(54)** User interfaces for health applications  
**(51)** Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**A63B 71/00** ( 2006.01 )  
**G16B 40/00** ( 2019.01 )  
**(43)** 09.06.2022  
**(62)** 2020239740  
**(72)** Felton, Nicholas; Crowley, Matthew; Ullal, Adeeti; Gilmore, Allison; Goswami, Ruchi; Niehaus, Kate; Rezvani, Ava  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-A-2022203512  
**(21)** 2022203512 **(22)** 24.05.2022  
**(54)** Application menu for video system

**(51)** Int. Cl.  
**G06F 3/0482** ( 2013.01 )  
**G06F 3/0481** ( 2022.01 )  
**(43)** 09.06.2022  
**(62)** 2020204102  
**(72)** CHEN, Elbert D.; HOWARD, Joe; MCGLINN, Joshua; LOCHHEAD, Jonathan; KEIGHRAN, Benjamin W.; VAN OS, Marcel; BACHMAN, William M.; ROBBIN, Jeffrey L.; FOLSE, Jennifer L. C.; KRESS, Lynne  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Applied Medical Resources Corporation  
**(11)** AU-A-2022203449  
**(21)** 2022203449 **(22)** 20.05.2022  
**(54)** Surgical Training Model for Laparoscopic Procedures  
**(51)** Int. Cl.  
**G09B 23/28** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016267595  
**(72)** HOFSTETTER, Gregory K.; BRESLIN, Tracy; SALEH, Khodr; FELSINGER, Natasha; BLACK, Katie; DRAGANOV, Milan  
**(74)** Griffith Hack

**(71)** Arcadyan Technology Corporation  
**(11)** AU-A-2021211972  
**(21)** 2021211972 **(22)** 02.08.2021  
**(54)** WIRELESS COMMUNICATION SYSTEM, GROUP MANAGEMENT METHOD AND CHANNEL SELECTION METHOD THEREOF  
**(51)** Int. Cl.  
**H04W 84/12** ( 2009.01 )  
**H04W 24/04** ( 2009.01 )  
**H04W 84/18** ( 2009.01 )  
**H04W 88/08** ( 2009.01 )  
**(31)** 109141602 **(32)** 26.11.20 **(33)** TW  
**(43)** 09.06.2022  
**(72)** Huang, Kuo Shu; Chen, Kenchih; Chen, Chun-Ping; Hsieh, Tsung-Hsien  
**(74)** James & Wells Intellectual Property

**(71)** Arcus Biosciences, Inc.  
**(11)** AU-A-2022203515  
**(21)** 2022203515 **(22)** 24.05.2022  
**(54)** Azolopyrimidine for the treatment of cancer-related disorders  
**(51)** Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/4192** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2018210272  
**(72)** Beatty, Joel; Debien, Laurent; Jeffrey, Jenna; Leleti, Manmohan Reddy; Mandal, Debashis; Miles, Dillon; Powers, Jay; Rosen, Brandon; Thomas-Tran, Rhiannon; Sharif, Ehesan  
**(74)** FPA Patent Attorneys Pty Ltd

**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-A-2022203411  
**(21)** 2022203411 **(22)** 19.05.2022  
**(54)** METHOD AND SYSTEM OF DISTRIBUTING PROGRESSIVE GAMING RELATED INFORMATION  
**(51)** Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**(43)** 09.06.2022  
**(62)** 2020203654  
**(72)** KAMMLER, Keith  
**(74)** Griffith Hack

**(71)** ARRIS Enterprises LLC  
**(11)** AU-A-2021236432  
**(21)** 2021236432 **(22)** 20.09.2021  
**(54)** Integral enclosure integration system  
**(51)** Int. Cl.  
**H05K 5/02** ( 2006.01 )  
**H01R 13/00** ( 2006.01 )  
**H01R 13/62** ( 2006.01 )  
**H01R 13/629** ( 2006.01 )  
**H01R 24/00** ( 2011.01 )  
**H05K 7/12** ( 2006.01 )  
**(31)** 63/118,236 **(32)** 25.11.20 **(33)** US  
**(43)** 09.06.2022  
**(72)** Padera, Arun Kumar  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Arrowhead Pharmaceuticals, Inc.  
**(11)** AU-A-2022203490  
**(21)** 2022203490 **(22)** 23.05.2022  
**(54)** ORGANIC COMPOSITIONS TO TREAT EPAS1-RELATED DISEASES  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020201617  
**(72)** Bettencourt, Brian; George, Elizabeth; Ganesh, Shanthi; Huesken, Dieter; Milstein, Stuart; Solomon, Jonathan; Thomas, Emily; Toudjarska, Ivanka; Tullai, Jennifer; Weiler, Jan  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Auspex Pharmaceuticals, Inc.  
**(11)** AU-A-2022203369  
**(21)** 2022203369 **(22)** 18.05.2022  
**(54)** Analogs of deutetrabenazine, their preparation and use  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2018236336  
**(72)** Zhang, Chengzi; Kerr, Jim  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Avery Dennison Corporation  
**(11)** AU-A-2022203488  
**(21)** 2022203488 **(22)** 23.05.2022  
**(54)** Ink jet print method with integrated spot color and process color

Applications Open to Public Inspection - Name Index cont'd

- (51) Int. Cl.  
*H04N 1/60* ( 2006.01 )  
*H04N 1/54* ( 2006.01 )  
*H04N 1/62* ( 2006.01 )
- (43) 09.06.2022  
(62) 2020202430  
(72) CHANG, Ying; AGASHE, Nikhil R.; PECK, John D.  
(74) Griffith Hack
- 
- (71) AVERY DENNISON CORPORATION  
(11) AU-A-2022202017  
(21) 2022202017 (22) 23.03.2022  
(54) Two stage methods for processing adhesives and related compositions
- (51) Int. Cl.  
*C09J 4/06* ( 2006.01 )  
*B01J 8/00* ( 2006.01 )  
*B01J 19/00* ( 2006.01 )  
*B29C 35/08* ( 2006.01 )  
*C08F 2/00* ( 2006.01 )  
*C08F 6/00* ( 2006.01 )
- (43) 09.06.2022  
(62) 2020203584  
(72) BARTHOLOMEW, Eric L.; BOT-TORF, William L.; HEIMBACH, Kyle R.; MILLER, Brandon S.; WATERMAN, Michael T.; ZAJACZKOWSKI, Michael; LUO, Qiang; FULL, Andrew P.; KOHLER, Christopher E.  
(74) Griffith Hack
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- (71) Bailey, A.A.  
(11) AU-A-2022203430  
(21) 2022203430 (22) 20.05.2022  
(54) A Safety Helmet
- (51) Int. Cl.  
*A42B 3/04* ( 2006.01 )
- (43) 09.06.2022  
(62) 2016326882  
(72) Bailey, Anton  
(74) Pipers Intellectual Property
- 
- (71) Bayer CropScience LP  
(11) AU-A-2022203326  
(21) 2022203326 (22) 17.05.2022  
(54) A novel Paenibacillus strain, antifungal compounds, and methods for their use
- (51) Int. Cl.  
*C12N 1/20* ( 2006.01 )  
*A01N 63/00* ( 2020.01 )  
*C07K 7/06* ( 2006.01 )  
*C07K 7/50* ( 2006.01 )  
*C12N 9/00* ( 2006.01 )  
*C12N 9/90* ( 2006.01 )  
*C12R 1/01* ( 2006.01 )
- (43) 09.06.2022  
(62) 2016235208  
(72) Beau, Jeremy; Joo, Daniel M.; Schwientek, Patrick; Taylor, Colleen S.; Traag, Bjorn A.  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Becton, Dickinson and Company  
(11) AU-A-2022203358  
(21) 2022203358 (22) 18.05.2022
- (54) Enclosed droplet sorter and methods of using the same
- (51) Int. Cl.  
*G01N 15/10* ( 2006.01 )  
*G01N 21/03* ( 2006.01 )
- (43) 09.06.2022  
(62) 2017249049  
(72) NORTON, Pierce O.  
(74) FB Rice Pty Ltd
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- (71) BIA5 Developments Pty Ltd  
(11) AU-A-2021266289  
(21) 2021266289 (22) 11.11.2021  
(54) TRACKED VEHICLE SUSPENSION SYSTEM
- (51) Int. Cl.  
*B62D 55/104* ( 2006.01 )  
*B62D 55/14* ( 2006.01 )  
*B62D 55/30* ( 2006.01 )
- (31) 2020904313 (32) 23.11.20 (33) AU  
(43) 09.06.2022  
(72) TANSLEY, Shawn; MALLORY, Justin  
(74) Davies Collison Cave Pty Ltd
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- (71) Blue Ocean Seismic Services Limited  
(11) AU-A-2022202956  
(21) 2022202956 (22) 03.05.2022  
(54) An autonomous data acquisition system and method
- (51) Int. Cl.  
*G01V 1/38* ( 2006.01 )  
*B63G 8/16* ( 2006.01 )  
*B63G 8/22* ( 2006.01 )  
*B63G 8/24* ( 2006.01 )  
*G01V 1/16* ( 2006.01 )  
*G01V 1/18* ( 2006.01 )  
*B63B 35/00* ( 2020.01 )  
*B63B 45/08* ( 2006.01 )  
*B63G 8/00* ( 2006.01 )
- (43) 09.06.2022  
(62) 2019275488  
(72) MANCINI, Fabio; HOLLINGS, Ben  
(74) Griffith Hack
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- (71) Braime Group PLC  
(11) AU-A-2022203429  
(21) 2022203429 (22) 20.05.2022  
(54) SYSTEM AND METHOD FOR MATERIAL CONVEYOR CONTAINER WEAR MONITORING
- (51) Int. Cl.  
*B65G 43/00* ( 2006.01 )  
*B65G 17/12* ( 2006.01 )  
*G06K 19/07* ( 2006.01 )
- (43) 09.06.2022  
(62) 2020223683  
(72) Dennis, Paul M.  
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71) Building IP Holdings Pty Ltd  
(11) AU-A-2021269449  
(21) 2021269449 (22) 19.11.2021  
(54) STRUCTURAL FLOORING SYSTEM INCLUDING FOUNDATION, BEARER AND JOIST CONNECTORS
- (51) Int. Cl.
- 
- (71) Butterfly Network, Inc.  
(11) AU-A-2022203420  
(21) 2022203420 (22) 20.05.2022  
(54) Augmented reality interface for assisting a user to operate an ultrasound device
- (51) Int. Cl.  
*A61B 8/00* ( 2006.01 )  
*A61B 8/14* ( 2006.01 )  
*G09B 9/00* ( 2006.01 )  
*G09B 23/28* ( 2006.01 )
- (43) 09.06.2022  
(62) 2017281281  
(72) Rothberg, Alex; De Jonge, Matthew; Jia, Jimmy; Nouri, Daniel; Rothberg, Jonathan M.; Sofka, Michal; Neben, Abraham  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Canon Kabushiki Kaisha  
(11) AU-A-2022203416  
(21) 2022203416 (22) 20.05.2022  
(54) Method, apparatus and system for encoding and decoding a block of video samples
- (51) Int. Cl.  
*H04N 19/124* ( 2014.01 )  
*H04N 19/119* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/513* ( 2014.01 )  
*H04N 19/96* ( 2014.01 )
- (43) 09.06.2022  
(62) 2019232797  
(72) ROSEWARNE, Christopher James; AHMED, Iftexhar  
(74) Spruson & Ferguson
- 
- (71) Canva Pty Ltd  
(11) AU-A-2022203336  
(21) 2022203336 (22) 18.05.2022  
(54) Systems and methods for applying effects to design elements
- (51) Int. Cl.  
*G06T 11/60* ( 2006.01 )  
*G06T 11/40* ( 2006.01 )  
*G06T 15/60* ( 2006.01 )  
*G06T 15/80* ( 2011.01 )
- (43) 09.06.2022  
(62) 2021202282  
(72) Vong, Declan Robin; Anderson, Matthew David; Santos, Lynneal Jia; Walker, Jesse James  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) Carr, S.R.  
(11) AU-A-2021273590  
(21) 2021273590 (22) 24.11.2021  
(54) A Sports Training Apparatus
- (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**A63B 69/34** ( 2006.01 )  
**A63B 69/24** ( 2006.01 )  
**(31)** 2020904339 **(32)** 24.11.20 **(33)** AU  
**(43)** 09.06.2022  
**(72)** Carr, Stephen  
**(74)** FOUNDRY INTELLECTUAL PROP-  
 ERTY PTY LTD

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**(71)** Chance Line Industrial Co., Ltd.  
**(11)** AU-A-2021261900  
**(21)** 2021261900 **(22)** 03.11.2021  
**(54)** Filament made from cutting membrane  
 material and being thinned to improve  
 physical properties and manufacturing  
 method thereof  
**(51)** Int. Cl.  
**D01D 5/42** ( 2006.01 )  
**D01F 11/06** ( 2006.01 )  
**D01F 11/08** ( 2006.01 )  
**D02G 3/22** ( 2006.01 )  
**D02J 1/22** ( 2006.01 )  
**(31)** 109141189 **(32)** 24.11.20 **(33)** TV  
**(43)** 09.06.2022  
**(72)** Yao, Ming-Hsien; Shih, Po-Jen  
**(74)** LAMINAR IP PTY LTD

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**(71)** Corteva Agriscience LLC  
**(11)** AU-A-2022203464  
**(21)** 2022203464 **(22)** 23.05.2022  
**(54)** Pest control system and method of op-  
 erating same  
**(51)** Int. Cl.  
**A01M 1/02** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020281085  
**(72)** Howard, Phillip J.; Baxter Jr., Richard  
 V.; Brune, Douglas K.; Kluk, Uriel;  
 Beistle, Edward G.; Siler, Christopher;  
 Black, Marc  
**(74)** FPA Patent Attorneys Pty Ltd

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**Covnot, L. see The Board of Trustees of  
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**(21)** 2022203368

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**(71)** CQMS PTY LTD  
**(11)** AU-A-2022203338  
**(21)** 2022203338 **(22)** 18.05.2022  
**(54)** Article Handler  
**(51)** Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020217410  
**(72)** Saunders, Bradley Darren; Higgins,  
 Bradley James  
**(74)** James & Wells Intellectual Property

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**(71)** CROWN EQUIPMENT CORPORA-  
 TION  
**(11)** AU-A-2022203359  
**(21)** 2022203359 **(22)** 18.05.2022  
**(54)** Goods-to-man warehousing compris-  
 ing multilevel racking, mobile storage  
 units, storage unit transporters, and  
 pick-place vehicle  
**(51)** Int. Cl.

**B65G 1/04** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )  
**B66F 9/06** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
**(43)** 09.06.2022  
**(62)** 2017207911  
**(72)** OTTO, Matthew J.; GARMANN,  
 Gregory S.; ADDISON, Mark E.  
**(74)** Griffith Hack

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**(71)** CROWN EQUIPMENT CORPORA-  
 TION  
**(11)** AU-A-2022203374  
**(21)** 2022203374 **(22)** 18.05.2022  
**(54)** Diagnostic tag for an industrial vehicle  
 tag reader  
**(51)** Int. Cl.  
**G06K 7/00** ( 2006.01 )  
**B66F 9/06** ( 2006.01 )  
**G06K 17/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020213385  
**(72)** STEINBRUNNER, Cole; MALLAK,  
 Thomas L.; MEIRING, Donald T.;  
 WALTON, Daniel D.; SHERMAN, Nich-  
 olas J.; GRANNAN, James Michael  
**(74)** Griffith Hack

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**(71)** Da Cruz, J.  
**(11)** AU-A-2021221442  
**(21)** 2021221442 **(22)** 24.08.2021  
**(54)** ORTHODONTIC/ORTHOPAEDIC  
 DEVICE AND METHOD  
**(51)** Int. Cl.  
**A61C 7/08** ( 2006.01 )  
**A61C 19/04** ( 2006.01 )  
**A61C 9/00** ( 2006.01 )  
**(31)** 2020904345 **(32)** 24.11.20 **(33)** AU  
**(43)** 09.06.2022  
**(72)** Da Cruz, Joseph  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Dansons US, LLC.  
**(11)** AU-A-2021266365  
**(21)** 2021266365 **(22)** 15.11.2021  
**(54)** AIR CIRCULATION DEVICE  
**(51)** Int. Cl.  
**A47J 37/07** ( 2006.01 )  
**A23B 4/044** ( 2006.01 )  
**(31)** 17/103,342 **(32)** 24.11.20 **(33)** US  
**(43)** 09.06.2022  
**(72)** MATZ, Garrett  
**(74)** Griffith Hack

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**(71)** Defugo Technologies Pte Ltd  
**(11)** AU-A-2021221469  
**(21)** 2021221469 **(22)** 24.08.2021  
**(54)** FEEDSTOCK PROCESSING METHOD  
 AND SYSTEM  
**(51)** Int. Cl.  
**G06Q 50/04** ( 2012.01 )  
**A23L 2/04** ( 2006.01 )  
**A23L 19/00** ( 2016.01 )  
**A23L 33/22** ( 2016.01 )  
**C11B 1/10** ( 2006.01 )  
**G06Q 10/04** ( 2012.01 )  
**C25B 1/26** ( 2006.01 )

**G06Q 10/06** ( 2012.01 )  
**(31)** 2020904315 **(32)** 23.11.20 **(33)** AU  
 2020904477 03.12.20 AU  
**(43)** 09.06.2022  
**(72)** COLEMAN, David  
**(74)** Houlihan<sup>2</sup> Pty Ltd

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**(71)** Dexcom, Inc.  
**(11)** AU-A-2022203497  
**(21)** 2022203497 **(22)** 24.05.2022  
**(54)** Systems and methods for display  
 device and sensor electronics unit com-  
 munication  
**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020250184  
**(72)** WEDEKIND, Jeffrey R.; BURNETTE,  
 Douglas William; MANDAPAKA, Aditya;  
 MCDANIEL, Zebediah L.; SIMPSON,  
 Peter C.; GARCIA, Arturo  
**(74)** FB Rice Pty Ltd

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**(71)** Eli Lilly and Company  
**(11)** AU-A-2022203372  
**(21)** 2022203372 **(22)** 18.05.2022  
**(54)** Methods of using and compositions  
 containing dulaglutide  
**(51)** Int. Cl.  
**A61K 38/26** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2018372709  
**(72)** COX, David Andrew; MILICEVIC,  
 Zvonko; THAM, Lai San; WERNER,  
 Andrew Gordon; WOODWARD, David  
 Bradley  
**(74)** Spruson & Ferguson

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**(71)** Entellus Medical, Inc.  
**(11)** AU-A-2022203344  
**(21)** 2022203344 **(22)** 18.05.2022  
**(54)** Nasal valve implants and methods of  
 implanting the same  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/24** ( 2006.01 )  
**A61B 17/34** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
**A61M 29/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2017261196  
**(72)** Forsberg, Andrew T.; Duda, Anthony A.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Exel Industries  
**(11)** AU-A-2021261952  
**(21)** 2021261952 **(22)** 05.11.2021  
**(54)** Spraying system for an agricultural ma-  
 chine comprising a regulation valve  
**(51)** Int. Cl.  
**B05B 1/36** ( 2006.01 )  
**B05B 1/32** ( 2006.01 )  
**B05B 1/34** ( 2006.01 )  
**G05D 5/00** ( 2006.01 )



Applications Open to Public Inspection - Name Index cont'd

**G05D 11/00** ( 2006.01 )  
**(31)** FR 2012124 **(32)** 25.11.20 **(33)** FR  
**(43)** 09.06.2022  
**(72)** COLOMBEL, Sylvain; COCATRIX,  
 Michel; PANET, Jérôme  
**(74)** Griffith Hack

**(71)** FalCom A/S  
**(11)** AU-A-2021273568  
**(21)** 2021273568 **(22)** 24.11.2021  
**(54)** Communication system with accessory  
 device configuration  
**(51)** Int. Cl.  
**H04B 1/00** ( 2006.01 )  
**H04B 5/02** ( 2006.01 )  
**H04B 15/00** ( 2006.01 )  
**H04R 1/10** ( 2006.01 )  
**H04W 8/24** ( 2009.01 )  
**H04W 88/18** ( 2009.01 )  
**(31)** PA202070778 **(32)** 24.11.20 **(33)** DK  
**(43)** 09.06.2022  
**(72)** PEDERSEN, Søren Christian Voigt  
**(74)** FB Rice Pty Ltd

**(71)** Fisher & Paykel Healthcare Limited  
**(11)** AU-A-2022203383  
**(21)** 2022203383 **(22)** 19.05.2022  
**(54)** Flow path sensing for flow therapy ap-  
 paratus  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61M 16/12** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016364628  
**(72)** Barker, Dean Anthony; Dickinson, Philip  
 John; Van Schalkwyk, Andre; Lawson,  
 Joel Michael; Donnelly, Jess Edward;  
 Burgess, Russel William  
**(74)** AJ PARK

**(71)** FISHER & PAYKEL HEALTHCARE  
 LIMITED  
**(11)** AU-A-2022203333  
**(21)** 2022203333 **(22)** 18.05.2022  
**(54)** APPARATUS FOR USE IN A RESPIR-  
 ATORY SUPPORT SYSTEM  
**(51)** Int. Cl.  
**A61M 16/08** ( 2006.01 )  
**F16L 37/138** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016347913  
**(72)** Kavermann, Stephen William  
**(74)** AJ PARK

**(71)** Flow Scientific Australia Pty Ltd  
**(11)** AU-A-2020439009  
**(21)** 2020439009 **(22)** 07.10.2020  
**(54)** Disinfectant Dispenser and Method of  
 Construction  
**(51)** Int. Cl.  
**B65D 83/60** ( 2006.01 )  
**(43)** 09.06.2022  
**(72)** YAVORSKY, Austin; COLEMAN, David  
**(74)** Houlihan<sup>2</sup> Pty Ltd

**(71)** Forge Nano, Inc.  
**(11)** AU-A-2022203421  
**(21)** 2022203421 **(22)** 20.05.2022  
**(54)** MANUFACTURING PROCESSES  
 TO SYNTHESIZE, FUNCTIONALIZE,  
 SURFACE TREAT AND/OR ENCAP-  
 SULATE POWDERS, AND APPLICA-  
 TIONS THEREOF  
**(51)** Int. Cl.  
**C23C 16/40** ( 2006.01 )  
**B01J 2/00** ( 2006.01 )  
**B01J 8/00** ( 2006.01 )  
**B22F 1/16** ( 2022.01 )  
**C04B 41/81** ( 2006.01 )  
**C23C 16/44** ( 2006.01 )  
**C23C 16/442** ( 2006.01 )  
**C23C 16/455** ( 2006.01 )  
**C23C 16/52** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2018320958  
**(72)** King, David; Dameron, Arrelaine; Tre-  
 vey, James; Lichty, Paul; Argo, Andrew;  
 Bourgois, Kyle; Ragonesi, James; Ing-  
 ham, Kyle; Jackson, David; Tracy, Ry-  
 on; Nguyen, Nghi; Lyon, Adam; Vil-  
 lagomez, Jose; Curry, Garrett  
**(74)** Phillips Ormonde Fitzpatrick

**Garcia, J. see The Board of Trustees of the  
 University of Illinois**  
**(21)** 2022203368

**(71)** Gas Sensing Technology Corp.  
**(11)** AU-A-2022203402  
**(21)** 2022203402 **(22)** 19.05.2022  
**(54)** Production Tubing Flow Diversion Valve  
**(51)** Int. Cl.  
**E21B 21/00** ( 2006.01 )  
**E21B 34/00** ( 2006.01 )  
**E21B 43/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016311089  
**(72)** Parkins, Jeffrey; Flores, Hugo  
**(74)** HopgoodGanim

**(71)** Genentech, Inc.  
**(11)** AU-A-2022203501  
**(21)** 2022203501 **(22)** 24.05.2022  
**(54)** Therapeutic and diagnostic methods for  
 cancer  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016262074  
**(72)** Kowanetz, Marcin  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Georg Fischer Rohrleitungssysteme AG  
**(11)** AU-A-2022203409  
**(21)** 2022203409 **(22)** 19.05.2022  
**(54)** Method for inspecting a weld  
**(51)** Int. Cl.  
**G06Q 10/10** ( 2012.01 )  
**B29C 65/82** ( 2006.01 )  
**G06N 5/00** ( 2006.01 )

**(43)** 09.06.2022  
**(62)** 2020257052  
**(72)** Wermelinger, Joerg; Barbone, Riccardo  
**(74)** FB Rice Pty Ltd

**(71)** Google LLC  
**(11)** AU-A-2022203362  
**(21)** 2022203362 **(22)** 18.05.2022  
**(54)** FERMIONIC SIMULATION GATES  
**(51)** Int. Cl.  
**G06N 99/00** ( 2019.01 )  
**(43)** 09.06.2022  
**(62)** 2021201028  
**(72)** Babbush, Ryan  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Gordon Sports, LLC  
**(11)** AU-A-2022202322  
**(21)** 2022202322 **(22)** 06.04.2022  
**(54)** Practice Ball  
**(51)** Int. Cl.  
**A63B 43/04** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2017217246  
**(72)** Conen, Allan  
**(74)** Krouzer IP

**Graham, A. see The Board of Trustees of  
 the University of Illinois**  
**(21)** 2022203368

**(71)** Grand Performance Online Pty Limited  
**(11)** AU-A-2022203437  
**(21)** 2022203437 **(22)** 20.05.2022  
**(54)** Autonomous and integrated system,  
 method and computer program for dy-  
 namic optimisation and allocation of re-  
 sources for defined spaces and time  
 periods  
**(51)** Int. Cl.  
**G06Q 50/12** ( 2012.01 )  
**G06Q 10/02** ( 2012.01 )  
**G06Q 10/04** ( 2012.01 )  
**G06Q 10/08** ( 2012.01 )  
**(43)** 09.06.2022  
**(62)** 2021201766  
**(72)** PETROULAS, Peter  
**(74)** Spruson & Ferguson

**(71)** GRID20/20, Inc.  
**(11)** AU-A-2020403706  
**(21)** 2020403706 **(22)** 20.11.2020  
**(54)** Wildfire and public safety event detec-  
 tion systems and methods  
**(51)** Int. Cl.  
**G08B 25/10** ( 2006.01 )  
**(31)** 16/953,788 **(32)** 20.11.20 **(33)** US  
**(43)** 09.06.2022  
**(72)** SNOOK II, W. Alan; ANGELI, Sergio;  
 BEAUDET, Joseph O.  
**(74)** Pizzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

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(71) Halo Smart Solutions, Inc.  
 (11) AU-A-2022203424  
 (21) 2022203424 (22) 20.05.2022  
 (54) SENSOR DEVICE AND SYSTEM  
 (51) Int. Cl.  
*G01D 11/24* ( 2006.01 )  
*G01N 1/02* ( 2006.01 )  
*G01N 1/22* ( 2006.01 )  
*G01N 1/24* ( 2006.01 )  
*G01N 7/16* ( 2006.01 )  
*G01N 33/00* ( 2006.01 )  
*G08B 17/00* ( 2006.01 )  
*G08B 17/10* ( 2006.01 )  
*G08B 17/12* ( 2006.01 )  
*G08B 21/18* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2019292029  
 (72) ANTAR, David; GALBURT, Paul; JACOVINO, Frank L.; PLUNKETT, John B.  
 (74) AJ PARK

(71) Hawass, O.  
 (11) AU-A-2022203417  
 (21) 2022203417 (22) 20.05.2022  
 (54) AERIAL FLUID DELIVERY METHOD AND APPARATUS  
 (51) Int. Cl.  
*A62C 5/02* ( 2006.01 )  
*B64D 1/16* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2016431880  
 (72) Hawass, Oubada  
 (74) Phillips Ormonde Fitzpatrick

(71) HotaluX, Ltd.  
 (11) AU-A-2022203438  
 (21) 2022203438 (22) 20.05.2022  
 (54) RUNWAY-EMBEDDED FLASH LIGHTING DEVICE AND HEAT CONDUCTING MEMBER  
 (51) Int. Cl.  
*F21S 2/00* ( 2016.01 )  
*B64F 1/20* ( 2006.01 )  
*B64F 1/36* ( 2017.01 )  
*F21V 5/00* ( 2018.01 )  
*F21V 8/00* ( 2006.01 )  
*F21V 19/00* ( 2006.01 )  
*F21V 29/503* ( 2015.01 )  
*F21V 29/51* ( 2015.01 )  
*F21V 29/70* ( 2015.01 )  
*F21W 111/06* ( 2006.01 )  
*F21Y 115/10* ( 2016.01 )  
 (43) 09.06.2022  
 (62) 2019368946  
 (72) MIZOBE, Norimasa  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) HOWMEDICA OSTEONICS CORP.  
 (11) AU-A-2021269401  
 (21) 2021269401 (22) 18.11.2021  
 (54) FIXATION DEVICE FOR UNICONDYLAR PROTHESIS  
 (51) Int. Cl.  
*A61F 2/38* ( 2006.01 )  
*A61B 17/56* ( 2006.01 )  
 (31) 63/118,300 (32) 25.11.20 (33) US

(43) 09.06.2022  
 (72) PERRONE, Christine  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Hunter Douglas Inc.  
 (11) AU-A-2022203364  
 (21) 2022203364 (22) 18.05.2022  
 (54) Motor assembly for an architectural covering  
 (51) Int. Cl.  
*E06B 9/72* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2017219848  
 (72) BUCCOLA, Nickolas; FALLER, Kenneth M.  
 (74) Spruson & Ferguson

(71) Hunter Pacific International Pty Ltd  
 (11) AU-A-2021204240  
 (21) 2021204240 (22) 23.06.2021  
 (54) Removable Ceiling Fan Blades  
 (51) Int. Cl.  
*F04D 29/34* ( 2006.01 )  
*F04D 25/08* ( 2006.01 )  
*F04D 29/38* ( 2006.01 )  
 (31) 2020904296 (32) 20.11.20 (33) AU  
 (43) 09.06.2022  
 (72) Allen, Philip; Xi Tang, Tang  
 (74) Franke Hyland Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-A-2022203510  
 (21) 2022203510 (22) 24.05.2022  
 (54) Floating connection between a structural member and a wall member in a building structure  
 (51) Int. Cl.  
*E04B 2/82* ( 2006.01 )  
*E04B 1/26* ( 2006.01 )  
*F16B 25/00* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2016277837  
 (72) Kennelly, Bernard Joseph  
 (74) Davies Collison Cave Pty Ltd

(71) Illumina, Inc.  
 (11) AU-A-2022203375  
 (21) 2022203375 (22) 18.05.2022  
 (54) Flowcell cartridge with floating seal bracket  
 (51) Int. Cl.  
*B01L 3/00* ( 2006.01 )  
*B01L 9/00* ( 2006.01 )  
*G01N 35/00* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2021277652  
 (72) KAPLAN, David Elliott; DE RUYTER, Anthony John; KELLEY, Richard Alan; KUMAR, Ashish  
 (74) WRAYS PTY LTD

(71) Illumina, Inc.; University of Southern California  
 (11) AU-A-2022203428  
 (21) 2022203428 (22) 20.05.2022

(54) GENE EXPRESSION PANEL FOR PROGNOSIS OF PROSTATE CANCER RECURRENCE

(51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )

(43) 09.06.2022  
 (62) 2020202145  
 (72) Fan, Jian-Bing; Stern, Mariana Carla; Pinski, Jacek  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Illumina, Inc.  
 (11) AU-A-2022203458  
 (21) 2022203458 (22) 20.05.2022  
 (54) Tuning and calibration features of a sequence-detection system  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )

(43) 09.06.2022  
 (62) 2018334245  
 (72) MANDELL, Jeffrey G.; GUNDERSON, Kevin L.; KEEHAN, Michael Gregory; GARCIA, Erin Christine  
 (74) WRAYS PTY LTD

(71) Immunis.AI, Inc.  
 (11) AU-A-2022203356  
 (21) 2022203356 (22) 18.05.2022  
 (54) Methods of detecting prostate cancer  
 (51) Int. Cl.  
*G01N 33/574* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )

(43) 09.06.2022  
 (62) 2015314813  
 (72) STYLLI, Harry; KELLY, Colleen; KASSIS, Amin; WOJNO, Kirk J.; ERICKSON, Geoffrey  
 (74) Spruson & Ferguson

(71) Index Systems, Inc.  
 (11) AU-A-2022203463  
 (21) 2022203463 (22) 23.05.2022  
 (54) Managed EMV kernel for faster processing  
 (51) Int. Cl.  
*G06Q 10/00* ( 2012.01 )

(43) 09.06.2022  
 (62) 2020257022  
 (72) WALL, Jonathan; FAVERO, Ross; GLASS, Eric Nelson  
 (74) Spruson & Ferguson

(71) Inscripta, Inc.  
 (11) AU-A-2022203425  
 (21) 2022203425 (22) 20.05.2022  
 (54) Instruments, modules, and methods for improved detection of edited sequences in live cells  
 (51) Int. Cl.  
*B01D 25/00* ( 2006.01 )  
*B01D 25/22* ( 2006.01 )  
*B01D 61/18* ( 2006.01 )

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 (62) 2019292919  
 (72) BELGRADER, Phillip; MASQUELIER, Don; CHABANSKY, Bruce; BERNATE, Jorge; GARST, Andrew; FOX, Richard  
 (74) FB Rice Pty Ltd

(71) Insure The Purchase Assets Pty Ltd  
 (11) AU-A-2020277109  
 (21) 2020277109 (22) 23.11.2020  
 (54) Computational assessment system  
 (51) Int. Cl.  
 G06Q 10/10 ( 2012.01 )  
 (43) 09.06.2022  
 (72) COLLINS, Alexander  
 (74) FB Rice Pty Ltd

(71) Intervet International B.V.  
 (11) AU-A-2022203370  
 (21) 2022203370 (22) 18.05.2022  
 (54) Isoxazoline compositions and their use as antiparasitics  
 (51) Int. Cl.  
 A01N 43/80 ( 2006.01 )  
 A01N 47/12 ( 2006.01 )  
 A01N 47/18 ( 2006.01 )  
 A01N 47/42 ( 2006.01 )  
 A01N 53/12 ( 2006.01 )  
 A01P 7/00 ( 2006.01 )  
 A61K 31/42 ( 2006.01 )

(43) 09.06.2022  
 (62) 2020230282  
 (72) HECKEROTH, Anja Regina; MERTENS, Christina; MITA, Takeshi; WILLIAMS, Heike; LUTZ, Jurgen; ZOLLER, Hartmut  
 (74) Spruson & Ferguson

(71) ISOLYNX, LLC  
 (11) AU-A-2022203000  
 (21) 2022203000 (22) 04.05.2022  
 (54) PLANAR FLEXIBLE RF TAG AND CHARGING DEVICE  
 (51) Int. Cl.  
 H01Q 1/00 ( 2006.01 )  
 H01Q 1/12 ( 2006.01 )  
 H01Q 1/22 ( 2006.01 )  
 H01Q 21/00 ( 2006.01 )  
 H01Q 21/06 ( 2006.01 )

(43) 09.06.2022  
 (62) 2017296326  
 (72) FARKAS, Alexander T.  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Japan Tobacco Inc.; LEO Pharma A/S  
 (11) AU-A-2022203506  
 (21) 2022203506 (22) 24.05.2022  
 (54) PROCESS FOR PREPARING 7H-PYRROLO[2,3-d]PYRIMIDINE DERIVATIVES AND SYNTHETIC INTERMEDIATES THEREOF  
 (51) Int. Cl.  
 C07D 519/00 ( 2006.01 )  
 C07C 271/22 ( 2006.01 )  
 C07D 307/33 ( 2006.01 )  
 C07D 403/06 ( 2006.01 )

C07D 487/10 ( 2006.01 )  
 C07D 491/10 ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2017384317  
 (72) Takiguchi, Hiromu; Higashi, Akinobu; Inaba, Takashi; Watanabe, Takashi; Takeichi, Tsubasa; Petersen, Anders Klarskov; Vedsoe, Per; Jensen, Kim Lebek; Bornholdt, Jan; Ebdrup, Soren  
 (74) Phillips Ormonde Fitzpatrick

(71) JVCKENWOOD Corporation  
 (11) AU-A-2022203353  
 (21) 2022203353 (22) 18.05.2022  
 (54) IMAGE CODING DEVICE, IMAGE CODING METHOD, IMAGE CODING PROGRAM, IMAGE DECODING DEVICE, IMAGE DECODING METHOD AND IMAGE DECODING PROGRAM  
 (51) Int. Cl.  
 H04N 19/119 ( 2014.01 )  
 H04N 19/136 ( 2014.01 )  
 H04N 19/176 ( 2014.01 )  
 H04N 19/196 ( 2014.01 )  
 H04N 19/70 ( 2014.01 )  
 H04N 19/96 ( 2014.01 )  
 (43) 09.06.2022  
 (62) 2020239760  
 (72) FUKUSHIMA, Shigeru  
 (74) WRAYS PTY LTD

LEO Pharma A/S see Japan Tobacco Inc.  
 (21) 2022203506

(71) Liebherr-Werk Nenzing GmbH  
 (11) AU-A-2021273610  
 (21) 2021273610 (22) 25.11.2021  
 (54) System and method for status recognition of a component of a working machine and working machine  
 (51) Int. Cl.  
 G05B 23/02 ( 2006.01 )  
 G05B 1/01 ( 2006.01 )  
 G05B 13/02 ( 2006.01 )  
 (31) 10 2020 131 333.0 (32) 26.11.20 (33) DE  
 (43) 09.06.2022  
 (72) VILBRANDT, Reinhard; SEIFERT, Martin  
 (74) FB Rice Pty Ltd

Luciano, C. see The Board of Trustees of the University of Illinois  
 (21) 2022203368

(71) Magic Leap, Inc.  
 (11) AU-A-2022203390  
 (21) 2022203390 (22) 19.05.2022  
 (54) Room layout estimation methods and techniques  
 (51) Int. Cl.  
 G06N 3/02 ( 2006.01 )

(43) 09.06.2022  
 (62) 2018236433  
 (72) Rabinovich, Andrew; Badrinarayanan, Vijay; Lee, Chen-Yu; Malisiewicz, Tomasz  
 (74) Davies Collison Cave Pty Ltd

(71) Medos International Sàrl  
 (11) AU-A-2021273516  
 (21) 2021273516 (22) 22.11.2021  
 (54) Arthroscopic medical implements and assemblies  
 (51) Int. Cl.  
 A61B 1/317 ( 2006.01 )  
 A61B 1/012 ( 2006.01 )  
 A61B 1/04 ( 2006.01 )  
 A61B 1/06 ( 2006.01 )  
 A61B 17/56 ( 2006.01 )  
 A61B 18/18 ( 2006.01 )  
 A61B 34/20 ( 2016.01 )  
 (31) 17/101,244 (32) 23.11.20 (33) US  
 (43) 09.06.2022  
 (72) BARRY, Donald E.; BLANQUART, Laurent; SHAINWALD, Mark; GUILHERME, Andre Francisco  
 (74) Spruson & Ferguson

(71) Medos International Sàrl  
 (11) AU-A-2021273517  
 (21) 2021273517 (22) 22.11.2021  
 (54) Arthroscopic medical implements and assemblies  
 (51) Int. Cl.  
 A61B 1/317 ( 2006.01 )  
 A61B 1/012 ( 2006.01 )  
 A61B 1/04 ( 2006.01 )  
 A61B 1/06 ( 2006.01 )  
 A61B 17/56 ( 2006.01 )  
 A61B 18/18 ( 2006.01 )  
 A61B 34/20 ( 2016.01 )  
 (31) 17/101,259 (32) 23.11.20 (33) US  
 (43) 09.06.2022  
 (72) BARRY, Doanld E.; BLANQUART, Laurent; SHAINWALD, Mark; THISTLE, Robert C.; GUILHERME, Andre Francisco  
 (74) Spruson & Ferguson

(71) Mine Site Technologies Pty Ltd  
 (11) AU-A-2022203434  
 (21) 2022203434 (22) 20.05.2022  
 (54) Wireless communications unit  
 (51) Int. Cl.  
 H02J 7/00 ( 2006.01 )  
 H04L 29/00 ( 2006.01 )  
 H04W 88/08 ( 2009.01 )

(43) 09.06.2022  
 (62) 2017298016  
 (72) McLean, Stuart  
 (74) Allens Patent & Trade Mark Attorneys

(71) Mitsubishi Chemical Corporation  
 (11) AU-A-2022203499  
 (21) 2022203499 (22) 24.05.2022  
 (54) Ammonia separation method and zeolite  
 (51) Int. Cl.

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**B01D 53/22** ( 2006.01 )  
**B01D 69/02** ( 2006.01 )  
**B01D 71/02** ( 2006.01 )  
**C01B 39/48** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2018286313  
**(72)** TANAKA, Manabu; MATSUO, Takeshi;  
 AOSHIMA, Takayuki  
**(74)** Spruson & Ferguson

**(71)** Nantong University  
**(11)** AU-A-2021307014  
**(21)** 2021307014 **(22)** 08.05.2021  
**(54)** miR-30a-5p and application thereof in promoting nerve regeneration and repairing peripheral nerve injury  
**(51)** Int. Cl.  
**A61K 31/7105** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**G01N 33/50** ( 2006.01 )  
**(31)** 202011328557.X **(32)** 24.11.20 **(33)** CN  
**(43)** 09.06.2022  
**(72)** ZHOU, Songlin; DING, Fei; SHI, Haiyan; CONG, Meng; SHEN, Mi; ZHANG, Qi  
**(74)** Spruson & Ferguson

**(71)** Neurocrine Biosciences, Inc.  
**(11)** AU-A-2022203327  
**(21)** 2022203327 **(22)** 17.05.2022  
**(54)** Methods for the administration of certain VMAT2 inhibitors  
**(51)** Int. Cl.  
**A61K 31/13** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61K 31/417** ( 2006.01 )  
**A61K 31/47** ( 2006.01 )  
**A61K 31/496** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C12N 9/02** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2017395700  
**(72)** O'BRIEN, Christopher F.; BOZIGIAN, Haig P.  
**(74)** FB Rice Pty Ltd

**(71)** Newton, S.  
**(11)** AU-A-2021273541  
**(21)** 2021273541 **(22)** 23.11.2021  
**(54)** A Shield Assembly for Roof Works  
**(51)** Int. Cl.  
**B05B 14/44** ( 2018.01 )  
**B05B 16/40** ( 2018.01 )  
**B05D 1/32** ( 2006.01 )  
**E04G 5/04** ( 2006.01 )  
**E04G 23/00** ( 2006.01 )  
**B05D 5/00** ( 2006.01 )  
**E04G 21/24** ( 2006.01 )  
**(31)** 2020904314 **(32)** 23.11.20 **(33)** AU  
**(43)** 09.06.2022  
**(72)** Newton, Stephen  
**(74)** Eagar & Associates Pty Ltd

**(71)** NGeneBio Co., Ltd.  
**(11)** AU-A-2021269402  
**(21)** 2021269402 **(22)** 18.11.2021  
**(54)** PERSONALIZED MEAL DIET AND EXERCISE PROVIDING METHOD USING INTEGRATED HEALTH INFORMATION AND SERVICE SYSTEM  
**(51)** Int. Cl.  
**G16H 50/00** ( 2018.01 )  
**G16B 40/00** ( 2019.01 )  
**G16H 10/00** ( 2018.01 )  
**(31)** 10-2020-0158477 **(32)** 24.11.20 **(33)** KR  
**(43)** 09.06.2022  
**(72)** Yang, Sung Woo; Yu, Hyo Jin; Song, Young Kyu; Jung, Soon Woo; Jung, Jin Hyuck  
**(74)** Michael Buck IP

**(71)** NGeneBio Co., Ltd.  
**(11)** AU-A-2021269412  
**(21)** 2021269412 **(22)** 18.11.2021  
**(54)** PERSONALIZED CONTENT PROVIDING METHOD BASED ON PERSONAL MULTIPLE FEATURE INFORMATION AND ANALYSIS APPARATUS  
**(51)** Int. Cl.  
**G16H 50/20** ( 2018.01 )  
**G06N 20/00** ( 2019.01 )  
**(31)** 10-2020-0160577 **(32)** 26.11.20 **(33)** KR  
**(43)** 09.06.2022  
**(72)** Yang, Sung Woo  
**(74)** Michael Buck IP

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**(21)** 2022203368

**(71)** Nokia Technologies Oy  
**(11)** AU-A-2022203398  
**(21)** 2022203398 **(22)** 19.05.2022  
**(54)** Methods, devices and computer readable medium for new radio management measurement  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**(43)** 09.06.2022  
**(62)** 2018403263  
**(72)** ZHANG, Li; DALSGAARD, Lars  
**(74)** Spruson & Ferguson

**(71)** Nokia Technologies Oy  
**(11)** AU-A-2022203487  
**(21)** 2022203487 **(22)** 23.05.2022  
**(54)** On the usage of control resources for data transmission  
**(51)** Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04W 72/04** ( 2009.01 )  
**H04W 72/12** ( 2009.01 )  
**H04W 72/10** ( 2009.01 )  
**(43)** 09.06.2022  
**(62)** 2017306778  
**(72)** PAJUKOSKI, Kari P.; TIROLA, Esa T.; HAKOLA, Sami-Jukka; LAHETKAN-GAS, Eeva  
**(74)** Spruson & Ferguson

**(71)** NOMURA RESEARCH INSTITUTE, LTD.  
**(11)** AU-A-2021229176  
**(21)** 2021229176 **(22)** 08.09.2021  
**(54)** Product sales system  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**B25J 5/02** ( 2006.01 )  
**B25J 15/06** ( 2006.01 )  
**B65G 1/137** ( 2006.01 )  
**B65G 61/00** ( 2006.01 )  
**B65G 65/02** ( 2006.01 )  
**G05B 19/12** ( 2006.01 )  
**G05B 19/18** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )  
**G06Q 30/06** ( 2012.01 )  
**G06T 7/50** ( 2017.01 )  
**G07G 1/00** ( 2006.01 )  
**(31)** 2020-196288 **(32)** 26.11.20 **(33)** JP  
 2020-196289 26.11.20 JP  
**(43)** 09.06.2022  
**(72)** Hiroto, Kenichiro; Shimada, Haruki; Kato, Kojiro  
**(74)** Cotters Patent & Trade Mark Attorneys

**(71)** NOVOLUTO GmbH  
**(11)** AU-A-2022203319  
**(21)** 2022203319 **(22)** 17.05.2022  
**(54)** Stimulation device  
**(51)** Int. Cl.  
**A61H 19/00** ( 2006.01 )  
**A61H 9/00** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020227039  
**(72)** Lenke, Michael  
**(74)** James & Wells Intellectual Property

**(71)** Nunhems B.V.  
**(11)** AU-A-2020277212  
**(21)** 2020277212 **(22)** 26.11.2020  
**(54)** Tomato variety NUN 09271 TOF  
**(51)** Int. Cl.  
**A01H 6/82** ( 2018.01 )  
**(43)** 09.06.2022  
**(72)** Silvertand, Ben  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Nunhems B.V.  
**(11)** AU-A-2020277213  
**(21)** 2020277213 **(22)** 26.11.2020  
**(54)** Tomato variety NUN 09272 TOF  
**(51)** Int. Cl.  
**A01H 6/82** ( 2018.01 )  
**(43)** 09.06.2022  
**(72)** Silvertand, Ben  
**(74)** Davies Collison Cave Pty Ltd

**(71)** ONK Therapeutics Limited  
**(11)** AU-A-2022203339  
**(21)** 2022203339 **(22)** 18.05.2022  
**(54)** Modified natural killer cells and natural killer cell lines having increased cytotoxicity  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**A61K 35/17** ( 2015.01 )  
**C12N 15/63** ( 2006.01 )

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 (62) 2016300128  
 (72) O'DWYER, Michael Eamon Peter  
 (74) Spruson & Ferguson

(71) Orison, Inc.  
 (11) AU-A-2022203378  
 (21) 2022203378 (22) 18.05.2022  
 (54) PLUG AND PLAY WITH SMART ENERGY STORAGE UNITS  
 (51) Int. Cl.  
*H02J 3/32* ( 2006.01 )  
*H02J 3/14* ( 2006.01 )  
*H02J 15/00* ( 2006.01 )

(43) 09.06.2022  
 (62) 2017311235  
 (72) Clifton, Eric Douglass; Emanuel, Michael  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Orthosoft ULC  
 (11) AU-A-2022203445  
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 (54) SOFT TISSUE BALANCING IN ROBOTIC KNEE SURGERY  
 (51) Int. Cl.  
*A61B 5/11* ( 2006.01 )  
*A61B 17/88* ( 2006.01 )  
*A61B 34/30* ( 2016.01 )

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 (72) Couture, Pierre  
 (74) Phillips Ormonde Fitzpatrick

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 (51) Int. Cl.  
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*G06Q 10/04* ( 2012.01 )  
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(71) PayPal, Inc.  
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 (54) Using ephemeral URL passwords to deter high-volume attacks  
 (51) Int. Cl.  
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 (72) FRANCO, John  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Pivot Bio, Inc.  
 (11) AU-A-2022203325  
 (21) 2022203325 (22) 17.05.2022  
 (54) Methods and compositions for improving plant traits  
 (51) Int. Cl.  
*C05F 11/08* ( 2006.01 )  
*C07K 14/195* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
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 (74) Spruson & Ferguson

(71) Plucks Engineering Limited  
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 (54) IMPROVED BICYCLE CARRIER FOR VEHICLES  
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*B60R 9/10* ( 2006.01 )  
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*B60R 11/00* ( 2006.01 )  
 (31) 770375 (32) 26.11.20 (33) NZ  
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 (72) FITZGERALD, Christian; PLUCK, Neil  
 (74) P.L. Berry & Associates Ltd

(71) Poviva Corp.  
 (11) AU-A-2022203399  
 (21) 2022203399 (22) 19.05.2022  
 (54) METHODS FOR FORMULATING ORALLY INGESTIBLE COMPOSITIONS COMPRISING LIPOPHILIC ACTIVE AGENTS  
 (51) Int. Cl.  
*A61K 31/167* ( 2006.01 )  
*A61K 31/192* ( 2006.01 )  
*A61K 31/196* ( 2006.01 )  
*A61K 31/352* ( 2006.01 )  
*A61K 31/355* ( 2006.01 )  
*A61K 31/405* ( 2006.01 )  
*A61K 31/455* ( 2006.01 )  
*A61K 31/5415* ( 2006.01 )  
*A61K 31/616* ( 2006.01 )  
*A61K 36/185* ( 2006.01 )  
*A61K 36/82* ( 2006.01 )  
*A61P 3/00* ( 2006.01 )  
*A61P 5/00* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 31/18* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )

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 (72) Docherty, John; Bunka, Christopher Andrew; Ihrke, Thomas James  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) PPG Industries Ohio, Inc.  
 (11) AU-A-2022203380  
 (21) 2022203380 (22) 18.05.2022  
 (54) Coreactive materials and methods for three-dimensional printing  
 (51) Int. Cl.  
*B29C 67/00* ( 2017.01 )

*B33Y 70/00* ( 2020.01 )  
*C08G 18/32* ( 2006.01 )  
*C08G 18/38* ( 2006.01 )  
*C08G 18/48* ( 2006.01 )  
*C08G 18/50* ( 2006.01 )  
*C08G 18/75* ( 2006.01 )  
*C08G 18/79* ( 2006.01 )  
*C08K 3/36* ( 2006.01 )  
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 (74) Minter Ellison

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 (11) AU-A-2022203346  
 (21) 2022203346 (22) 18.05.2022  
 (54) Method and system for microbiome-derived characterization, diagnostics, and therapeutics for cardiovascular disease conditions  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*G01N 33/48* ( 2006.01 )  
*G01N 33/569* ( 2006.01 )

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 (74) Clark Intellectual Property Pty Ltd

(71) Psomagen, Inc.  
 (11) AU-A-2022203347  
 (21) 2022203347 (22) 18.05.2022  
 (54) Method and system for microbiome-derived characterization, diagnostics and therapeutics for conditions associated with functional features  
 (51) Int. Cl.  
*C12Q 1/68* ( 2018.01 )  
*G01N 33/48* ( 2006.01 )  
*G01N 33/569* ( 2006.01 )

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 (74) Clark Intellectual Property Pty Ltd

(71) Q30 Sports Science, LLC  
 (11) AU-A-2022203468  
 (21) 2022203468 (22) 23.05.2022  
 (54) Methods and devices to reduce damaging effects of concussive or blast forces on a subject  
 (51) Int. Cl.  
*A61B 17/132* ( 2006.01 )  
*A61B 17/135* ( 2006.01 )  
*A61H 39/04* ( 2006.01 )

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 (11) AU-A-2022203335  
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 (54) Bio-mechanical prosthetic finger with H-shaped rocker  
 (51) Int. Cl.  
**A61F 2/54** ( 2006.01 )  
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 (62) 2020233765  
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 (74) CreateIP
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- (71) Red Bull GmbH  
 (11) AU-A-2021273514  
 (21) 2021273514 (22) 22.11.2021  
 (54) Method for preparing an extract containing gallic acid, aqueous concentrate containing gallic acid, and food-stuff and food supplement containing the aqueous concentrate  
 (51) Int. Cl.  
**C12P 7/42** ( 2006.01 )  
 (31) 20209040.3 (32) 20.11.20 (33) EP  
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 (21) 2021203020 (22) 12.05.2021  
 (54) ATTACHMENT POSITION ADJUSTABLE MEMBRANE  
 (51) Int. Cl.  
**H04R 9/02** ( 2006.01 )  
**H04R 9/00** ( 2006.01 )  
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 (72) LI, Chuan-En  
 (74) TIDY TEND GLOBAL PTY LTD
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 (11) AU-A-2021221740  
 (21) 2021221740 (22) 25.08.2021  
 (54) Crankcase Filter  
 (51) Int. Cl.  
**F01M 13/04** ( 2006.01 )  
**F16K 17/00** ( 2006.01 )  
**F16K 37/00** ( 2006.01 )  
**F01M 13/00** ( 2006.01 )  
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 (43) 09.06.2022  
 (72) Hampton, Alastair; Hart, Herman  
 (74) Griffith Hack
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 (11) AU-A-2022203444  
 (21) 2022203444 (22) 20.05.2022  
 (54) Compositions and methods for treating CNS disorders  
 (51) Int. Cl.

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**A01N 51/00** ( 2006.01 )  
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 (21) 2022203504 (22) 24.05.2022  
 (54) ONCOLYTIC TUMOR VIRUSES AND METHODS OF USE  
 (51) Int. Cl.  
**C12N 7/01** ( 2006.01 )  
**A61K 35/761** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
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- (71) SAMSUNG ELECTRONICS CO., LTD.  
 (11) AU-A-2022203331  
 (21) 2022203331 (22) 17.05.2022  
 (54) Multiplexing control information in a physical uplink data channel  
 (51) Int. Cl.  
**H04L 5/00** ( 2006.01 )  
**H04L 1/00** ( 2006.01 )  
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- (71) Sawafuji Electric Co., Ltd.  
 (11) AU-A-2021269438  
 (21) 2021269438 (22) 19.11.2021  
 (54) Separator-supporting bracket, basket, and portable refrigerator  
 (51) Int. Cl.  
**F25D 25/00** ( 2006.01 )  
**F25D 23/08** ( 2006.01 )  
 (31) 2020-193455 (32) 20.11.20 (33) JP  
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 (21) 2022203355 (22) 18.05.2022  
 (54) Concentrator and crystallizer evaporation system  
 (51) Int. Cl.  
**B01D 19/00** ( 2006.01 )  
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 (62) 2020202347  
 (72) Schleiffarth, James  
 (74) FB Rice Pty Ltd
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 (11) AU-A-2022203513  
 (21) 2022203513 (22) 24.05.2022

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 (51) Int. Cl.  
**H04L 67/125** ( 2022.01 )  
**H04L 45/64** ( 2022.01 )  
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 (72) Mehmedagic, Alen; Vallala, Vijay  
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 (54) Bellows for seat assembly  
 (51) Int. Cl.  
**B60N 2/50** ( 2006.01 )  
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 (11) AU-A-2022203376  
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 (54) WEIGHT MONITORING-BASED COMMODITY SENSING SYSTEM AND COMMODITY SENSING METHOD  
 (51) Int. Cl.  
**G01G 19/00** ( 2006.01 )  
**G06F 17/00** ( 2019.01 )  
**G06Q 10/08** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
**G07C 9/00** ( 2020.01 )  
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 (51) Int. Cl.  
**A62C 3/02** ( 2006.01 )  
**E04B 1/94** ( 2006.01 )  
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 (74) Patentec Patent Attorneys

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 (11) AU-A-2021204591  
 (21) 2021204591 (22) 30.06.2021  
 (54) SOCKET DRIVE IMPROVEMENT  
 (51) Int. Cl.  
**B25B 13/06** ( 2006.01 )  
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 (54) A THERMOSTAT  
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 (74) Gestalt Law Pty Ltd

(71) Solar Pile International (HK) Ltd  
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 (54) Screw pile and drive tool  
 (51) Int. Cl.  
**E02D 5/56** ( 2006.01 )  
**E02D 7/22** ( 2006.01 )  
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(71) Soul Machines  
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 (54) SKELETAL ANIMATION IN EMBODIED AGENTS  
 (51) Int. Cl.  
**G06T 13/40** ( 2011.01 )  
**G06N 20/00** ( 2019.01 )  
**G06T 19/20** ( 2011.01 )  
**G06F 3/04845** ( 2022.01 )  
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 (54) Injection head for excitation of fluid  
 (51) Int. Cl.  
**B05B 17/06** ( 2006.01 )  
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(71) State Grid Jiangsu Electric Power Co., LTD, Nanjing Power Supply Branch  
 (11) AU-A-2021232743  
 (21) 2021232743 (22) 15.09.2021  
 (54) METHOD AND SYSTEM FOR TRANSMITTING MULTIPLEXING DATA OVER DISTRIBUTED PHOTOVOLTAIC POWER CHANNELS  
 (51) Int. Cl.  
**G08C 17/02** ( 2006.01 )  
**G08C 19/00** ( 2006.01 )  
**H04B 3/46** ( 2015.01 )  
**H04B 3/54** ( 2006.01 )  
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(71) Stryker Corporation  
 (11) AU-A-2022203351  
 (21) 2022203351 (22) 18.05.2022  
 (54) Lift assembly for patient support apparatus  
 (51) Int. Cl.  
**A61G 13/06** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Sugar Beets, LLC  
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 (54) DECORATIVE HOLDER FOR FOOD-STUFF TRAYS, TINS, AND PANS  
 (51) Int. Cl.  
**A47J 47/16** ( 2006.01 )  
**A45C 11/20** ( 2006.01 )  
**A47J 47/02** ( 2006.01 )  
**B65D 21/02** ( 2006.01 )  
**B65D 25/02** ( 2006.01 )  
**B65F 1/00** ( 2006.01 )  
 (31) 17/104,920 (32) 25.11.20 (33) US  
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 (72) Casey, Jane; Cykman, Andy; Snyker, Mark  
 (74) Michael Buck IP

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 (11) AU-A-2021218037  
 (21) 2021218037 (22) 17.08.2021  
 (54) Intelligent switch device and power generation system  
 (51) Int. Cl.  
**H02J 9/00** ( 2006.01 )  
**H02H 99/00** ( 2009.01 )

**H02J 4/00** ( 2006.01 )  
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(71) SuperSonic Imagine  
 (11) AU-A-2021232671  
 (21) 2021232671 (22) 14.09.2021  
 (54) METHOD AND SYSTEM FOR COMPENSATING DEPTH-DEPENDENT ATTENUATION IN ULTRASONIC SIGNAL DATA  
 (51) Int. Cl.  
**G01S 7/527** ( 2006.01 )  
**G01H 3/08** ( 2006.01 )  
**G01S 3/86** ( 2006.01 )  
**G01S 15/04** ( 2006.01 )  
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 (43) 09.06.2022  
 (72) Fraschini, Christophe; Zhang, Bo  
 (74) Phillips Ormonde Fitzpatrick

(71) Takeda Vaccines, Inc.  
 (11) AU-A-2022203422  
 (21) 2022203422 (22) 20.05.2022  
 (54) Zika Vaccines And Immunogenic Compositions, And Methods Of Using The Same  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
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 (74) WRAYS PTY LTD

(71) Technological Resources Pty. Limited  
 (11) AU-A-2022203406  
 (21) 2022203406 (22) 19.05.2022  
 (54) RAILROAD SIGNALLING SYSTEM  
 (51) Int. Cl.  
**B61L 3/00** ( 2006.01 )  
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 (62) 2016213834  
 (72) PEREIRA, TIBERIO VIRGILIO NOGUEIRA; DA COSTA, ILIDIO GOUVEIA; KANAKIS, JAMES PETER  
 (74) Griffith Hack

(71) TECHNOLOGIES ENDURIDE INC  
 (11) AU-A-2021240239  
 (21) 2021240239 (22) 30.09.2021  
 (54) BELT CONVEYOR ROLLER WEAR LINER, BELT CONVEYOR ROLLER AND CONVEYOR INCLUDING SAME AND CORRESPONDING METHOD  
 (51) Int. Cl.  
**B65G 39/07** ( 2006.01 )  
**B65G 21/20** ( 2006.01 )  
**B65G 23/02** ( 2006.01 )  
**B65G 23/04** ( 2006.01 )  
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**C04B 35/00** ( 2006.01 )  
**C04B 35/01** ( 2006.01 )  
**C04B 35/10** ( 2006.01 )  
**F16H 55/00** ( 2006.01 )  
**(31)** 63/117,075 **(32)** 23.11.20 **(33)** US  
**(43)** 09.06.2022  
**(72)** LAFLAMME, Richard; BOIES, David  
**(74)** Michael Buck IP
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- (71)** Terex GB Limited  
**(11)** AU-A-2021269435  
**(21)** 2021269435 **(22)** 19.11.2021  
**(54)** FOLDABLE CONVEYOR WITH DE-  
 PLOYABLE SKIRTING  
**(51)** Int. Cl.  
**B65G 47/14** ( 2006.01 )  
**B65G 47/04** ( 2006.01 )  
**(31)** 2018490.9 **(32)** 24.11.20 **(33)** GB  
**(43)** 09.06.2022  
**(72)** Keown, Brendan; McKernan, Ryan  
**(74)** Madderns Pty Ltd
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**(11)** AU-A-2021269358  
**(21)** 2021269358 **(22)** 17.11.2021  
**(54)** METHOD FOR DETERMINING A  
 PREIMAGE ELEMENT OF A CRYPTO-  
 GRAPHIC HASH FUNCTION, COM-  
 PUTER PROGRAM, AND DATA PRO-  
 CESSING SYSTEM  
**(51)** Int. Cl.  
**H04L 9/06** ( 2006.01 )  
**G06F 17/12** ( 2006.01 )  
**G06N 10/00** ( 2019.01 )  
**(31)** 20209837.2 **(32)** 25.11.20 **(33)** EP  
**(43)** 09.06.2022  
**(72)** PAKHOMCHIK, Aleksey; VO-  
 LOSHINOV, Vladimir  
**(74)** Griffith Hack
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 Stanford Junior University  
**(11)** AU-A-2022203348  
**(21)** 2022203348 **(22)** 18.05.2022  
**(54)** Methods for diagnosis of sepsis  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C12N 15/11** ( 2006.01 )  
**C40B 40/08** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016228508  
**(72)** Khatri, Purvesh; Sweeney, Timothy E.  
**(74)** FPA Patent Attorneys Pty Ltd
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 of Illinois; Young, M.J.; Niederberger,  
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 cia, J.; Shah, S.; Covnot, L.; Ahsan, Z.;  
 Wilkens, K.; Luciano, C.  
**(11)** AU-A-2022203368  
**(21)** 2022203368 **(22)** 18.05.2022  
**(54)** Patient stabilization and securing  
 device for robotic and laparoscopic sur-  
 geries in trendelenburg position  
**(51)** Int. Cl.  
**A61G 13/02** ( 2006.01 )
- A61F 5/37** ( 2006.01 )  
**A61G 7/005** ( 2006.01 )  
**A61G 13/04** ( 2006.01 )  
**A61G 13/12** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2019260798  
**(72)** YONG, Michael J.; NIEDERBERGER,  
 Craig; PFANNER, Stephan Peter;  
 GRAHAM, Andrew; GARCIA, Julissa;  
 SHAH, Sweta; COVNOT, Leigha; AH-  
 SAN, Zahra; WILKENS, Kimberlee; LU-  
 CIANO, Cristian  
**(74)** Spruson & Ferguson
- 
- (71)** The Leisure Collective International Pty  
 Ltd  
**(11)** AU-A-2022203410  
**(21)** 2022203410 **(22)** 19.05.2022  
**(54)** Tethering accessory for water-sports  
 board or water recreation board  
**(51)** Int. Cl.  
**B63B 32/22** ( 2020.01 )  
**(43)** 09.06.2022  
**(62)** 2017220383  
**(72)** Partington, Shane Robert; Anderson,  
 Paul Jonathon  
**(74)** Griffith Hack
- 
- (71)** The Medical College of Wisconsin, Inc.  
**(11)** AU-A-2022203482  
**(21)** 2022203482 **(22)** 23.05.2022  
**(54)** Multiplexed optimized mismatch ampli-  
 fication (MOMA)-real time PCR for as-  
 sessing cell-free DNA  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**(43)** 09.06.2022  
**(62)** 2016255573  
**(72)** Mitchell, Aoy Tomita; Mitchell, Michael;  
 Stamm, Karl  
**(74)** Pizzseys Patent and Trade Mark Attor-  
 neys Pty Ltd
- 
- (71)** The Procter & Gamble Company  
**(11)** AU-A-2022203503  
**(21)** 2022203503 **(22)** 24.05.2022  
**(54)** Kit for tooth whitening  
**(51)** Int. Cl.  
**A61Q 11/02** ( 2006.01 )  
**A61K 8/06** ( 2006.01 )  
**A61K 8/22** ( 2006.01 )  
**A61K 8/31** ( 2006.01 )  
**A61K 8/81** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020250292  
**(72)** Rajaiiah, Jayanth; Sagel, Paul Albert  
**(74)** Griffith Hack
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- (71)** The Regents of the University of Cali-  
 fornia  
**(11)** AU-A-2022203288  
**(21)** 2022203288 **(22)** 17.05.2022  
**(54)** Antimicrobial therapy  
**(51)** Int. Cl.  
**A61K 35/74** ( 2015.01 )  
**A61K 35/741** ( 2015.01 )  
**A61K 35/744** ( 2015.01 )
- A61P 31/04** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016256882  
**(72)** Nakatsuji, Teruaki; Gallo, Richard L.  
**(74)** FB Rice Pty Ltd
- 
- (71)** Thermo Fisher Scientific (Bremen)  
 GmbH  
**(11)** AU-A-2021273542  
**(21)** 2021273542 **(22)** 23.11.2021  
**(54)** Diagnostic testing method for a spectro-  
 meter  
**(51)** Int. Cl.  
**G01N 21/39** ( 2006.01 )  
**G01J 3/10** ( 2006.01 )  
**(31)** 2018380.2 **(32)** 23.11.20 **(33)** GB  
**(43)** 09.06.2022  
**(72)** MURTAZIN, Ayrat; GEISLER, Sebasti-  
 an  
**(74)** Spruson & Ferguson
- 
- (71)** The Trustees of the University of  
 Pennsylvania  
**(11)** AU-A-2022203342  
**(21)** 2022203342 **(22)** 18.05.2022  
**(54)** AAV-mediated expression of anti-influ-  
 enza antibodies and methods of use  
 thereof  
**(51)** Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016275909  
**(72)** Limberis, Maria P.; Tretiakova, Anna P.;  
 Wilson, James M.  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** The United States of America, as rep-  
 resented by the Secretary, Department  
 of Health and Human Services  
**(11)** AU-A-2022203507  
**(21)** 2022203507 **(22)** 24.05.2022  
**(54)** Methods of isolating T cells and T cell  
 receptors having antigenic specificity  
 for a cancer-specific mutation from peri-  
 pheral blood  
**(51)** Int. Cl.  
**C12N 5/0783** ( 2010.01 )  
**(43)** 09.06.2022  
**(62)** 2016258845  
**(72)** GROS, Alena; ROSENBERG, Steven  
 A.  
**(74)** Spruson & Ferguson
- 
- (71)** Translate Bio MA, Inc.  
**(11)** AU-A-2022203361  
**(21)** 2022203361 **(22)** 18.05.2022  
**(54)** Compositions and methods for modu-  
 lating RNA  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**C12N 15/67** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2016219052  
**(72)** Ozsolak, Fatih  
**(74)** Davies Collison Cave Pty Ltd



Applications Open to Public Inspection - Name Index cont'd

(71) Transportation IP Holdings, LLC  
 (11) AU-A-2022203337  
 (21) 2022203337 (22) 18.05.2022  
 (54) VEHICLE COMMUNICATION SYSTEM  
 (51) Int. Cl.  
*H04W 84/10* ( 2009.01 )  
*H04W 4/40* ( 2018.01 )  
*H04W 84/00* ( 2009.01 )  
 (43) 09.06.2022  
 (62) 2018220617  
 (72) Kraeling, Mark Bradshaw; Listoe, Tyler; Mantelet, Guillaume; Edie, Earle; McKay, Andrew  
 (74) Phillips Ormonde Fitzpatrick

(71) Tritana Intellectual Property Ltd.  
 (11) AU-A-2022203321  
 (21) 2022203321 (22) 17.05.2022  
 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM  
 (51) Int. Cl.  
*A01D 41/12* ( 2006.01 )  
*A01D 75/00* ( 2006.01 )  
*A01F 12/42* ( 2006.01 )  
*A01F 12/44* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2021200395  
 (72) Mayerle, Dean  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Ultima Genomics, Inc.  
 (11) AU-A-2022203479  
 (21) 2022203479 (22) 23.05.2022  
 (54) RNA sequencing methods  
 (51) Int. Cl.  
*C12N 15/09* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*C12Q 1/6816* ( 2018.01 )  
*C12Q 1/6827* ( 2018.01 )  
 (43) 09.06.2022  
 (62) 2020309582  
 (72) OBERSTRASS, Florian; ALMOGY, Gilad  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Unboxy Pty Ltd  
 (11) AU-A-2020277190  
 (21) 2020277190 (22) 25.11.2020  
 (54) A construction kit  
 (51) Int. Cl.  
*A63H 33/10* ( 2006.01 )  
 (43) 09.06.2022  
 (72) Dwyer, Matthew Simon; Thompson, Garry Peter; Leathendale, Sean Adam; Chow, Sovina Hin Heng; Deed, Craig Geoffrey; Zerman, Belinda Anne Lathrop; Shi, Yeqian; Tremewen, Amy Keveen; Southall, Anne Elizabeth; Kabas, Devla; Deng, Hayley Xiyang; Donato, Laura Alexandria; Soulsby, Matthew James; Hur, Rachel; Wong-congsawat, Sai Warangkana; Choate, David William; Lane, Matthew Stephen; Peucker, Nathan Adam; Trist, Sophia Elizabeth; Hargreaves, Tina Tiprachanh; McPherson, Mary Dominica;

Byrne, Victoria Prudence; Ammen, Vian Nazar  
 (74) Intellepro

(71) University of Rhode Island Board of Trustees; YALE UNIVERSITY  
 (11) AU-A-2022203395  
 (21) 2022203395 (22) 19.05.2022  
 (54) Fluorescent compound comprising a fluorophore conjugated to a pH - triggered polypeptide  
 (51) Int. Cl.  
*C07K 7/06* ( 2006.01 )  
*A61K 38/00* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*C07K 14/00* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2017330430  
 (72) RESHETNYAK, Yana K.; ANDREEV, Oleg A.; ENGELMAN, Donald M.  
 (74) Griffith Hack

University of Southern California see Illumina, Inc.  
 (21) 2022203428

(71) ViaCyte, Inc.  
 (11) AU-A-2022203343  
 (21) 2022203343 (22) 18.05.2022  
 (54) SCALABLE PRIMATE PLURIPOTENT STEM CELL AGGREGATE SUSPENSION CULTURE AND DIFFERENTIATION THEREOF  
 (51) Int. Cl.  
*C12N 5/0735* ( 2010.01 )  
*C12N 5/074* ( 2010.01 )  
 (43) 09.06.2022  
 (62) 2019200532  
 (72) Schulz, Thomas C.  
 (74) RnB IP Pty Ltd

(71) View, Inc.  
 (11) AU-A-2022203439  
 (21) 2022203439 (22) 20.05.2022  
 (54) Self-contained EC IGU  
 (51) Int. Cl.  
*E06B 7/00* ( 2006.01 )  
*E06B 3/66* ( 2006.01 )  
*E06B 9/24* ( 2006.01 )  
*G02F 1/163* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2021201145  
 (72) BROWN, Stephen C.; SHRIVASTAVA, Dhairya; KLAUWUHN, Erich R.; FRANK, Trevor; SILKWOOD, Douglas  
 (74) Spruson & Ferguson

(71) Vivosens Inc.  
 (11) AU-A-2021273584  
 (21) 2021273584 (22) 24.11.2021  
 (54) SYSTEM FOR CONDUCTING URINALYSIS  
 (51) Int. Cl.  
*A61B 5/20* ( 2006.01 )  
*A61B 5/1468* ( 2006.01 )  
*G01N 1/20* ( 2006.01 )

*G01N 21/78* ( 2006.01 )  
*G01N 33/493* ( 2006.01 )  
*G01N 33/50* ( 2006.01 )  
 (31) 63/117,464 (32) 24.11.20 (33) US  
 (43) 09.06.2022  
 (72) TAYFUN, Miray; KARACAOGLU, Balim Bengisu; RADMAN, George  
 (74) Wallington-Dummer

(71) Wabash National, L.P.  
 (11) AU-A-2021269300  
 (21) 2021269300 (22) 15.11.2021  
 (54) COMPOSITE TRUCK BODY KITS  
 (51) Int. Cl.  
*B62D 29/04* ( 2006.01 )  
*B60P 3/20* ( 2006.01 )  
*B62D 33/04* ( 2006.01 )  
 (31) 63/118,335 (32) 25.11.20 (33) US  
 (43) 09.06.2022  
 (72) STORZ, Scott A.; MCCLOUD, Travis Smith; YIELDING, Bryan; MARLING, Timothy Frederick  
 (74) Griffith Hack

(71) Wakefield, S.  
 (11) AU-A-2022203407  
 (21) 2022203407 (22) 19.05.2022  
 (54) A REMOVABLE SEAT FOR A WATER-CRAFT  
 (51) Int. Cl.  
*B63B 34/26* ( 2020.01 )  
*B63B 7/06* ( 2020.01 )  
*B63B 17/00* ( 2006.01 )  
*B63B 29/04* ( 2006.01 )  
*B63B 29/06* ( 2006.01 )  
*B63B 34/21* ( 2020.01 )  
 (43) 09.06.2022  
 (62) 2019208157  
 (72) Cordery, Michael  
 (74) Ahearn Fox

(71) Wallis Engineers Pty Ltd  
 (11) AU-A-2022203456  
 (21) 2022203456 (22) 20.05.2022  
 (54) Drill Bit  
 (51) Int. Cl.  
*E21B 10/60* ( 2006.01 )  
*E21B 10/02* ( 2006.01 )  
*E21B 10/48* ( 2006.01 )  
*E21B 10/567* ( 2006.01 )  
 (43) 09.06.2022  
 (62) 2016265977  
 (72) Kalisch, Paul Woolfgang; Adriaens, Graeme Michel  
 (74) Golja Haines & Friend

Wilkens, K. see The Board of Trustees of the University of Illinois  
 (21) 2022203368

(71) Wilson Wolf Manufacturing Corporation  
 (11) AU-A-2022203329  
 (21) 2022203329 (22) 17.05.2022  
 (54) Closed system device and methods for gas permeable cell culture process  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**C12M 1/00** ( 2006.01 )  
**C12M 1/26** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2020217454  
**(72)** Welch, Daniel P.; Wilson, John R.  
**(74)** Griffith Hack

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**YALE UNIVERSITY see University of Rhode Island Board of Trustees**  
**(21)** 2022203395

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**(71)** Yamada, K.  
**(11)** AU-A-2022203330  
**(21)** 2022203330 **(22)** 17.05.2022  
**(54)** Paper Cover And Method For Manufacturing Paper Cover  
**(51)** Int. Cl.  
**B65D 3/00** ( 2006.01 )  
**B65D 3/06** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2019379339  
**(72)** Yamada, Kikuo  
**(74)** WRAYS PTY LTD

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**(71)** Yanggu Xiangguang Copper Co., Ltd  
**(11)** AU-A-2021273581  
**(21)** 2021273581 **(22)** 24.11.2021  
**(54)** Burner and cyclone smelting method  
**(51)** Int. Cl.  
**F23D 14/24** ( 2006.01 )  
**C22B 13/00** ( 2006.01 )  
**C22B 15/00** ( 2006.01 )  
**C22B 19/00** ( 2006.01 )  
**C22B 23/00** ( 2006.01 )  
**F23C 7/00** ( 2006.01 )  
**F23D 14/70** ( 2006.01 )  
**(31)** 202011349345.X **(32)** 26.11.20 **(33)** CN  
**(43)** 09.06.2022  
**(72)** ZHOU, Songlin; GE, Zheling; LIU, Weidong; WANG, Zhipu  
**(74)** FPA Patent Attorneys Pty Ltd

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**Young, M.J. see The Board of Trustees of the University of Illinois**  
**(21)** 2022203368

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**(71)** Yuhan Corporation  
**(11)** AU-A-2022203486  
**(21)** 2022203486 **(22)** 23.05.2022  
**(54)** Salt of an aminopyridine derivative compound, a crystalline form thereof, and a process for preparing the same  
**(51)** Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2018256227  
**(72)** OH, Sang Ho; KIM, Jong Gyun; OH, Se-Woong; HAN, Tae Dong; CHUNG, Soo Yong; LEE, Seong Ran; KIM, Kyeong Bae; LEE, Young Sung; SHIN, Woo Seob; JU, Hyun; KANG, Jeong Ki; PARK, Su Min; KIM, Dong Kyun  
**(74)** Spruson & Ferguson

**(71)** Yunnan Huading Regenerated Resources Development Co., Ltd  
**(11)** AU-A-2021232689  
**(21)** 2021232689 **(22)** 14.09.2021  
**(54)** METHOD FOR TREATING LEAD SLAG WITH ROTARY HEARTH FURNACE  
**(51)** Int. Cl.  
**C22B 5/18** ( 2006.01 )  
**C22B 1/243** ( 2006.01 )  
**C22B 5/10** ( 2006.01 )  
**C22B 5/12** ( 2006.01 )  
**C22B 7/04** ( 2006.01 )  
**F27B 9/16** ( 2006.01 )  
**(31)** CN **(32)** 20.11.20 **(33)** CN  
 202011307221.5  
**(43)** 09.06.2022  
**(72)** Zhang, Zhian; Shen, Pengjun; Yu, Xiang; Wu, Shaoxiang; Wang, Mingqiang  
**(74)** Ellis Terry

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**(71)** Zagarelos, B.  
**(11)** AU-A-2021273614  
**(21)** 2021273614 **(22)** 25.11.2021  
**(54)** Receivable Feature for Reinforcement Bar  
**(51)** Int. Cl.  
**E04C 5/01** ( 2006.01 )  
**B30B 9/28** ( 2006.01 )  
**F16B 35/04** ( 2006.01 )  
**B30B 1/18** ( 2006.01 )  
**(31)** 2020904361 **(32)** 25.11.20 **(33)** AU  
**(43)** 09.06.2022  
**(72)** Zagarelos, Bill  
**(74)** Sandercock & Cowie

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**(71)** Zheng, Y.  
**(11)** AU-A-2022203518  
**(21)** 2022203518 **(22)** 24.05.2022  
**(54)** CENTRAL NERVE MAGNETIC STIMULATION DEVICE AND HEALTHCARE OR MEDICAL INSTRUMENT HAVING SAME  
**(51)** Int. Cl.  
**A61N 2/04** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2019241209  
**(72)** Zheng, Yunfeng; Geng, Kui  
**(74)** Madderns Pty Ltd

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**(71)** Zillow, Inc.  
**(11)** AU-A-2021272244  
**(21)** 2021272244 **(22)** 22.11.2021  
**(54)** Automated determination of image acquisition locations in building interiors using determined room shapes  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06F 16/387** ( 2019.01 )  
**G06F 30/13** ( 2020.01 )  
**G06K 9/00** ( 2006.01 )  
**G06T 7/50** ( 2017.01 )  
**G06T 11/60** ( 2006.01 )  
**(31)** 63/117,372 **(32)** 23.11.20 **(33)** US  
 17/201,996 15.03.21 US  
**(43)** 09.06.2022  
**(72)** Li, Yuguang; Hutchcroft, Will; Khosravan, Najji; Boyadzhiev, Ivaylo  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Zodiac Pool Systems LLC  
**(11)** AU-A-2022203446  
**(21)** 2022203446 **(22)** 20.05.2022  
**(54)** Buoyant automatic cleaners  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2017324272  
**(72)** Newman, Phillip; Van Der Meijden, Hendrikus Johannes  
**(74)** FB Rice Pty Ltd

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**(71)** Zodiac Pool Systems LLC  
**(11)** AU-A-2022203447  
**(21)** 2022203447 **(22)** 20.05.2022  
**(54)** Buoyant automatic cleaners  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2017324272  
**(72)** Newman, Phillip; Van Der Meijden, Hendrikus Johannes  
**(74)** FB Rice Pty Ltd

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**(71)** Zodiac Pool Systems LLC  
**(11)** AU-A-2022203448  
**(21)** 2022203448 **(22)** 20.05.2022  
**(54)** Buoyant automatic cleaners  
**(51)** Int. Cl.  
**E04H 4/16** ( 2006.01 )  
**(43)** 09.06.2022  
**(62)** 2017324272  
**(72)** Newman, Phillip; Van Der Meijden, Hendrikus Johannes  
**(74)** FB Rice Pty Ltd

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<b>2020277109</b>	Insure The Purchase Assets Pty Ltd	<b>2022203326</b>	Bayer CropScience LP
<b>2020277140</b>	Solar Pile International (HK) Ltd	<b>2022203327</b>	Neurocrine Biosciences, Inc.
<b>2020277190</b>	Unboxy Pty Ltd	<b>2022203329</b>	Wilson Wolf Manufacturing Corporation
<b>2020277212</b>	Nunhems B.V.	<b>2022203330</b>	Yamada, K.
<b>2020277213</b>	Nunhems B.V.	<b>2022203331</b>	SAMSUNG ELECTRONICS CO., LTD.
<b>2020277221</b>	Solar Energy Innovations Pty Ltd	<b>2022203333</b>	FISHER & PAYKEL HEALTHCARE LIMITED
<b>2020277227</b>	AMES Australasia Pty Ltd	<b>2022203334</b>	Amgen Inc.
<b>2020403706</b>	GRID20/20, Inc.	<b>2022203335</b>	RCM Enterprise, LLC
<b>2020439009</b>	Flow Scientific Australia Pty Ltd	<b>2022203336</b>	Canva Pty Ltd
<b>2021203020</b>	RIGHT GROUP CENTRAL CO., LTD.	<b>2022203337</b>	Transportation IP Holdings, LLC
<b>2021203681</b>	Smajic, S.; Smajic, S.	<b>2022203338</b>	CQMS PTY LTD
<b>2021204240</b>	Hunter Pacific International Pty Ltd	<b>2022203339</b>	ONK Therapeutics Limited
<b>2021204591</b>	Snap-on Incorporated	<b>2022203342</b>	The Trustees of the University of Pennsylvania
<b>2021204757</b>	Soul Machines	<b>2022203343</b>	ViaCyte, Inc.
<b>2021211972</b>	Arcadyan Technology Corporation	<b>2022203344</b>	Entellus Medical, Inc.
<b>2021218037</b>	Sungrow Power Supply Co., Ltd.	<b>2022203346</b>	Psomagen, Inc.
<b>2021221442</b>	Da Cruz, J.	<b>2022203347</b>	Psomagen, Inc.
<b>2021221469</b>	Defugo Technologies Pte Ltd	<b>2022203348</b>	The Board of Trustees of the Leland Stanford Junior University
<b>2021221740</b>	RYCO Group Pty Limited	<b>2022203351</b>	Stryker Corporation
<b>2021229176</b>	NOMURA RESEARCH INSTITUTE, LTD.	<b>2022203353</b>	JVCKENWOOD Corporation
<b>2021232671</b>	SuperSonic Imagine	<b>2022203355</b>	Schleiffarth, J.
<b>2021232689</b>	Yunnan Huading Regenerated Resources Development Co., Ltd	<b>2022203356</b>	Immunis.AI, Inc.
<b>2021232743</b>	State Grid Jiangsu Electric Power Co., LTD, Nanjing Power Supply Branch	<b>2022203358</b>	Becton, Dickinson and Company
<b>2021236432</b>	ARRIS Enterprises LLC	<b>2022203359</b>	CROWN EQUIPMENT CORPORATION
<b>2021240239</b>	TECHNOLOGIES ENDURIDE INC	<b>2022203361</b>	Translate Bio MA, Inc.
<b>2021254638</b>	Palo Alto Research Center Incorporated	<b>2022203362</b>	Google LLC
<b>2021261900</b>	Chance Line Industrial Co., Ltd.	<b>2022203364</b>	Hunter Douglas Inc.
<b>2021261906</b>	Sugar Beets, LLC	<b>2022203368</b>	The Board of Trustees of the University of Illinois; Young, M.J.; Niederberger, C.; Pfanner, S.P.; Graham, A.; Garcia, J.; Shah, S.; Covnot, L.; Ahsan, Z.; Wilkens, K.; Luciano, C.
<b>2021261952</b>	Exel Industries	<b>2022203369</b>	Auspex Pharmaceuticals, Inc.
<b>2021266247</b>	Plucks Engineering Limited	<b>2022203370</b>	Intervet International B.V.
<b>2021266289</b>	BIA5 Developments Pty Ltd	<b>2022203372</b>	Eli Lilly and Company
<b>2021266365</b>	Dansons US, LLC.	<b>2022203374</b>	CROWN EQUIPMENT CORPORATION
<b>2021269300</b>	Wabash National, L.P.	<b>2022203375</b>	Illumina, Inc.
<b>2021269358</b>	Terra Quantum AG	<b>2022203376</b>	Shanghai Cloudpick Smart Technology Co., Ltd.
<b>2021269401</b>	HOWMEDICA OSTEONICS CORP.	<b>2022203378</b>	Orison, Inc.
<b>2021269402</b>	NGeneBio Co., Ltd.	<b>2022203380</b>	PPG Industries Ohio, Inc.
<b>2021269407</b>	Accenture Global Solutions Limited	<b>2022203383</b>	Fisher & Paykel Healthcare Limited
<b>2021269412</b>	NGeneBio Co., Ltd.	<b>2022203390</b>	Magic Leap, Inc.
<b>2021269435</b>	Terex GB Limited	<b>2022203394</b>	Angel Group Co., Ltd.
<b>2021269438</b>	Sawafuji Electric Co., Ltd.	<b>2022203395</b>	University of Rhode Island Board of Trustees; YALE UNIVERSITY
<b>2021269449</b>	Building IP Holdings Pty Ltd	<b>2022203398</b>	Nokia Technologies Oy
<b>2021272244</b>	Zillow, Inc.	<b>2022203399</b>	Poviva Corp.
<b>2021273514</b>	Red Bull GmbH	<b>2022203400</b>	Amazon Technologies, Inc.
<b>2021273516</b>	Medos International Sàrl	<b>2022203402</b>	Gas Sensing Technology Corp.
<b>2021273517</b>	Medos International Sàrl	<b>2022203406</b>	Technological Resources Pty. Limited
<b>2021273541</b>	Newton, S.	<b>2022203407</b>	Wakefield, S.
<b>2021273542</b>	Thermo Fisher Scientific (Bremen) GmbH	<b>2022203409</b>	Georg Fischer Rohrleitungssysteme AG
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<b>2021273547</b>	Seats Incorporated	<b>2022203411</b>	Aristocrat Technologies Australia Pty Limited
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. (\*\*) Title not given

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

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(71) Adimule, V.; C Yallur, B.; R Batakurki, S.; Challa, M.; D.H, M.; Sankannavar, R.; Joshi, R.; Gupta, P.; S Nandi, S.  
 (11) AU-A-2021104485  
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 (54) A PROCESS FOR SYNTHESIS OF CHROMIUM DOPED TELLURIUM DI-OXIDE NANOSTRUCTURES FOR EGFET PH SENSOR APPLICATION  
 (51) Int. Cl.  
*G01N 27/414* ( 2006.01 )  
*B82Y 40/00* ( 2011.01 )  
*C01B 19/00* ( 2006.01 )  
*G01N 27/416* ( 2006.01 )  
 (45) 09.06.2022  
 (72) Adimule, Vinayak; Revaiah, R. G.; S. Nandi, Santosh; Haramballi Jagadeesha, Adarsha  
 (74) Dr. Vinayak Adimule

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**Arjariya, T. see Dubey, R.**  
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(71) Bhagwanji Rewatkar, S.  
 (11) AU-A-2021103318  
 (21) 2021103318 (22) 12.06.2021  
 (54) A PROCESS FOR PREPARING MEDICINE TO CURE KIDNEY STONE  
 (51) Int. Cl.  
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*A61K 36/48* ( 2006.01 )  
*A61K 36/71* ( 2006.01 )  
*A61P 13/04* ( 2006.01 )  
 (45) 09.06.2022  
 (72) Bhagwanji Rewatkar, Suresh; Madhavarao Kadu, Ashwini; Bhangwanji Rewatkar, Murlidhar  
 (74) Dr. Suresh Bhagwanji Rewatkar

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 (21) 2021105182

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**Cabot, J. see Mason, L.**  
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 (11) AU-A-2021104849  
 (21) 2021104849 (22) 03.08.2021  
 (54) A Computer implemented method and system for detecting human touch using body mounted camera to minimize covid spread using machine learning  
 (51) Int. Cl.  
*G08B 21/10* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*G08B 13/196* ( 2006.01 )  
*G08B 15/00* ( 2006.01 )  
 (45) 09.06.2022  
 (72) Dubey, Ratnesh; Sharma, Prachi; Arjariya, Tripti; Pandey, Pankaj; Pillai, Bhawana; Soni, Roopali  
 (74) Ashish Khare

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(71) Duress IP Pty Ltd  
 (11) AU-A-2022100069  
 (21) 2022100069 (22) 16.05.2022  
 (54) SECURITY SYSTEM, DEVICE and API  
 (51) Int. Cl.  
*G08B 25/12* ( 2006.01 )  
*G08B 3/00* ( 2006.01 )  
*G08B 21/02* ( 2006.01 )  
*G08B 21/04* ( 2006.01 )  
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 (45) 09.06.2022  
 (62) 2018101615  
 (72) HEAVEN, Travis  
 (74) Baxter Patent Attorneys Pty Ltd

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 (11) AU-A-2022100070  
 (21) 2022100070 (22) 17.05.2022  
 (54) Power distribution  
 (51) Int. Cl.  
*H01H 83/02* ( 2006.01 )  
*G01R 31/327* ( 2006.01 )  
*H01H 71/04* ( 2006.01 )  
*H01H 71/08* ( 2006.01 )  
*H02B 1/04* ( 2006.01 )  
*H02H 3/33* ( 2006.01 )  
*H02J 3/00* ( 2006.01 )  
*H04L 12/10* ( 2006.01 )  
*H01H 71/52* ( 2006.01 )  
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 (45) 09.06.2022  
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 (72) PRITCHARD, Gary Steven; MICKAN, Stephen Richie; BURCHELL, David  
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(71) Lovely Professional University  
 (11) AU-A-2021105011  
 (21) 2021105011 (22) 05.08.2021  
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 (51) Int. Cl.  
*H04Q 9/02* ( 2006.01 )  
*H04W 4/38* ( 2018.01 )  
*A01G 25/16* ( 2006.01 )  
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 (72) SINGH, Rajesh; GEHLOT, Anita; BUDDHI, Dharam; THAKUR, Amit Kumar; AKRAM, Shaik Vaseem; JOSHI, Mahendra  
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**A63B 23/12** ( 2006.01 )  
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**A63B 21/005** ( 2006.01 )  
**A63B 24/00** ( 2006.01 )

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(72) Mason, Luke; Cabot, Jonathan; Han-non-Tan, Jim

(74) Collison & Co

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(11) AU-A-2022100068

(21) 2022100068 (22) 12.05.2022

(54) AN ACOUSTIC LOUVRE ASSEMBLY

(51) Int. Cl.

**E06B 7/082** ( 2006.01 )

**E04B 1/82** ( 2006.01 )

**E06B 7/10** ( 2006.01 )

**E06B 7/14** ( 2006.01 )

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(72) Devereux, Richard Ross; Devereux, Ross John

(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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(11) AU-A-2021103608

(21) 2021103608 (22) 24.06.2021

(54) IOT BASED SMART DUSTBIN

(51) Int. Cl.

**G05B 19/045** ( 2006.01 )

**B65F 1/00** ( 2006.01 )

**G05B 19/042** ( 2006.01 )

**H04L 67/12** ( 2022.01 )

**H04W 4/38** ( 2018.01 )

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(74) Blessen Skariah Thomas

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(71) Rathod, R.G.; Bhorade, S.S.; Gaikwad, R.D.

(11) AU-A-2021105182

(21) 2021105182 (22) 09.08.2021

(54) PLASTIC MODIFIED BITUMEN IN PARTIALLY RUBBER AGGREGATED ASPHALT FOR ROAD CONSTRUCTION USING MARSHALL STABILITY TEST

(51) Int. Cl.

**C08L 95/00** ( 2006.01 )

**C08L 19/00** ( 2006.01 )

**C08L 23/06** ( 2006.01 )

(31) 202121020370 (32) 04.05.21 (33) IN

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(21) 2021103608

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(21) 2021103608

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(11) AU-A-2021105101

(21) 2021105101 (22) 08.08.2021

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(51) Int. Cl.

**A61K 31/7048** ( 2006.01 )

**A61K 9/00** ( 2006.01 )

**A61K 9/51** ( 2006.01 )

**A61K 47/14** ( 2017.01 )

(45) 09.06.2022

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(11) AU-A-2022100062

(21) 2022100062 (22) 27.04.2022

(54) Crystal form for treating liver disease and use thereof

(51) Int. Cl.

**A61K 31/7068** ( 2006.01 )

**A61K 31/675** ( 2006.01 )

**A61P 1/16** ( 2006.01 )

**A61P 3/00** ( 2006.01 )

**A61P 31/20** ( 2006.01 )

**C07F 9/6571** ( 2006.01 )

**C07H 19/11** ( 2006.01 )

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(72) GAO, Zhongqiang; GUO, Weibo; HE, Kaimin; TIAN, Dan; ZHANG, Dengke; JIN, Weili; ZHANG, Haifeng; SUN, Ji-angkai; ZHANG, Yanxia

(74) Allens Patent & Trade Mark Attorneys

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Senthilrajan, A.; Majumder, K.; Rani, R.S.; Singh, K.;  
Pukkunnen, E.B.; Jenopaul, P.  
**2021104485** Adimule, V.; C Yallur, B.; R Batakurki, S.; Challa, M.;  
D.H, M.; Sankannavar, R.; Joshi, R.; Gupta, P.; S Nandi,  
S.  
**2021104849** Dubey, R.; Sharma, P.; Arjariya, T.; Pandey, P.; Pillai, B.;  
Soni, R.  
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**2022100062** Xi'an Xintong Pharmaceutical Research Co., Ltd.  
**2022100067** Mason, L.; Cabot, J.  
**2022100068** PENINA PTY LIMITED  
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**2022100070** L.S.C. Electronics Pty Ltd

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- . (\*\*) Title not given

<p>(71) 10X Genomics, Inc.                      (11) AU-A-2020412766                      (21) 2020412766 (22) 22.12.2020                      (54) Methods for spatial analysis using RNA-templated ligation                      (51) Int. Cl.                      C12Q 1/6841 ( 2018.01 )                      (87) WO2021/133849                      (31) 62/952,736 (32) 23.12.19 (33) US                      62/969,458 03.02.20 US                      63/087,061 02.10.20 US                      63/108,088 30.10.20 US                      (43) 01.07.2021                      (72) CHELL, James Michael; STOECKIUS, Marlon; ALLES, Jonathan; GALLANT, Caroline Julie; GALONSKA, Christina; BAVA, Felice Alessio; KATIRAEI, Layla                      (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) 3M Innovative Properties Company                      (11) AU-A-2020393036                      (21) 2020393036 (22) 17.11.2020                      (54) Hearing protection device for protection in different hearing situations, controller for such device, and method for switching such device                      (51) Int. Cl.                      H04R 1/10 ( 2006.01 )                      A61F 11/14 ( 2006.01 )                      H04R 5/033 ( 2006.01 )                      (87) WO2021/105818                      (31) 19211305.8 (32) 25.11.19 (33) EP                      (43) 03.06.2021                      (72) KÅREKULL, Oscar; IGEDE, Petter                      (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) 4Web, Inc.                      (11) AU-A-2020375030                      (21) 2020375030 (22) 30.10.2020                      (54) Programmable intramedullary implants and methods of using programmable intramedullary implants to repair bone structures                      (51) Int. Cl.                      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A61K 38/06 ( 2006.01 )                      A61K 31/401 ( 2006.01 )                      A61P 25/00 ( 2006.01 )                      C07K 5/08 ( 2006.01 )                      (87) WO2021/086892                      (31) 62/927,008 (32) 28.10.19 (33) US                      63/031,201 28.05.20 US                      (43) 06.05.2021                      (72) DARWISH, Mona; YOUAKIM, James M.; GLASS, Lawrence Irwin; JONES, Nancy Elizabeth; OOSTERHOLT, Sean Paul; PASQUA, Oscar Della                      (74) FB Rice Pty Ltd</p> <hr/> <p>(71) ACIST Medical Systems, Inc.                      (11) AU-A-2021212742                      (21) 2021212742 (22) 28.01.2021                      (54) Valve assembly                      (51) Int. Cl.                      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 (51) Int. Cl.  
**H02B 1/26** ( 2006.01 )  
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 (72) NOLEN, Dustin, Kyle; THOMPSON, Raymond George; PILLAY, Selvum  
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 (11) AU-A-2020391623  
 (21) 2020391623 (22) 24.11.2020  
 (54) Treatment of cancers with antibody drug conjugates (ADC) that bind to 191P4D12 proteins  
 (51) Int. Cl.  
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 (72) GARTNER, Elaina Marie; MEL-HEM-BERTRANDT, Amal; REYNO, Leonard Michael Jude; DRACHMAN, Jonathan Gregor  
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 (11) AU-A-2020371294  
 (21) 2020371294 (22) 22.10.2020  
 (54) Methods for improving photosynthetic organisms  
 (51) Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 1/00** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**A01H 13/00** ( 2006.01 )  
**A23D 9/00** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
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 (31) 2019904013 (32) 25.10.19 (33) AU  
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 (72) ROBERTS, Nicholas John; WINICHAYAKUL, Somrutai; BEECHEY-GRADWELL, Zacharia D'Arcy; COONEY, Luke James  
 (74) Davies Collison Cave Pty Ltd
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 (21) 2020374963 (22) 29.10.2020  
 (54) Therapeutic methods using vadadustat  
 (51) Int. Cl.  
**A61K 31/395** ( 2006.01 )
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 (87) WO2021/087144  
 (31) 62/931,458 (32) 06.11.19 (33) US  
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 (43) 06.05.2021  
 (72) DEGOMA, Emil; MARUYAMA, Nobuko; KANEKO, Genki  
 (74) FB Rice Pty Ltd
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- (71) Akrocell Bioscience, Inc.  
 (11) AU-A-2020393233  
 (21) 2020393233 (22) 11.06.2020  
 (54) Cell sheet comprising hyaluronic acid and polyethylene glycol, and method for producing same  
 (51) Int. Cl.  
**C12N 5/00** ( 2006.01 )  
**A61L 27/20** ( 2006.01 )  
**A61L 27/38** ( 2006.01 )  
**C12M 1/42** ( 2006.01 )  
 (87) WO2021/107303  
 (31) 10-2019-0152197 (32) 25.11.19 (33) KR  
 (43) 03.06.2021  
 (72) LEE, Eunah; OH, Dong In  
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- (71) Akston Biosciences Corporation  
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 (54) Ultra-long acting insulin-Fc fusion proteins and methods of use  
 (51) Int. Cl.  
**C07K 14/62** ( 2006.01 )  
**A61P 3/08** ( 2006.01 )  
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 (43) 24.06.2021  
 (72) LANCASTER, Thomas, M.; ZION, Todd, C.  
 (74) Cotters Patent & Trade Mark Attorneys
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- (71) Aladdin Manufacturing Corporation  
 (11) AU-A-2020399650  
 (21) 2020399650 (22) 09.12.2020  
 (54) Combination yarn  
 (51) Int. Cl.  
**D03D 15/00** ( 2021.01 )  
**D04B 21/16** ( 2006.01 )  
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 (31) 62/946,163 (32) 10.12.19 (33) US  
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 (43) 17.06.2021  
 (72) NORTH, Melissa; BEASON, Wayne; CASCIO, Anthony  
 (74) Davies Collison Cave Pty Ltd
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- (71) Albemarle Corporation  
 (11) AU-A-2020386443  
 (21) 2020386443 (22) 18.11.2020  
 (54) Flame retardants for battery electrolytes  
 (51) Int. Cl.  
**H01M 50/00** ( 2021.01 )  
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 (31) 62/936,706 (32) 18.11.19 (33) US
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- (43) 27.05.2021  
 (72) GE, Zhongxin; WU, Tse-Chong; WELZ, Sascha Joerg; BENNETT, Mark Timothy; LIU, Yunqi  
 (74) FB Rice Pty Ltd
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- (71) Albemarle Corporation  
 (11) AU-A-2020386444  
 (21) 2020386444 (22) 18.11.2020  
 (54) Flame retardants for battery electrolytes  
 (51) Int. Cl.  
**H01M 50/00** ( 2021.01 )  
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 (31) 62/936,714 (32) 18.11.19 (33) US  
 (43) 27.05.2021  
 (72) WU, Tse-Chong; GE, Zhongxin; WELZ, Sascha Joerg; BENNETT, Mark Timothy  
 (74) FB Rice Pty Ltd
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- (71) Albemarle Corporation  
 (11) AU-A-2020386893  
 (21) 2020386893 (22) 18.11.2020  
 (54) Flame retardants for battery electrolytes  
 (51) Int. Cl.  
**H01M 50/00** ( 2021.01 )  
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 (31) 62/936,710 (32) 18.11.19 (33) US  
 (43) 27.05.2021  
 (72) GE, Zhongxin; WU, Tse-Chong; WELZ, Sascha Joerg; BENNETT, Mark Timothy  
 (74) FB Rice Pty Ltd
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- (71) Albemarle Corporation  
 (11) AU-A-2020387281  
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 (54) Flame retardants for lithium batteries  
 (51) Int. Cl.  
**H01M 10/04** ( 2006.01 )  
**H01M 50/147** ( 2021.01 )  
**H01M 50/174** ( 2021.01 )  
**H01M 50/20** ( 2021.01 )  
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 (72) GE, Zhongxin; WU, Tse-Chong; WELZ, Sascha Joerg; BENNETT, Mark Timothy  
 (74) FB Rice Pty Ltd
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- (71) Alcon Inc.  
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 (54) System and method for obtaining profile of eye lens capsule  
 (51) Int. Cl.  
**G06T 7/50** ( 2017.01 )  
**A61B 3/117** ( 2006.01 )  
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 (72) MISSEL, Paul  
 (74) Phillips Ormonde Fitzpatrick

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 tomography segmentation SALAZAR, Santiago Viveros **A47C 17/17** ( 2006.01 )  
 (51) Int. Cl. (74) Griffith Hack **A47C 17/22** ( 2006.01 )  
**G06T 7/13** ( 2017.01 ) **A47C 17/23** ( 2006.01 )  
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 (43) 24.06.2021 (21) 2020386484 (22) 09.11.2020 (43) 17.06.2021  
 (72) AL-QAISI, Muhammad K.; RABBANI, (54) Method for mounting a stack of separat- (72) HUTMACHER, Patrick; HENG, Chuan-  
 Parisa; REN, Hugang ing discs in a centrifugal separator bowl rong  
 (74) Phillips Ormonde Fitzpatrick and a tool (74) AJ PARK
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- (71) Alcon Inc. (51) Int. Cl. (71) Alopexx, Inc.  
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 (21) 2020408315 (22) 18.12.2020 **B04B 7/14** ( 2006.01 ) (21) 2020386971 (22) 20.11.2020  
 (54) Head tracking control for ophthalmic (87) WO2021/099162 (54) Methods for providing continuous ther-  
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 (51) Int. Cl. (43) 27.05.2021 (51) Int. Cl. (71) Int. Cl.  
**A61B 3/13** ( 2006.01 ) **A61K 39/02** ( 2006.01 )  
**A61B 5/16** ( 2006.01 ) **A61K 39/08** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
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 (72) CHARLES, Steven T. (43) 27.05.2021 (72) WYAND, Michael; SWISS, Gerald F.  
 (74) Phillips Ormonde Fitzpatrick (74) Spruson & Ferguson
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 (51) Int. Cl. **G06Q 20/40** ( 2012.01 ) (51) Int. Cl. **A61K 31/366** ( 2006.01 )  
**A61F 9/007** ( 2006.01 ) **G06Q 30/06** ( 2012.01 ) **G01N 33/00** ( 2006.01 )  
**H04L 9/08** ( 2006.01 ) **G16H 50/00** ( 2018.01 )
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 (43) 24.06.2021 (43) 29.04.2021 (43) 14.05.2021  
 (72) AL-QAISI, Muhammad K.; HALLEN, (72) HOLLAND IV, James Richard; WERUP, (72) RINSCH, Christopher Lawrence;  
 Paul R. Andre SINGH, Anurag  
 (74) Phillips Ormonde Fitzpatrick (74) Phillips Ormonde Fitzpatrick (74) FB Rice Pty Ltd
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- (71) Alcon Inc. (71) Allegheny Singer Research Institute; (71) Amgen Inc.  
 (11) AU-A-2020409013 University of Pittsburgh-of the Com- (11) AU-A-2020380256  
 (21) 2020409013 (22) 18.12.2020 monwealth System of Higher Education (21) 2020380256 (22) 04.11.2020  
 (54) Vision quality assessment based on (11) AU-A-2020391460 (54) Diagnostic method (54) High salt load conditioning during cation  
 machine learning model and wavefront (21) 2020391460 (22) 25.11.2020 exchange chromatography to remove  
 analysis (54) Thymus organoids bioengineered form product-related impurities  
 (51) Int. Cl. human pluripotent stem cells (51) Int. Cl. (71) Int. Cl.  
**A61B 3/10** ( 2006.01 ) **C12M 1/34** ( 2006.01 ) **C07K 16/06** ( 2006.01 )  
**A61K 35/12** ( 2015.01 ) **A61K 35/26** ( 2015.01 ) **C07K 16/46** ( 2006.01 )
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 (43) 24.06.2021 (43) 03.06.2021 (43) 14.05.2021  
 (72) SARANGAPANI, Ramesh; VONT- (72) FAN, Yong; ZELENIAK, Ann; TRUCCO, (72) DIAZ, Luis; GOMEZ, Natalia  
 RESS, Mark Massimo; BANERJEE, Ipsita (74) Spruson & Ferguson  
 (74) Phillips Ormonde Fitzpatrick (74) Pizzeyes Patent and Trade Mark Attor-  
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- (71) Alektor LLC (71) Allure Rv, LLC (71) Amgen Inc.  
 (11) AU-A-2020397888 (11) AU-A-2020401112 (11) AU-A-2020381537  
 (21) 2020397888 (22) 04.12.2020 (21) 2020401112 (22) 09.12.2020 (21) 2020381537 (22) 13.11.2020  
 (54) Methods of use of anti-TREM2 antibod- (54) Sofa bed with glide system (54) Hematopoietic precursor cell production  
 ies (51) Int. Cl. (51) Int. Cl. (51) Int. Cl.  
**C07K 16/28** ( 2006.01 ) **A61K 39/00** ( 2006.01 ) **A61P 25/28** ( 2006.01 )
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**(43)** 20.05.2021  
**(72)** CHAMBERS, Stuart; ZHANG, Jingli; CHENG, Qingwen; HUANG, Guanyi  
**(74)** Spruson & Ferguson
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- (71)** Amgen Inc.  
**(11)** AU-A-2020391161  
**(21)** 2020391161 **(22)** 24.11.2020  
**(54)** Heterocyclic compounds as Delta-5 Desaturase inhibitors and methods of use  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**(87)** WO2021/108404  
**(31)** 62/939,819 **(32)** 25.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** ALLEN, Jennifer R.; AMEGADZIE, Albert; BOURBEAU, Matthew P.; CHEN, Ning; GOODMAN, Clifford; LATTANZI, Giulia; LINGARD, Iain; LIU, Qingyan; LOW, Jonathan D.; MA, Vu Van; MINATTI, Ana E.; POZZAN, Alfonso; REEVES, Corey; SIEGMUND, Aaron C.; TASSINI, Sabrina; TONELLI, Federica; WALTON, Mary  
**(74)** Spruson & Ferguson
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- (71)** Amgen Inc.  
**(11)** AU-A-2020392087  
**(21)** 2020392087 **(22)** 24.11.2020  
**(54)** Heterocyclic compounds as Delta-5 Desaturase inhibitors and methods of use  
**(51)** Int. Cl.  
**A61P 3/00** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
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**(31)** 62/939,821 **(32)** 25.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** ALLEN, Jennifer R.; BELTRANI, Michela; BOURBEAU, Matthew P.; DAMYANOVA, Teodora P.; LINGARD, Iain; MINATTI, Ana E.; VINCETTI, Paolo  
**(74)** Spruson & Ferguson
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- (71)** Amgen Inc.  
**(11)** AU-A-2020422420  
**(21)** 2020422420 **(22)** 28.12.2020  
**(54)** Needle shield removers, drug delivery devices, and related methods  
**(51)** Int. Cl.  
**A61M 5/20** ( 2006.01 )  
**A61M 5/32** ( 2006.01 )  
**(87)** WO2021/146043  
**(31)** 62/960,463 **(32)** 13.01.20 **(33)** US
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**(72)** JENSEN, Jan  
**(74)** Spruson & Ferguson
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- (71)** Ammann, P.  
**(11)** AU-A-2019476299  
**(21)** 2019476299 **(22)** 28.11.2019  
**(54)** Tote bag for holding spare shoes  
**(51)** Int. Cl.  
**A45C 3/12** ( 2006.01 )  
**A45C 3/06** ( 2006.01 )  
**A45C 7/00** ( 2006.01 )  
**A45C 13/00** ( 2006.01 )  
**A45C 13/36** ( 2006.01 )  
**A45F 3/04** ( 2006.01 )  
**(87)** WO2021/104627  
**(43)** 03.06.2021  
**(72)** AMMANN, Peter  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Andritz AG  
**(11)** AU-A-2020436451  
**(21)** 2020436451 **(22)** 22.12.2020  
**(54)** Method for producing a screen body, and screen  
**(51)** Int. Cl.  
**B30B 9/26** ( 2006.01 )  
**B01D 29/00** ( 2006.01 )  
**B30B 9/12** ( 2006.01 )  
**B33Y 10/00** ( 2015.01 )  
**B33Y 80/00** ( 2015.01 )  
**(87)** WO2021/184051  
**(31)** A 50221/2020 **(32)** 16.03.20 **(33)** AT  
**(43)** 23.09.2021  
**(72)** HUANG, Youping; STELZER, Daniel; PICHLER, Franco; WILLBERGER, Stefan; EGGER, Markus  
**(74)** Chrysiliou IP
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- (71)** Ansun Biopharma, Inc.  
**(11)** AU-A-2020391178  
**(21)** 2020391178 **(22)** 24.11.2020  
**(54)** Immune cell delivery of sialidase to cancer cells, immune cells and the tumor microenvironment  
**(51)** Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**A61K 35/15** ( 2015.01 )  
**A61K 38/47** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/82** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 9/24** ( 2006.01 )  
**(87)** WO2021/108462  
**(31)** 62/940,188 **(32)** 25.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** CHANG, Nancy  
**(74)** AJ PARK
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- (71)** Archer Daniels Midland Company  
**(11)** AU-A-2020390870  
**(21)** 2020390870 **(22)** 24.11.2020  
**(54)** Biphasic bone plate  
**(51)** Int. Cl.  
**A61B 17/80** ( 2006.01 )  
**(87)** WO2021/102591  
**(31)** 01515/19 **(32)** 29.11.19 **(33)** CH
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- (43)** 03.06.2021  
**(72)** WINDOLF, Markus; EPARI, Devakara  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Aposcience AG  
**(11)** AU-A-2020415329  
**(21)** 2020415329 **(22)** 23.12.2020  
**(54)** Composition for treating or preventing an allergy or allergic reaction  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
**C12N 5/078** ( 2010.01 )  
**(87)** WO2021/130305  
**(31)** 19219342.3 **(32)** 23.12.19 **(33)** EP  
**(43)** 01.07.2021  
**(72)** ANKERSMIT, Henrik Jan; MILDNER, Michael  
**(74)** Houlihan<sup>2</sup> Pty Ltd
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- (71)** Aprinoia Therapeutics Limited  
**(11)** AU-A-2020383593  
**(21)** 2020383593 **(22)** 13.11.2020  
**(54)** Compounds for degrading Tau protein aggregates and uses thereof  
**(51)** Int. Cl.  
**A61K 47/55** ( 2017.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
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**C07D 487/04** ( 2006.01 )  
**(87)** WO2021/097243  
**(31)** 62/935,017 **(32)** 13.11.19 **(33)** US  
**(43)** 20.05.2021  
**(72)** TEMPEST, Paul; JANG, Ming-Kuei; LIN, Yih-Shyan  
**(74)** Spruson & Ferguson
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- (71)** Arbor Biotechnologies, Inc.  
**(11)** AU-A-2020397041  
**(21)** 2020397041 **(22)** 03.12.2020  
**(54)** Compositions comprising a nuclease and uses thereof  
**(51)** Int. Cl.  
**C12N 15/52** ( 2006.01 )  
**C12N 9/22** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(87)** WO2021/113522  
**(31)** 62/943,680 **(32)** 04.12.19 **(33)** US  
**(43)** 10.06.2021  
**(72)** SCOTT, David A.; YAN, Winston X.; CHENG, David R.; DITOMMASO, Tia M.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Archer Daniels Midland Company  
**(11)** AU-A-2020386366  
**(21)** 2020386366 **(22)** 13.11.2020  
**(54)** Processes for preparing aldaric, aldonic, and uronic acids  
**(51)** Int. Cl.  
**C07C 51/16** ( 2006.01 )  
**B01J 23/42** ( 2006.01 )  
**B01J 23/52** ( 2006.01 )

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**C07C 59/245** ( 2006.01 )  
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 20154275.0 29.01.20 EP  
**(43)** 27.05.2021  
**(72)** ALBRECHT, Karl; BRAZDIL, James  
**(74)** AJ PARK

**(71)** Arcus Biosciences, Inc.  
**(11)** AU-A-2020395783  
**(21)** 2020395783 **(22)** 03.12.2020  
**(54)** Inhibitors of HIF-2alpha  
**(51)** Int. Cl.  
**A61K 31/136** ( 2006.01 )  
**A61K 31/4184** ( 2006.01 )  
**A61K 31/4192** ( 2006.01 )

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**(31)** 62/943,632 **(32)** 04.12.19 **(33)** US  
**(43)** 10.06.2021  
**(72)** BEATTY, Joel Worley; DREW, Samuel  
 Lawrie; FOURNIER, Jeremy Thomas  
 Andre; GUNEY, Tezcan; JACOB,  
 Steven Donald; LAWSON, Kenneth  
 Victor; LELETI, Manmohan Reddy;  
 LINDSEY, Erick Allen; MANDAL, De-  
 bashis; MATA, Guillaume; POWERS,  
 Jay Patrick; ROSEN, Brandon Re-  
 id; SU, Yongli; TRAN, Anh Thu; YAN,  
 Xuelei  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Arena Pharmaceuticals, Inc.  
**(11)** AU-A-2020389144  
**(21)** 2020389144 **(22)** 20.11.2020  
**(54)** Methods of treating conditions related  
 to the S1P1 receptor  
**(51)** Int. Cl.  
**A61K 31/403** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**C07D 209/94** ( 2006.01 )  
**(87)** WO2021/102357  
**(31)** 62/938,008 **(32)** 20.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** KOMORI-OCCHICONE, Heather  
 Kiyomi; NGUYEN-CLEARY, Thai Curtis;  
 YU, Jin  
**(74)** FB Rice Pty Ltd

**(71)** Ares Trading S.A.  
**(11)** AU-A-2019479274  
**(21)** 2019479274 **(22)** 20.12.2019  
**(54)** Microneedle array, actuator and method  
 of use  
**(51)** Int. Cl.  
**A61M 37/00** ( 2006.01 )  
**(87)** WO2021/121638  
**(43)** 24.06.2021  
**(72)** ETTORI, Maxime; NELSON, Craig;  
 NOBLE, Michael; SOMERVILLE, John  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Arixa Pharmaceuticals, Inc.  
**(11)** AU-A-2020405540  
**(21)** 2020405540 **(22)** 17.12.2020

**(54)** Orally administered combinations of  
 amoxicillin and avibactam derivatives  
 for treating mycobacterial infections  
**(51)** Int. Cl.  
**A61K 31/43** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2021/124191  
**(31)** 62/951,187 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** TRIAS, Joaquim  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Arla Foods amba  
**(11)** AU-A-2020381786  
**(21)** 2020381786 **(22)** 11.11.2020  
**(54)** High protein, micellar casein-contain-  
 ing nutritional liquids enriched with cat-  
 echin-compounds and method of pro-  
 duction  
**(51)** Int. Cl.  
**A23C 9/152** ( 2006.01 )  
**A23C 3/02** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )  
**A23L 33/19** ( 2016.01 )  
**(87)** WO2021/094397  
**(31)** 19208354.1 **(32)** 11.11.19 **(33)** EP  
 19208351.7 11.11.19 EP  
**(43)** 20.05.2021  
**(72)** ALEXANDER, Marcela  
**(74)** Spruson & Ferguson

**(71)** Arla Foods Amba  
**(11)** AU-A-2020382852  
**(21)** 2020382852 **(22)** 11.11.2020  
**(54)** High protein, micellar casein-contain-  
 ing nutritional liquids enriched with poly-  
 phenols and method of production  
**(51)** Int. Cl.  
**A23L 2/66** ( 2006.01 )  
**A23C 9/152** ( 2006.01 )  
**A23L 2/39** ( 2006.01 )  
**A23L 2/52** ( 2006.01 )  
**A23L 33/105** ( 2016.01 )  
**A23L 33/19** ( 2016.01 )  
**(87)** WO2021/094384  
**(31)** 19208351.7 **(32)** 11.11.19 **(33)** EP  
 19208354.1 11.11.19 EP  
**(43)** 20.05.2021  
**(72)** ALEXANDER, Marcela; RAY, Colin  
**(74)** Spruson & Ferguson

**(71)** Artemis Technologies Limited  
**(11)** AU-A-2020385244  
**(21)** 2020385244 **(22)** 12.11.2020  
**(54)** Autonomously controlled hydrofoil sys-  
 tem  
**(51)** Int. Cl.  
**B63B 1/24** ( 2020.01 )  
**B63B 1/28** ( 2006.01 )  
**(87)** WO2021/094760  
**(31)** 1916548.9 **(32)** 14.11.19 **(33)** GB  
 2017845.5 12.11.20 GB  
**(43)** 20.05.2021  
**(72)** PERCY, Iain; INGOUF, Romain  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Ascendis Pharma A/S  
**(11)** AU-A-2020419444  
**(21)** 2020419444 **(22)** 30.12.2020  
**(54)** Conjugates undergoing intramolecular  
 rearrangements  
**(51)** Int. Cl.  
**A61P 37/00** ( 2006.01 )  
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*C12P 21/02* ( 2006.01 )  
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*H02S 50/10* (2014.01)  
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*G01R 31/28* (2006.01)  
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*C07D 471/06* (2006.01)  
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 A61K 47/65 ( 2017.01 )  
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 (51) Int. Cl.  
 A61P 31/04 ( 2006.01 )  
 A61K 31/513 ( 2006.01 )  
 C07D 401/14 ( 2006.01 )  
 C07D 403/12 ( 2006.01 )  
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 C12M 3/04 ( 2006.01 )  
 A61B 17/322 ( 2006.01 )  
 C12M 1/00 ( 2006.01 )  
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 A61K 45/00 ( 2006.01 )  
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 A61P 35/00 ( 2006.01 )  
 A61P 35/02 ( 2006.01 )  
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 (51) Int. Cl.  
 F24F 11/88 ( 2018.01 )  
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 A61K 39/395 ( 2006.01 )  
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 C12N 5/10 ( 2006.01 )  
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 A61K 31/315 ( 2006.01 )  
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 (54) System for producing and packaging fluid, sealing member dispenser, reservoir feeding apparatus, bag sealing apparatus, reservoir filling set, method for filling a reservoir or a bag, filling and sampling nozzle  
 (51) Int. Cl.  
 B65B 3/00 ( 2006.01 )  
 A61J 1/10 ( 2006.01 )  
 A61J 1/14 ( 2006.01 )  
 A61M 1/00 ( 2006.01 )  
 B65B 3/26 ( 2006.01 )  
 B65B 7/02 ( 2006.01 )  
 B65B 7/28 ( 2006.01 )  
 B65B 31/02 ( 2006.01 )  
 B65B 43/14 ( 2006.01 )  
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 A61K 35/51 ( 2015.01 )  
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 A61K 35/545 ( 2015.01 )  
 C12N 5/071 ( 2010.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

**(71)** Dexcom, Inc.  
**(11)** AU-A-2020391108  
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**(54)** Recommendations based on continuous glucose monitoring

**(51)** Int. Cl.  
**G16H 40/67** ( 2018.01 )  
**(87)** WO2021/108264  
**(31)** 62/940,715 **(32)** 26.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** PARKER, Andrew; VYAS, Neha; HANNEMANN, Christopher  
**(74)** FB Rice Pty Ltd

**(71)** Dexcom, Inc.  
**(11)** AU-A-2020407985  
**(21)** 2020407985 **(22)** 07.12.2020  
**(54)** Multi-state engagement with continuous glucose monitoring systems

**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2021/126583  
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**(43)** 24.06.2021  
**(72)** PARKER, Andrew Scott; JIMENEZ, Annika Emilie Kristina; PATTERSON, Chad; PAI, Subrai Girish; KAMATH, Apurv Ullas  
**(74)** FB Rice Pty Ltd

**(71)** Dexcom, Inc.  
**(11)** AU-A-2020414730  
**(21)** 2020414730 **(22)** 23.12.2020  
**(54)** Systems and methods for sepsis risk evaluation

**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/1468** ( 2006.01 )  
**A61B 5/155** ( 2006.01 )  
**G16H 10/00** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )

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**(43)** 01.07.2021  
**(72)** HEADEN, Devon M.; SIMPSON, Peter C.; JOHNSON, Matthew Lawrence  
**(74)** FB Rice Pty Ltd

**(71)** Dexcom, Inc.  
**(11)** AU-A-2020420676  
**(21)** 2020420676 **(22)** 22.12.2020  
**(54)** Managing bolus doses  
**(51)** Int. Cl.  
**G16H 20/00** ( 2018.01 )  
**G16H 20/10** ( 2018.01 )  
**G16H 20/17** ( 2018.01 )

**G16H 20/60** ( 2018.01 )  
**(87)** WO2021/141777  
**(31)** 62/958,636 **(32)** 08.01.20 **(33)** US  
**(43)** 15.07.2021  
**(72)** JEPSON, Lauren Hruby; CON-STANTIN, Alexandra Elena; VOGEL, Matthew T.; HANNEMANN, Christopher Robert; HASEYAMA, Todd N.; KAMATH, Apurv Ullas; PICKUS, Sarah Kate; VANSLYKE, Stephen J.; TURK-SOY, Kamuran; ESMAILI, Ghazaleh R.; ZIEGLER, Leah  
**(74)** FB Rice Pty Ltd

**(71)** DexCom, Inc.  
**(11)** AU-A-2020407059  
**(21)** 2020407059 **(22)** 16.12.2020  
**(54)** Therapeutic zone assessor  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2021/126985  
**(31)** 62/950,029 **(32)** 18.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** PATEK, Stephen D.  
**(74)** FB Rice Pty Ltd

**(71)** dormakaba Deutschland GmbH  
**(11)** AU-A-2020400846  
**(21)** 2020400846 **(22)** 25.11.2020  
**(54)** Door drive with a motor unit, having an advantageous basic shape  
**(51)** Int. Cl.  
**E05F 15/603** ( 2015.01 )  
**E05F 15/611** ( 2015.01 )  
**E05F 15/632** ( 2015.01 )  
**E05F 15/643** ( 2015.01 )  
**H02K 1/18** ( 2006.01 )  
**H02K 5/04** ( 2006.01 )  
**H02K 7/116** ( 2006.01 )

**(87)** WO2021/115785  
**(31)** 19214422.8 **(32)** 09.12.19 **(33)** EP  
**(43)** 17.06.2021  
**(72)** FINKE, Andreas; FINIS, Dietmar; WAGNER, Martin; BUSCH, Sven  
**(74)** Davies Collison Cave Pty Ltd

**(71)** dormakaba Deutschland GmbH  
**(11)** AU-A-2020403070  
**(21)** 2020403070 **(22)** 03.12.2020  
**(54)** Door drive with a small high-performance motor unit  
**(51)** Int. Cl.  
**E05F 15/603** ( 2015.01 )  
**H02K 1/27** ( 2006.01 )  
**H02K 15/03** ( 2006.01 )

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**(31)** 19214435.0 **(32)** 09.12.19 **(33)** EP  
**(43)** 17.06.2021  
**(72)** BERTELS, Dennis; WAGNER, Martin; FINIS, Dietmar  
**(74)** Davies Collison Cave Pty Ltd

**(71)** DSM IP Assets B.V.; Evonik Operations GmbH  
**(11)** AU-A-2020415242  
**(21)** 2020415242 **(22)** 15.12.2020

**(54)** Fish feed pellets loaded with a microbial oil  
**(51)** Int. Cl.  
**A23K 20/158** ( 2016.01 )  
**A23K 40/25** ( 2016.01 )  
**A23K 40/30** ( 2016.01 )  
**A23K 50/80** ( 2016.01 )  
**(87)** WO2021/130055  
**(31)** 19219194.8 **(32)** 23.12.19 **(33)** EP  
**(43)** 01.07.2021  
**(72)** CLASADONTE, Laure; HAGEMANN, Nicholas; PALAZOGLU KURK, Pelin  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Duff, J.; Paganessi, J.  
**(11)** AU-A-2020423106  
**(21)** 2020423106 **(22)** 22.06.2020  
**(54)** Recovery of ethylene oxide from sterilization process  
**(51)** Int. Cl.  
**C07D 303/00** ( 2006.01 )  
**C07D 303/02** ( 2006.01 )  
**C07D 303/04** ( 2006.01 )  
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**(31)** 16/892,431 **(32)** 04.06.20 **(33)** US  
 16/746,133 17.01.20 US  
**(43)** 22.07.2021  
**(72)** DUFF, Joseph; PAGANESSI, Joseph  
**(74)** Adams Pluck

**(71)** Dynamic Material Systems LLC  
**(11)** AU-A-2020405145  
**(21)** 2020405145 **(22)** 18.12.2020  
**(54)** Electrodes and process for reconditioning contaminated electrode materials for use in batteries  
**(51)** Int. Cl.  
**H01M 10/54** ( 2006.01 )  
**(87)** WO2021/127515  
**(31)** 62/951,774 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** MARCUS, Kyle; SHERWOOD, Walter; EASTER, William; HILL, Arnold; NAMENI, Gordon  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** Eclipse Medcorp, LLC  
**(11)** AU-A-2020372939  
**(21)** 2020372939 **(22)** 30.10.2020  
**(54)** Systems, methods and apparatus for separating components of a sample  
**(51)** Int. Cl.  
**G01N 33/487** ( 2006.01 )  
**(87)** WO2021/087222  
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 17/085,043 30.10.20 US  
**(43)** 06.05.2021  
**(72)** CARLSON, Scott; TEPPER, John  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** ELAFLEX HIBY GmbH & Co. KG  
**(11)** AU-A-2020393289  
**(21)** 2020393289 **(22)** 18.11.2020  
**(54)** Filling valve with leakage protection device  
**(51)** Int. Cl.

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**(31)** 19212605.0 **(32)** 29.11.19 **(33)** EP  
**(43)** 03.06.2021  
**(72)** SCHULZ-HILDEBRANDT, Lasse; VI-ETS, Sebastian  
**(74)** Griffith Hack

**(71)** Elbit Systems Ltd.  
**(11)** AU-A-2020386866  
**(21)** 2020386866 **(22)** 15.11.2020  
**(54)** A system and method for mixed reality  
**(51)** Int. Cl.

**G06T 19/00** ( 2011.01 )  
**G06T 15/50** ( 2011.01 )  
**(87)** WO2021/100037  
**(31)** 270754 **(32)** 18.11.19 **(33)** IL  
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**(43)** 27.05.2021  
**(72)** LIVNE, Ofer; MASHIAH, Ayelet; SHEFFER, Amir; OPHIR, Yoav  
**(74)** FB Rice Pty Ltd

**(71)** Electrochaea GmbH  
**(11)** AU-A-2020403786  
**(21)** 2020403786 **(22)** 11.12.2020  
**(54)** Method for controlling the quality  
**(51)** Int. Cl.  
**C12Q 1/686** ( 2018.01 )  
**C12Q 1/689** ( 2018.01 )  
**(87)** WO2021/122389  
**(31)** 10 2019 134 589.8 **(32)** 16.12.19 **(33)** DE  
 10 2020 101 487.2 22.01.20 DE  
**(43)** 24.06.2021  
**(72)** HAFENBRADL, Doris; POPP, Felix  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** Eli Lilly and Company  
**(11)** AU-A-2020399964  
**(21)** 2020399964 **(22)** 04.12.2020  
**(54)** Pre-targeting imaging agents  
**(51)** Int. Cl.  
**A61K 51/04** ( 2006.01 )  
**C07D 257/08** ( 2006.01 )  
**A61K 101/02** ( 2006.01 )  
**(87)** WO2021/118885  
**(31)** 62/946,218 **(32)** 10.12.19 **(33)** US  
**(43)** 17.06.2021  
**(72)** CAGNOLINI, Aldo; XIONG, Hui  
**(74)** WRAYS PTY LTD

**(71)** Eli Lilly and Company  
**(11)** AU-A-2020408139  
**(21)** 2020408139 **(22)** 11.12.2020  
**(54)** Incretin analogs and uses thereof  
**(51)** Int. Cl.  
**C07K 14/605** ( 2006.01 )  
**A61K 38/26** ( 2006.01 )  
**(87)** WO2021/126695  
**(31)** 62/949,661 **(32)** 18.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** ABRAHAM, Milata Mary; ALSINA-FERNANDEZ, Jorge; COSKUN, Tamer; QU, Hongchang; WALLIS, James Lincoln  
**(74)** WRAYS PTY LTD

**(71)** Emerging Acquisitions, LLC  
**(11)** AU-A-2020380198  
**(21)** 2020380198 **(22)** 30.10.2020  
**(54)** Macro anti-fouling screen functioning in multi-directional flow  
**(51)** Int. Cl.  
**B25J 15/06** ( 2006.01 )  
**B65G 47/91** ( 2006.01 )  
**(87)** WO2021/091787  
**(31)** 62/930,496 **(32)** 04.11.19 **(33)** US  
**(43)** 14.05.2021  
**(72)** BROTHERTON, Kienan Cree; BROOKS, Jonathan Thomas; SEIDEL, Alexander Elazar; MACKOVJAK, Seth Lawrence  
**(74)** Davies Collison Cave Pty Ltd

**(71)** EMP Biotech GmbH  
**(11)** AU-A-2020392185  
**(21)** 2020392185 **(22)** 24.11.2020  
**(54)** Separation and isolation of nucleic acids using affinity ligands bound to a solid surface  
**(51)** Int. Cl.  
**C07H 21/00** ( 2006.01 )  
**C12Q 1/6806** ( 2018.01 )  
**G01N 33/543** ( 2006.01 )  
**(87)** WO2021/105887  
**(31)** 62/939,934 **(32)** 25.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** HURST, Alistair J.; LEVISON, Derek W.K.; MOELLER, Uwe  
**(74)** Madderns Pty Ltd

**(71)** Emrod Limited  
**(11)** AU-A-2020383938  
**(21)** 2020383938 **(22)** 11.11.2020  
**(54)** System and method for long-range wireless power transfer  
**(51)** Int. Cl.  
**H02J 50/20** ( 2016.01 )  
**H02J 50/50** ( 2016.01 )  
**(87)** WO2021/094930  
**(31)** 2019904254 **(32)** 12.11.19 **(33)** AU  
 62/934,511 12.11.19 US  
**(43)** 20.05.2021  
**(72)** KUSHNIR, Zvi; SIMPKIN, Raymond Andrew  
**(74)** AJ PARK

**(71)** Enhanced Drilling AS  
**(11)** AU-A-2020405920  
**(21)** 2020405920 **(22)** 17.12.2020  
**(54)** Arrangement for controlling volume in a gas or oil well system  
**(51)** Int. Cl.  
**E21B 21/08** ( 2006.01 )  
**(87)** WO2021/125974  
**(31)** 20191492 **(32)** 18.12.19 **(33)** NO  
**(43)** 24.06.2021  
**(72)** STENSHORNE, Per Christian; SKÄRGÅRD, Gustav Olov  
**(74)** Michael Buck IP

**(71)** Enthera S.r.l.  
**(11)** AU-A-2020382101  
**(21)** 2020382101 **(22)** 16.11.2020

**(54)** TMEM219 antibodies and therapeutic uses thereof  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**C07K 16/22** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(87)** WO2021/094620  
**(31)** 19209521.4 **(32)** 15.11.19 **(33)** EP  
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**(43)** 20.05.2021  
**(72)** FIORINA, Paolo; AMABILE, Giovanni; D'ADDIO, Francesca  
**(74)** FB Rice Pty Ltd

**(71)** Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.  
**(11)** AU-A-2020378947  
**(21)** 2020378947 **(22)** 04.11.2020  
**(54)** Method and apparatus for managing IoT device, and server and storage medium thereof  
**(51)** Int. Cl.  
**H04L 12/44** ( 2006.01 )  
**G16Y 40/35** ( 2020.01 )  
**H04L 41/044** ( 2022.01 )  
**H04L 41/12** ( 2022.01 )  
**H04W 84/18** ( 2009.01 )  
**(87)** WO2021/091491  
**(31)** 201911072652.5 **(32)** 05.11.19 **(33)** CN  
**(43)** 14.05.2021  
**(72)** TANG, Jian; MING, Lang  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.  
**(11)** AU-A-2020380107  
**(21)** 2020380107 **(22)** 04.11.2020  
**(54)** Method and apparatus for transmitting data in IoT system, and gateway device and storage medium thereof  
**(51)** Int. Cl.  
**H04W 4/38** ( 2018.01 )  
**H04L 12/66** ( 2006.01 )  
**H04L 67/568** ( 2022.01 )  
**H04L 69/40** ( 2022.01 )  
**G16Y 30/10** ( 2020.01 )  
**(87)** WO2021/091492  
**(31)** 201911076109.2 **(32)** 06.11.19 **(33)** CN  
**(43)** 14.05.2021  
**(72)** QIAN, Jialin; CUI, Changdong; ZHANG, Hongzhen; ZHANG, Yang  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.  
**(11)** AU-A-2020382689  
**(21)** 2020382689 **(22)** 13.11.2020  
**(54)** Method and apparatus for modeling photovoltaic power curve, and computer device and storage medium thereof  
**(51)** Int. Cl.  
**G06Q 10/04** ( 2012.01 )  
**G06Q 50/06** ( 2012.01 )  
**G06F 17/18** ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

(71) Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.  
 (11) AU-A-2020385942  
 (21) 2020385942 (22) 20.11.2020  
 (54) Method and apparatus for storing data, and computer device and storage medium thereof  
 (51) Int. Cl.  
 G06F 16/25 ( 2019.01 )  
 G06F 5/00 ( 2006.01 )  
 G06F 7/00 ( 2006.01 )  
 G06Q 50/06 ( 2012.01 )  
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 (43) 27.05.2021  
 (72) LEI, Li; ZHAO, Hong; CHEN, Xiaomeng; NING, Degang  
 (74) Phillips Ormonde Fitzpatrick

(71) Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.  
 (11) AU-A-2020391589  
 (21) 2020391589 (22) 25.11.2020  
 (54) Method and apparatus for string connecting photovoltaic modules, device, and storage medium  
 (51) Int. Cl.  
 G06F 30/18 ( 2020.01 )  
 H02S 40/36 ( 2014.01 )  
 H02J 3/38 ( 2006.01 )  
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 (31) 201911175761.X (32) 26.11.19 (33) CN  
 (43) 03.06.2021  
 (72) HU, Yijie; XU, Ning; ZHANG, Chen; JIANG, Xiu; HUANG, Guokun; ZHENG, Tianmin  
 (74) Phillips Ormonde Fitzpatrick

(71) Envision Energy Co., Ltd  
 (11) AU-A-2019476056  
 (21) 2019476056 (22) 28.11.2019  
 (54) Material core for wind turbine blade and method for manufacturing the same  
 (51) Int. Cl.  
 F03D 80/00 ( 2016.01 )  
 B29C 33/42 ( 2006.01 )  
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 (43) 03.06.2021  
 (72) GLUD, Jens; GIROLOMINI, Giancarlo; OVERGAARD, Lars Christian Terndrup  
 (74) Collison & Co

(71) EpicentRx, Inc.  
 (11) AU-A-2020401298  
 (21) 2020401298 (22) 11.12.2020  
 (54) Medication infusion devices, systems, and methods  
 (51) Int. Cl.  
 A61M 5/14 ( 2006.01 )  
 A61B 5/15 ( 2006.01 )  
 A61B 5/153 ( 2006.01 )

A61M 5/168 ( 2006.01 )  
 (87) WO2021/119433  
 (31) 62/946,856 (32) 11.12.19 (33) US  
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 (43) 17.06.2021  
 (72) ORONSKY, Bryan; CAROEN, Scott  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) EpinovaTech AB  
 (11) AU-A-2020400286  
 (21) 2020400286 (22) 08.12.2020  
 (54) Semiconductor layer structure  
 (51) Int. Cl.  
 H01L 29/778 ( 2006.01 )  
 H01L 21/20 ( 2006.01 )  
 H01L 21/205 ( 2006.01 )  
 H01L 21/337 ( 2006.01 )  
 H01L 21/338 ( 2006.01 )  
 H01L 29/423 ( 2006.01 )  
 H01L 29/10 ( 2006.01 )  
 H01L 29/20 ( 2006.01 )  
 H01L 29/417 ( 2006.01 )  
 (87) WO2021/116073  
 (31) 19215267.6 (32) 11.12.19 (33) EP  
 (43) 17.06.2021  
 (72) OLSSON, Martin Andreas  
 (74) Michael Buck IP

(71) Epiroc Drilling Tools Aktiebolag  
 (11) AU-A-2021219240  
 (21) 2021219240 (22) 08.02.2021  
 (54) Drill tool and system for drill tool identification  
 (51) Int. Cl.  
 E21B 17/00 ( 2006.01 )  
 (87) WO2021/162611  
 (31) 2050157-3 (32) 13.02.20 (33) SE  
 (43) 19.08.2021  
 (72) STENBERG, Göran; SUNDBERG, Henrik  
 (74) WRAYS PTY LTD

(71) Essilor International  
 (11) AU-A-2021206028  
 (21) 2021206028 (22) 08.01.2021  
 (54) A method and system for retrieving an optical parameter of an ophthalmic lens  
 (51) Int. Cl.  
 G01M 11/02 ( 2006.01 )  
 (87) WO2021/140204  
 (31) 20305009.1 (32) 09.01.20 (33) EP  
 (43) 15.07.2021  
 (72) HAMLAOUI, Samy; CALEFF, Florian; GUEU, Stéphane; SUSSET, Arnaud; MURADORE, Fabien; WANG, Ning  
 (74) Halfords IP

(71) Essity Hygiene and Health Aktiebolag  
 (11) AU-A-2019477491  
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 (54) Waste bin and method of servicing the same  
 (51) Int. Cl.  
 B65F 1/02 ( 2006.01 )  
 B65F 1/04 ( 2006.01 )  
 B65F 1/06 ( 2006.01 )

B65F 1/14 ( 2006.01 )  
 (87) WO2021/112731  
 (43) 10.06.2021  
 (72) KLING, Robert; SVEDBERG, Agne  
 (74) Griffith Hack

(71) Essity Hygiene and Health Aktiebolag  
 (11) AU-A-2019478287  
 (21) 2019478287 (22) 13.12.2019  
 (54) An individually packed sanitary article  
 (51) Int. Cl.  
 A61F 13/472 ( 2006.01 )  
 A61F 13/15 ( 2006.01 )  
 A61F 13/551 ( 2006.01 )  
 A61F 13/56 ( 2006.01 )  
 (87) WO2021/118421  
 (43) 17.06.2021  
 (72) POLLARD, Charlotte  
 (74) Griffith Hack

(71) Essity Hygiene and Health Aktiebolag  
 (11) AU-A-2019478288  
 (21) 2019478288 (22) 13.12.2019  
 (54) Sanitary article having asymmetrical fastening wings  
 (51) Int. Cl.  
 A61F 13/472 ( 2006.01 )  
 A61F 13/15 ( 2006.01 )  
 A61F 13/551 ( 2006.01 )  
 A61F 13/56 ( 2006.01 )  
 (87) WO2021/118422  
 (43) 17.06.2021  
 (72) BLOMSTRÖM, Philip; POLLARD, Charlotte  
 (74) Griffith Hack

(71) Essity Hygiene and Health Aktiebolag  
 (11) AU-A-2019478717  
 (21) 2019478717 (22) 20.12.2019  
 (54) An absorbent hygienic article for absorbing body fluids  
 (51) Int. Cl.  
 A61F 13/15 ( 2006.01 )  
 A61F 13/51 ( 2006.01 )  
 A61F 13/511 ( 2006.01 )  
 A61F 13/53 ( 2006.01 )  
 D04H 1/425 ( 2012.01 )  
 D04H 1/4258 ( 2012.01 )  
 D04H 1/46 ( 2012.01 )  
 (87) WO2021/126034  
 (43) 24.06.2021  
 (72) BAGGER-SJÖBÄCK, Anna; HÖRLE, Magdalena; BLOMSTRÖM, Philip; FINGAL, Lars; NIHLSTRAND, Anna  
 (74) Griffith Hack

(71) Essity Hygiene and Health Aktiebolag  
 (11) AU-A-2019479041  
 (21) 2019479041 (22) 20.12.2019  
 (54) An absorbent hygienic article for absorbing body fluids  
 (51) Int. Cl.  
 A61F 13/15 ( 2006.01 )  
 A61F 13/51 ( 2006.01 )  
 A61F 13/511 ( 2006.01 )  
 A61F 13/53 ( 2006.01 )  
 D04H 1/425 ( 2012.01 )

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*D04H 1/46* ( 2012.01 )  
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**(43)** 24.06.2021  
**(72)** BAGGER-SJÖBÄCK, Anna; HÖRLE, Magdalena; BLOMSTRÖM, Philip; FIN-GAL, Lars; NIHLSTRAND, Anna  
**(74)** Griffith Hack
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- (71)** Eva Last Hong Kong Limited  
**(11)** AU-A-2020370231  
**(21)** 2020370231 **(22)** 24.10.2020  
**(54)** Surface finish manufacturing system and process  
**(51)** Int. Cl.  
*B44C 3/00* ( 2006.01 )  
*B44C 1/22* ( 2006.01 )  
*B44C 1/24* ( 2006.01 )  
*B44C 5/04* ( 2006.01 )  
**(87)** WO2021/079353  
**(31)** 11067083.9 **(32)** 24.10.19 **(33)** CN  
**(43)** 29.04.2021  
**(72)** CHAPMAN, Wesley Raymond  
**(74)** James & Wells Intellectual Property
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**(11)** AU-A-2020380421  
**(21)** 2020380421 **(22)** 06.11.2020  
**(54)** Process for producing synthetic hydrocarbons from biomass  
**(51)** Int. Cl.  
*C10G 2/00* ( 2006.01 )  
*C10J 3/00* ( 2006.01 )  
*C25B 1/04* ( 2021.01 )  
**(87)** WO2021/087618  
**(31)** 62/933,015 **(32)** 08.11.19 **(33)** US  
**(43)** 14.05.2021  
**(72)** PRICE, Steve; KRESNYAK, Steve; CRAWFORD, Gord  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Expro North Sea Limited  
**(11)** AU-A-2020392507  
**(21)** 2020392507 **(22)** 27.11.2020  
**(54)** Downhole power generation devices and method of generating power downhole  
**(51)** Int. Cl.  
*E21B 41/00* ( 2006.01 )  
**(87)** WO2021/105366  
**(31)** 1917357.4 **(32)** 28.11.19 **(33)** GB  
**(43)** 03.06.2021  
**(72)** WARD, Stuart; TRINDER, Julian Richard  
**(74)** Spruson & Ferguson
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- (71)** Expro North Sea Limited  
**(11)** AU-A-2020392866  
**(21)** 2020392866 **(22)** 20.11.2020  
**(54)** A valve assembly  
**(51)** Int. Cl.  
*E21B 34/10* ( 2006.01 )  
**(87)** WO2021/105652  
**(31)** 1917311.1 **(32)** 28.11.19 **(33)** GB
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- (43)** 03.06.2021  
**(72)** MANETT, Kris; YEATS, Linda  
**(74)** Spruson & Ferguson
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- (71)** Expro North Sea Limited  
**(11)** AU-A-2020392885  
**(21)** 2020392885 **(22)** 26.11.2020  
**(54)** Tool for use in well tubing and method of using same  
**(51)** Int. Cl.  
*E21B 47/00* ( 2012.01 )  
*E21B 47/01* ( 2012.01 )  
*E21B 47/06* ( 2012.01 )  
*E21B 47/125* ( 2012.01 )  
*E21B 47/13* ( 2012.01 )  
**(87)** WO2021/105686  
**(31)** 1917190.9 **(32)** 26.11.19 **(33)** GB  
**(43)** 03.06.2021  
**(72)** DULLAGE, Bryan; BOGDANOV, Oleg  
**(74)** Spruson & Ferguson
- 
- (71)** Ezetrolley Pty Ltd  
**(11)** AU-A-2020377152  
**(21)** 2020377152 **(22)** 27.10.2020  
**(54)** Steering apparatus for object transporting vehicles  
**(51)** Int. Cl.  
*B62B 1/26* ( 2006.01 )  
*B62B 3/00* ( 2006.01 )  
*B62B 3/02* ( 2006.01 )  
*B62B 5/00* ( 2006.01 )  
*B62B 5/06* ( 2006.01 )  
**(87)** WO2021/084405  
**(31)** 2019904053 **(32)** 28.10.19 **(33)** AU  
**(43)** 06.05.2021  
**(72)** HARTCUP, Jason  
**(74)** Kerry Hubick
- 
- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2020403913  
**(21)** 2020403913 **(22)** 16.12.2020  
**(54)** Bispecific anti-CCL2 antibodies  
**(51)** Int. Cl.  
*A61P 35/00* ( 2006.01 )  
*A61P 37/06* ( 2006.01 )  
*C07K 16/24* ( 2006.01 )  
**(87)** WO2021/122733  
**(31)** 19217665.9 **(32)** 18.12.19 **(33)** EP  
**(43)** 24.06.2021  
**(72)** FENG, Shu; FISCHER, Jens; GAN, Siok Wan; GEORGES, Guy; GERTZ, Michael; HO, Wei Shiong Adrian; JOCHNER, Anton; JORDAN, Gregor; KETTENBERGER, Hubert; LAM, Runyi Adeline; MAJETY, Meher; MOELLEKEN, Joerg; RUNZA, Valeria; SCHAEFER, Martin; SCHLOTHAUER, Tilman; TIEFENTHALER, Georg; VIERT, Maria  
**(74)** Griffith Hack
- 
- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2020415307  
**(21)** 2020415307 **(22)** 22.12.2020  
**(54)** Method of treating virus infection using a TLR7 agonist  
**(51)** Int. Cl.
- 
- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2020432208  
**(21)** 2020432208 **(22)** 11.03.2020  
**(54)** Method and apparatus for a gravity and buoyancy engine  
**(51)** Int. Cl.  
*F16D 23/00* ( 2006.01 )  
*F03B 17/02* ( 2006.01 )
- 
- (71)** F. Hoffmann-La Roche AG  
**(11)** AU-A-2020419442  
**(21)** 2020419442 **(22)** 30.12.2020  
**(54)** Single-use cell culture container with one or more in-situ online sensors  
**(51)** Int. Cl.  
*C12M 1/00* ( 2006.01 )  
*C12M 1/12* ( 2006.01 )  
*C12M 1/34* ( 2006.01 )  
**(87)** WO2021/136798  
**(31)** 20150132.7 **(32)** 02.01.20 **(33)** EP  
**(43)** 08.07.2021  
**(72)** SCHWALD, Christian  
**(74)** Griffith Hack
- 
- (71)** Fieldpoint (Cyprus) Limited  
**(11)** AU-A-2019476738  
**(21)** 2019476738 **(22)** 02.12.2019  
**(54)** Compositions comprising hyper harmonized hydroxyl modified fullerene substances  
**(51)** Int. Cl.  
*C07C 35/44* ( 2006.01 )  
*A01N 31/06* ( 2006.01 )  
*A61K 8/67* ( 2006.01 )  
*A61K 9/08* ( 2006.01 )  
*A61K 31/047* ( 2006.01 )  
*A61P 17/00* ( 2006.01 )  
*A61Q 19/00* ( 2006.01 )  
**(87)** WO2021/110234  
**(43)** 10.06.2021  
**(72)** KORUGA, Djuro  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
- 
- (71)** Filloramo, C.  
**(11)** AU-A-2020432208  
**(21)** 2020432208 **(22)** 11.03.2020  
**(54)** Method and apparatus for a gravity and buoyancy engine  
**(51)** Int. Cl.  
*F16D 23/00* ( 2006.01 )  
*F03B 17/02* ( 2006.01 )

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- F03B 17/04** ( 2006.01 )  
**F03G 3/00** ( 2006.01 )  
**F03G 7/10** ( 2006.01 )  
**H02K 53/00** ( 2006.01 )  
**(87)** WO2021/171065  
**(31)** 16/801,461 **(32)** 26.02.20 **(33)** US  
**(43)** 02.09.2021  
**(72)** FILLORAMO, Christopher Michael  
**(74)** Patentec Patent Attorneys
- 
- (71)** FNV IP B.V.  
**(11)** AU-A-2020394287  
**(21)** 2020394287 **(22)** 05.11.2020  
**(54)** Nearshore subsea drilling  
**(51)** Int. Cl.  
**E21B 7/12** ( 2006.01 )  
**E21B 7/124** ( 2006.01 )  
**(87)** WO2021/107771  
**(31)** 2024306 **(32)** 25.11.19 **(33)** NL  
**(43)** 03.06.2021  
**(72)** RICHARDS, Peter David; AMOS, James Alexander  
**(74)** Griffith Hack
- 
- (71)** FNV IP B.V.  
**(11)** AU-A-2020394288  
**(21)** 2020394288 **(22)** 26.11.2020  
**(54)** Electric field gradient sensor  
**(51)** Int. Cl.  
**C23F 13/22** ( 2006.01 )  
**G01N 17/02** ( 2006.01 )  
**G01R 29/14** ( 2006.01 )  
**B63G 8/38** ( 2006.01 )  
**F17D 5/00** ( 2006.01 )  
**G01R 29/08** ( 2006.01 )  
**(87)** WO2021/107776  
**(31)** 2024318 **(32)** 27.11.19 **(33)** NL  
**(43)** 03.06.2021  
**(72)** DORRESTIJN, Igor Konrad  
**(74)** Griffith Hack
- 
- (71)** Foundry Innovation & Research 1, Ltd.  
**(11)** AU-A-2020384946  
**(21)** 2020384946 **(22)** 12.11.2020  
**(54)** Resonant circuit-based vascular monitors and related systems and methods  
**(51)** Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/02** ( 2006.01 )  
**A61B 5/07** ( 2006.01 )  
**A61B 5/107** ( 2006.01 )  
**(87)** WO2021/094980  
**(31)** 62/934,399 **(32)** 12.11.19 **(33)** US  
**(43)** 20.05.2021  
**(72)** MARTIN, Pablo I.; KELLY, Michael; WETTERLING, Friedrich; MCDONALD, Jack; SWEENEY, Fiachra M.  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Furukawa Electric Co., Ltd.  
**(11)** AU-A-2020375372  
**(21)** 2020375372 **(22)** 30.10.2020  
**(54)** Housing unit  
**(51)** Int. Cl.  
**H01Q 1/04** ( 2006.01 )  
**(87)** WO2021/085626
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- (31)** 2019-197200 **(32)** 30.10.19 **(33)** JP  
**(43)** 06.05.2021  
**(72)** MITSUHASHI Yuito; HAMADA Hiroki; HATTORI Nobuhiko; KAGIMOTO Taishi; MOCHIZUKI Takahiro  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Galderma Holding SA; Ipsen Biopharm Limited  
**(11)** AU-A-2020404611  
**(21)** 2020404611 **(22)** 19.12.2020  
**(54)** Method of purifying botulinum toxin  
**(51)** Int. Cl.  
**C07K 14/33** ( 2006.01 )  
**(87)** WO2021/124295  
**(31)** 62/951,828 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** STÄHL, Ulf; FRANK, Peter; JARSTAD, Anders; MUL, Sebastiaan; NOLIN, John; NODQVIST, Lena; ÅBERG, Simon  
**(74)** Spruson & Ferguson
- 
- (71)** Galderma Holding SA; Ipsen Biopharm Limited  
**(11)** AU-A-2020407634  
**(21)** 2020407634 **(22)** 19.12.2020  
**(54)** Method of producing botulinum toxin  
**(51)** Int. Cl.  
**C12P 21/02** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**C12R 1/145** ( 2006.01 )  
**(87)** WO2021/124296  
**(31)** 62/951,549 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** STÄHL, Ulf; FRANK, Peter; JARSTAD, Anders; PICKETT, Andrew  
**(74)** Spruson & Ferguson
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- (71)** Gambro Lundia AB  
**(11)** AU-A-2020405942  
**(21)** 2020405942 **(22)** 14.12.2020  
**(54)** A medical equipment, an authentication server and methods for authorizing a user access to an equipment via an equipment user interface  
**(51)** Int. Cl.  
**H04W 12/08** ( 2021.01 )  
**H04L 9/08** ( 2006.01 )  
**H04L 9/32** ( 2006.01 )  
**H04W 12/71** ( 2021.01 )  
**(87)** WO2021/122440  
**(31)** 1951502-2 **(32)** 19.12.19 **(33)** SE  
**(43)** 24.06.2021  
**(72)** CAMERON, Jens  
**(74)** Griffith Hack
- 
- (71)** GenEmbryomics Pty. Ltd.  
**(11)** AU-A-2020369151  
**(21)** 2020369151 **(22)** 21.10.2020  
**(54)** Method for screening IVF embryos  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**G16B 20/10** ( 2019.01 )  
**G16B 20/20** ( 2019.01 )  
**G16B 30/10** ( 2019.01 )
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- (87)** WO2021/077163  
**(31)** 2019903966 **(32)** 22.10.19 **(33)** AU  
**(43)** 29.04.2021  
**(72)** MURPHY, Nicholas Mark  
**(74)** FB Rice Pty Ltd
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- (71)** Genentech, Inc.  
**(11)** AU-A-2020399619  
**(21)** 2020399619 **(22)** 07.12.2020  
**(54)** Anti-PD-L1 antibody formulations  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/118930  
**(31)** 62/945,730 **(32)** 09.12.19 **(33)** US  
**(43)** 17.06.2021  
**(72)** HUI, Ada; ZHU-SHIMONI, Judith  
**(74)** Griffith Hack
- 
- (71)** Genzyme Corporation  
**(11)** AU-A-2020372397  
**(21)** 2020372397 **(22)** 21.10.2020  
**(54)** In-line product monitoring in integrated continuous bio-manufacturing  
**(51)** Int. Cl.  
**G01N 21/41** ( 2006.01 )  
**B01D 15/18** ( 2006.01 )  
**C07K 1/16** ( 2006.01 )  
**G01N 21/84** ( 2006.01 )  
**(87)** WO2021/081055  
**(31)** 62/924,551 **(32)** 22.10.19 **(33)** US  
**(43)** 29.04.2021  
**(72)** SNOW, Robert; KUTZKO, Joseph P.; KANG, Xuezheng  
**(74)** Griffith Hack
- 
- (71)** Globus (Shetland) Ltd.  
**(11)** AU-A-2020380599  
**(21)** 2020380599 **(22)** 04.11.2020  
**(54)** Safety helmet  
**(51)** Int. Cl.  
**A42B 3/06** ( 2006.01 )  
**(87)** WO2021/089622  
**(31)** 1916014.2 **(32)** 04.11.19 **(33)** GB  
**(43)** 14.05.2021  
**(72)** AGUSTSSON, Haraldur  
**(74)** Golja Haines & Friend
- 
- (71)** Graco Minnesota Inc.  
**(11)** AU-A-2020397056  
**(21)** 2020397056 **(22)** 04.12.2020  
**(54)** Automated mobile sprayer spraying and navigation  
**(51)** Int. Cl.  
**B05B 13/00** ( 2006.01 )  
**B05B 12/00** ( 2018.01 )  
**(87)** WO2021/113609  
**(31)** 62/944,695 **(32)** 06.12.19 **(33)** US  
 62/944,708 06.12.19 US  
 62/944,714 06.12.19 US  
 62/944,754 06.12.19 US  
 62/962,005 16.01.20 US  
**(43)** 10.06.2021  
**(72)** DAWSON, Charles W.; MATTSON, Barry W.; REATH, Nicholas H.; PEMBERTON, Dale C.; LINS, Christoph

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- er A.; SAUNDERS, John P.; LINDEN-FELSER, Andrew V.  
**(74)** Spruson & Ferguson
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- (71)** Grail, LLC  
**(11)** AU-A-2020391488  
**(21)** 2020391488 **(22)** 25.11.2020  
**(54)** Systems and methods for evaluating longitudinal biological feature data  
**(51)** Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**C12Q 1/68** ( 2018.01 )  
**G16B 40/20** ( 2019.01 )  
**(87)** WO2021/108654  
**(31)** 62/941,012 **(32)** 27.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** MAHER, M. Cyrus; ARAVANIS, Alex; LAI, Angela; VENN, Oliver; RAVA, Richard; XIANG, Jing; MARCUS, Joseph  
**(74)** James & Wells Intellectual Property
- 
- (71)** Grail, LLC  
**(11)** AU-A-2020402104  
**(21)** 2020402104 **(22)** 11.12.2020  
**(54)** Cancer classification using patch convolutional neural networks  
**(51)** Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**G16H 30/40** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**(87)** WO2021/119471  
**(31)** 62/948,129 **(32)** 13.12.19 **(33)** US  
**(43)** 17.06.2021  
**(72)** NICULA, Virgil; NIKOLIC, Ognjen; SAITO, Yasushi; ERIKSEN, Marius; NEWMAN, Josh; FILIPPOVA, Darya; YIP, Alexander; VENN, Oliver Claude; BREDNO, Joerg; LIU, Qinwen; FIELDS, Alexander P.  
**(74)** James & Wells Intellectual Property
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- (71)** Grail, LLC  
**(11)** AU-A-2020408215  
**(21)** 2020408215 **(22)** 18.12.2020  
**(54)** Systems and methods for estimating cell source fractions using methylation information  
**(51)** Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**G16B 30/10** ( 2019.01 )  
**G16B 40/20** ( 2019.01 )  
**(87)** WO2021/127565  
**(31)** 62/950,071 **(32)** 18.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** XIANG, Jing; CALEF, Robert Abe Paine  
**(74)** James & Wells Intellectual Property
- 
- (71)** Great Plains Manufacturing, Inc.  
**(11)** AU-A-2021208629  
**(21)** 2021208629 **(22)** 15.01.2021  
**(54)** Autonomous agricultural system  
**(51)** Int. Cl.  
**A01B 69/04** ( 2006.01 )  
**A01B 71/00** ( 2006.01 )  
**G05D 1/02** ( 2020.01 )  
**(87)** WO2021/146615
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- (31)** 62/961,512 **(32)** 15.01.20 **(33)** US  
**(43)** 63/121,724 04.12.20 US  
**(43)** 22.07.2021  
**(72)** DISBERGER, David; SMITH, Benjamin M.; DEGARMO, Rye; ARNETT, Gregory W.; REED, Craig A.; COLEMAN, Chris  
**(74)** SR Intellectual Property
- 
- (71)** Green, R.  
**(11)** AU-A-2020395697  
**(21)** 2020395697 **(22)** 02.12.2020  
**(54)** Onsite microorganism-based treatment method, system and apparatus  
**(51)** Int. Cl.  
**C02F 3/34** ( 2006.01 )  
**C12M 1/02** ( 2006.01 )  
**C12M 1/40** ( 2006.01 )  
**C12N 11/00** ( 2006.01 )  
**(87)** WO2021/112691  
**(31)** 759816 **(32)** 03.12.19 **(33)** NZ  
**(43)** 10.06.2021  
**(72)** GREEN, Robert  
**(74)** Pipers Intellectual Property
- 
- (71)** Greeneden U.S. Holdings II, LLC  
**(11)** AU-A-2020386058  
**(21)** 2020386058 **(22)** 20.11.2020  
**(54)** Systems and methods for dialog management  
**(51)** Int. Cl.  
**G06F 40/30** ( 2020.01 )  
**(87)** WO2021/102278  
**(31)** 62/939,183 **(32)** 22.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** ORR, Michael; BURNS, Nicola; WYSS, Felix Immanuel  
**(74)** Spruson & Ferguson
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- (71)** Greeneden U.S. Holdings II, LLC  
**(11)** AU-A-2020401587  
**(21)** 2020401587 **(22)** 14.12.2020  
**(54)** Contact center system and method for advanced outbound communications to a contact group  
**(51)** Int. Cl.  
**G06Q 10/00** ( 2012.01 )  
**(87)** WO2021/119592  
**(31)** 16/714,499 **(32)** 13.12.19 **(33)** US  
**(43)** 17.06.2021  
**(72)** FRIO, Andrea; LEJEUNE, Arnaud; HALTER, Stephanie; BATES, Anthony J.  
**(74)** Spruson & Ferguson
- 
- (71)** Greeneden U.S. Holdings II, LLC  
**(11)** AU-A-2020405249  
**(21)** 2020405249 **(22)** 21.12.2020  
**(54)** Emotion detection in audio interactions  
**(51)** Int. Cl.  
**G10L 25/63** ( 2013.01 )  
**G10L 15/04** ( 2013.01 )  
**G10L 15/02** ( 2006.01 )  
**G10L 25/30** ( 2013.01 )  
**(87)** WO2021/127615  
**(31)** 16/723,154 **(32)** 20.12.19 **(33)** US
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- (43)** 24.06.2021  
**(72)** FAIZAKOF, Avraham; HAIKIN, Lev; KONIG, Yochai; MAZZA, Amnon  
**(74)** Spruson & Ferguson
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- (71)** GRID20/20, Inc.  
**(11)** AU-A-2020403706  
**(21)** 2020403706 **(22)** 20.11.2020  
**(54)** Wildfire and public safety event detection systems and methods  
**(51)** Int. Cl.  
**G08B 25/10** ( 2006.01 )  
**(31)** 16/953,788 **(32)** 20.11.20 **(33)** US  
**(43)** 09.06.2022  
**(72)** SNOOK II, W. Alan; ANGELI, Sergio; BEAUDET, Joseph O.  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
- 
- (71)** Gritstone Bio, Inc.  
**(11)** AU-A-2020384374  
**(21)** 2020384374 **(22)** 13.11.2020  
**(54)** Antigen-binding proteins targeting shared neoantigens  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/39** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2021/097365  
**(31)** 63/030,774 **(32)** 27.05.20 **(33)** US  
**(43)** 62/936,303 15.11.19 US  
**(43)** 20.05.2021  
**(72)** JOOSS, Karin; NOWICKA, Aleksandra Katarzyna; JALLOH, Abubakar; YELENSKY, Roman; SUN, James Xin; BUSBY, Jennifer; DAVIS, Matthew Joseph  
**(74)** FB Rice Pty Ltd
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- (71)** Guangdong Oppo Mobile Telecommunications Corp., Ltd.  
**(11)** AU-A-2020440758  
**(21)** 2020440758 **(22)** 07.07.2020  
**(54)** Wireless communication method, terminal device, and network device  
**(51)** Int. Cl.  
**H04W 4/021** ( 2018.01 )  
**G08G 5/00** ( 2006.01 )  
**(87)** WO2021/196440  
**(31)** PCT/ CN2020/083278 **(32)** 03.04.20 **(33)** CN  
**(43)** 07.10.2021  
**(72)** XU, Yang; CHIN, Chen Ho  
**(74)** Spruson & Ferguson
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- (71)** Gulf Medical Technologies  
**(11)** AU-A-2020381246  
**(21)** 2020381246 **(22)** 04.11.2020  
**(54)** Cleaning device for surgical tool  
**(51)** Int. Cl.  
**A61B 1/00** ( 2006.01 )  
**A61B 1/12** ( 2006.01 )  
**(87)** WO2021/090218  
**(31)** 62/929,955 **(32)** 04.11.19 **(33)** US

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- (43) 14.05.2021  
 (72) ANKI, Ahmad Nabeel; AL SABAH, Salman Khalifah  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020401273  
 (21) 2020401273 (22) 10.12.2020  
 (54) A method for high-pressure access through a multilateral junction  
 (51) Int. Cl.  
*E21B 17/18* ( 2006.01 )  
*E21B 43/26* ( 2006.01 )  
 (87) WO2021/119356  
 (31) 62/946,219 (32) 10.12.19 (33) US  
 17/118,472 10.12.20 US  
 (43) 17.06.2021  
 (72) STEELE, David Joe; VEMURI, Srinivasa Prasanna; DONOVAN, Stacey Blaine; FALNES, Morten; DIETZ, Wesley Paul; RAMIREZ, Christian Alexander  
 (74) Spruson & Ferguson
- 
- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020401277  
 (21) 2020401277 (22) 10.12.2020  
 (54) Unitary lateral leg with three or more openings  
 (51) Int. Cl.  
*E21B 17/18* ( 2006.01 )  
*E21B 23/00* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
*E21B 43/26* ( 2006.01 )  
 (87) WO2021/119368  
 (31) 62/946,219 (32) 10.12.19 (33) US  
 17/118,582 10.12.20 US  
 (43) 17.06.2021  
 (72) STEELE, David Joe; VEMURI, Srinivasa Prasanna; DONOVAN, Stacey Blaine; FALNES, Morten; DIETZ, Wesley Paul; RAMIREZ, Christian Alexander  
 (74) Spruson & Ferguson
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- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020402043  
 (21) 2020402043 (22) 10.12.2020  
 (54) Downhole tool with a releasable shroud at a downhole tip thereof  
 (51) Int. Cl.  
*E21B 17/18* ( 2006.01 )  
*E21B 17/04* ( 2006.01 )  
*E21B 23/00* ( 2006.01 )  
 (87) WO2021/119302  
 (31) 62/946,219 (32) 10.12.19 (33) US  
 17/118,019 10.12.20 US  
 (43) 17.06.2021  
 (72) STEELE, David Joe; VEMURI, Srinivasa Prasanna; DONOVAN, Stacey Blaine; FALNES, Morten; DIETZ, Wesley Paul; RAMIREZ, Christian Alexander  
 (74) Spruson & Ferguson
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- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020402048  
 (21) 2020402048 (22) 10.12.2020  
 (54) High-pressure multilateral junction with mainbore and lateral access and control  
 (51) Int. Cl.  
*E21B 17/18* ( 2006.01 )  
*E21B 43/26* ( 2006.01 )  
 (87) WO2021/119345  
 (31) 62/946,219 (32) 10.12.19 (33) US  
 17/118,317 10.12.20 US  
 (43) 17.06.2021  
 (72) STEELE, David Joe; VEMURI, Srinivasa Prasanna; DONOVAN, Stacey Blaine; FALNES, Morten; DIETZ, Wesley Paul; RAMIREZ, Christian Alexander  
 (74) Spruson & Ferguson
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- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020402998  
 (21) 2020402998 (22) 10.12.2020  
 (54) Multilateral junction with twisted mainbore and lateral bore legs  
 (51) Int. Cl.  
*E21B 17/18* ( 2006.01 )  
*E21B 17/02* ( 2006.01 )  
*E21B 23/00* ( 2006.01 )  
*E21B 41/00* ( 2006.01 )  
 (87) WO2021/119329  
 (31) 62/946,219 (32) 10.12.19 (33) US  
 17/118,182 10.12.20 US  
 (43) 17.06.2021  
 (72) STEELE, David Joe; VEMURI, Srinivasa Prasanna; DONOVAN, Stacey Blaine; FALNES, Morten; DIETZ, Wesley Paul; RAMIREZ, Christian Alexander  
 (74) Spruson & Ferguson
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- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2020428550  
 (21) 2020428550 (22) 18.02.2020  
 (54) Geopolymer formulations for mitigating losses  
 (51) Int. Cl.  
*E21B 33/13* ( 2006.01 )  
*C09K 8/80* ( 2006.01 )  
*E21B 33/126* ( 2006.01 )  
*E21B 43/26* ( 2006.01 )  
 (87) WO2021/162713  
 (31) 16/791,282 (32) 14.02.20 (33) US  
 (43) 19.08.2021  
 (72) PISKLAK, Thomas Jason; FABRICIO FERNANDES, Heloisa Helena; MORGAN, Ronnie Glen; MARTINEZ, Juan Humberto  
 (74) Spruson & Ferguson
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- (71) Halliburton Energy Services, Inc.  
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 (51) Int. Cl.  
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*G16H 50/30* ( 2018.01 )  
*G16H 50/70* ( 2018.01 )  
*H04R 29/00* ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
*A23L 33/12* ( 2016.01 )  
*A23L 33/15* ( 2016.01 )  
*A23P 10/30* ( 2016.01 )  
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 (54) A method for improving the flame, smoke and/or toxicity retardancy in polyisocyanurate / polyurethane (PIR/PUR) comprising materials  
 (51) Int. Cl.  
*C08G 18/76* ( 2006.01 )  
*C08F 290/06* ( 2006.01 )  
*C08G 18/02* ( 2006.01 )  
*C08G 18/09* ( 2006.01 )  
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*C08G 18/48* ( 2006.01 )  
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**(51)** Int. Cl.  
**C08G 18/76** ( 2006.01 )  
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**(54)** Composite catalysts for hydrogen energy storage and conversion  
**(51)** Int. Cl.  
**C01B 3/00** ( 2006.01 )  
**B01J 21/04** ( 2006.01 )  
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**(72)** CHEN, Hua; LIU, Yun  
**(74)** Griffith Hack
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**(11)** AU-A-2020411028  
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**(54)** Method for treating a part made of ferrous metal, and part made of ferrous metal  
**(51)** Int. Cl.
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**C21D 1/26** ( 2006.01 )  
**C21D 1/78** ( 2006.01 )  
**C22C 38/00** ( 2006.01 )  
**C22C 38/38** ( 2006.01 )  
**C23C 8/26** ( 2006.01 )  
**C23C 8/50** ( 2006.01 )  
**C23C 8/56** ( 2006.01 )  
**C23C 8/80** ( 2006.01 )  
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**(72)** HERMANN, Luc; MONTEUX, Vincent  
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**(54)** Device for disinfecting a fluid  
**(51)** Int. Cl.  
**C02F 1/32** ( 2006.01 )  
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**(54)** Dosing regimens for a protein kinase C inhibitor  
**(51)** Int. Cl.  
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**(54)** Method for regenerating an aqueous solution of MEG containing salts with purge treatment  
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**B01D 53/14** ( 2006.01 )  
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**C10L 3/10** ( 2006.01 )  
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**B01D 53/14** ( 2006.01 )  
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**(54)** Improved method for depolymerizing a polyester comprising polyethylene terephthalate  
**(51)** Int. Cl.  
**C08J 11/24** ( 2006.01 )  
**C08L 67/02** ( 2006.01 )  
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**(54)** Variant oncolytic vaccinia virus and methods of use thereof  
**(51)** Int. Cl.  
**C07K 14/07** ( 2006.01 )  
**A61K 35/768** ( 2015.01 )  
**C12N 7/00** ( 2006.01 )  
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**(54)** Devices and methods for treating vascular occlusion  
**(51)** Int. Cl.  
**A61B 17/221** ( 2006.01 )  
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 A61N 5/06 ( 2006.01 )  
 A61B 5/00 ( 2006.01 )  
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 A61C 19/06 ( 2006.01 )  
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 (54) Implantable self-closing cuff  
 (51) Int. Cl.  
 A61N 1/00 ( 2006.01 )  
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 A61K 9/00 ( 2006.01 )  
 A61L 27/00 ( 2006.01 )  
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 A61P 5/00 ( 2006.01 )  
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 C12N 5/071 ( 2010.01 )  
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 (54) Improved vaccines for recurrent respiratory papillomatosis and methods for using the same  
 (51) Int. Cl.
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 A61K 39/12 ( 2006.01 )  
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 C07K 14/54 ( 2006.01 )  
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 (51) Int. Cl.  
 C12N 15/09 ( 2006.01 )  
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 C12N 15/113 ( 2010.01 )  
 C12N 15/52 ( 2006.01 )  
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 (51) Int. Cl.  
 A61K 38/46 ( 2006.01 )  
 C07K 14/195 ( 2006.01 )  
 C12N 9/22 ( 2006.01 )  
 C12N 15/55 ( 2006.01 )  
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 (54) Cascade/dCas3 complementation assays for in vivo detection of nucleic acid-guided nuclease edited cells  
 (51) Int. Cl.  
 C12N 15/62 ( 2006.01 )  
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 C12N 15/85 ( 2006.01 )  
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 (54) Use of FXR agonists for treating an infection by hepatitis D virus  
 (51) Int. Cl.  
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 A61K 31/397 ( 2006.01 )  
 A61K 31/4045 ( 2006.01 )  
 A61K 31/4162 ( 2006.01 )  
 A61K 31/42 ( 2006.01 )  
 A61K 31/423 ( 2006.01 )  
 A61K 31/426 ( 2006.01 )  
 A61K 31/439 ( 2006.01 )  
 A61K 31/4439 ( 2006.01 )  
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 A61K 31/513 ( 2006.01 )  
 A61K 31/55 ( 2006.01 )  
 A61K 31/575 ( 2006.01 )  
 A61K 31/675 ( 2006.01 )  
 A61K 31/7056 ( 2006.01 )  
 A61K 31/7072 ( 2006.01 )  
 A61K 31/708 ( 2006.01 )  
 A61K 31/7088 ( 2006.01 )  
 A61K 38/21 ( 2006.01 )  
 A61P 31/14 ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick
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- (71) Institute of Materia Medica ,Chinese Academy of Medical Sciences  
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 (21) 2020373859 (22) 28.10.2020  
 (54) Keratin BD-4, preparation method, and pharmaceutical composition and use thereof  
 (51) Int. Cl.  
 C07K 14/47 ( 2006.01 )  
 A61K 38/17 ( 2006.01 )  
 A61P 11/00 ( 2006.01 )  
 A61P 25/08 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 C12N 15/12 ( 2006.01 )  
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 A61M 5/145 ( 2006.01 )  
 A61M 5/142 ( 2006.01 )  
 A61M 5/168 ( 2006.01 )  
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(43) 14.05.2021  
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(51) Int. Cl.  
G06F 12/0897 (2016.01)  
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G06K 9/00 (2006.01)  
G06T 7/50 (2017.01)  
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(54) Performing search based on position information  
(51) Int. Cl.  
G06F 16/58 (2019.01)  
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(43) 29.07.2021  
(72) WATANABE, Kenta; ISHIKAWA, Shunsuke; ONO, Asako; UETSUKI, Hiroaki; TOMINAGA, Yasuyuki; HASEGAWA, Tohru  
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(54) Hierarchical data  
(51) Int. Cl.  
G06F 16/903 (2019.01)  
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G06F 16/58 (2019.01)  
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H01L 39/02 (2006.01)  
H01L 39/24 (2006.01)  
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(51) Int. Cl.  
C07D 471/04 (2006.01)  
A01N 43/40 (2006.01)  
A61P 33/10 (2006.01)  
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(51) Int. Cl.  
A61P 17/00 (2006.01)  
C07K 16/28 (2006.01)  
(87) WO2021/123089  
(31) 63/015,220 (32) 24.04.20 (33) US  
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(72) MORSEY, Mohamad; ZHANG, Yuanzheng  
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(21) 2020408173 (22) 18.12.2020  
(54) A pharmaceutical composition of a pyrazole compound dispersed in a polymer matrix  
(51) Int. Cl.  
A61K 9/20 (2006.01)  
A61K 31/4155 (2006.01)  
A61K 47/38 (2006.01)  
A61P 17/00 (2006.01)  
A61P 17/04 (2006.01)  
(87) WO2021/123088  
(31) 62/951,162 (32) 20.12.19 (33) US  
(43) 24.06.2021  
(72) KULCZAR, Christopher D; SCHENCK, Luke Ryan; LI, Yongjun; RUMONDOR, Alfred C F  
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(54) Canine interleukin-4 receptor alpha antibodies  
(51) Int. Cl.

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**(31)** 63/015,220 ( **32** ) 24.04.20 **(33)** US  
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**(43)** 24.06.2021  
**(72)** MORSEY, Mohamad; ZHANG, Yuanzheng  
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**(11)** AU-A-2020409588  
**(21)** 2020409588 ( **22** ) 18.12.2020  
**(54)** A pyrazole pharmaceutical composition  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 47/34** ( 2017.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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**(21)** 2020369454 ( **22** ) 02.10.2020  
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**(51)** Int. Cl.  
**A01N 65/00** ( 2009.01 )  
**C12N 15/00** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**(87)** WO2021/080761  
**(31)** 62/925,853 ( **32** ) 25.10.19 **(33)** US  
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**(74)** Phillips Ormonde Fitzpatrick

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**(11)** AU-A-2021274466  
**(21)** 2021274466 ( **22** ) 13.05.2021  
**(54)** Machine learning for improving mined data quality using integrated data sources  
**(51)** Int. Cl.  
**G06Q 30/02** ( 2012.01 )  
**(87)** WO2021/236404  
**(31)** 16/879,713 ( **32** ) 20.05.20 **(33)** US  
**(43)** 25.11.2021  
**(72)** JANAKIRAMAN, Vijay Manikandan; FURBISH, Kevin Michael; RANGANATHAN, Nirmala; KAUSE, Kymm K.  
**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-A-2021289313  
**(21)** 2021289313 ( **22** ) 07.06.2021

**(54)** System and method for providing behavioral-based personalized nudges for creating savings goals  
**(51)** Int. Cl.  
**G06Q 40/02** ( 2012.01 )  
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**(87)** WO2021/252331  
**(31)** 16/897,476 ( **32** ) 10.06.20 **(33)** US  
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**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-A-2021295948  
**(21)** 2021295948 ( **22** ) 27.05.2021  
**(54)** Minimizing regret through active learning for transaction categorization  
**(51)** Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
**G06Q 40/02** ( 2012.01 )  
**(87)** WO2021/262381  
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**(72)** LESNER, Christopher Z.; RAN, Alexander S.; COOPER, Kristin  
**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-A-2021308941  
**(21)** 2021308941 ( **22** ) 13.05.2021  
**(54)** Account prediction using machine learning  
**(51)** Int. Cl.  
**G06Q 10/10** ( 2012.01 )  
**G06F 11/34** ( 2006.01 )  
**G06N 3/04** ( 2006.01 )  
**G06N 20/20** ( 2019.01 )  
**G06Q 10/00** ( 2012.01 )  
**(87)** WO2022/015405  
**(31)** 16/927,655 ( **32** ) 13.07.20 **(33)** US  
**(43)** 20.01.2022  
**(72)** TUO, Shanshan; YUCHEN, Neo; BEERAM, Divya; VRZHESHCH, Valentin; TAL, Tomer; HO, Ngoc Nhung  
**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-A-2021311376  
**(21)** 2021311376 ( **22** ) 24.05.2021  
**(54)** Customized credit card debt reduction plans  
**(51)** Int. Cl.  
**G06Q 40/02** ( 2012.01 )  
**(87)** WO2022/020000  
**(31)** 16/937,400 ( **32** ) 23.07.20 **(33)** US  
**(43)** 27.01.2022  
**(72)** BEN DAVID, Daniel; RESHEFF, Yehezkel Shraga; HORESH, Yair; RANGANATHAN, Nirmala  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Intuit Inc.  
**(11)** AU-A-2021315432  
**(21)** 2021315432 ( **22** ) 18.06.2021

**(54)** Generating machine renderable representations of forms using machine learning  
**(51)** Int. Cl.  
**G06F 40/183** ( 2020.01 )  
**G06F 40/106** ( 2020.01 )  
**G06F 40/177** ( 2020.01 )  
**G06F 40/186** ( 2020.01 )  
**(87)** WO2022/026080  
**(31)** 16/940,604 ( **32** ) 28.07.20 **(33)** US  
**(43)** 03.02.2022  
**(72)** RADHA KRISHNAN, Vinoth Jeba Kumar; BHAT, Ganesh  
**(74)** Davies Collison Cave Pty Ltd

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**(11)** AU-A-2021318113  
**(21)** 2021318113 ( **22** ) 24.05.2021  
**(54)** Combining rules-based knowledge engineering with machine learning prediction  
**(51)** Int. Cl.  
**G06N 5/02** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2022/026039  
**(31)** 16/943,481 ( **32** ) 30.07.20 **(33)** US  
**(43)** 03.02.2022  
**(72)** FURBISH, Kevin Michael; MCCLUSKEY, Kevin M.; LUBCZYNSKI, Peter E.  
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**(71)** Intuit Inc.  
**(11)** AU-A-2021330320  
**(21)** 2021330320 ( **22** ) 15.07.2021  
**(54)** Transactions over live media  
**(51)** Int. Cl.  
**H04N 21/478** ( 2011.01 )  
**H04N 21/2187** ( 2011.01 )  
**H04N 21/254** ( 2011.01 )  
**H04N 21/262** ( 2011.01 )  
**H04N 21/458** ( 2011.01 )  
**H04N 21/81** ( 2011.01 )  
**(87)** WO2022/046310  
**(31)** 17/008,582 ( **32** ) 31.08.20 **(33)** US  
**(43)** 03.03.2022  
**(72)** EFTEKHARI, Amir; MEIKE, Roger C.  
**(74)** Davies Collison Cave Pty Ltd

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**(21)** 2021353846 ( **22** ) 24.09.2021  
**(54)** Systems and methods providing contextual explanations for document understanding  
**(51)** Int. Cl.  
**G06F 16/242** ( 2019.01 )  
**G06N 5/00** ( 2006.01 )  
**(87)** WO2022/072231  
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**(43)** 07.04.2022  
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**(11)** AU-A-2021355322

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 (51) Int. Cl.  
**G06F 16/901** ( 2019.01 )  
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 (31) 17/037,470 (32) 29.09.20 (33) US  
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 (72) ZHAO, Runhua  
 (74) Davies Collison Cave Pty Ltd
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 (21) 2020388210 (22) 10.11.2020  
 (54) Speed monitoring device of a passenger transportation system  
 (51) Int. Cl.  
**B66B 25/00** ( 2006.01 )  
**G01P 3/02** ( 2006.01 )  
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 (31) 19209772.3 (32) 18.11.19 (33) EP  
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 (74) Griffith Hack
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 (21) 2020392195 (22) 27.11.2020  
 (54) Mooring robot  
 (51) Int. Cl.  
**B63B 21/00** ( 2006.01 )  
**B63B 59/02** ( 2006.01 )  
**B63C 1/00** ( 2006.01 )  
**E02B 3/20** ( 2006.01 )  
**E02B 3/26** ( 2006.01 )  
**E02B 17/00** ( 2006.01 )  
**E02C 1/10** ( 2006.01 )  
 (87) WO2021/105932  
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 (72) BROWNE, Patrick; WORLEY, Peter; TOPLISS, Stephen  
 (74) Franke Hyland Pty Ltd
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 (21) 2020392198 (22) 27.11.2020  
 (54) Monitoring system for belted undercarriage  
 (51) Int. Cl.  
**B62D 55/14** ( 2006.01 )  
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 (74) Origin Patent and Trade Mark Attorneys
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 (21) 2020397639 (22) 02.12.2020  
 (54) A method and a system to assess the safety of a driving style of a terrestrial vehicle  
 (51) Int. Cl.  
**B60W 40/09** ( 2012.01 )  
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 (72) ECHEVERRY, Julian; TITLI, Andrea Pietro  
 (74) Phillips Ormonde Fitzpatrick
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 (11) AU-A-2020415534  
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 (54) Atomic gyroscope and atomic interferometer  
 (51) Int. Cl.  
**G01C 19/58** ( 2006.01 )  
**G01P 15/00** ( 2006.01 )  
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 (21) 2020372682 (22) 30.10.2020  
 (54) Tricyclic compound and pharmaceutical use thereof  
 (51) Int. Cl.  
**C07D 401/04** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
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 (74) FB Rice Pty Ltd
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- (71) JPMorgan Chase Bank, N.A.  
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 (21) 2020401138 (22) 09.12.2020  
 (54) Method and system for detecting causes of margin call using machine learning  
 (51) Int. Cl.  
**G06Q 40/04** ( 2012.01 )  
**G06Q 20/10** ( 2012.01 )  
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 (31) 62/946,096 (32) 10.12.19 (33) US  
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 (74) WRAYS PTY LTD
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 (11) AU-A-2020395318  
 (21) 2020395318 (22) 04.12.2020
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 (51) Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 39/00** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (87) WO2021/113770  
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 (43) 10.06.2021  
 (72) DUBOVSKY, Jason A.; RYTLEWSKI, Julie; THOMPSON, Ethan; THORPE, Jerill  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2020390867  
 (21) 2020390867 (22) 26.11.2020  
 (54) Method and apparatus for spectral adjustment in digital X-ray imaging  
 (51) Int. Cl.  
**G01T 1/29** ( 2006.01 )  
**A61B 6/00** ( 2006.01 )  
**G01N 23/04** ( 2018.01 )  
 (87) WO2021/102576  
 (31) 62/941,048 (32) 27.11.19 (33) US  
 (43) 03.06.2021  
 (72) KARIM, Karim; LOPEZ MAURINO, Sebastian  
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2020391926  
 (21) 2020391926 (22) 26.11.2020  
 (54) Fluid consumption meter and leak detection system  
 (51) Int. Cl.  
**G01M 3/24** ( 2006.01 )  
 (87) WO2021/105301  
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 (43) 03.06.2021  
 (72) DUPONT, Sune Hoveroust; SØRENSEN, Jens Lykke; NIELSEN, Søren Tønnes; HEDEGAARD, Anders  
 (74) Madderns Pty Ltd
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- (71) Kao Corporation  
 (11) AU-A-2020406965  
 (21) 2020406965 (22) 18.12.2020  
 (54) Softening base agent  
 (51) Int. Cl.  
**D06L 1/12** ( 2006.01 )  
**D06M 13/256** ( 2006.01 )  
 (87) WO2021/125326  
 (31) 2019-229980 (32) 20.12.19 (33) JP  
 (43) 24.06.2021  
 (72) IGARASHI, Takako; TAMAGAWA, Ojiro  
 (74) Davies Collison Cave Pty Ltd
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- (71) Karnak Technologies, LLC; Ezra, R.  
 (11) AU-A-2021317262  
 (21) 2021317262 (22) 29.07.2021

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- (54) Oral compositions of lipophilic diety supplements, nutraceuticals and beneficial edible oils
- (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/16** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )
- (87) WO2022/024126  
(31) 63/058,278 (32) 29.07.20 (33) US  
(43) 03.02.2022  
(72) EZRA, Rafael  
(74) FB Rice Pty Ltd
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- (71) Kiffik Inc.  
(11) AU-A-2020370874  
(21) 2020370874 (22) 03.12.2020  
(54) Continuous or periodical transdermal delivery of exogenous molecule
- (51) Int. Cl.  
**A61N 1/32** ( 2006.01 )  
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 (21) 2020384235 (22) 30.07.2020  
 (54) Amusement ride, in particular water amusement ride, and method for operating such an amusement ride  
 (51) Int. Cl.  
*A63G 3/00* ( 2006.01 )  
*A63G 3/02* ( 2006.01 )  
*A63G 7/00* ( 2006.01 )  
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 (72) BURGER, Günter  
 (74) Franke Hyland Pty Ltd

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(71) Malta Inc.  
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 (21) 2020384893 (22) 16.11.2020  
 (54) Pumped heat electric storage system  
 (51) Int. Cl.  
*F01K 3/12* ( 2006.01 )  
*F01K 3/00* ( 2006.01 )  
*F01K 3/06* ( 2006.01 )  
*F01K 3/26* ( 2006.01 )  
*F01K 13/02* ( 2006.01 )  
*F01K 25/00* ( 2006.01 )  
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(71) Maplebear Inc. (DBA Instacart)  
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 (54) Messaging interface for managing order changes  
 (51) Int. Cl.  
*G06Q 30/00* ( 2012.01 )  
 (87) WO2021/091598  
 (31) 16/677,350 (32) 07.11.19 (33) US  
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 (72) VAN HORNE, Camille; GOOLKASIAN, Philip  
 (74) FB Rice Pty Ltd

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 (11) AU-A-2020381010  
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 (54) Underwater modular structure, module of or for said underwater modular structure and method of constructing an underwater modular structure  
 (51) Int. Cl.  
*E02B 3/04* ( 2006.01 )  
*E02B 3/06* ( 2006.01 )  
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 (72) ASCENCIO ASCENCIO, Jaime Alejandro  
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(71) Marlow Foods Limited  
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 (21) 2020392896 (22) 27.11.2020  
 (54) Foodstuffs  
 (51) Int. Cl.  
*A23J 3/20* ( 2006.01 )  
*A23J 3/22* ( 2006.01 )  
*A23J 3/26* ( 2006.01 )  
*A23L 29/00* ( 2016.01 )  
*A23L 31/00* ( 2016.01 )  
*C12N 1/14* ( 2006.01 )  
*C12R 1/77* ( 2006.01 )  
 (87) WO2021/105704  
 (31) 1917488.7 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
 (72) AKINTOYE, Muyiwa; EVANS, Alexander James; DRUMMOND, Ian  
 (74) FB Rice Pty Ltd

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(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.  
 (11) AU-A-2020400048  
 (21) 2020400048 (22) 10.12.2020  
 (54) Synthetic tissue barriers and uses thereof

(51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61L 24/04* ( 2006.01 )  
*A61L 24/06* ( 2006.01 )  
*A61L 24/08* ( 2006.01 )  
*A61L 31/04* ( 2006.01 )  
*A61L 31/06* ( 2006.01 )  
*A61L 31/14* ( 2006.01 )  
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 (31) 63/050,206 (32) 10.07.20 (33) US  
 63/050,216 10.07.20 US  
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 (72) TRAVERSO, Carlo Giovanni; KIRTANE, Ameya R.; LI, Junwei; BYRNE, James; JONES, Alexis; WANG, Thomas  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.  
 (11) AU-A-2020401226  
 (21) 2020401226 (22) 10.12.2020  
 (54) Tissue catalyzed growth of polymer as epithelial linings for therapy  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61L 24/04* ( 2006.01 )  
*A61L 24/06* ( 2006.01 )  
*A61L 24/08* ( 2006.01 )  
*A61L 31/04* ( 2006.01 )  
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*A61L 31/14* ( 2006.01 )  
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 (31) 63/050,206 (32) 10.07.20 (33) US  
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 (54) Glove with reinforced fingers  
 (51) Int. Cl.  
*A41D 19/015* ( 2006.01 )  
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 (74) K&L Gates

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 (54) Dual IL-2R and IL-7R binding compounds  
 (51) Int. Cl.  
*C07K 14/55* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )

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**(74)** Minter Ellison
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- (71)** MedImmune Limited  
**(11)** AU-A-2020379171  
**(21)** 2020379171 ( **22** ) 03.11.2020  
**(54)** Methods of using IL-33 antagonists  
**(51)** Int. Cl.  
**A61P 11/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 11/06** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 16/24** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick
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- (71)** MedImmune Limited  
**(11)** AU-A-2020380588  
**(21)** 2020380588 ( **22** ) 03.11.2020  
**(54)** Anti IL-33 therapeutic agent FPR treating renal disorders  
**(51)** Int. Cl.  
**C07K 16/24** ( 2006.01 )  
**A61P 13/12** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12Q 1/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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**(43)** 14.05.2021  
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**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Meditalia Industriale S.r.l.; Fondazione Policlinico Universitario Agostino Gemelli IRCCS; Università Cattolica del Sacro Cuore; Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico  
**(11)** AU-A-2020387128  
**(21)** 2020387128 ( **22** ) 18.11.2020  
**(54)** Process for preparing blood components and biomedical device  
**(51)** Int. Cl.  
**A61M 1/02** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
**(87)** WO2021/099953  
**(31)** 102019000021426 ( **32** ) 18.11.19 **(33)** IT
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**(72)** REBULLA, Paolo; MAZZARO, Giovanni; BIANCHI, Maria; TEOFILI, Luciana  
**(74)** Phillips Ormonde Fitzpatrick
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- (71)** Medline Industries, LP  
**(11)** AU-A-2020396872  
**(21)** 2020396872 ( **22** ) 01.12.2020  
**(54)** Sensor for absorbent article  
**(51)** Int. Cl.  
**A61F 13/42** ( 2006.01 )  
**A61F 13/471** ( 2006.01 )  
**A61F 13/472** ( 2006.01 )  
**A61F 13/514** ( 2006.01 )  
**A61F 13/78** ( 2006.01 )  
**A61F 13/84** ( 2006.01 )  
**(87)** WO2021/113230  
**(31)** 17/108,239 ( **32** ) 01.12.20 **(33)** US  
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**(43)** 10.06.2021  
**(72)** KURT, Alyssa; ROSZKOWIAK, Amanda; MATUS, Kristy; ROEMISCH, Derrick; BLASZCZUK, Karolina; CHRISTIANSEN, Michelle; FOGEL, Jeremy Stephen; BOWSER, William; URIDIL, Morgan; FUERSTE, Cole  
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- (71)** Memorial Sloan Kettering Cancer Center; Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.  
**(11)** AU-A-2020376937  
**(21)** 2020376937 ( **22** ) 30.10.2020  
**(54)** HLA class I sequence divergence and cancer therapy  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**C07K 14/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2021/087381  
**(31)** 62/929,756 ( **32** ) 01.11.19 **(33)** US  
**(43)** 06.05.2021  
**(72)** CHAN, Timothy A.; PUENTE, Diego Chowell; KRISHNA, Chirag; LENZ, Tobias Leander; PIERINI, Federica  
**(74)** FB Rice Pty Ltd
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**(11)** AU-A-2019475630  
**(21)** 2019475630 ( **22** ) 26.11.2019  
**(54)** Sample holder for performing X-ray analysis on a crystalline sample, and sample holder handling system  
**(51)** Int. Cl.  
**G01N 23/20025** ( 2018.01 )  
**(87)** WO2021/104610  
**(43)** 03.06.2021  
**(72)** VON ESSEN, Carolina; TROUBNIAKOV, Slawa; MUSIL, Djordje; KHUTIA, Anupam; KUEHN, Clemens; GAJEWSKI, Jan  
**(74)** FPA Patent Attorneys Pty Ltd
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- (71)** Merck Sharp & Dohme Corp.  
**(11)** AU-A-2020372881  
**(21)** 2020372881 ( **22** ) 27.10.2020  
**(54)** Small molecule inhibitors of KRAS G12C mutant  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/522** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**(87)** WO2021/086833  
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**(72)** BHARATHAN, Indu; GATHIACA, Symon; GRAHAM, Thomas H.; HAN, Yongxin; HENDERSON, Timothy; HENNESSY, Elisabeth; MA, Xiaoshen; OTTE, Ryan; PALANI, Anandan; SLOMAN, David L.  
**(74)** Spruson & Ferguson
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- (71)** Merit Technologies ( Fu Jian ) Co., Ltd.  
**(11)** AU-A-2020397483  
**(21)** 2020397483 ( **22** ) 30.11.2020  
**(54)** Novel multi-stage linked lock, and box applying same  
**(51)** Int. Cl.  
**E05B 65/52** ( 2006.01 )  
**E05B 15/00** ( 2006.01 )  
**E05B 63/14** ( 2006.01 )  
**(87)** WO2021/109951  
**(31)** 201911232244.1 ( **32** ) 05.12.19 **(33)** CN  
**(43)** 10.06.2021  
**(72)** HOU, Yishun; YU, Qun  
**(74)** MERIT TECHNOLOGIES ( FUJIAN ) CO., LTD.
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- (71)** MGI Tech Co.,Ltd.  
**(11)** AU-A-2020413071  
**(21)** 2020413071 ( **22** ) 23.12.2020  
**(54)** Controlled strand-displacement for paired-end sequencing  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**(87)** WO2021/128441  
**(31)** 62/952,713 ( **32** ) 23.12.19 **(33)** US  
**(43)** 01.07.2021  
**(72)** DRMANAC, Radoje; CALLOW, Matthew J.  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Microban Products Company  
**(11)** AU-A-2020417209  
**(21)** 2020417209 ( **22** ) 22.12.2020  
**(54)** Odor reduction and bacterial control on a textile material  
**(51)** Int. Cl.  
**A01N 41/04** ( 2006.01 )  
**A23L 3/3535** ( 2006.01 )  
**C07C 409/42** ( 2006.01 )  
**(87)** WO2021/138145  
**(31)** 62/955,155 ( **32** ) 30.12.19 **(33)** US  
 17/128,849 21.12.20 US  
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**(43)** 08.07.2021  
**(72)** WHELESS, Kenneth Clay; SLOAN, Gina Parise; NELSON, Burke Irving  
**(74)** WRAYS PTY LTD

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 (11) AU-A-2020386630  
 (21) 2020386630 (22) 20.11.2020  
 (54) Insertable wireless communication device for a power tool  
 (51) Int. Cl.  
*B25F 5/00* (2006.01)  
*H04B 1/3827* (2015.01)  
*H04B 1/3883* (2015.01)  
*H04B 5/00* (2006.01)  
 (87) WO2021/102289  
 (31) 62/938,516 (32) 21.11.19 (33) US  
 63/047,447 02.07.20 US  
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 (43) 27.05.2021  
 (72) SMITH, Steven M.; DAVIS, Anthony M.  
 (74) Spruson & Ferguson
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- (71) Milwaukee Electric Tool Corporation  
 (11) AU-A-2020389135  
 (21) 2020389135 (22) 20.11.2020  
 (54) Insertable wireless communication device for a power tool  
 (51) Int. Cl.  
*H05K 5/00* (2006.01)  
*B25F 5/02* (2006.01)  
*H01Q 1/38* (2006.01)  
*H04B 1/3827* (2015.01)  
*H04B 1/3883* (2015.01)  
*H04B 5/00* (2006.01)  
*H05K 9/00* (2006.01)  
 (87) WO2021/102285  
 (31) 63/047,447 (32) 02.07.20 (33) US  
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 (72) LIENAU, John B.; DAVIS, Anthony M.;  
 DUNCAN, Ian A.; GORDON, Benjamin;  
 MATSON, Stephen  
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 (11) AU-A-2020400331  
 (21) 2020400331 (22) 08.12.2020  
 (54) Determining spatial relationship between upper teeth and facial skeleton  
 (51) Int. Cl.  
*G06T 7/73* (2017.01)  
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 (31) 1918008.2 (32) 09.12.19 (33) GB  
 (43) 17.06.2021  
 (72) WOOD, David John; OSNES, Cecilie  
 Anneth; KEELING, Andrew James  
 (74) Adams Pluck
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 (11) AU-A-2020402644  
 (21) 2020402644 (22) 08.12.2020  
 (54) Determining spatial relationship between upper and lower teeth  
 (51) Int. Cl.  
*A61C 7/00* (2006.01)  
*G06T 7/33* (2017.01)  
*G06T 7/73* (2017.01)  
*G06T 19/20* (2011.01)  
 (87) WO2021/116672
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- (31) 1918006.6 (32) 09.12.19 (33) GB  
 (43) 17.06.2021  
 (72) WOOD, David John; OSNES, Cecilie  
 Anneth; KEELING, Andrew James  
 (74) Adams Pluck
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- (71) Mitsubishi Heavy Industries, Ltd.; Mit-  
 subishi Heavy Industries Engineering,  
 Ltd.  
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 (21) 2020415622 (22) 07.12.2020  
 (54) Boiler plant and carbon dioxide removal  
 method  
 (51) Int. Cl.  
*F23J 15/00* (2006.01)  
*B01D 53/14* (2006.01)  
*B01D 53/62* (2006.01)  
*B01D 53/78* (2006.01)  
*B01D 53/96* (2006.01)  
*F01K 23/10* (2006.01)  
*F02G 5/02* (2006.01)  
 (87) WO2021/131629  
 (31) 2019-238846 (32) 27.12.19 (33) JP  
 (43) 01.07.2021  
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 uki; KAMIJO, Takashi  
 (74) Davies Collison Cave Pty Ltd
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- (71) Mölnlycke Health Care AB  
 (11) AU-A-2020407791  
 (21) 2020407791 (22) 16.12.2020  
 (54) Double coating for wound dressings  
 (51) Int. Cl.  
*A61F 13/02* (2006.01)  
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 (31) 19218022.2 (32) 19.12.19 (33) EP  
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 (72) JOHANNISON, Ulf; SÖDERSTRÖM,  
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 Kristina  
 (74) FB Rice Pty Ltd
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- (71) Molsid; Ecole Normale Superieure de  
 Lyon; Universite Claude Bernard Lyon  
 1; Centre National de la Recherche Sci-  
 entifique (CNRS)  
 (11) AU-A-2020392704  
 (21) 2020392704 (22) 30.11.2020  
 (54) Fluorogenic  $\beta$ -lactamase substrate and  
 associated detection method  
 (51) Int. Cl.  
*C09B 57/00* (2006.01)  
*C07D 477/24* (2006.01)  
*C07D 501/34* (2006.01)  
*C09B 67/44* (2006.01)  
*C12Q 1/34* (2006.01)  
 (87) WO2021/105512  
 (31) 19306540.6 (32) 29.11.19 (33) EP  
 (43) 03.06.2021  
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 Charlie  
 (74) WRAYS PTY LTD
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- (71) Monash University; Peter MacCallum  
 Cancer Institute  
 (11) AU-A-2020395612  
 (21) 2020395612 (22) 04.12.2020  
 (54) Methods of activating cytotoxic leuko-  
 cytes using PTP1B and PTPN2 inhibi-  
 tors  
 (51) Int. Cl.  
*A61K 35/17* (2015.01)  
*A61K 31/15* (2006.01)  
*A61K 31/575* (2006.01)  
*A61K 31/662* (2006.01)  
*A61K 31/7105* (2006.01)  
*A61K 47/68* (2017.01)  
*A61P 35/00* (2006.01)  
*C12N 15/113* (2010.01)  
 (87) WO2021/108867  
 (31) 2019904589 (32) 04.12.19 (33) AU  
 (43) 10.06.2021  
 (72) TIGANIS, Tony; WIEDE, Florian  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Nammi Therapeutics, Inc.  
 (11) AU-A-2020384481  
 (21) 2020384481 (22) 12.11.2020  
 (54) Formulated and/or co-formulated lipo-  
 some compositions containing IDO ant-  
 agonist prodrugs useful in the treatment  
 of cancer and methods thereof  
 (51) Int. Cl.  
*A61P 35/00* (2006.01)  
*A61K 31/47* (2006.01)  
*A61K 47/00* (2006.01)  
*C07J 43/00* (2006.01)  
 (87) WO2021/096542  
 (31) 62/974,086 (32) 12.11.19 (33) US  
 (43) 20.05.2021  
 (72) STOVER, David; BHARALI, Dhruva;  
 HAY, Bruce A.; SAFAIE, Tahmineh  
 (74) FB Rice Pty Ltd
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- (71) Nanexa AB  
 (11) AU-A-2019477328  
 (21) 2019477328 (22) 06.12.2019  
 (54) New composition  
 (51) Int. Cl.  
*A61K 9/00* (2006.01)  
*A61K 9/14* (2006.01)  
*A61K 9/50* (2006.01)  
 (87) WO2021/111098  
 (43) 10.06.2021  
 (72) JOHANSSON, Anders; ROTH,  
 Mårten; HELLRUP, Joel  
 (74) Michael Buck IP
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- (71) Nanexa AB  
 (11) AU-A-2020395933  
 (21) 2020395933 (22) 04.12.2020  
 (54) New process for the manufacture of  
 pharmaceutical compositions  
 (51) Int. Cl.  
*A61K 9/14* (2006.01)  
*A61K 9/50* (2006.01)  
*A61K 9/51* (2006.01)  
*A61K 31/706* (2006.01)  
*A61P 35/00* (2006.01)  
 (87) WO2021/111149  
 (31) 1917899.5 (32) 06.12.19 (33) GB

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(74) Michael Buck IP
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- (71) Nantong University  
(11) AU-A-2021307014  
(21) 2021307014 (22) 08.05.2021  
(54) miR-30a-5p and application thereof in promoting nerve regeneration and repairing peripheral nerve injury  
(51) Int. Cl.  
**A61K 31/7105** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**G01N 33/50** ( 2006.01 )  
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(43) 09.06.2022  
(72) ZHOU, Songlin; DING, Fei; SHI, Haiyan; CONG, Meng; SHEN, Mi; ZHANG, Qi  
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- (71) National University of Singapore; National University Hospital (Singapore) Pte Ltd; Kyan Therapeutics  
(11) AU-A-2020368305  
(21) 2020368305 (22) 16.10.2020  
(54) Method for predicting a suitable therapy  
(51) Int. Cl.  
**G16C 20/30** ( 2019.01 )  
**G16C 20/70** ( 2019.01 )  
(87) WO2021/076058  
(31) 10201909760Q (32) 18.10.19 (33) SG  
(43) 22.04.2021  
(72) CHOW, Edward Kai-Hua; CHNG, Wee Joo; JEYASEKHARAN, Anand Devaprasath; DE MEL, Sanjay; MOHD ABDUL RASHID, Masturah  
(74) Davies Collison Cave Pty Ltd
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- (71) Navitor Pharmaceuticals, Inc.  
(11) AU-A-2020376950  
(21) 2020376950 (22) 02.11.2020  
(54) Methods of treatment using an mTORC1 modulator  
(51) Int. Cl.  
**A61K 31/197** ( 2006.01 )  
**A61K 31/221** ( 2006.01 )  
**A61K 31/275** ( 2006.01 )  
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(31) 62/929,449 (32) 01.11.19 (33) US  
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(74) Spruson & Ferguson
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(21) 2020402208 (22) 20.11.2020  
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(51) Int. Cl.  
**H04M 3/42** ( 2006.01 )  
**H04M 1/00** ( 2006.01 )
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- H04Q 3/58** ( 2006.01 )  
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(72) KIMATA, Shinobu  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) Ventilation and temperature adjustment opening for outdoor equipment  
(51) Int. Cl.  
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(74) Michael Buck IP
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(21) 2020392420 (22) 27.11.2020  
(54) Method for upgrading liquefied waste plastics  
(51) Int. Cl.  
**C10G 1/00** ( 2006.01 )  
**C10B 53/07** ( 2006.01 )  
**C10G 1/06** ( 2006.01 )  
**C10G 1/10** ( 2006.01 )  
**C10G 3/00** ( 2006.01 )  
**C10G 9/36** ( 2006.01 )  
**C10G 19/02** ( 2006.01 )  
**C10G 21/00** ( 2006.01 )  
**C10G 55/04** ( 2006.01 )  
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(43) 03.06.2021  
(72) PASANEN, Jukka-Pekka; PAASIKALLIO, Ville; VAPOLA, Risto; OJALA, Antti  
(74) Spruson & Ferguson
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(11) AU-A-2020404895  
(21) 2020404895 (22) 11.12.2020  
(54) Global approach to buffering media content  
(51) Int. Cl.  
**H04N 21/433** ( 2011.01 )  
**H04N 21/24** ( 2011.01 )  
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**H04N 21/845** ( 2011.01 )  
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(72) WATSON, Mark  
(74) FPA Patent Attorneys Pty Ltd
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(21) 2020408143 (22) 11.12.2020  
(54) Watermark-based techniques for change-data-capture
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- (51) Int. Cl.  
**G06F 16/23** ( 2019.01 )  
**G06F 16/21** ( 2019.01 )  
**G06F 16/27** ( 2019.01 )  
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.  
**A61K 31/4184** ( 2006.01 )  
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(72) COGRAM, Patricia; PILCHER, Jonathan; GLASS, Lawrence Irwin  
(74) FB Rice Pty Ltd
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(51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
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(54) Compositions and methods for treating Huanglongbing disease in citrus  
(51) Int. Cl.  
**A01N 25/00** ( 2006.01 )  
**A01N 33/08** ( 2006.01 )  
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 (51) Int. Cl.  
*G06F 17/00* ( 2019.01 )  
*G01R 31/00* ( 2006.01 )  
*G06N 3/02* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*G06Q 50/06* ( 2012.01 )  
*H02H 1/00* ( 2006.01 )  
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 (72) THARMAKULASINGAM, Sirojan; LU, Shibo; PHUNG, Bao Toan; AMBIKAI-AJAH, Eliathamby  
 (74) Spruson & Ferguson
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 (11) AU-A-2020391944  
 (21) 2020391944 (22) 27.11.2020  
 (54) Aerosol-generating material comprising an amorphous solid comprising methol and calcium-crosslinked alginate  
 (51) Int. Cl.  
*A24B 3/14* ( 2006.01 )  
*A24B 15/14* ( 2006.01 )  
*A24B 15/167* ( 2020.01 )  
*A24B 15/28* ( 2006.01 )  
*A24B 15/30* ( 2006.01 )  
*A24C 5/01* ( 2020.01 )  
*A24D 1/20* ( 2020.01 )  
*A24F 40/20* ( 2020.01 )  
 (87) WO2021/105465  
 (31) 1917472.1 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
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 (74) Spruson & Ferguson
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 (11) AU-A-2020391945  
 (21) 2020391945 (22) 27.11.2020  
 (54) Aerosol generation  
 (51) Int. Cl.  
*A24B 3/14* ( 2006.01 )  
*A24B 15/14* ( 2006.01 )  
*A24B 15/167* ( 2020.01 )  
*A24B 15/28* ( 2006.01 )  
*A24C 5/01* ( 2020.01 )  
*A24D 1/20* ( 2020.01 )  
*A24F 40/20* ( 2020.01 )  
 (87) WO2021/105470  
 (31) 1917486.1 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
 (72) LEAH, Thomas  
 (74) Spruson & Ferguson
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 (21) 2020392621 (22) 27.11.2020  
 (54) Aerosol generation  
 (51) Int. Cl.  
*A24B 15/167* ( 2020.01 )  
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 (43) 03.06.2021  
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 KABIRAT, Junior; BENNING, Jocelyn; REES, Kelly  
 (74) Spruson & Ferguson
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 (11) AU-A-2020392630  
 (21) 2020392630 (22) 27.11.2020  
 (54) Aerosol-generating comprising an amorphous solid with alginate and pectin as gelling agents  
 (51) Int. Cl.  
*A24B 15/167* ( 2020.01 )  
*A24B 15/28* ( 2006.01 )  
*A24B 15/30* ( 2006.01 )  
*A24C 5/01* ( 2020.01 )  
*A24D 1/20* ( 2020.01 )  
*A24F 40/20* ( 2020.01 )  
 (87) WO2021/105472  
 (31) 1917469.7 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
 (72) REES, Kelly; LEAH, Thomas; TODD, Richard  
 (74) Spruson & Ferguson
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 (11) AU-A-2020392633  
 (21) 2020392633 (22) 27.11.2020  
 (54) Electronic aerosol provision system  
 (51) Int. Cl.  
*A24F 40/30* ( 2020.01 )  
*A24F 40/50* ( 2020.01 )  
 (87) WO2021/105477  
 (31) 1917479.6 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
 (72) ABI AOUN, Walid  
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 (11) AU-A-2020392634  
 (21) 2020392634 (22) 27.11.2020  
 (54) Aerosol provision system  
 (51) Int. Cl.  
*A24F 40/46* ( 2020.01 )  
*A24F 40/20* ( 2020.01 )  
 (87) WO2021/105479  
 (31) 1917451.5 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
 (72) ABI AOUN, Walid  
 (74) Spruson & Ferguson
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 (11) AU-A-2020392905  
 (21) 2020392905 (22) 27.11.2020  
 (54) An article for use in a non-combustible aerosol provision system  
 (51) Int. Cl.  
*A24D 1/20* ( 2020.01 )  
*A24F 40/20* ( 2020.01 )  
 (87) WO2021/105721  
 (31) 1917513.2 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
 (72) DIMMICK, Barry; HOLFORD, Steven  
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 (11) AU-A-2020394550  
 (21) 2020394550 (22) 27.11.2020  
 (54) Electronic aerosol provision system  
 (51) Int. Cl.  
*A24F 40/30* ( 2020.01 )  
*A24F 40/46* ( 2020.01 )  
*A24F 40/465* ( 2020.01 )  
 (87) WO2021/105478  
 (31) 1917474.7 (32) 29.11.19 (33) GB  
 (43) 03.06.2021  
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 (74) Spruson & Ferguson
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 (11) AU-A-2020387047  
 (21) 2020387047 (22) 23.11.2020  
 (54) Digital microfluidics (DMF) device including an fet-biosensor (FETB) and method of field-effect sensing  
 (51) Int. Cl.  
*G01N 27/414* ( 2006.01 )  
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 (74) James & Wells Intellectual Property
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- (71) Nippon Shinyaku Co., Ltd.  
 (11) AU-A-2020384041  
 (21) 2020384041 (22) 12.11.2020  
 (54) Azabenzimidazole compound and medicine  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 13/00* ( 2006.01 )  
*A61P 13/10* ( 2006.01 )  
*A61P 43/00* ( 2006.01 )  
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- (71) NIPPON STEEL Stainless Steel Corporation  
 (11) AU-A-2021259899  
 (21) 2021259899 (22) 29.03.2021  
 (54) Austenitic stainless steel and spring  
 (51) Int. Cl.  
*C22C 38/00* ( 2006.01 )  
*C22C 38/58* ( 2006.01 )  
 (87) WO2021/215203  
 (31) 2020-075004 (32) 20.04.20 (33) JP  
 (43) 28.10.2021  
 (72) SEKIMUKAI, Kotaro; IMAKAWA, Kazunari  
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 (11) AU-A-2020384935  
 (21) 2020384935 (22) 16.11.2020  
 (54) IL-34 antisense agents and methods of using same  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )

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**A61K 31/7125** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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**(43)** 20.05.2021  
**(72)** VITI, Francesca; MCNULTY, Marie;  
 BELLINVIA, Salvatore  
**(74)** FB Rice Pty Ltd

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**(11)** AU-A-2020373899  
**(21)** 2020373899 ( **22**) 28.10.2020  
**(54)** Drug for treating cancer, combination  
 drug, drug composition, immune re-  
 sponsive cell, nucleic acid delivery  
 vehicle, and product

**(51)** Int. Cl.  
**A61K 35/15** ( 2015.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 38/16** ( 2006.01 )  
**A61K 38/19** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/47** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/24** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**C12N 15/867** ( 2006.01 )

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**(43)** 06.05.2021  
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 CHI, Keishi  
**(74)** FPA Patent Attorneys Pty Ltd

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**(11)** AU-A-2020388435  
**(21)** 2020388435 ( **22**) 19.11.2020  
**(54)** Distortion mitigation in directed energy  
 deposition

**(51)** Int. Cl.  
**B22F 10/22** ( 2021.01 )  
**B22F 10/25** ( 2021.01 )  
**B22F 12/30** ( 2021.01 )  
**B23K 9/04** ( 2006.01 )  
**B23K 10/02** ( 2006.01 )  
**B23K 15/00** ( 2006.01 )  
**B23K 26/342** ( 2014.01 )  
**B23K 31/00** ( 2006.01 )  
**B23K 37/04** ( 2006.01 )  
**B33Y 10/00** ( 2015.01 )  
**B33Y 30/00** ( 2015.01 )

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**(31)** 62/938,734 ( **32**) 21.11.19 **(33)** US  
**(43)** 27.05.2021  
**(72)** ALMEIDA, Pedro  
**(74)** Dentons Patent Attorneys Australasia  
 Limited

**(71)** NovaFlow  
**(11)** AU-A-2020389095  
**(21)** 2020389095 ( **22**) 06.11.2020  
**(54)** Bidirectional arterial cannula for ex-  
 tracorporeal membrane oxygenation  
 and method for using such a cannula  
**(51)** Int. Cl.

**A61M 1/36** ( 2006.01 )  
**A61M 25/00** ( 2006.01 )  
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**(31)** 1912831 ( **32**) 18.11.19 **(33)** FR  
**(43)** 27.05.2021  
**(72)** COUETIL, Jean-Paul  
**(74)** Phillips Ormonde Fitzpatrick

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**(11)** AU-A-2020370751  
**(21)** 2020370751 ( **22**) 26.10.2020  
**(54)** Novel anti-Nogo-A antibodies  
**(51)** Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

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**(31)** 19205006.0 ( **32**) 24.10.19 **(33)** EP  
**(43)** 29.04.2021  
**(72)** COMBALUZIER, Benoit; MAURER,  
 Michael Andreas; VIANNA, Eduardo  
 Paulo Morawski  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Nova Mineralis S.A.  
**(11)** AU-A-2020376989  
**(21)** 2020376989 ( **22**) 01.10.2020  
**(54)** Solid-liquid-solid hydrometallurgical  
 process optimized to increase the sol-  
 ubilization of metals from ores and/or  
 concentrates in acid-chloride medium  
**(51)** Int. Cl.

**C22B 3/10** ( 2006.01 )  
**C22B 15/00** ( 2006.01 )  
**(87)** WO2021/081679  
**(31)** PCT/  
 IB2019/059258 ( **32**) 29.10.19 **(33)** IB  
**(43)** 06.05.2021  
**(72)** DOMIC MIHOVILOVIC, Tihomir; DOM-  
 IC MIHOVILOVIC, Esteban; CORTÉS  
 CORTÉS, Rodrigo Andrés  
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**(11)** AU-A-2020393912  
**(21)** 2020393912 ( **22**) 25.11.2020  
**(54)** Chimeric antigen receptors binding  
 BCMA and CD19 and uses thereof  
**(51)** Int. Cl.  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )

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**(31)** 62/940,509 ( **32**) 26.11.19 **(33)** US  
**(43)** 03.06.2021  
**(72)** ABUJOUR, Aida; BLANKENSHIP,  
 John; BONDANZA, Attilio; BRO-  
 GDON, Jennifer; BU, Dexiu; DE  
 VITA, Serena; DRANOFF, Glenn;  
 ENGELS, Boris; FLEMING, Tony;  
 GREENE, Michael R.; HACK, An-

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 LIM, Hyungwook; PRATICO, Eliza-  
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 HONI, Akash; STEIN, Andrew Marc;  
 TREANOR, Louise; ZHANG, Chonghui;  
 GRANDA, Brian Walter; LAM, Joni  
 Waiee; GUIMARAES, Carla Patricia;  
 ZHU, Xu  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Novozymes A/S  
**(11)** AU-A-2020402990  
**(21)** 2020402990 ( **22**) 10.12.2020  
**(54)** Microorganism for improved pentose  
 fermentation  
**(51)** Int. Cl.

**C07K 14/195** ( 2006.01 )  
**C07K 14/315** ( 2006.01 )  
**C07K 14/32** ( 2006.01 )  
**C07K 14/34** ( 2006.01 )  
**C07K 14/39** ( 2006.01 )  
**C07K 14/395** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 1/18** ( 2006.01 )  
**C12P 7/06** ( 2006.01 )

**(87)** WO2021/119304  
**(31)** 62/946,359 ( **32**) 10.12.19 **(33)** US  
**(43)** 17.06.2021  
**(72)** TASSONE, Monica; CALIXTE, Sophie;  
 LIAO, Sharon  
**(74)** Spruson & Ferguson

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**(71)** Nuovo Pignone Technologie - S.r.l.  
**(11)** AU-A-2020388091  
**(21)** 2020388091 ( **22**) 12.11.2020  
**(54)** Plant based upon combined joule-  
 brayton and rankine cycles working with  
 directly coupled reciprocating machines  
**(51)** Int. Cl.

**F01K 23/08** ( 2006.01 )  
**F01K 23/12** ( 2006.01 )  
**F01K 25/10** ( 2006.01 )  
**(87)** WO2021/098985  
**(31)** 102019000021987 ( **32**) 22.11.19 **(33)** IT  
**(43)** 27.05.2021  
**(72)** NASINI, Ernesto; SANTINI, Marco;  
 BAGAGLI, Riccardo; BELLANTONE,  
 Francesco; CHIESI, Francesco  
**(74)** Patent Attorney Services

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**(71)** Nuroflux Pty Ltd  
**(11)** AU-A-2020372184  
**(21)** 2020372184 ( **22**) 27.08.2020  
**(54)** Method and apparatus for detecting  
 changes in blood flow in the head of a  
 subject  
**(51)** Int. Cl.

**A61B 5/026** ( 2006.01 )  
**A61B 5/318** ( 2021.01 )  
**A61B 5/346** ( 2021.01 )  
**A61B 5/369** ( 2021.01 )  
**(87)** WO2021/077154  
**(31)** 2019904029 ( **32**) 25.10.19 **(33)** AU  
**(43)** 29.04.2021  
**(72)** VAN BOHEMEN, Samuel Jacobus;  
 BOUGHTON, Philip; KYME, Andre  
**(74)** Baxter Patent Attorneys Pty Ltd

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 (11) AU-A-2020369486  
 (21) 2020369486 (22) 16.10.2020  
 (54) Reinforcement learning of tactile grasp policies  
 (51) Int. Cl.  
**B25J 9/16** ( 2006.01 )  
**G06N 3/00** ( 2006.01 )  
 G06N 3/04 ( 2006.01 )  
 G06N 3/063 ( 2006.01 )  
 G06N 3/08 ( 2006.01 )  
 (87) WO2021/080881  
 (31) 16/663,222 (32) 24.10.19 (33) US  
 (43) 29.04.2021  
 (72) TREMBLAY, Jonathan; VIJAY KUMAR, Visak Chadalavada; HERMANS, Tucker  
 (74) Davies Collison Cave Pty Ltd
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- (71) NVIDIA Corporation  
 (11) AU-A-2020371527  
 (21) 2020371527 (22) 08.10.2020  
 (54) Parallel de-rate-matching and layer demapping for physical uplink shared channel  
 (51) Int. Cl.  
**H04L 1/00** ( 2006.01 )  
**H04L 1/06** ( 2006.01 )  
 (87) WO2021/080784  
 (31) 16/660,536 (32) 22.10.19 (33) US  
 (43) 29.04.2021  
 (72) IBARS CASAS, Christian; MIELE, Andrea; BANULI NANJE GOWDA, Harsha Deepak  
 (74) Davies Collison Cave Pty Ltd
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- (71) Oak Crest Institute of Science  
 (11) AU-A-2020391230  
 (21) 2020391230 (22) 25.11.2020  
 (54) Sustained release drug delivery device  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/675** ( 2006.01 )  
**A61K 38/38** ( 2006.01 )  
 (87) WO2021/108722  
 (31) 62/941,036 (32) 27.11.19 (33) US  
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 (43) 03.06.2021  
 (72) BAUM, Marc M.; MOSS, John A.  
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**G01N 33/94** ( 2006.01 )  
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 (43) 06.05.2021  
 (72) LOGINOV, Evgeny; SCHMID, Mathieu; DESPLAND, Claude-Alain  
 (74) Spruson & Ferguson
- 
- (71) SICPA HOLDING SA  
 (11) AU-A-2020377282  
 (21) 2020377282 (22) 23.10.2020  
 (54) Magnetic assemblies and processes for producing optical effect layers comprising oriented non-spherical magnetic or magnetizable pigment particles  
 (51) Int. Cl.  
*B05D 5/06* ( 2006.01 )  
*B05D 3/00* ( 2006.01 )  
*B05D 3/06* ( 2006.01 )  
*B42D 25/355* ( 2014.01 )  
*B42D 25/369* ( 2014.01 )  
*G09F 3/03* ( 2006.01 )  
 (87) WO2021/083809  
 (31) 19205715.6 (32) 28.10.19 (33) EP  
 (43) 06.05.2021  
 (72) LOGINOV, Evgeny; SCHMID, Mathieu; DESPLAND, Claude-Alain  
 (74) Spruson & Ferguson
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- (71) Sigilon Therapeutics, Inc.  
 (11) AU-A-2020401369  
 (21) 2020401369 (22) 11.12.2020  
 (54) Compounds, polymers, devices, and uses thereof  
 (51) Int. Cl.  
*A61K 31/4192* ( 2006.01 )  
*A61K 31/445* ( 2006.01 )  
*C07D 249/04* ( 2006.01 )  
*C07D 401/06* ( 2006.01 )  
 (87) WO2021/119522  
 (31) 62/947,951 (32) 13.12.19 (33) US  
 (43) 17.06.2021  
 (72) HEIDEBRECHT, Richard; BOURQUE, Elyse; HENCKEN, Christopher P.  
 (74) Pearce IP Pty Ltd
- 
- (71) Sika Technology AG  
 (11) AU-A-2021216063  
 (21) 2021216063 (22) 11.01.2021  
 (54) Linear isocyanate group-containing polymer  
 (51) Int. Cl.  
*C08G 18/76* ( 2006.01 )  
*C08G 18/10* ( 2006.01 )  
*C08G 18/30* ( 2006.01 )  
*C08G 18/48* ( 2006.01 )  
*C09J 175/08* ( 2006.01 )  
 (87) WO2021/156017  
 (31) 20155193.4 (32) 03.02.20 (33) EP  
 (43) 12.08.2021  
 (72) REIMANN, Sven; JENNI, Melanie  
 (74) WRAYS PTY LTD
- 
- (71) Simpson, T.; Patel, T.  
 (11) AU-A-2020372987  
 (21) 2020372987 (22) 28.10.2020  
 (54) Orthognathic surgical implant assembly having pre-osteotomy and post-osteotomy alignment members  
 (51) Int. Cl.  
*A61B 17/80* ( 2006.01 )  
*A61B 17/56* ( 2006.01 )  
*A61B 17/58* ( 2006.01 )  
*A61F 2/28* ( 2006.01 )  
*A61F 2/30* ( 2006.01 )  
 (87) WO2021/086971  
 (31) 62/926,965 (32) 28.10.19 (33) US  
 (43) 06.05.2021  
 (72) SIMPSON, Travis; PATEL, Tirth  
 (74) Spruson & Ferguson
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- (71) SK Biopharmaceuticals Co., Ltd.  
 (11) AU-A-2020370958  
 (21) 2020370958 (22) 21.10.2020  
 (54) Use of imidazopyrimidine or imidazotriazine compounds for prevention, alleviation, or treatment of cognitive disorders, or for improving cognitive function  
 (51) Int. Cl.  
*A61K 31/519* ( 2006.01 )  
*A61K 31/131* ( 2006.01 )  
*A61K 31/4458* ( 2006.01 )  
*A61K 31/53* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 25/28* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
 (87) WO2021/080312  
 (31) 10-2019-0130384 (32) 21.10.19 (33) KR  
 (43) 29.04.2021  
 (72) JOUNG, Chan Mi; CHUNG, Jin Yong  
 (74) Spruson & Ferguson
- 
- (71) Skiba, M.  
 (11) AU-A-2020377140  
 (21) 2020377140 (22) 01.10.2020  
 (54) Pharmaceutical composition comprising mitotane administered orally for treatment of adrenocortical carcinoma and cushing's syndrome  
 (51) Int. Cl.  
*A61K 31/03* ( 2006.01 )  
*A61K 9/107* ( 2006.01 )  
*A61K 9/14* ( 2006.01 )  
*A61K 9/16* ( 2006.01 )

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**A61P 35/00** ( 2006.01 )  
**(87)** WO2021/084345  
**(31)** FR1912084 **(32)** 28.10.19 **(33)** FR  
**(43)** 06.05.2021  
**(72)** SKIBA, Mohamed; LAHIANI-SKIBA,  
 Malika; BOUNOURE, Frédéric;  
 THOMAS, Michael; LEFEBVRE, Hervé  
**(74)** Adams Pluck

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**(71)** Small Pharma Ltd  
**(11)** AU-A-2020378647  
**(21)** 2020378647 **(22)** 09.11.2020  
**(54)** Method of synthesis  
**(51)** Int. Cl.  
**C07D 209/16** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

**(87)** WO2021/089873  
**(31)** 1916210.6 **(32)** 07.11.19 **(33)** GB  
 1917320.2 28.11.19 GB  
 2008303.6 02.06.20 GB  
**(43)** 14.05.2021  
**(72)** RANDS, Peter; KNIGHT, George;  
 CHUBB, Richard; LONDESBOUGH,  
 Derek; BENWAY, Tiffanie; JOEL, Zelah  
**(74)** Griffith Hack

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**(71)** Small Pharma Ltd  
**(11)** AU-A-2020381103  
**(21)** 2020381103 **(22)** 09.11.2020  
**(54)** Compounds  
**(51)** Int. Cl.  
**C07D 209/16** ( 2006.01 )  
**A61K 31/4045** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

**(87)** WO2021/089872  
**(31)** 1916210.6 **(32)** 07.11.19 **(33)** GB  
 1917320.2 28.11.19 GB  
 2008303.6 02.06.20 GB  
**(43)** 14.05.2021  
**(72)** RANDS, Peter; KNIGHT, George;  
 CHUBB, Richard; LONDESBOUGH,  
 Derek; BENWAY, Tiffanie; JOEL, Zelah  
**(74)** Griffith Hack

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**(71)** Smith & Nephew, Inc.; Smith & Nephew  
 Orthopaedics AG; Smith & Nephew  
 Asia Pacific Pte. Limited  
**(11)** AU-A-2020407662  
**(21)** 2020407662 **(22)** 21.12.2020  
**(54)** Three-dimensional selective bone  
 matching from two-dimensional image  
 data  
**(51)** Int. Cl.

**G06T 19/20** ( 2011.01 )  
**G06T 7/30** ( 2017.01 )  
**(87)** WO2021/127625  
**(31)** 62/951,676 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** LANDON, Ryan Lloyd; ISMAIL, Bilal  
**(74)** Patent Attorney Services

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**(71)** Smith & Nephew, Inc.; Smith & Nephew  
 Orthopaedics AG  
**(11)** AU-A-2020408344  
**(21)** 2020408344 **(22)** 17.12.2020

**(54)** Systems and methods for turbinate re-  
 duction  
**(51)** Int. Cl.  
**A61B 18/14** ( 2006.01 )  
**(87)** WO2021/127125  
**(31)** 62/950,632 **(32)** 19.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** DOLL, Sean; HEMME, Troy S.; COX,  
 David A.; EVANS, Douglas G.; TURN-  
 ER, David  
**(74)** Patent Attorney Services

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2020399200  
**(21)** 2020399200 **(22)** 10.12.2020  
**(54)** Compositions for use in the reduction of  
 nociception and other health benefits in  
 infants and young children  
**(51)** Int. Cl.  
**A23L 33/10** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**A61K 31/702** ( 2006.01 )

**(87)** WO2021/116282  
**(31)** 19215144.7 **(32)** 11.12.19 **(33)** EP  
**(43)** 17.06.2021  
**(72)** DAMAK, Sami; SPRENGER, Norbert;  
 FOATA, Francis; ROCHAT, Florence;  
 BOULANGE, Claire Laurence Lucie  
 Marie  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2020409559  
**(21)** 2020409559 **(22)** 16.12.2020  
**(54)** Capsule for preparing a beverage,  
 made of an aluminium alloy  
**(51)** Int. Cl.  
**B65D 85/804** ( 2006.01 )  
**(87)** WO2021/122676  
**(31)** 19216926.6 **(32)** 17.12.19 **(33)** EP  
**(43)** 24.06.2021

**(72)** BEHRMANN, Veith; MUELLER, Martin  
 Guillermo  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2020418549  
**(21)** 2020418549 **(22)** 30.12.2020  
**(54)** Method for making meat analogues by  
 extrusion, and suitable extrusion die  
 with a core  
**(51)** Int. Cl.  
**A23P 30/20** ( 2016.01 )  
**A23J 3/22** ( 2006.01 )  
**A23J 3/26** ( 2006.01 )  
**B29C 48/325** ( 2019.01 )

**(87)** WO2021/136816  
**(31)** 19220004.6 **(32)** 30.12.19 **(33)** EP  
**(43)** 08.07.2021  
**(72)** BRETON, Olivier; PIBAROT, Patrick;  
 WATZKE, Brigitte  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2020419642  
**(21)** 2020419642 **(22)** 31.12.2020

**(54)** Plant based meat analogue prepared  
 by wet extrusion of mixture of plant pro-  
 tein isolates and gluten  
**(51)** Int. Cl.  
**A23J 3/14** ( 2006.01 )  
**A23J 3/16** ( 2006.01 )  
**A23J 3/18** ( 2006.01 )  
**A23J 3/22** ( 2006.01 )  
**A23J 3/26** ( 2006.01 )  
**(87)** WO2021/140056  
**(31)** 19220236.4 **(32)** 31.12.19 **(33)** EP  
**(43)** 15.07.2021  
**(72)** PELLOUX, Cindy; PIBAROT, Patrick;  
 SCHMITT, Christophe Joseph Etienne  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2021207284  
**(21)** 2021207284 **(22)** 15.01.2021  
**(54)** Dosage form with sustained release  
 melatonin pellets  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/50** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**(87)** WO2021/144403  
**(31)** 62/962,574 **(32)** 17.01.20 **(33)** US  
**(43)** 22.07.2021  
**(72)** SHAH, Syed M.; HASSAN, Daniel  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2021208492  
**(21)** 2021208492 **(22)** 14.01.2021  
**(54)** Method for roasting coffee beans  
**(51)** Int. Cl.  
**A23N 12/12** ( 2006.01 )  
**A23F 5/04** ( 2006.01 )  
**A23N 12/08** ( 2006.01 )  
**(87)** WO2021/144368  
**(31)** 20152009.5 **(32)** 15.01.20 **(33)** EP  
**(43)** 22.07.2021  
**(72)** DUBIEF, Flavien Florent; BIGLER, Nic-  
 olas  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2021209389  
**(21)** 2021209389 **(22)** 22.01.2021  
**(54)** Social media influencer platform  
**(51)** Int. Cl.  
**G06Q 50/00** ( 2012.01 )  
**G06Q 30/02** ( 2012.01 )  
**(87)** WO2021/148590  
**(31)** 62/964,344 **(32)** 22.01.20 **(33)** US  
**(43)** 29.07.2021  
**(72)** SEIDENSTICKER, Kurt; SEIDEN-  
 STICKER, Laura; POJMAN, Alex  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-A-2021213894  
**(21)** 2021213894 **(22)** 27.01.2021  
**(54)** Functional food composition comprising  
 collagen and methods to produce there-  
 of

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

- (51) Int. Cl.  
**A23L 33/17** ( 2016.01 )  
**A23J 3/04** ( 2006.01 )  
**A23J 3/14** ( 2006.01 )  
**A23L 25/00** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**A23P 10/25** ( 2016.01 )  
**A61K 38/00** ( 2006.01 )
- (87) WO2021/151912  
(31) 62/966,325 (32) 27.01.20 (33) US  
(43) 05.08.2021  
(72) SEIDENSTICKER, Kurt; COTE, Katie;  
CUTRI, Cristina; FRIESE, Corey  
(74) Spruson & Ferguson
- 
- (71) Soltec Innovations, S.L.  
(11) AU-A-2020406061  
(21) 2020406061 (22) 16.12.2020  
(54) Solar tracker  
(51) Int. Cl.  
**F24S 30/425** ( 2018.01 )  
**F24S 40/80** ( 2018.01 )
- (87) WO2021/122767  
(31) 19383119.5 (32) 16.12.19 (33) EP  
(43) 24.06.2021  
(72) CARPIO OBRE, Francisco Javier; MAL-  
DONADO NICOLÁS, Juan Jose  
(74) WRAYS PTY LTD
- 
- (71) Soltec Innovations S.L  
(11) AU-A-2020407929  
(21) 2020407929 (22) 16.12.2020  
(54) Self-supporting frame for photovoltaic  
panels  
(51) Int. Cl.  
**H02S 20/32** ( 2014.01 )  
**F24S 50/20** ( 2018.01 )  
**H02S 20/20** ( 2014.01 )
- (87) WO2021/123479  
(31) U201932085 (32) 18.12.19 (33) ES  
(43) 24.06.2021  
(72) TORRANO CARRILLO, Francisco  
Javier; TERUEL HERNÁNDEZ, José  
Alfonso; CARPIO OBRE, Francisco  
Javier; CORDERO ALVAREZ, Miguel;  
MIRA PÉREZ, Jorge  
(74) WRAYS PTY LTD
- 
- (71) Somero Enterprises, Inc.  
(11) AU-A-2020401400  
(21) 2020401400 (22) 09.12.2020  
(54) Machine for removing formwork from  
ceiling structure  
(51) Int. Cl.  
**E04G 19/00** ( 2006.01 )  
**B28B 13/06** ( 2006.01 )
- (87) WO2021/119661  
(31) 62/947,663 (32) 13.12.19 (33) US  
62/705,839 17.07.20 US  
63/198,227 05.10.20 US  
(43) 17.06.2021  
(72) PIETILA, Mark A.; EENIGENBURG,  
Trevor; KANGAS, Ryan  
(74) Griffith Hack
- 
- (71) Sotio Biotech A.S.  
(11) AU-A-2020398045
- (21) 2020398045 (22) 07.12.2020  
(54) Humanized CLDN18.2 antibodies  
(51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**C07K 16/30** ( 2006.01 )
- (87) WO2021/111003  
(31) 19214104.2 (32) 06.12.19 (33) EP  
(43) 10.06.2021  
(72) BAMBERT, Lukas; KYRYCH SAD-  
ILKOVA, Lenka; WALDMEIER, Lorenz;  
BEERLI, Roger; MOEBIUS, Ulrich  
(74) Allens Patent & Trade Mark Attorneys
- 
- (71) Spago Nanomedical AB  
(11) AU-A-2020404040  
(21) 2020404040 (22) 16.12.2020  
(54) Immobilization of phenolic compounds  
(51) Int. Cl.  
**C08G 65/30** ( 2006.01 )  
**C08G 65/336** ( 2006.01 )
- (87) WO2021/122859  
(31) 19216697.3 (32) 16.12.19 (33) EP  
(43) 24.06.2021  
(72) GRAM, Andreas; AXELSSON, Oskar;  
LARSSON, Rikard  
(74) FPA Patent Attorneys Pty Ltd
- 
- (71) SprainGo, LLC  
(11) AU-A-2020370161  
(21) 2020370161 (22) 21.10.2020  
(54) Use of pine resin for treating and pre-  
venting muscle soreness and foot and  
joint pain  
(51) Int. Cl.  
**A61K 36/15** ( 2006.01 )  
**A01N 65/06** ( 2009.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/05** ( 2006.01 )  
**A61K 31/19** ( 2006.01 )  
**A61K 36/185** ( 2006.01 )  
**A61K 36/28** ( 2006.01 )  
**A61K 36/30** ( 2006.01 )  
**A61K 36/324** ( 2006.01 )  
**A61K 36/41** ( 2006.01 )  
**A61K 36/534** ( 2006.01 )  
**A61K 36/54** ( 2006.01 )  
**A61K 36/75** ( 2006.01 )  
**A61K 36/81** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 33/06** ( 2006.01 )  
**A61Q 17/02** ( 2006.01 )
- (87) WO2021/081130  
(31) 62/924,857 (32) 23.10.19 (33) US  
16/995,310 17.08.20 US  
(43) 29.04.2021  
(72) WILLIAMS, Wayne Caleb  
(74) Davies Collision Cave Pty Ltd
- 
- (71) Spraying Systems Co.  
(11) AU-A-2020386620  
(21) 2020386620 (22) 20.11.2020  
(54) Electrostatic spray dried milk product  
and production method thereof  
(51) Int. Cl.  
**A23C 1/04** ( 2006.01 )  
**A23C 9/16** ( 2006.01 )  
**A23C 9/18** ( 2006.01 )  
**A23C 9/20** ( 2006.01 )  
**A23C 13/12** ( 2006.01 )
- A23L 33/00** ( 2016.01 )  
(87) WO2021/102231  
(31) 62/938,802 (32) 21.11.19 (33) US  
(43) 27.05.2021  
(72) ZISU, Bogdan; MASUM, Akm;  
SAXENA, Juhi; THENIN, Michel;  
MAUDHUIT, Audrey  
(74) Spruson & Ferguson
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- (71) Stalicia SA  
(11) AU-A-2020384936  
(21) 2020384936 (22) 16.11.2020  
(54) Computational platform to identify  
therapeutic treatments for neurodevel-  
opmental conditions  
(51) Int. Cl.  
**G16B 20/00** ( 2019.01 )  
**G16H 20/10** ( 2018.01 )
- (87) WO2021/094622  
(31) 19383010.6 (32) 15.11.19 (33) EP  
20164353.3 19.03.20 EP  
(43) 20.05.2021  
(72) DURHAM, Lynn; GUNEY, Emre;  
PEREZ-CANO, Laura; SIRCI,  
Francesco; ARIZ-EXTREME, Igor;  
BOSIO, Mattia; BOLOC, Daniel  
(74) Southern Cross Intellectual Property  
Limited
- 
- (71) Steris Inc.  
(11) AU-A-2020396763  
(21) 2020396763 (22) 12.11.2020  
(54) Spray arm speed regulator  
(51) Int. Cl.  
**B05B 3/06** ( 2006.01 )
- (87) WO2021/113047  
(31) 16/701,525 (32) 03.12.19 (33) US  
(43) 10.06.2021  
(72) ROBERT, Maxime; CHOUINARD, Alain  
(74) Houlihan<sup>2</sup> Pty Ltd
- 
- (71) Stora Enso Oyj  
(11) AU-A-2020407553  
(21) 2020407553 (22) 16.12.2020  
(54) Process for the preparation of a bond-  
ing resin  
(51) Int. Cl.  
**C09J 197/02** ( 2006.01 )  
**B27N 3/00** ( 2006.01 )  
**B32B 21/00** ( 2006.01 )  
**C09J 163/00** ( 2006.01 )  
**C07G 1/00** ( 2011.01 )  
**C08H 7/00** ( 2011.01 )  
**C08L 63/00** ( 2006.01 )  
**C08L 97/02** ( 2006.01 )  
**C09D 163/00** ( 2006.01 )  
**C09D 197/02** ( 2006.01 )
- (87) WO2021/124125  
(31) 1951516-2 (32) 20.12.19 (33) SE  
2051282-8 04.11.20 SE  
(43) 24.06.2021  
(72) ZAFAR, Ashar; PHAM, Huynh Tram  
Anh; HÄGG, Katarina; EKSTRÖM, Jes-  
per  
(74) Spruson & Ferguson



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- (71) Strong Force VCN Portfolio 2019, LLC  
 (11) AU-A-2020379834  
 (21) 2020379834 (22) 05.11.2020  
 (54) Control tower and enterprise management platform for value chain networks  
 (51) Int. Cl.  
**G06Q 50/28** ( 2012.01 )  
**G06N 3/02** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
**G16Y 30/00** ( 2020.01 )  
 (87) WO2021/092263  
 (31) 62/931,193 (32) 05.11.19 (33) US  
 62/969,153 03.02.20 US  
 63/016,976 28.04.20 US  
 63/054,606 21.07.20 US  
 63/069,533 24.08.20 US  
 63/087,292 04.10.20 US  
 (43) 14.05.2021  
 (72) CELLA, Charles Howard; SPITZ, Richard; EL-TAHRY, Teymour S.; CARDNO, Andrew; PARENTI, Jenna; BLIVEN, Brent; DOBROWITSKY, Joshua  
 (74) Ellis Terry
- 
- (71) Stryker Corporation  
 (11) AU-A-2020404885  
 (21) 2020404885 (22) 10.12.2020  
 (54) Patient support with lift assembly  
 (51) Int. Cl.  
**A61G 7/012** ( 2006.01 )  
 (87) WO2021/126654  
 (31) 62/948,540 (32) 16.12.19 (33) US  
 (43) 24.06.2021  
 (72) ST. JOHN, Connor Feldpausch; CHILDS, William Dwight; BARTLEY, Gary L.  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Suez International  
 (11) AU-A-2020380536  
 (21) 2020380536 (22) 03.11.2020  
 (54) Method for detecting blocked meters in a distribution network  
 (51) Int. Cl.  
**H04Q 9/00** ( 2006.01 )  
 (87) WO2021/089937  
 (31) 1912337 (32) 04.11.19 (33) FR  
 (43) 14.05.2021  
 (72) HAEFFNER, Hugues; FAY, Gilles  
 (74) Griffith Hack
- 
- (71) Sumitomo Pharma Co., Ltd.; Kyoto University  
 (11) AU-A-2020387259  
 (21) 2020387259 (22) 19.11.2020  
 (54) Method for freezing neural cells  
 (51) Int. Cl.  
**C12N 5/10** ( 2006.01 )  
**A61K 35/545** ( 2015.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 1/04** ( 2006.01 )  
**C12N 5/0793** ( 2010.01 )  
 (87) WO2021/100829  
 (31) 2019-209929 (32) 20.11.19 (33) JP
- 
- (71) Sunshine Lake Pharma Co., Ltd.  
 (11) AU-A-2020390308  
 (21) 2020390308 (22) 27.11.2020  
 (54) Amorphous form of nitrogen-containing tricyclic compound and use thereof  
 (51) Int. Cl.  
**C07D 491/044** ( 2006.01 )  
**A61K 31/42** ( 2006.01 )  
**A61K 31/4353** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 9/04** ( 2006.01 )  
**A61P 9/10** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 261/08** ( 2006.01 )  
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(54) Sonar device  
(51) Int. Cl.  
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*G01H 3/00* ( 2006.01 )  
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such a control system  
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juries in performing a process  
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*A61K 39/12* ( 2006.01 )  
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*A61P 31/22* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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*A47C 17/04* ( 2006.01 )  
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*H01F 38/14* ( 2006.01 )  
*H04R 1/02* ( 2006.01 )  
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 (51) Int. Cl.  
**H01R 4/2406** ( 2018.01 )  
**H01R 4/2404** ( 2018.01 )  
**H01R 13/08** ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
**A61B 5/05** ( 2021.01 )  
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**A01N 25/02** ( 2006.01 )  
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**H04B 7/185** ( 2006.01 )  
**H01Q 3/26** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(74)** Pizeys Patent and Trade Mark Attor-  
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- (71)** Vita Inclinata Technologies, Inc.  
**(11)** AU-A-2020391500  
**(21)** 2020391500 ( **22** ) 25.11.2020  
**(54)** Bidirectional thrust apparatus, system,  
 and method  
**(51)** Int. Cl.  
**B63H 5/10** ( 2006.01 )  
**B63H 5/00** ( 2006.01 )  
**B64C 27/10** ( 2006.01 )  
**B64C 27/82** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
**(87)** WO2021/108714  
**(31)** 62/940,550 ( **32** ) 26.11.19 ( **33** ) US
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- (43)** 03.06.2021  
**(72)** SIKORA, Derek; GOODRICH, Logan  
**(74)** GIRL FRIDAY IP PTY LTD
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- (71)** Vita Inclinata Technologies, Inc.  
**(11)** AU-A-2020394206  
**(21)** 2020394206 ( **22** ) 25.11.2020  
**(54)** Coupling for suspended load control  
 apparatus, system, and method  
**(51)** Int. Cl.  
**B64D 1/22** ( 2006.01 )  
**B64C 27/08** ( 2006.01 )  
**B64C 39/02** ( 2006.01 )  
**B64D 1/12** ( 2006.01 )  
**B64D 47/08** ( 2006.01 )  
**B66C 13/06** ( 2006.01 )  
**B66D 1/50** ( 2006.01 )  
**(87)** WO2021/108703  
**(31)** 62/940,155 ( **32** ) 25.11.19 ( **33** ) US  
**(43)** 03.06.2021  
**(72)** SIKORA, Derek; GOODRICH, Logan  
**(74)** GIRL FRIDAY IP PTY LTD
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- (71)** Vitux Group AS  
**(11)** AU-A-2020388894  
**(21)** 2020388894 ( **22** ) 19.11.2020  
**(54)** Gelled oil-in-water emulsion comprising  
 at least one cannabinoid  
**(51)** Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 31/352** ( 2006.01 )  
**A61K 47/44** ( 2017.01 )  
**A61P 29/00** ( 2006.01 )  
**(87)** WO2021/099792  
**(31)** 1916960.6 ( **32** ) 21.11.19 ( **33** ) GB  
**(43)** 27.05.2021  
**(72)** LUNDHAUG, Kamilla; SIWEK, Andrzej;  
 DRAGET, Kurt  
**(74)** FB Rice Pty Ltd
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- (71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2020381577  
**(21)** 2020381577 ( **22** ) 16.11.2020  
**(54)** Left atrial appendage device and meth-  
 ods  
**(51)** Int. Cl.  
**A61B 17/12** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**(87)** WO2021/097412  
**(31)** 62/936,045 ( **32** ) 15.11.19 ( **33** ) US  
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 63/044,234 25.06.20 US  
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**(43)** 20.05.2021  
**(72)** FOX, Aaron D.; KOREY, Nathan C.;  
 RUST, Keith O.; SILVERMAN, James  
 D.; WHAM, Brett J.; WOLFE, Roark N.  
**(74)** Griffith Hack
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- (71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2020382501  
**(21)** 2020382501 ( **22** ) 11.11.2020  
**(54)** Drug coated balloon  
**(51)** Int. Cl.  
**A61L 29/08** ( 2006.01 )  
**A61L 29/16** ( 2006.01 )  
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(74) Griffith Hack
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- (71) Watson Marlow GmbH  
(11) AU-A-2020369991  
(21) 2020369991 (22) 22.10.2020  
(54) Conveyor device at least for conveying a fluid, and pump comprising such a conveyor device  
(51) Int. Cl.  
F04B 43/00 ( 2006.01 )  
F04B 43/08 ( 2006.01 )  
F04B 43/12 ( 2006.01 )  
F04B 53/16 ( 2006.01 )  
F04B 53/20 ( 2006.01 )  
F04C 5/00 ( 2006.01 )  
F04B 53/22 ( 2006.01 )  
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(11) AU-A-2020396753  
(21) 2020396753 (22) 02.12.2020  
(54) Novel aurora kinase inhibitor and use thereof  
(51) Int. Cl.  
C07D 417/14 ( 2006.01 )  
A61K 31/454 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
C07D 401/14 ( 2006.01 )  
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(54) Novel pyrrole compound  
(51) Int. Cl.  
C07D 207/325 ( 2006.01 )  
A61K 31/498 ( 2006.01 )  
A61P 31/10 ( 2006.01 )  
C07D 207/33 ( 2006.01 )  
C07D 498/04 ( 2006.01 )  
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- (54) Platform for hygiene behavioral monitoring and modification  
(51) Int. Cl.  
G16H 10/00 ( 2018.01 )  
G16H 15/00 ( 2018.01 )  
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(31) 62/937,376 (32) 19.11.19 (33) US  
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(11) AU-A-2020396492  
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(54) UAV balcony deliveries to multi-level buildings  
(51) Int. Cl.  
G05D 1/00 ( 2006.01 )  
G05D 1/06 ( 2006.01 )  
G06Q 10/08 ( 2012.01 )  
G08G 5/00 ( 2006.01 )  
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(51) Int. Cl.  
B60N 2/28 ( 2006.01 )  
(87) WO2021/098710  
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(51) Int. Cl.  
A61K 33/242 ( 2019.01 )  
A61K 47/54 ( 2017.01 )  
A61K 47/64 ( 2017.01 )  
A61P 25/00 ( 2006.01 )  
A61P 37/02 ( 2006.01 )  
(87) WO2021/128292  
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(72) SUN, Taolei  
(74) Madderns Pty Ltd
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- (71) XACT Robotics Ltd.  
(11) AU-A-2020393419  
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(54) Planning and real-time updating a 3D trajectory of a medical instrument  
(51) Int. Cl.  
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A61B 34/10 ( 2016.01 )  
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(54) Systems and methods for object detection and recognition  
(51) Int. Cl.  
G06T 7/11 ( 2017.01 )  
G06K 9/62 ( 2006.01 )  
G06N 3/08 ( 2006.01 )  
G06T 7/136 ( 2017.01 )  
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Xinjiang Goldwind Science & Technology Co., Ltd.  
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(54) Device with stator and rotor, and wind generating set  
(51) Int. Cl.  
H02K 1/12 ( 2006.01 )  
F03D 1/06 ( 2006.01 )  
H02K 1/22 ( 2006.01 )  
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(51) Int. Cl.  
C09K 5/06 ( 2006.01 )  
F28D 20/02 ( 2006.01 )  
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(74) Spruson & Ferguson



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 (54) Long-acting GDF15 fusion protein and pharmaceutical composition comprising same  
 (51) Int. Cl.  
     C07K 14/475 ( 2006.01 )  
     A61K 38/00 ( 2006.01 )  
     A61P 3/00 ( 2006.01 )  
     A61P 3/04 ( 2006.01 )  
     A61P 3/06 ( 2006.01 )  
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 (31) 10-2019-0153680 (32) 26.11.19 (33) KR  
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 (72) LIM, Seyoung; PARK, Young Bong; KIM, Sukyung; SIM, Bo Ra; CHONG, Wonee; CHOI, Hyun Ho; YANG, Ji Eun; JU, Mi Kyeong; KIM, Won Tae; LEE, Youn Woo; KIM, Junhwan  
 (74) FB Rice Pty Ltd

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 (54) Circuit breaker  
 (51) Int. Cl.  
     H01H 83/04 ( 2006.01 )  
     H01H 71/02 ( 2006.01 )  
     H01H 71/08 ( 2006.01 )  
     H01H 73/04 ( 2006.01 )  
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 (31) 201911173492.3 (32) 26.11.19 (33) CN  
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 (72) TU, Bing; ZHU, Jun; LI, Luobin  
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 (54) Electric operating device for circuit breaker  
 (51) Int. Cl.  
     H01H 71/10 ( 2006.01 )  
 (87) WO2021/109840  
 (31) 201911242376.2 (32) 06.12.19 (33) CN  
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 (72) LU, Kejun; YANG, Fan  
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.  
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 (54) Partial tunneling oxide layer passivation contact structure of photovoltaic cell and photovoltaic module  
 (51) Int. Cl.  
     H01L 31/0216 ( 2014.01 )  
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 (74) Michael Buck IP

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 (54) Adaptive data radio bearer mapping for multicast/broadcast in wireless networks  
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     H04L 12/18 ( 2006.01 )  
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 (54) Position prediction method and apparatus, network element, base station, and storage medium  
 (51) Int. Cl.  
     H04W 24/10 ( 2009.01 )  
     H04W 64/00 ( 2009.01 )  
 (87) WO2021/139398  
 (31) 202010026086.0 (32) 10.01.20 (33) CN  
 (43) 15.07.2021  
 (72) LIU, Zhuang; GAO, Yin; CHEN, Jiajun; LI, Dapeng  
 (74) Patenteur Pty Ltd

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<b>2019373091</b>	King Living Singapore Pte Ltd	<b>2020371527</b>	NVIDIA Corporation
<b>2019471181</b>	Safe Gauge Pty Ltd	<b>2020371562</b>	The Council of the Queensland Institute of Medical Research
<b>2019471600</b>	Kimberly-Clark Worldwide, Inc.	<b>2020371599</b>	Incando Therapeutics Pte. Ltd.
<b>2019471602</b>	Kimberly-Clark Worldwide, Inc.	<b>2020371635</b>	NeuroCycle Therapeutics, Inc.
<b>2019471690</b>	ZTE Corporation	<b>2020371706</b>	CNH Industrial America LLC
<b>2019472196</b>	Kimberly-Clark Worldwide, Inc.	<b>2020371777</b>	BYD Company Limited
<b>2019472433</b>	Kimberly-Clark Worldwide, Inc.	<b>2020371792</b>	Inovio Pharmaceuticals, Inc.; The Trustees of the University of Pennsylvania
<b>2019472821</b>	MABPRO, a.s.	<b>2020372003</b>	Parmar, S.; Parmar, B.
<b>2019473368</b>	Korid Ennergy Co.,Ltd; Australia VRFB ESS Company Pty Ltd	<b>2020372184</b>	Nuroflux Pty Ltd
<b>2019473403</b>	Insulet Corporation	<b>2020372185</b>	Tech Gym Pty Ltd
<b>2019473422</b>	NewSouth Innovations Pty Limited	<b>2020372383</b>	Aeonian Inc.
<b>2019474268</b>	Beridi Maritime S.L.	<b>2020372397</b>	Genzyme Corporation
<b>2019475309</b>	The Lubrizol Corporation	<b>2020372413</b>	Cue Biopharma, Inc.
<b>2019475323</b>	Regal Grid S.R.L.	<b>2020372682</b>	JD Bioscience Inc.
<b>2019475409</b>	Vector Vitale IP LLC	<b>2020372823</b>	Intercontinental Great Brands LLC
<b>2019475453</b>	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	<b>2020372881</b>	Merck Sharp & Dohme Corp.
<b>2019475630</b>	Merck Patent GmbH	<b>2020372939</b>	Eclipse Medcorp, LLC
<b>2019476056</b>	Envision Energy Co., Ltd	<b>2020372987</b>	Simpson, T.; Patel, T.
<b>2019476150</b>	The University of Western Australia; Monash University	<b>2020373264</b>	Perfetti Van Melle S.p.A.
<b>2019476279</b>	AVE Science & Technology Co., Ltd.	<b>2020373346</b>	CMR Surgical Limited
<b>2019476299</b>	Ammann, P.	<b>2020373859</b>	Institute of Materia Medica ,Chinese Academy of Medicinal Sciences
<b>2019476360</b>	Hiperbaric, S.A.	<b>2020373899</b>	Noile-Immune Biotech Inc.
<b>2019476738</b>	Fieldpoint (Cyprus) Limited	<b>2020374041</b>	ShanghaiTech University
<b>2019477328</b>	Nanexa AB	<b>2020374150</b>	Universitetet I Oslo
<b>2019477491</b>	Essity Hygiene and Health Aktiebolag	<b>2020374165</b>	Raumedic AG
<b>2019477537</b>	Actega DS GmbH	<b>2020374884</b>	Astellas Institute for Regenerative Medicine
<b>2019478068</b>	Shenzhen Shokz Co., Ltd.	<b>2020374963</b>	Akebia Therapeutics, Inc.; Mitsubishi Tanabe Pharma Corporation
<b>2019478287</b>	Essity Hygiene and Health Aktiebolag	<b>2020375030</b>	4Web, Inc.
<b>2019478288</b>	Essity Hygiene and Health Aktiebolag	<b>2020375183</b>	CMR Surgical Limited
<b>2019478717</b>	Essity Hygiene and Health Aktiebolag	<b>2020375372</b>	Furukawa Electric Co., Ltd.
<b>2019479041</b>	Essity Hygiene and Health Aktiebolag	<b>2020375960</b>	Broadenbio Co., Ltd.
<b>2019479274</b>	Ares Trading S.A.	<b>2020376218</b>	SICPA HOLDING SA
<b>2019479828</b>	Wuhan Vast Conduct Science Foundation Co., Ltd.	<b>2020376740</b>	Kimberly-Clark Worldwide, Inc.
<b>2020329429</b>	Shenzhen Yangwo Electronic Co., Ltd.	<b>2020376801</b>	ACADIA Pharmaceuticals Inc.; Neuren Pharmaceuticals Limited
<b>2020365602</b>	Bavi, A.	<b>2020376937</b>	Memorial Sloan Kettering Cancer Center; Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
<b>2020366015</b>	Landis+Gyr Innovations, Inc.	<b>2020376950</b>	Navitor Pharmaceuticals, Inc.
<b>2020367697</b>	Rack Studs Limited	<b>2020376989</b>	Nova Mineralis S.A.
<b>2020367793</b>	Landis+Gyr Innovations, Inc.	<b>2020377014</b>	Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co. Ltd.
<b>2020367794</b>	Landis+Gyr Innovations, Inc.	<b>2020377140</b>	Skiba, M.
<b>2020368305</b>	National University of Singapore; National University Hospital (Singapore) Pte Ltd; Kyan Therapeutics	<b>2020377152</b>	Ezetrolley Pty Ltd
<b>2020369151</b>	GenEmbryomics Pty. Ltd.	<b>2020377282</b>	SICPA HOLDING SA
<b>2020369205</b>	Cancer Research Technology Limited	<b>2020377355</b>	Shanghai Novamab Biopharmaceuticals Co., Ltd.
<b>2020369293</b>	Bosquet Silicon Corp.; KIT Co. Ltd.	<b>2020377447</b>	Unidome Deutschland GmbH
<b>2020369431</b>	Neuren Pharmaceuticals Limited	<b>2020377525</b>	Huddle Corp
<b>2020369454</b>	Intrexon Corporation	<b>2020377876</b>	Intercontinental Great Brands LLC
<b>2020369486</b>	NVIDIA Corporation	<b>2020378213</b>	Pinnamaneni, S.
<b>2020369491</b>	AFL Telecommunications LLC	<b>2020378282</b>	Medikine, Inc.
<b>2020369512</b>	Tilray Inc.; Jacobson, C.; Lucas, P.	<b>2020378350</b>	Hollister Incorporated
<b>2020369596</b>	SentiAR, Inc.	<b>2020378394</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
<b>2020369936</b>	Baker Hughes Oilfield Operations LLC	<b>2020378440</b>	Tak Logic, LLC
<b>2020369979</b>	The University of Sydney	<b>2020378602</b>	Amazentis SA
<b>2020369991</b>	Watson Marlow GmbH	<b>2020378619</b>	Association Institut De Myologie; INSERM (Institut National de la Santé et de la Recherche Médicale); Sorbonne Université
<b>2020370161</b>	SprainGo, LLC	<b>2020378633</b>	Trioworld Smålandsstenar AB
<b>2020370231</b>	Eva Last Hong Kong Limited	<b>2020378647</b>	Small Pharma Ltd
<b>2020370246</b>	T.E.C. S.R.L.	<b>2020378816</b>	Viking Group, Inc.
<b>2020370288</b>	Cedars-Sinai Medical Center	<b>2020378947</b>	Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.
<b>2020370497</b>	AllClear ID, Inc.	<b>2020378973</b>	Maplebear Inc. (DBA Instacart)
<b>2020370511</b>	The Regents of the University of California; President and Fellows of Harvard College		
<b>2020370751</b>	NovaGo Therapeutics AG		
<b>2020370867</b>	The Council of the Queensland Institute of Medical Research		
<b>2020370874</b>	Kiffik Inc.		
<b>2020370958</b>	SK Biopharmaceuticals Co., Ltd.		
<b>2020371294</b>	AgResearch Limited		
<b>2020371500</b>	Sanofi		

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2020379001	Seagen Inc.; Rubinstein, P.	2020384936	Stalicia SA
2020379021	Hollister Incorporated	2020384938	Bellota Agrisolutions, S.L.
2020379040	Lyndra, Inc.	2020384946	Foundry Innovation & Research 1, Ltd.
2020379171	MedImmune Limited	2020385015	Berkeley Lights, Inc.
2020379176	Pieris Pharmaceuticals GmbH	2020385244	Artemis Technologies Limited
2020379194	Cerámica Malpesa, S.A.	2020385249	Lancell AB
2020379709	Betta Pharmaceuticals Co., Ltd	2020385400	Theravance Biopharma R&D IP, LLC
2020379793	Huawei Technologies Co., Ltd.	2020385518	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2020379832	Hollister Incorporated	2020385637	CSL Behring AG
2020379834	Strong Force VCN Portfolio 2019, LLC	2020385676	Callidus Process Solutions Pty Ltd
2020380107	Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.	2020385696	Ceres Intellectual Property Company Limited
2020380198	Emerging Acquisitions, LLC	2020385713	Vestatis GmbH
2020380256	Amgen Inc.	2020385714	Leituis Pharmaceuticals LLP
2020380404	Retina Foundation of The Southwest	2020385750	Hitachi, Ltd.
2020380412	The University of Queensland; Clarity Pharmaceuticals Ltd.	2020385942	Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.
2020380421	Expander Energy Inc.	2020385987	Heatworks Technologies, Inc.
2020380536	Suez International	2020385989	Cargill, Incorporated
2020380588	MedImmune Limited	2020386058	Greeneden U.S. Holdings II, LLC
2020380599	Globus (Shetland) Ltd.	2020386066	ChemoCentryx, Inc.
2020380604	Seqirus UK Limited	2020386091	Leap Therapeutics, Inc.
2020380753	China University of Petroleum (East China); PipeChina South China Company; Guangdong South China Intelligent Pipeline Research Institute	2020386366	Archer Daniels Midland Company
2020380812	Syros Pharmaceuticals, Inc.	2020386443	Albemarle Corporation
2020381010	Marine Innovations and Engineering B.V.	2020386444	Albemarle Corporation
2020381017	University of Canberra	2020386484	Alfa Laval Corporate AB
2020381103	Small Pharma Ltd	2020386519	Daré Bioscience, Inc.
2020381197	Shashikant Walawalkar, D.	2020386620	Spraying Systems Co.
2020381246	Gulf Medical Technologies	2020386630	Milwaukee Electric Tool Corporation
2020381460	Temple University-Of The Commonwealth System of Higher Education; Praeventix, LLC	2020386635	Trinity Bay Equipment Holdings, LLC
2020381537	Amgen Inc.	2020386636	Lentigen Technology, Inc.
2020381576	New Life Crop Sciences LLC	2020386660	BASF SE
2020381577	W. L. Gore & Associates, Inc.	2020386866	Elbit Systems Ltd.
2020381786	Arla Foods amba	2020386881	Baker Hughes Oilfield Operations LLC
2020381876	Consejo Superior de Investigaciones Científicas; Universitat Politècnica de València	2020386893	Albemarle Corporation
2020382101	Enthera S.r.l.	2020386903	Ideaya Biosciences, Inc.
2020382473	Becton, Dickinson and Company	2020386971	Alopecx, Inc.
2020382501	W. L. Gore & Associates, Inc.	2020387047	Nicoya Lifesciences, Inc.
2020382542	Becton, Dickinson and Company	2020387122	UPL Limited
2020382689	Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.	2020387128	Meditalia Industriale S.r.l.; Fondazione Policlinico Universitario Agostino Gemelli IRCCS; Università Cattolica del Sacro Cuore; Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico
2020382852	Arla Foods Amba	2020387177	Cutiss AG
2020383077	Toray Industries, Inc.	2020387259	Sumitomo Pharma Co., Ltd.; Kyoto University
2020383316	Becton, Dickinson and Company	2020387281	Albemarle Corporation
2020383340	Brightseed, Inc	2020387424	Becton, Dickinson and Company
2020383350	TMGcore, LLC	2020387571	Ontex BV; Ontex Group NV
2020383428	Mechanix Wear LLC	2020387679	The University of Sydney; South East Sydney Local Health District
2020383432	Bruin Biometrics, LLC	2020387700	Xinjiang Goldwind Science & Technology Co., Ltd.
2020383493	Bruin Biometrics, LLC	2020387701	UPL Limited
2020383515	CleanSite Medical, Inc.	2020388091	Nuovo Pignone Tecnologie - S.r.l.
2020383527	President and Fellows of Harvard College; Massachusetts Institute of Technology	2020388210	Inventio AG
2020383537	Quogue IP Holdings LLC	2020388219	Phoenix Contact GmbH & Co. KG
2020383593	Aprinoia Therapeutics Limited	2020388330	Bioneer Corporation
2020383938	Emrod Limited	2020388404	The Children's Hospital of Philadelphia
2020384041	Nippon Shinyaku Co., Ltd.	2020388435	Norsk Titanium AS
2020384235	Mack Rides GmbH & Co. KG	2020388644	Trinity Bay Equipment Holdings, LLC
2020384281	Bruin Biometrics, LLC	2020388678	Willo Technologies, LLC
2020384286	The Regents of the University of California	2020388682	Tesla, Inc.
2020384374	Gritstone Bio, Inc.	2020388690	Cartherics Pty. Ltd.
2020384456	Otsuka Pharmaceutical Co., Ltd.	2020388822	Wonderland Switzerland AG
2020384481	Nammi Therapeutics, Inc.	2020388894	Vitux Group AS
2020384501	Bruin Biometrics, LLC	2020389020	Rijksuniversiteit Groningen
2020384502	Bruin Biometrics, LLC	2020389095	NovaFlow
2020384885	Curza Global, LLC; The University of Utah Research Foundation	2020389110	Xailient
2020384893	Malta Inc.	2020389135	Milwaukee Electric Tool Corporation
2020384935	Nogra Pharma Limited	2020389138	Liqui-Box Corporation
		2020389144	Arena Pharmaceuticals, Inc.
		2020389322	CJ CheilJedang Corporation
		2020389633	Touchstone International Medical Science Co., Ltd.
		2020390079	Zhejiang Chint Electrics Co.,Ltd.

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2020390308	Sunshine Lake Pharma Co., Ltd.	2020393300	Thales
2020390378	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2020393325	Thales
2020390422	Cryoshelter GmbH	2020393340	Yazaki Corporation
2020390434	Botanix Pharmaceuticals Limited	2020393375	CleveXel Pharma; Institut Gustave Roussy; Universite Paris-Saclay
2020390851	Biotron Limited	2020393384	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2020390867	KA Imaging Inc.	2020393419	XACT Robotics Ltd.
2020390870	AO Technology AG	2020393434	Revelations Biotech PVT Ltd
2020390925	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2020393814	Hollister Incorporated
2020390992	Sunshine Lake Pharma Co., Ltd.	2020393854	Bristol-Myers Squibb Company
2020391108	Dexcom, Inc.	2020393864	CubicPV Inc.
2020391143	Robinson, R.	2020393869	Twelve Benefit Corporation
2020391161	Amgen Inc.	2020393880	The General Hospital Corporation
2020391178	Ansun Biopharma, Inc.	2020393881	Selig Sealing Products, Inc.
2020391193	Sentient Technology Holdings, LLC	2020393912	Novartis AG
2020391230	Oak Crest Institute of Science	2020393921	The NOCO Company
2020391257	CJ CheilJedang Corporation	2020393923	ScreenBeam Inc.
2020391285	Onogene Biotechnology Inc.	2020393925	Lucid Software, Inc.
2020391338	DEKA Products Limited Partnership	2020393931	The United States of America, as represented by the Secretary of Agriculture; Method Products, PBC
2020391414	Cisco Technology, Inc.	2020394122	CYTLIMIC Inc.
2020391436	CubicPV Inc.	2020394206	Vita Inclinata Technologies, Inc.
2020391460	Allegheny Singer Research Institute; University of Pittsburgh-of the Commonwealth System of Higher Education	2020394215	Plakous Therapeutics, Inc.
2020391488	Grail, LLC	2020394241	CJ CheilJedang Corporation
2020391489	Larimar Therapeutics, Inc.	2020394255	Yuhan Corporation
2020391500	Vita Inclinata Technologies, Inc.	2020394287	FNV IP B.V.
2020391508	CubicPV Inc.	2020394288	FNV IP B.V.
2020391511	Deverra Therapeutics Inc.	2020394379	CubicPV Inc.
2020391512	CubicPV Inc.	2020394391	Nemo Equipment, Inc.
2020391589	Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.	2020394408	Mabloc, LLC
2020391623	Agensys, Inc.; Seagen Inc.	2020394421	Praxis Precision Medicines, Inc.
2020391884	Bayer Aktiengesellschaft	2020394498	Boehringer Ingelheim Vetmedica GmbH
2020391926	Kamstrup A/S	2020394531	Origo Biopharma, S.L.
2020391944	Nicoventures Trading Limited	2020394550	Nicoventures Trading Limited
2020391945	Nicoventures Trading Limited	2020394709	Hanyi Biotechnology (Beijing) Co., Ltd
2020392087	Amgen Inc.	2020394993	Astellas Pharma Inc.; Riken
2020392113	Selig Sealing Products, Inc.	2020395082	Axsome Therapeutics, Inc.
2020392121	SI-BONE, Inc.	2020395112	Talis Biomedical Corporation
2020392128	Praxis Precision Medicines, Inc.	2020395113	Shape Therapeutics Inc.
2020392185	EMP Biotech GmbH	2020395122	Regeneron Pharmaceuticals, Inc.
2020392195	Ipalco BV	2020395124	Boston Scientific Scimed, Inc.
2020392198	Italtractor ITM S.p.A.	2020395172	Bechtel Energy Technologies & Solutions, Inc.
2020392212	Lycored Ltd.	2020395318	Juno Therapeutics, Inc.
2020392222	Board of Regents, The University of Texas System	2020395397	Shanghai Yingli Pharmaceutical Co., Ltd
2020392237	Lucid Software, Inc.	2020395612	Monash University; Peter MacCallum Cancer Institute
2020392303	PhotoFusion Technologies Limited	2020395697	Green, R.
2020392328	Cisco Technology, Inc.	2020395783	Arcus Biosciences, Inc.
2020392420	Neste Oyj	2020395799	Krones AG
2020392450	Labor Berlin - Charité Vivantes Services GmbH	2020395933	Nanexa AB
2020392501	Labor Berlin - Charité Vivantes Services GmbH	2020396033	Hanmi Pharm. Co., Ltd.
2020392507	Expro North Sea Limited	2020396190	AB Science
2020392513	Labor Berlin - Charité Vivantes Services GmbH	2020396451	Tyco Fire Products LP
2020392621	Nicoventures Trading Limited	2020396453	Salvia Bioelectronics B.V.
2020392630	Nicoventures Trading Limited	2020396492	Wing Aviation LLC
2020392633	Nicoventures Trading Limited	2020396511	Chevron U.S.A. Inc.
2020392634	Nicoventures Trading Limited	2020396635	Hirotsu Bio Science Inc.
2020392704	Molsid; Ecole Normale Supérieure de Lyon; Université Claude Bernard Lyon 1; Centre National de la Recherche Scientifique (CNRS)	2020396753	Wigen Biomedicine Technology (Shanghai) Co., Ltd.
2020392713	Pérez Santafé, J.	2020396763	Steris Inc.
2020392866	Expro North Sea Limited	2020396802	Bauer, W.
2020392885	Expro North Sea Limited	2020396872	Medline Industries, LP
2020392896	Marlow Foods Limited	2020396896	Dana-Farber Cancer Institute, Inc.
2020392905	Nicoventures Trading Limited	2020396985	Zhejiang Chint Electrics Co., Ltd.
2020392997	BASF SE	2020396996	Wigen Biomedicine Technology (Shanghai) Co., Ltd.
2020393015	HID Textile Services SARL	2020397041	Arbor Biotechnologies, Inc.
2020393036	3M Innovative Properties Company	2020397056	Graco Minnesota Inc.
2020393233	Akrocell Bioscience, Inc.	2020397424	BCN Peptides, S.A.
2020393289	ELAFLEX HIBY GmbH & Co. KG	2020397437	Tessengerlo Group NV
2020393299	Thales	2020397483	Merit Technologies ( Fu Jian) Co., Ltd.
		2020397508	Axoltis Pharma
		2020397639	IVECO S.p.A.
		2020397700	Robotics Plus Limited

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2020397746	LG Chem, Ltd.	2020405183	TeneoFour, Inc.
2020397825	Chevron U.S.A. Inc.	2020405249	Greeneden U.S. Holdings II, LLC
2020397888	Alector LLC	2020405270	Bostik SA
2020397893	The Methodist Hospital System	2020405298	Ulterra Drilling Technologies, L.P.
2020398045	Sotio Biotech A.S.	2020405407	Alcon Inc.
2020398171	The Boeing Company	2020405440	Koch Agronomic Services, LLC
2020398178	Sangamo Therapeutics, Inc.	2020405540	Arixa Pharmaceuticals, Inc.
2020398331	Thales Management & Services Deutschland GmbH	2020405579	Telefonaktiebolaget LM Ericsson (publ)
2020398385	Vesuvius U S A Corporation	2020405920	Enhanced Drilling AS
2020398425	CJ CheilJedang Corporation	2020405942	Gambro Lundia AB
2020398660	BostonGene Corporation	2020406061	Soltec Innovations, S.L.
2020398783	Astellas Pharma Inc.; Riken	2020406094	Tetra Laval Holdings & Finance S.A.
2020399117	IFP Energies nouvelles; Axens	2020406117	Baxter International Inc.; Baxter Healthcare SA
2020399153	Clariant International Ltd	2020406469	Tyco Fire Products LP
2020399182	Bracco Imaging SpA	2020406470	Alcon Inc.
2020399200	Société des Produits Nestlé S.A.	2020406658	Baxter International Inc.; Baxter Healthcare SA
2020399540	Oceanit Laboratories, Inc.	2020406965	Kao Corporation
2020399619	Genentech, Inc.	2020407048	Inscripta, Inc.
2020399650	Aladdin Manufacturing Corporation	2020407059	DexCom, Inc.
2020399664	Eli Lilly and Company	2020407365	Akston Biosciences Corporation
2020399999	Paqell B.V	2020407553	Stora Enso Oyj
2020400048	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.	2020407559	InCube Labs, LLC
		2020407593	Inari Medical, Inc.
2020400286	EpinovaTech AB	2020407634	Galderma Holding SA; Ipsen Biopharm Limited
2020400331	Mimetrik Solutions Limited	2020407662	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2020400846	dormakaba Deutschland GmbH		
2020401112	Allure Rv, LLC	2020407791	Mölnlycke Health Care AB
2020401138	JPMorgan Chase Bank, N.A.	2020407853	Intervet International B.V.
2020401189	Poarch Band of Creek Indians, DBA PCI Gaming Authority	2020407929	Soltec Innovations S.L
		2020407985	Dexcom, Inc.
2020401226	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.	2020408070	Dana-Farber Cancer Institute, Inc.
		2020408139	Eli Lilly and Company
2020401273	Halliburton Energy Services, Inc.	2020408143	Netflix, Inc.
2020401277	Halliburton Energy Services, Inc.	2020408173	Intervet International B.V.
2020401298	EpicentRx, Inc.	2020408215	Grail, LLC
2020401369	Sigilon Therapeutics, Inc.	2020408315	Alcon Inc.
2020401400	Somero Enterprises, Inc.	2020408344	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG
2020401587	Greeneden U.S. Holdings II, LLC		
2020401950	Bendix Commercial Vehicle Systems LLC	2020409011	Alcon Inc.
2020402043	Halliburton Energy Services, Inc.	2020409013	Alcon Inc.
2020402048	Halliburton Energy Services, Inc.	2020409099	Raytheon Company
2020402049	Taro Pharmaceutical Industries Ltd.	2020409447	IFP Energies nouvelles
2020402104	Grail, LLC	2020409450	IFP Energies nouvelles
2020402167	LifT BioSciences Ltd	2020409559	Société des Produits Nestlé S.A.
2020402208	NEC Platforms, Ltd.	2020409583	Intervet International B.V.
2020402303	Ignite Immunotherapy, Inc.	2020409588	Intervet International B.V.
2020402526	Inscripta, Inc.	2020409630	China Petroleum & Chemical Corporation; SINOPEC Research Institute of Petroleum Engineering
2020402644	Mimetrik Solutions Limited		
2020402647	LifT BioSciences Ltd	2020410226	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG
2020402850	SI-BONE Inc.	2020410265	Paul Hartmann AG
2020402990	Novozymes A/S	2020410410	Pfizer Inc.
2020402998	Halliburton Energy Services, Inc.	2020410418	Pfizer Inc.
2020403070	dormakaba Deutschland GmbH	2020410980	Huntsman International LLC
2020403250	Inscripta, Inc.	2020411028	Hydromecanique et frottement
2020403276	Tempus Labs, Inc.	2020411499	Pharmunion, LLC
2020403281	The NOCO Company	2020411713	Pylon Technologies, Co., Ltd
2020403384	Adamed Pharma S.A.	2020412238	Shell Internationale Research Maatschappij B.V.
2020403450	Scan Coin AB	2020412360	Ab Initio Technology LLC
2020403706	GRID20/20, Inc.	2020412566	Capital One Services, LLC
2020403786	Electrochaea GmbH	2020412766	10X Genomics, Inc.
2020403856	Paul Hartmann AG	2020412896	Shamir Optical Industry Ltd.
2020403913	F. Hoffmann-La Roche AG	2020412959	Hydrogenia Pty Ltd
2020404014	Paul Hartmann AG	2020413071	MGI Tech Co.,Ltd.
2020404040	Spago Nanomedical AB	2020413241	Pylon Technologies, Co., Ltd
2020404100	Intervet International B.V.	2020413943	Kubota Corporation
2020404402	Linde GmbH	2020413997	Astellas Pharma Inc.; Kotobuki Pharmaceutical Co., Ltd.
2020404485	Becker Mining Systems AG		
2020404611	Galderma Holding SA; Ipsen Biopharm Limited	2020414482	Otsuka Pharmaceutical Co., Ltd.
2020404885	Stryker Corporation	2020414730	Dexcom, Inc.
2020404895	Netflix, Inc.	2020414768	Pylon Technologies, Co. Ltd
2020405060	Ovid Therapeutics Inc.	2020415200	Ceraloc Innovation AB
2020405145	Dynamic Material Systems LLC	2020415242	DSM IP Assets B.V.; Evonik Operations GmbH

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2020415307	F. Hoffmann-La Roche AG	2021296514	Oral Tech AI Pty Ltd; Indyzen Inc.
2020415309	Huntsman International LLC	2021307014	Nantong University
2020415329	Aposcience AG	2021307338	Utility Relay Company, Ltd.
2020415384	Vetology Innovations, LLC.	2021308941	Intuit Inc.
2020415534	Japan Aviation Electronics Industry, Limited; Tokyo Institute of Technology	2021311376	Intuit Inc.
2020415622	Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd.	2021315432	Intuit Inc.
2020416686	Tyco Fire Products LP	2021317262	Karnak Technologies, LLC; Ezra, R.
2020417043	Pfizer R&D UK Limited	2021318113	Intuit Inc.
2020417209	Microban Products Company	2021330320	Intuit Inc.
2020418549	Société des Produits Nestlé S.A.	2021353846	Intuit Inc.
2020418608	International Business Machines Corporation	2021355322	Intuit Inc.
2020419442	F. Hoffmann-La Roche AG		
2020419444	Ascendis Pharma A/S		
2020419642	Société des Produits Nestlé S.A.		
2020420676	Dexcom, Inc.		
2020420678	The LoveSac Company		
2020420706	ZTE Corporation		
2020421460	International Business Machines Corporation		
2020421571	The Sallie Astor Burdine Breast Foundation		
2020421622	Raytheon Company		
2020422420	Amgen Inc.		
2020422535	International Business Machines Corporation		
2020423106	Duff, J.; Paganessi, J.		
2020426558	CJ Cheiljedang Corporation		
2020428550	Halliburton Energy Services, Inc.		
2020432208	Filloramo, C.		
2020436451	Andritz AG		
2020437694	Uninsured United Parachute Technologies, LLC.		
2020440758	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
2021205877	Vaccinex, Inc.		
2021206028	Essilor International		
2021206169	CRM Medical Devices, Inc.		
2021206279	ViaSat, Inc.		
2021206610	Laitram, L.L.C.		
2021207253	INSERM (Institut National de la Santé et de la Recherche Médicale); Ecole Normale Supérieure de Lyon; Université Claude Bernard Lyon 1; Centre National de la Recherche Scientifique; ENYO Pharma		
2021207284	Société des Produits Nestlé S.A.		
2021207289	Universiteit Gent; VIB vzw		
2021207469	InCube Labs, LLC		
2021208398	Ascendis Pharma Bone Diseases A/S		
2021208492	Société des Produits Nestlé S.A.		
2021208629	Great Plains Manufacturing, Inc.		
2021208982	International Business Machines Corporation		
2021209133	Halliburton Energy Services, Inc.		
2021209389	Société des Produits Nestlé S.A.		
2021209426	Daikin Industries (Thailand) Ltd.		
2021210221	International Business Machines Corporation		
2021211858	International Business Machines Corporation		
2021212742	ACIST Medical Systems, Inc.		
2021213894	Société des Produits Nestlé S.A.		
2021214930	Premier Hydraulic Augers, Inc.		
2021216063	Sika Technology AG		
2021219240	Epiroc Drilling Tools Aktiebolag		
2021221089	Suntton Company Limited; Wang, X.; Peng, L.		
2021232404	Kotobuki Holdings Co., Ltd.; Shinshu University		
2021235367	Komatsu Ltd.		
2021240732	Shenzhen Futu Network Technology Co., Ltd		
2021240845	Hytecon AG		
2021247977	CJ CheilJedang Corporation		
2021259899	NIPPON STEEL Stainless Steel Corporation		
2021261641	hearX IP (Pty) Ltd.		
2021269727	Tetra Laval Holdings & Finance S.A.		
2021274466	Intuit Inc.		
2021288230	CJ CheilJedang Corporation		
2021289204	Oral Tech AI Pty Ltd		
2021289313	Intuit Inc.		
2021295948	Intuit Inc.		

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<b><u>A01B 15 /-</u></b>	2020392997 2020404100 2021221089	<b><u>A23K 40 /-</u></b>	<b><u>A24C 5 /-</u></b>	2019472433 2020376740	<b><u>A61B 50 /-</u></b>
2020384938		2020415242	2020391944 2020391945 2020392630	<b><u>A47K 7 /-</u></b>	2020378350 2020378440
<b><u>A01B 23 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23K 50 /-</u></b>		2019471602	<b><u>A61B 6 /-</u></b>
2020384938	2020387701	2020369293 2020394498 2020415242	<b><u>A24D 1 /-</u></b>	<b><u>A61B 1 /-</u></b>	2020390867
<b><u>A01B 69 /-</u></b>	<b><u>A01N 57 /-</u></b>		2020391944 2020391945 2020392630 2020392905	2020381246 2020395124	<b><u>A61B 8 /-</u></b>
2020413943 2021208629	2020405440	<b><u>A23L 2 /-</u></b>		<b><u>A61B 17 /-</u></b>	2020384501
<b><u>A01B 71 /-</u></b>	<b><u>A01N 65 /-</u></b>	2020382852 2020395799 2020406094	<b><u>A24F 40 /-</u></b>	2020371599 2020372987 2020375030 2020381577 2020387177 2020389633 2020390870 2020392121 2020393419 2020395124 2020402850 2020407593 2021206169	<b><u>A61B 90 /-</u></b>
2021208629	2020369454 2020370161 2020385713	<b><u>A23L 25 /-</u></b>	2020391944 2020391945 2020392630 2020392633 2020392634 2020392905 2020394550		2020369596
<b><u>A01D 41 /-</u></b>	<b><u>A01P 7 /-</u></b>	2021213894			<b><u>A61C 19 /-</u></b>
2020371706	2020392997	<b><u>A23L 29 /-</u></b>			2020371599
<b><u>A01G 13 /-</u></b>	<b><u>A23C 1 /-</u></b>	2020392896 2020394241 2020397437	<b><u>A41D 19 /-</u></b>		<b><u>A61C 7 /-</u></b>
2020365602	2020386620		2020383428		2020402644
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2020396451	2020386620	2019476360 2020394241 2020395799 2020417209	2020394391	<b><u>A61B 18 /-</u></b>	2020393036
<b><u>A01H 1 /-</u></b>	<b><u>A23C 3 /-</u></b>			2020329429 2020408344	<b><u>A61F 13 /-</u></b>
2020371294	2020381786	<b><u>A23L 31 /-</u></b>	2020380599		2019478287 2019478288 2019478717 2019479041 2020387571 2020396872 2020403856 2020404014 2020407791 2020410265
<b><u>A01H 13 /-</u></b>	<b><u>A23C 9 /-</u></b>	2020392896	<b><u>A45C 13 /-</u></b>	2020405407 2020408315 2020409013 2020412896	
2020371294	2020381786 2020382852 2020386620 2020406094	<b><u>A23L 33 /-</u></b>	2019476299	<b><u>A61B 3 /-</u></b>	
<b><u>A01H 5 /-</u></b>		2020377525 2020381786 2020382852 2020386620 2020399200 2021213894	<b><u>A45C 3 /-</u></b>	2020373346 2020393419	<b><u>A61F 2 /-</u></b>
2020371294	<b><u>A23D 9 /-</u></b>		2019476299		2020372987 2020375030 2020402850 2020407593 2021206169
<b><u>A01N 25 /-</u></b>	2020371294	<b><u>A23N 12 /-</u></b>	<b><u>A45C 7 /-</u></b>	<b><u>A61B 5 /-</u></b>	
2020381576 2020385713 2020387701 2020392997 2021221089	<b><u>A23F 5 /-</u></b>	2021208492	2019476299	2020370511 2020371599 2020372184 2020372185 2020381017 2020382473 2020382542 2020383432 2020383493 2020384281 2020384502 2020384946 2020387424 2020396453 2020398171 2020401298 2020407059 2020407985 2020408315 2020414730 2020415384 2021261641 2021296514	<b><u>A61F 5 /-</u></b>
<b><u>A01N 31 /-</u></b>	<b><u>A23G 3 /-</u></b>		2019476299		2020393814
2019476738	2020373264 2020397437	<b><u>A23P 10 /-</u></b>	<b><u>A47B 81 /-</u></b>		<b><u>A61F 9 /-</u></b>
<b><u>A01N 33 /-</u></b>	<b><u>A23G 4 /-</u></b>	2020377525 2021213894	2020391143	<b><u>A47C 17 /-</u></b>	2020409011
2020381576	2020373264	<b><u>A23P 30 /-</u></b>		2020401112 2020420678	
<b><u>A01N 37 /-</u></b>	<b><u>A23J 3 /-</u></b>	2020418549	<b><u>A47C 21 /-</u></b>		<b><u>A61G 7 /-</u></b>
2020392997 2021221089	2020392896 2020397437 2020418549 2020419642 2021213894	<b><u>A24B 15 /-</u></b>	2019373091		2020404885
<b><u>A01N 41 /-</u></b>		2020391944 2020391945 2020392621 2020392630 2020403384	<b><u>A47C 27 /-</u></b>		<b><u>A61H 1 /-</u></b>
2020417209	<b><u>A23K 20 /-</u></b>		2019373091		2020372185
<b><u>A01N 43 /-</u></b>	2020369293 2020394498 2020397437 2020415242	<b><u>A24B 3 /-</u></b>	<b><u>A47K 10 /-</u></b>		<b><u>A61J 1 /-</u></b>
2020385713 2020386660 2020387701 2020391884		2020391944 2020391945	2019471600 2019471602 2019472196		2020391338
					<b><u>A61J 15 /-</u></b>
					2021206169

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

<b>A61J 9 /-</b>	2020395933	2020397508	2020403384	<b>A61L 29 /-</b>	2020389144
	2020396190	2020403250	2020408173		2020390308
	2020396753	2020408070	2020409588	2020378350	2020390992
2020411499	2020396996	2020408139	2020419444	2020379832	2020394215
	2020397746	2020411499	2021207284	2020382501	2021207289
<b>A61K 101 /-</b>	2020399200	2020415307	2021207289		
	2020401369	2021207253	2021208398	<b>A61L 31 /-</b>	<b>A61P 11 /-</b>
2020399964	2020402049	2021208398			
	2020403384	2021213894	<b>A61K 48 /-</b>	2020396453	2020373859
<b>A61K 31 /-</b>	2020405060		2020384286	2020400048	2020379171
	2020405540	<b>A61K 39 /-</b>	2020384374	2020401226	2020385400
2019475409	2020408173	2020370751	2020388404		2020388330
2019476738	2020409588	2020371562	2020394122	<b>A61M 1 /-</b>	2020396190
2020369431	2020410410	2020371792		2020387128	<b>A61P 13 /-</b>
2020369512	2020410418	2020373899	<b>A61K 51 /-</b>	2020389095	
2020370161	2020413997	2020376937	2020380412	2020391338	2020380588
2020370288	2020415307	2020377355	2020399964	<b>A61M 25 /-</b>	2020384041
2020370958	2021207253	2020379001		2020374165	2020390992
2020371562	2021207284	2020379171	<b>A61K 8 /-</b>	2020378350	<b>A61P 15 /-</b>
2020372682	2021307014	2020379176	2019476738	2020379021	
2020372881		2020380588	2020373264	2020379832	2020390992
2020374041	<b>A61K 33 /-</b>	2020380604		2020382473	<b>A61P 17 /-</b>
2020374150	2019475409	2020382101	<b>A61K 9 /-</b>	2020389095	
2020374963	2019479828	2020384374	2019476738	2020393814	2019476738
2020375960	2020406658	2020386091	2019477328	2020395124	2020393375
2020376801		2020386636	2020370161	2021206169	2020402049
2020376950	<b>A61K 35 /-</b>	2020386971	2020370874	<b>A61M 27 /-</b>	2020407853
2020377140	2020371562	2020393912	2020377140	2020379021	2020408173
2020378602	2020373899	2020394122	2020377525	2021206169	2020409588
2020378619	2020374884	2020394993	2020379040		2021207469
2020378647	2020387259	2020395122	2020384456	<b>A61M 31 /-</b>	<b>A61P 19 /-</b>
2020379709	2020388690	2020395318	2020385714	2020379040	
2020380404	2020391178	2020396896	2020387679		2020390378
2020381103	2020391460	2020397888	2020388330	<b>A61M 37 /-</b>	<b>A61P 21 /-</b>
2020381460	2020391511	2020398783	2020388894	2020391230	
2020383340	2020392222	2020399619	2020391230	2019479274	<b>A61P 25 /-</b>
2020383537	2020394215	2020410418	2020394709		
2020384041	2020394993	2020415307	2020395933	<b>A61M 39 /-</b>	2019479828
2020384456	2020395122	2021205877	2020396802	2020383316	2020370751
2020384481	2020395318		2020396802	2020383515	2020370958
2020384885	2020395612	<b>A61K 41 /-</b>	2020400048	2021206169	2020373859
2020384935	2020397893	2020387679	2020401226	2021212742	2020376801
2020385400	2020398783		2020403384	<b>A61M 5 /-</b>	2020378647
2020385518	2020402167	<b>A61K 45 /-</b>	2020406117	2019473403	2020381103
2020385714	2020402303	2020370958	2020408173	2020374165	2020381460
2020386066	2020402647	2020373899	2020409588	2020387424	2020383593
2020386519	2020421571	2020394122	2020410418	2020395124	2020387259
2020386903	2021207469	2020396033	2020417043	2020401298	2020390992
2020388330	<b>A61K 36 /-</b>	2020396190	2021207284	2020422420	2020392128
2020388894	2020370161	2020396919	2021317262	2021212742	2020393854
2020389144	2020383340	2020415307	<b>A61L 2 /-</b>		2020395082
2020390308	2020392212	2020421571	2020396802	<b>A61N 1 /-</b>	2020395113
2020390378	<b>A61K 38 /-</b>			2020370874	2020397508
2020390434	2020370288	2019479828	<b>A61L 24 /-</b>	2020396453	2020397746
2020390851	2020373859	2020372413	2020400048	2020407559	2020397888
2020390992	2020373899	2020379001	2020401226		2020403384
2020391161	2020376801	2020383593	2020403384	<b>A61N 5 /-</b>	2020405060
2020391230	2020378619	2020384456	2020406117	2020329429	2020421571
2020392087	2020378679	2020385714	2020408173	2020371599	2021207469
2020392128	2020391178	2020386971	2020409588		2021307014
2020392212	2020391230	2020387679	2020410418	<b>A61P 27 /-</b>	
2020393375	2020392222	2020388894	2020417043		
2020393384	2020394122	2020391623	2021207284	2020381460	
2020393854	2020394255	2020393375	2021207469		
2020394122	2020394255	2020394709			
2020394421	2020395122	2020395122	<b>A61L 27 /-</b>		
2020394498	2020395612	2020395122	2020378350		
2020394531	2020397424	2020395612	2020387679		
2020394709			2020393233		
2020395082			2021207469		
2020395397				<b>A61P 1 /-</b>	
2020395612				2020381460	
2020395783					



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

<b><u>A61P 29 /-</u></b>	2020393384 2020393854 2020393912 2020394122 2020394531 2020394993 2020395397 2020395612 2020395933 2020396033 2020396753 2020398783 2020399619	<b><u>A61Q 19 /-</u></b>	2019476738	<b><u>B01J 8 /-</u></b>	2020412238	<b><u>B23K 37 /-</u></b>	2020388435	<b><u>B29K 105 /-</u></b>	2020383077
2020370161 2020373859 2020384935 2020388894 2020390378 2020390992 2020392212 2020397746 2021207289	2020402167 2020403913 2020410410 2020410418 2020413997 2020414482 2021205877 2021207469	<b><u>A62C 31 /-</u></b>	2020416686	<b><u>B04B 1 /-</u></b>	2020386484	<b><u>B23K 9 /-</u></b>	2020388435	<b><u>B30B 9 /-</u></b>	2020436451
<b><u>A61P 3 /-</u></b>	2020372682 2020390308 2020390992 2020391161 2020392087 2020394255 2020406658 2020407365 2020408070 2021207469	<b><u>A62C 35 /-</u></b>	2020378816 2020406469	<b><u>B04B 7 /-</u></b>	2020386484	<b><u>B24C 5 /-</u></b>	2020399540	<b><u>B32B 15 /-</u></b>	2020392113
<b><u>A61P 31 /-</u></b>	2019479828 2020378282 2020390378 2020394122 2020394531 2020394993 2020395122 2020397746 2020398783 2020403913 2020415329 2020419444	<b><u>A62C 37 /-</u></b>	2020378816 2020396451	<b><u>B05B 1 /-</u></b>	2020396451 2020416686	<b><u>B25F 5 /-</u></b>	2020386630 2020389135	<b><u>B32B 21 /-</u></b>	2020407553
2020369512 2020371562 2020371792 2020380604 2020384885 2020385518 2020390434 2020390851 2020393854 2020394408 2020396996 2020402647 2020405540 2020414482 2020415307 2021207253	<b><u>A61P 37 /-</u></b>	<b><u>A63B 21 /-</u></b>	2020372185	<b><u>B05B 12 /-</u></b>	2020397056	<b><u>B25J 11 /-</u></b>	2020397700	<b><u>B32B 27 /-</u></b>	2020378633 2020415200
<b><u>A61P 33 /-</u></b>	2020396996 2020402647 2020405540 2020414482 2020415307 2021207253	<b><u>A63F 13 /-</u></b>	2020372185 2020401189	<b><u>B05B 13 /-</u></b>	2020397056	<b><u>B25J 15 /-</u></b>	2020380198	<b><u>B32B 3 /-</u></b>	2020415200
2020370161 2020404100	<b><u>A61P 43 /-</u></b>	<b><u>A63G 3 /-</u></b>	2020372185 2020401189	<b><u>B05B 3 /-</u></b>	2020396763	<b><u>B25J 5 /-</u></b>	2020397700	<b><u>B32B 5 /-</u></b>	2020383077 2020392113
<b><u>A61P 35 /-</u></b>	2021207469 2021208398	<b><u>A63G 7 /-</u></b>	2020384235	<b><u>B05D 1 /-</u></b>	2020392303	<b><u>B25J 9 /-</u></b>	2020369486 2020373346 2020375183	<b><u>B32B 7 /-</u></b>	2020392113
2019475409 2020371562 2020372682 2020372881 2020373899 2020374041 2020374150 2020375960 2020377140 2020378282 2020379176 2020379709 2020380412 2020384374 2020384481 2020386066 2020386091 2020386636 2020390308 2020390378 2020391178 2020391623	<b><u>A61P 49 /-</u></b>	<b><u>B01D 15 /-</u></b>	2020384235	<b><u>B05D 3 /-</u></b>	2020376218 2020377282	<b><u>B27N 3 /-</u></b>	2020407553	<b><u>B33Y 10 /-</u></b>	2020388435 2020392121 2020436451
<b><u>A61P 5 /-</u></b>	2020374963 2020380812 2020390992	<b><u>B01D 17 /-</u></b>	2020372397	<b><u>B05D 5 /-</u></b>	2020376218 2020377282	<b><u>B28B 13 /-</u></b>	2020401400	<b><u>B33Y 30 /-</u></b>	2020388435
<b><u>A61P 7 /-</u></b>	2020374963 2020380812 2020390992	<b><u>B01D 29 /-</u></b>	2020396802	<b><u>B08B 5 /-</u></b>	2020406094	<b><u>B28C 5 /-</u></b>	2020398385	<b><u>B33Y 80 /-</u></b>	2020436451
<b><u>A61P 9 /-</u></b>	2020390308 2020390992 2020391161 2020392087	<b><u>B01D 53 /-</u></b>	2020436451	<b><u>B21B 41 /-</u></b>	2020406094	<b><u>B28C 7 /-</u></b>	2020398385	<b><u>B42D 25 /-</u></b>	2020376218 2020377282
<b><u>A61Q 11 /-</u></b>	2020373264	<b><u>B01D 61 /-</u></b>	2020385696 2020399117 2020399999 2020409447 2020415622	<b><u>B22F 10 /-</u></b>	2020398385	<b><u>B29B 11 /-</u></b>	2020398385	<b><u>B44C 1 /-</u></b>	2020376218 2020377282
<b><u>A61Q 17 /-</u></b>	2020370161	<b><u>B01D 71 /-</u></b>	2020399117 2020399999 2020409447 2020415622	<b><u>B22F 12 /-</u></b>	2020388435	<b><u>B29C 33 /-</u></b>	2020383077	<b><u>B44C 3 /-</u></b>	2020370231
		<b><u>B01J 21 /-</u></b>	2020388435	<b><u>B23K 10 /-</u></b>	2020388435	<b><u>B29C 43 /-</u></b>	2019476056	<b><u>B44C 5 /-</u></b>	2020370231
		<b><u>B01J 23 /-</u></b>	2021232404	<b><u>B23K 15 /-</u></b>	2020388435	<b><u>B29C 48 /-</u></b>	2020383077	<b><u>B44F 1 /-</u></b>	2019472433 2020370231
			2020393869	<b><u>B23K 26 /-</u></b>	2020388435	<b><u>B29C 64 /-</u></b>	2020418549	<b><u>B60H 1 /-</u></b>	2019472433
			2020393869	<b><u>B23K 31 /-</u></b>	2020388435	<b><u>B29C 70 /-</u></b>	2020392303		2020395172
			2020412959		2020388435		2020383077		
			2020412959		2020388435				

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

<b><u>B60N 2 /-</u></b>	<b><u>B63C 1 /-</u></b>	<b><u>B65B 51 /-</u></b>	<b><u>B65F 1 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C07D 209 /-</u></b>
2020388822	2020392195	2020391338	2019477491	2020395697	2020378647 2020381103 2020389144
<b><u>B60T 7 /-</u></b>	<b><u>B63G 8 /-</u></b>	<b><u>B65B 55 /-</u></b>	<b><u>B65G 17 /-</u></b>	<b><u>C04B 14 /-</u></b>	<b><u>C07D 215 /-</u></b>
2020401950	2020394288	2020395799	2021206610	2020385989	2020393854
<b><u>B60W 30 /-</u></b>	<b><u>B63H 5 /-</u></b>	<b><u>B65B 57 /-</u></b>	<b><u>B65G 23 /-</u></b>	<b><u>C04B 24 /-</u></b>	<b><u>C07D 249 /-</u></b>
2020413943	2020391500	2020391338	2020410226	2020385989	2020391884 2020401369
<b><u>B60W 40 /-</u></b>	<b><u>B64C 27 /-</u></b>	<b><u>B65B 7 /-</u></b>	<b><u>B65G 43 /-</u></b>	<b><u>C05F 11 /-</u></b>	<b><u>C07D 257 /-</u></b>
2020397639 2020413943	2020391500 2020394206	2020391338	2020410226	2020405440	2020399182 2020399964
<b><u>B60W 60 /-</u></b>	<b><u>B64C 39 /-</u></b>	<b><u>B65D 1 /-</u></b>	<b><u>B65G 47 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07D 261 /-</u></b>
2020413943	2020391500 2020394206	2020411499	2020380198 2020397700	2020405440	2020390308 2020390992
<b><u>B61L 27 /-</u></b>	<b><u>B64D 1 /-</u></b>	<b><u>B65D 30 /-</u></b>	<b><u>B65H 16 /-</u></b>	<b><u>C05G 5 /-</u></b>	<b><u>C07C 233 /-</u></b>
2020398331	2020394206	2020377876	2020393015	2020405440	2020419444
<b><u>B62B 1 /-</u></b>	<b><u>B64D 17 /-</u></b>	<b><u>B65D 33 /-</u></b>	<b><u>B66B 25 /-</u></b>	<b><u>C07C 235 /-</u></b>	<b><u>C07D 277 /-</u></b>
2020377152	2020437694	2020377876 2020378440	2020388210	2020383340	2020386066
<b><u>B62B 3 /-</u></b>	<b><u>B64D 47 /-</u></b>	<b><u>B65D 37 /-</u></b>	<b><u>B66C 13 /-</u></b>	<b><u>C07C 259 /-</u></b>	<b><u>C07D 303 /-</u></b>
2020377152	2020394206	2020378440	2020394206	2020387122	2020423106
<b><u>B62B 5 /-</u></b>	<b><u>B65B 1 /-</u></b>	<b><u>B65D 39 /-</u></b>	<b><u>B66D 1 /-</u></b>	<b><u>C07C 309 /-</u></b>	<b><u>C07D 401 /-</u></b>
2020377152	2021269727	2019477537	2020394206	2020393854	2020372682 2020383593 2020384885 2020385400 2020394531 2020396753 2020401369
<b><u>B62D 1 /-</u></b>	<b><u>B65B 23 /-</u></b>	<b><u>B65D 41 /-</u></b>	<b><u>B67D 7 /-</u></b>	<b><u>C07C 323 /-</u></b>	<b><u>C07D 403 /-</u></b>
2020371777	2020397700	2019477537	2020393289	2020380404	2020381460 2020384885 2020393384
<b><u>B62D 15 /-</u></b>	<b><u>B65B 25 /-</u></b>	<b><u>B65D 43 /-</u></b>	<b><u>B82Y 15 /-</u></b>	<b><u>C07C 35 /-</u></b>	<b><u>C07D 405 /-</u></b>
2020371777	2020397700	2019477537	2020389020	2019476738	2020384885 2020397746
<b><u>B62D 49 /-</u></b>	<b><u>B65B 3 /-</u></b>	<b><u>B65D 51 /-</u></b>	<b><u>B82Y 40 /-</u></b>	<b><u>C07C 39 /-</u></b>	<b><u>C07D 413 /-</u></b>
2020413943	2020391338	2020393881 2020411499	2021232404	2020369512	2020372682 2020383593 2020390992
<b><u>B62D 55 /-</u></b>	<b><u>B65B 31 /-</u></b>	<b><u>B65D 53 /-</u></b>	<b><u>B82Y 5 /-</u></b>	<b><u>C07C 409 /-</u></b>	<b><u>C07D 417 /-</u></b>
2020392198	2020391338	2020393881	2020388330	2020417209	2020383593 2020390992
<b><u>B63B 1 /-</u></b>	<b><u>B65B 35 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C01B 17 /-</u></b>	<b><u>C07C 51 /-</u></b>	<b><u>C07D 419 /-</u></b>
2020385244	2020397700	2020378440 2020393881	2020399999	2020386366	2020372682 2020383593 2020390992
<b><u>B63B 21 /-</u></b>	<b><u>B65B 37 /-</u></b>	<b><u>B65D 75 /-</u></b>	<b><u>C01B 3 /-</u></b>	<b><u>C07C 55 /-</u></b>	<b><u>C07D 417 /-</u></b>
2020392195	2021269727	2020377876 2020378440	2020369293 2020412959	2020393854	2020383593 2020396753 2020413997
<b><u>B63B 22 /-</u></b>	<b><u>B65B 39 /-</u></b>	<b><u>B65D 83 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C07C 59 /-</u></b>	<b><u>C07D 471 /-</u></b>
2020393299 2020393300	2021269727	2020372823 2020411499	2021232404	2020386366	2020371635 2020372682 2020372881 2020375960 2020381460 2020384041 2020385400
<b><u>B63B 59 /-</u></b>	<b><u>B65B 43 /-</u></b>	<b><u>B65D 85 /-</u></b>	<b><u>C01B 33 /-</u></b>	<b><u>C07D 207 /-</u></b>	
2020392195	2020391338 2021269727	2020372823 2020409559	2020369293	2020396996 2020402049 2020419444	
<b><u>B63B 75 /-</u></b>	<b><u>B65B 5 /-</u></b>		<b><u>C02F 1 /-</u></b>		
2019474268	2020397700		2020389138 2021240845		

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2020390378	<b><u>C07H 3 /-</u></b>	2020403913	<b><u>C08L 23 /-</u></b>		<b><u>C12M 3 /-</u></b>
2020391161		2020405183		<b><u>C09J 197 /-</u></b>	
2020394379	2020391257	2020407853	2019477537		2020387177
2020404100		2020409583	2020405270	2020407553	
2020413997	<b><u>C07J 43 /-</u></b>	2020410410			<b><u>C12N 1 /-</u></b>
<b><u>C07D 477 /-</u></b>	2020384481	2021205877	<b><u>C08L 25 /-</u></b>	<b><u>C09K 5 /-</u></b>	2020387259
		2021207289		2020393340	2020392896
2020392704	<b><u>C07K 1 /-</u></b>	<b><u>C07K 19 /-</u></b>	2020381197		2020402990
<b><u>C07D 487 /-</u></b>	2020372397	2020372413	<b><u>C08L 3 /-</u></b>	<b><u>C09K 8 /-</u></b>	2020407634
	2020385637	2020373899	2020393931	2020399153	2021247977
2020370958	2020391285			2020428550	<b><u>C12N 11 /-</u></b>
2020371635		<b><u>C07K 5 /-</u></b>	<b><u>C08L 5 /-</u></b>	<b><u>C10B 53 /-</u></b>	2020395697
2020374041	<b><u>C07K 14 /-</u></b>	2020376801	2020393931		
2020380412				2020372383	<b><u>C12N 15 /-</u></b>
2020383593	2020370288		<b><u>C08L 53 /-</u></b>	2020392420	2020369454
2020385518	2020371294	<b><u>C07K 7 /-</u></b>			2020371294
2020386660	2020371792		2019477537	<b><u>C10B 57 /-</u></b>	2020372413
2020391161	2020372413	2020380412		2020372383	2020373859
2020392087	2020373859	2020388404	<b><u>C08L 63 /-</u></b>		2020373899
<b><u>C07D 491 /-</u></b>	2020373899	2020394122		<b><u>C10G 1 /-</u></b>	2020377355
	2020376937		2020407553		2020378619
2020390308	2020378282	<b><u>C08B 37 /-</u></b>		2020392420	2020380812
2020390992	2020378619	2020393931	<b><u>C08L 67 /-</u></b>		2020381876
2020392128	2020379171		2020409450	<b><u>C10G 19 /-</u></b>	2020384286
2020395397	2020379176	<b><u>C08F 290 /-</u></b>		2020392420	2020384935
<b><u>C07D 495 /-</u></b>	2020380588		<b><u>C08L 75 /-</u></b>		2020388330
	2020386636	2020410980		<b><u>C10G 2 /-</u></b>	2020388404
2020372682	2020388404	2020415309	2020381197		2020388690
<b><u>C07D 498 /-</u></b>	2020391178		<b><u>C08L 83 /-</u></b>	2020380421	2020389322
	2020391285	<b><u>C08G 18 /-</u></b>			2020391460
2020372881	2020392222		2020381197	<b><u>C10G 21 /-</u></b>	2020393434
2020375960	2020393912	2020410980		2020392420	2020393880
2020379709	2020394255	2020415309	<b><u>C08L 97 /-</u></b>		2020395113
2020391161	2020395122	2021216063		2020407553	2020395612
2020392087	2020397424		2020407553		2020397041
2020396996	2020398783	<b><u>C08G 65 /-</u></b>	<b><u>C09B 57 /-</u></b>	2020392420	2020398178
2020413997	2020402303				2020398783
<b><u>C07D 501 /-</u></b>	2020402990	2020404040	2020392704	<b><u>C10G 55 /-</u></b>	2020402526
	2020403250	2020419444		2020392420	2020403250
2020392704	2020404611	<b><u>C08H 7 /-</u></b>	<b><u>C09B 67 /-</u></b>		2020407048
<b><u>C07D 513 /-</u></b>	2020407365		2020392704	<b><u>C10G 9 /-</u></b>	2020426558
	2020408070	<b><u>C08J 11 /-</u></b>		2020392420	2021247977
2020392704	2020408139		<b><u>C09C 1 /-</u></b>		2021288230
<b><u>C07D 519 /-</u></b>	2021288230	<b><u>C08J 3 /-</u></b>	2020370246	2020392420	2021307014
		2020409450		<b><u>C10J 3 /-</u></b>	<b><u>C12N 5 /-</u></b>
2020392087	2019472821		<b><u>C09D 163 /-</u></b>	2020380421	2019476150
<b><u>C07D 519 /-</u></b>	2020370751	<b><u>C08J 9 /-</u></b>			2020370288
	2020371500	2020387679	2020407553	<b><u>C10L 1 /-</u></b>	2020371562
2020371635	2020371562			2019475309	2020373899
2020375960	2020373899	<b><u>C08J 9 /-</u></b>	<b><u>C09D 197 /-</u></b>		2020374884
2020379709	2020376937	2020410980		<b><u>C10L 10 /-</u></b>	2020380812
<b><u>C07F 9 /-</u></b>	2020377355	2020415309	2020407553		2020381537
	2020379001			2019475309	2020385249
2020405440	2020379171	<b><u>C08K 3 /-</u></b>	<b><u>C09D 5 /-</u></b>		2020387259
<b><u>C07G 1 /-</u></b>	2020379176			<b><u>C10L 3 /-</u></b>	2020388690
	2020380256	2020393931	2020385713		2020391178
2020407553	2020380588		<b><u>C09J 123 /-</u></b>	2020399117	2020391460
<b><u>C07H 1 /-</u></b>	2020382101	<b><u>C08K 5 /-</u></b>		2020399153	2020391511
	2020383527		<b><u>C09J 163 /-</u></b>		2020392222
2020391257	2020384374	2020393931		<b><u>C12M 1 /-</u></b>	2020393233
<b><u>C07H 21 /-</u></b>	2020386091	2020410980	2020407553		2020394993
	2020391623	2020415309		2020387177	2020396896
2020380812	2020392222	<b><u>C08L 1 /-</u></b>	<b><u>C09J 175 /-</u></b>	2020391460	2020397893
2020392185	2020393912			2020393233	2020402167
	2020394408	2020393931	2021216063	2020395697	2020402647
	2020396896			2020419442	2020415329
	2020397888				
	2020398045				
	2020399619				

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2021207469		<b><u>E02B 17 /-</u></b>	2020402048	<b><u>F01K 13 /-</u></b>	<b><u>F16B 37 /-</u></b>
<b><u>C12N 7 /-</u></b>	<b><u>C22B 15 /-</u></b>	2020392195	2020402998		
2020380604	2020376989		2020409630	2020384893	2020385696
2020402303	<b><u>C22B 3 /-</u></b>	<b><u>E02B 3 /-</u></b>	2021209133	<b><u>F01K 23 /-</u></b>	<b><u>F16B 5 /-</u></b>
<b><u>C12N 9 /-</u></b>	2020376989	2020381010	2021219240		
2020391178	<b><u>C22C 38 /-</u></b>	2020392195	<b><u>E21B 21 /-</u></b>	2020388091	2020367697
2020391285		2020392195		2020415622	
2020393434	2020411028	<b><u>E02C 1 /-</u></b>	2020396511	<b><u>F01K 25 /-</u></b>	<b><u>F16B 7 /-</u></b>
2020393880	2021259899	2020392195	2020405920		2020385696
2020397041	<b><u>C23C 24 /-</u></b>	<b><u>E02D 27 /-</u></b>	<b><u>E21B 23 /-</u></b>	2020384893	<b><u>F16D 23 /-</u></b>
2020397424		2019474268	2020369936	2020388091	
2020398425	2020385676		2020401277	<b><u>F01K 3 /-</u></b>	2020432208
2020403250		<b><u>E02F 3 /-</u></b>	2020402043	2020384893	<b><u>F16J 12 /-</u></b>
2020426558	<b><u>C23C 4 /-</u></b>	2021214930	2020402998	<b><u>F02G 5 /-</u></b>	2019476360
2021247977			2021209133		
2021288230	2020385676	<b><u>E21B 3 /-</u></b>	<b><u>E21B 3 /-</u></b>	2020415622	<b><u>F16J 13 /-</u></b>
<b><u>C12P 13 /-</u></b>	<b><u>C23C 8 /-</u></b>	<b><u>E02F 9 /-</u></b>	2020409630	<b><u>F02M 21 /-</u></b>	2019476360
2020398425	2020411028	2021235367	<b><u>E21B 33 /-</u></b>	2020390422	<b><u>F16L 13 /-</u></b>
2020426558		<b><u>E04B 2 /-</u></b>		<b><u>F03B 17 /-</u></b>	2020388644
<b><u>C12P 19 /-</u></b>	<b><u>C23F 13 /-</u></b>	2020379194	2020369936	2020432208	<b><u>F16L 33 /-</u></b>
2020395112	2020394288	<b><u>E04B 5 /-</u></b>	2020428550		
<b><u>C12P 21 /-</u></b>	<b><u>C25B 1 /-</u></b>	<b><u>E21B 34 /-</u></b>	2021209133	<b><u>F03D 1 /-</u></b>	2020386635
2020391285	2020380421	2020377447	<b><u>E21B 4 /-</u></b>	2020387700	2020388644
2020407634	2020393869	<b><u>E04C 5 /-</u></b>		<b><u>F03D 80 /-</u></b>	<b><u>F17C 13 /-</u></b>
2021247977	<b><u>C25B 13 /-</u></b>	2020377447	2020409630	2019476056	2020390422
<b><u>C12P 7 /-</u></b>	2020393869	<b><u>E04F 15 /-</u></b>	<b><u>E21B 41 /-</u></b>	<b><u>F03G 3 /-</u></b>	<b><u>F17C 7 /-</u></b>
2020402990	<b><u>C25B 3 /-</u></b>	2020415200		2020432208	2020390422
<b><u>C12Q 1 /-</u></b>	2020393869	<b><u>E04G 19 /-</u></b>	2020392507		<b><u>F17D 5 /-</u></b>
2020369151	<b><u>C25B 9 /-</u></b>	2020401400	2020396511	<b><u>F03G 7 /-</u></b>	2020380753
2020369205			2020401277	2020432208	2020394288
2020380588	2020393869	<b><u>E04H 17 /-</u></b>	2020402998		
2020380812		2020379194	2021209133	<b><u>F04B 43 /-</u></b>	<b><u>F23C 6 /-</u></b>
2020384286	<b><u>D03D 15 /-</u></b>		<b><u>E21B 43 /-</u></b>	2020369991	2020404402
2020386091		<b><u>E05B 15 /-</u></b>	2020396511		
2020389020	2020399650	2020397483	2020401273	<b><u>F04B 53 /-</u></b>	<b><u>F23C 7 /-</u></b>
2020389322	<b><u>D04B 21 /-</u></b>		2020401277	2020369991	2020404402
2020391488		<b><u>E05B 63 /-</u></b>	2020402048		
2020392185	2020399650	2020397483	2020428550	<b><u>F04C 5 /-</u></b>	<b><u>F23D 14 /-</u></b>
2020392704	<b><u>D04H 1 /-</u></b>		<b><u>E21B 47 /-</u></b>	2020369991	2020404402
2020395112		<b><u>E05B 65 /-</u></b>	2020386881		
2020402167	2019478717	2020397483	2020392885	<b><u>F04F 5 /-</u></b>	<b><u>F23G 5 /-</u></b>
2020402647	2019479041		<b><u>E21B 49 /-</u></b>	2020395172	2020372003
2020403276	<b><u>D06L 1 /-</u></b>	<b><u>E05F 15 /-</u></b>	2020396511	<b><u>F15B 19 /-</u></b>	<b><u>F23J 15 /-</u></b>
2020403786		2020400846	<b><u>E21B 7 /-</u></b>	2019471181	2020415622
2020412766	2020406965	2020403070	2020394287	<b><u>F16B 33 /-</u></b>	<b><u>F23L 7 /-</u></b>
2020413071	<b><u>D06M 13 /-</u></b>		<b><u>E21D 23 /-</u></b>	2020367697	2020404402
<b><u>C12R 1 /-</u></b>		<b><u>E21B 10 /-</u></b>	2020377014	<b><u>F16B 35 /-</u></b>	<b><u>F23L 9 /-</u></b>
2020392896	2020406965	2020405298		2020367697	2020404402
2020407634	<b><u>D06M 17 /-</u></b>		<b><u>E21F 5 /-</u></b>		
2021247977	2020383077	<b><u>E21B 17 /-</u></b>	2020377014	2020367697	
<b><u>C21C 5 /-</u></b>		2020369936			
2020398385	<b><u>E01F 8 /-</u></b>	2020401273			
<b><u>C21D 1 /-</u></b>	2020379194	2020401277			
2020411028		2020402043			

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<b><u>F23N 5 /-</u></b>	<b><u>G01M 11 /-</u></b>	<b><u>G01R 29 /-</u></b>	2020382689	2020382689	<b><u>G07D 9 /-</u></b>
2020404402	2021206028	2020394288	<b><u>G06F 21 /-</u></b>	2020385750	2020403450
<b><u>F24F 11 /-</u></b>	<b><u>G01M 3 /-</u></b>	<b><u>G01R 31 /-</u></b>	2020412566	2020396492	<b><u>G08B 25 /-</u></b>
2021209426	2019476360	2019472196	<b><u>G06F 3 /-</u></b>	2020401587	2020403706
<b><u>F24H 1 /-</u></b>	2020380753	2019473422	<b><u>G06Q 20 /-</u></b>	2021308941	<b><u>G08G 5 /-</u></b>
2020385987	2020391926	2020391512	2020369596	2020366015	<b><u>G08G 5 /-</u></b>
<b><u>F24S 30 /-</u></b>	<b><u>G01N 1 /-</u></b>	<b><u>G01S 15 /-</u></b>	2020392237	2020367793	2020393325
2020406061	2019476279	2020393299	2020393923	2020367794	2020396492
<b><u>F24S 40 /-</u></b>	<b><u>G01N 15 /-</u></b>	<b><u>G01S 7 /-</u></b>	2021240732	2020370497	2020440758
2020406061	2020385015	2020393299	<b><u>G06F 30 /-</u></b>	2020401138	<b><u>G09B 5 /-</u></b>
<b><u>F24S 50 /-</u></b>	<b><u>G01N 17 /-</u></b>	2020393300	2020391589	2020412566	<b><u>G09B 5 /-</u></b>
2020407929	2020394288	2020393000	<b><u>G06F 40 /-</u></b>	<b><u>G06Q 30 /-</u></b>	2020393923
<b><u>F25B 1 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G01T 1 /-</u></b>	2020378213	2020370497	<b><u>G09F 3 /-</u></b>
2020395172	2020372397	2020390867	2020386058	2020378973	2020377282
<b><u>F25B 41 /-</u></b>	2020385015	<b><u>G03H 1 /-</u></b>	2021315432	2020393925	<b><u>G09G 5 /-</u></b>
2020395172	<b><u>G01N 23 /-</u></b>	2020369596	<b><u>G06F 5 /-</u></b>	2021209389	<b><u>G09G 5 /-</u></b>
<b><u>F25B 9 /-</u></b>	<b><u>G01N 27 /-</u></b>	<b><u>G05B 13 /-</u></b>	2020385942	2021274466	2020369596
2020395172	2020387047	<b><u>G05B 15 /-</u></b>	<b><u>G06F 7 /-</u></b>	2021289313	<b><u>G10K 11 /-</u></b>
<b><u>F25D 23 /-</u></b>	<b><u>G01N 30 /-</u></b>	<b><u>G05B 19 /-</u></b>	2020385942	2020401138	<b><u>G10L 15 /-</u></b>
2020390925	2020371500	<b><u>G05B 15 /-</u></b>	<b><u>G06F 8 /-</u></b>	2021295948	<b><u>G10L 15 /-</u></b>
<b><u>F25D 25 /-</u></b>	<b><u>G01N 33 /-</u></b>	2020414768	2020412360	2021311376	2020405249
2020390925	2019476279	<b><u>G05D 1 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G06Q 50 /-</u></b>	2020405249
<b><u>F27B 9 /-</u></b>	2020370867	2020396451	2020393925	2019473422	<b><u>G10L 25 /-</u></b>
2020404402	2020371500	<b><u>G05B 19 /-</u></b>	<b><u>G06K 19 /-</u></b>	2020379834	<b><u>G10L 25 /-</u></b>
<b><u>F27D 19 /-</u></b>	2020372939	2020385750	2020376218	2020382689	2020405249
2020404402	2020374884	2020392303	2020393015	2020385942	<b><u>G16B 20 /-</u></b>
<b><u>F27D 99 /-</u></b>	2020378602	2020414768	2020376218	2021209389	2020369151
2020404402	2020383527	<b><u>G06F 1 /-</u></b>	2020393015	2020386866	2020384936
<b><u>F28D 20 /-</u></b>	2020391489	<b><u>G06F 11 /-</u></b>	<b><u>G06K 9 /-</u></b>	2020393925	2020391488
2020393340	2020392185	2020383350	2020389110	2020385942	2020398660
<b><u>G01C 19 /-</u></b>	2020392222	<b><u>G06F 12 /-</u></b>	2020415384	2020385942	2020402104
2020415534	2020392450	<b><u>G06F 16 /-</u></b>	2020418608	2021209389	2020408215
<b><u>G01D 3 /-</u></b>	2020392501	<b><u>G06F 17 /-</u></b>	2021289204	2020393925	<b><u>G16B 25 /-</u></b>
2019471181	2020392513	<b><u>G06F 17 /-</u></b>	<b><u>G06N 20 /-</u></b>	2020369596	<b><u>G16B 25 /-</u></b>
<b><u>G01H 3 /-</u></b>	2020395318	<b><u>G06F 17 /-</u></b>	2021289204	2020386866	2020398660
2020393300	2020396635	<b><u>G06F 17 /-</u></b>	2021308941	2020402644	2020403276
<b><u>G01L 7 /-</u></b>	2020402167	<b><u>G06F 17 /-</u></b>	2021318113	2020407662	<b><u>G16B 30 /-</u></b>
2019471181	2020402647	<b><u>G06F 17 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>G06T 5 /-</u></b>	<b><u>G16B 30 /-</u></b>
<b><u>G01P 15 /-</u></b>	2020414482	<b><u>G06F 17 /-</u></b>	2019473422	2021289204	2020369151
2020415534	2021307014	<b><u>G06F 17 /-</u></b>	2021289204	<b><u>G06T 7 /-</u></b>	2020408215
<b><u>G01P 3 /-</u></b>	<b><u>G01P 15 /-</u></b>	<b><u>G06F 17 /-</u></b>	<b><u>G06N 5 /-</u></b>	<b><u>G06T 7 /-</u></b>	2020391488
2020415534	2020415534	<b><u>G06F 17 /-</u></b>	2020378213	2020383493	2020408215
<b><u>G01H 3 /-</u></b>	<b><u>G01P 3 /-</u></b>	<b><u>G06F 17 /-</u></b>	2020385942	2020385015	<b><u>G16B 5 /-</u></b>
2020388210	2020415534	<b><u>G06F 17 /-</u></b>	2020379834	2020389110	2020385015
<b><u>G01R 1 /-</u></b>	<b><u>G01R 1 /-</u></b>	<b><u>G06F 17 /-</u></b>	2020389110	2020400331	<b><u>G16C 20 /-</u></b>
2020393300	2020388210	<b><u>G06F 17 /-</u></b>	2021296514	2020402644	2020368305
<b><u>G01L 7 /-</u></b>	2020391512	<b><u>G06F 17 /-</u></b>	2021308941	2020405407	<b><u>G16H 10 /-</u></b>
2019471181	2020391512	<b><u>G06F 17 /-</u></b>	<b><u>G06N 5 /-</u></b>	2020406470	<b><u>G16H 10 /-</u></b>
		<b><u>G06F 17 /-</u></b>	2021318113	2020407662	2020368305
		<b><u>G06F 17 /-</u></b>	2021353846	2020418608	<b><u>G16H 10 /-</u></b>
		<b><u>G06F 17 /-</u></b>	<b><u>G06Q 10 /-</u></b>	2021289204	2020388678
		<b><u>G06F 17 /-</u></b>	2020379834	2021296514	2020414730

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<b><u>G16H 15 /-</u></b>	2020391436	<b><u>H02J 1 /-</u></b>	<b><u>H03K 3 /-</u></b>	<b><u>H04N 21 /-</u></b>	<b><u>H05K 5 /-</u></b>
2020388678	<b><u>H01L 39 /-</u></b>	2020403281	2020421622	2020393923	2020389135
<b><u>G16H 20 /-</u></b>	2021211858	<b><u>H02J 13 /-</u></b>	<b><u>H04B 1 /-</u></b>	2020404895	<b><u>H05K 7 /-</u></b>
2020384936	<b><u>H01L 51 /-</u></b>	2019475323	2020386630	2021330320	2020367697
2020398171	2020391508	2020391193	2020389135	<b><u>H04Q 3 /-</u></b>	<b><u>H05K 9 /-</u></b>
2020420676	2020393864	<b><u>H02J 3 /-</u></b>	<b><u>H04B 5 /-</u></b>	2020402208	2020389135
<b><u>G16H 30 /-</u></b>	2020394379	2019475323	2020386630	<b><u>H04Q 9 /-</u></b>	2020392713
2020402104	<b><u>H01M 10 /-</u></b>	2020391589	2020389135	2020380536	
2021296514	2020387281	<b><u>H02J 50 /-</u></b>	<b><u>H04B 7 /-</u></b>	<b><u>H04R 1 /-</u></b>	
<b><u>G16H 40 /-</u></b>	2020388682	2020383938	2020369979	2019478068	
2020391108	2020405145	2020420678	2021206279	2020393036	
<b><u>G16H 50 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04L 1 /-</u></b>	2020420678	
2020378602	2020386443	2020403281	2020371527	<b><u>H04R 25 /-</u></b>	
2020398171	2020386444	2020413241	2020378394	2019478068	
2020402104	2020386893	<b><u>H02K 1 /-</u></b>	<b><u>H04L 12 /-</u></b>	<b><u>H04R 29 /-</u></b>	
2020403276	2020387281	2020387700	2019471690	2021261641	
2020414730	2020388682	2020400846	2020366015	<b><u>H04R 5 /-</u></b>	
2021261641	<b><u>H01M 8 /-</u></b>	2020403070	2020367793	2020393036	
2021296514	2019473368	<b><u>H02K 11 /-</u></b>	2020367794	2020420678	
<b><u>G16Y 30 /-</u></b>	2020385696	2020421622	2020378947		
2020379834	<b><u>H01Q 1 /-</u></b>	<b><u>H02K 15 /-</u></b>	2020379793	<b><u>H04R 9 /-</u></b>	
2020380107	2020375372	2020403070	2020380107	2019478068	
<b><u>G16Y 40 /-</u></b>	2020389135	<b><u>H02K 16 /-</u></b>	<b><u>H04L 41 /-</u></b>	<b><u>H04S 7 /-</u></b>	
2020378947	<b><u>H01Q 3 /-</u></b>	2020421622	2020366015	2020405579	
<b><u>H01F 38 /-</u></b>	2021206279	<b><u>H02K 3 /-</u></b>	2020378947	<b><u>H04W 12 /-</u></b>	
2020420678	<b><u>H01R 13 /-</u></b>	2020421622	2020392328	2020366015	
<b><u>H01H 3 /-</u></b>	2020393921	<b><u>H02K 39 /-</u></b>	<b><u>H04L 43 /-</u></b>	2020367793	
2020404485	<b><u>H01R 4 /-</u></b>	2020421622	2020367794	2020367794	
<b><u>H01H 71 /-</u></b>	2020393921	<b><u>H02K 5 /-</u></b>	<b><u>H04L 45 /-</u></b>	2020367794	
2020390079	<b><u>H01R 9 /-</u></b>	2020421622	2020391414	2020405942	
2020396985	2020409099	<b><u>H02K 53 /-</u></b>	2020392328	<b><u>H04W 24 /-</u></b>	
<b><u>H01H 73 /-</u></b>	<b><u>H02B 1 /-</u></b>	2020385696	<b><u>H04L 67 /-</u></b>	2020379793	
2020390079	2020369491	2020400846	2020380107	2020420706	
2021307338	<b><u>H02B 11 /-</u></b>	<b><u>H02K 7 /-</u></b>	<b><u>H04L 69 /-</u></b>	<b><u>H04W 4 /-</u></b>	
<b><u>H01H 83 /-</u></b>	2021307338	2020432208	2020380107	2020367793	
2020390079	<b><u>H02B 3 /-</u></b>	<b><u>H02K 7 /-</u></b>	<b><u>H04L 9 /-</u></b>	2020380107	
<b><u>H01H 9 /-</u></b>	2021307338	2020400846	2020370497	2020440758	
2021307338	<b><u>H02G 3 /-</u></b>	2020421622	2020405942	<b><u>H04W 64 /-</u></b>	
<b><u>H01L 21 /-</u></b>	<b><u>H02H 1 /-</u></b>	<b><u>H02S 20 /-</u></b>	<b><u>H04M 1 /-</u></b>	2020420706	
2020400286	2020388219	2020407929	2020402208	<b><u>H04W 76 /-</u></b>	
<b><u>H01L 29 /-</u></b>	<b><u>H02H 11 /-</u></b>	<b><u>H02S 40 /-</u></b>	<b><u>H04M 15 /-</u></b>	2020367793	
2020400286	2019473422	2020391589	2020366015	<b><u>H04W 84 /-</u></b>	
<b><u>H01L 31 /-</u></b>	<b><u>H02H 11 /-</u></b>	<b><u>H02S 50 /-</u></b>	2020367793	2020378947	
2019475453	2020411713	2020391512	2020367794	<b><u>H05B 3 /-</u></b>	
			2020402208	2020385987	

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**A01H 1/02** ( 2006.01 )  
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**(74)** Pini IP
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**(51)** Int. Cl.

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**B60Q 1/26** ( 2006.01 )  
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**G01S 19/01** ( 2010.01 )  
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**H04W 72/04** ( 2009.01 )  
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**(51)** Int. Cl.  
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**A23D 7/005** ( 2006.01 )  
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**A23L 9/10** ( 2016.01 )  
**A23L 23/00** ( 2016.01 )  
**A23L 29/212** ( 2016.01 )  
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 FOR USE IN GRAPHENE PRODUC-  
 TION  
**(51)** Int. Cl.  
**C25B 1/00** ( 2006.01 )  
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**(11)** AU-B-2020203251  
**(21)** 2020203251 **(22)** 19.05.2020  
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 CROSTRUCTURES FOR HUMIDIFIC-  
 ATION AND CONDENSATE MANAGE-  
 MENT  
**(51)** Int. Cl.  
**A61M 16/00** ( 2006.01 )  
**A61M 16/10** ( 2006.01 )  
**A61M 16/16** ( 2006.01 )  
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 ents of a concrete for deconstruction  
**(51)** Int. Cl.  
**B02C 17/18** ( 2006.01 )  
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**C04B 18/16** ( 2006.01 )  
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 François; FRUCHART, Alain;  
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 ung der angewandten Forschung e.V.;  
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**(21)** 2019276071 **(22)** 28.05.2019  
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 ario in a sports game  
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**G16H 20/30** ( 2018.01 )  
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 Nikolaj; COURONNÉ, Sylvie  
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**(54)** Closed loop dialysis treatment using  
 adaptive ultrafiltration rates  
**(51)** Int. Cl.  
**A61B 5/145** ( 2006.01 )  
**A61M 1/36** ( 2006.01 )  
**B01D 61/32** ( 2006.01 )  
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 Yuds, David; Merics, Tom; Dowd, Joan  
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 ment of cancer  
**(51)** Int. Cl.  
**C07K 14/82** ( 2006.01 )  
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 ments to create orderly multimerized  
 immunoglobulin Fc compositions with  
 enhanced complement binding  
**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
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**(74)** Allens Patent & Trade Mark Attorneys

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**(54)** Motorized wheel assembly with quick  
 release  
**(51)** Int. Cl.  
**B60K 7/00** ( 2006.01 )  
**A63C 17/01** ( 2006.01 )  
**A63C 17/12** ( 2006.01 )  
**B60B 27/06** ( 2006.01 )  
**B60B 35/08** ( 2006.01 )  
**B60K 1/00** ( 2006.01 )  
**(43)** 04.11.2021  
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**(74)** FB Rice Pty Ltd

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**(21)** 2017200739 **(22)** 03.02.2017  
**(54)** FLUID PUMP LEAKAGE DIVERSION  
**(51)** Int. Cl.  
**F04B 53/14** ( 2006.01 )  
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**(43)** 24.08.2017  
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 Lins, Christopher A.; Mulgrew, Brian M.  
**(74)** Spruson & Ferguson

**(71)** Gree Electric Appliances, Inc., of  
 Zhuhai  
**(11)** AU-B-2019384229  
**(21)** 2019384229 **(22)** 22.07.2019  
**(54)** Direct current electric appliance control  
 method and direct current electric appli-  
 ance  
**(51)** Int. Cl.  
**G01R 31/00** ( 2006.01 )  
**(87)** WO2020/103481  
**(31)** 201811378033.4 **(32)** 19.11.18 **(33)** CN  
**(43)** 28.05.2020  
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**(72)** WANG, Jing; JIANG, Shiyong; LIU,  
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 REN, Peng  
**(74)** Madderns Pty Ltd

**(71)** Gree Electric Appliances, Inc. of Zhuhai  
**(11)** AU-B-2018444979  
**(21)** 2018444979 **(22)** 20.12.2018  
**(54)** Control method, load and power gird  
 system  
**(51)** Int. Cl.  
**H02J 1/00** ( 2006.01 )  
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 (51) Int. Cl.  
*F21V 17/10* ( 2006.01 )  
*F21W 131/103* ( 2006.01 )  
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**E21B 47/00** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
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**G06F 9/48** ( 2006.01 )

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**G06F 11/30** ( 2006.01 )

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**E04C 2/32** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(74)** Adrian M Trioli Patent and Trade Mark Attorney

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**(51)** Int. Cl.  
**H01M 8/18** ( 2006.01 )  
**H01M 4/86** ( 2006.01 )  
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**B25B 23/04** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07K 16/18** ( 2006.01 )  
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     **B25B 13/46** ( 2006.01 )  
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     **E04C 3/32** ( 2006.01 )  
     **E04G 5/06** ( 2006.01 )  
     **E04G 7/04** ( 2006.01 )  
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     **F16B 9/00** ( 2006.01 )  
     **F16L 3/08** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College  
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*A61F 9/00* ( 2006.01 )  
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*A61K 9/00* ( 2006.01 )  
*A61K 9/51* ( 2006.01 )  
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*G06Q 10/00* ( 2006.01 )  
*G06Q 10/10* ( 2012.01 )  
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*G06F 40/20* ( 2020.01 )  
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 (74) Churchill Attorneys

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 (51) Int. Cl.  
*A61L 2/14* ( 2006.01 )  
*A61L 2/18* ( 2006.01 )  
*A61L 2/20* ( 2006.01 )  
*A61L 2/22* ( 2006.01 )  
*A61L 9/14* ( 2006.01 )  
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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*G06F 16/587* ( 2019.01 )  
*A01G 23/00* ( 2006.01 )  
*B07C 5/14* ( 2006.01 )  
*G01N 21/84* ( 2006.01 )  
*G06Q 50/28* ( 2012.01 )  
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 (74) Collison & Co

Trustees of Dartmouth College see VIB Vzw  
 (21) 2016277887

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 (51) Int. Cl.  
*A23G 9/50* ( 2006.01 )  
*B65D 75/58* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

Unilumin Group Co., Ltd. see Guangdong Unilumin Energy Saving Technology Co., Ltd  
 (21) 2019371560

Universite de Strasbourg see Spedding Research Solutions  
 (21) 2017251256

Universiteit Gent see VIB Vzw  
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 (21) 2018244162 (22) 28.03.2018  
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*C07D 233/96* ( 2006.01 )  
*A61K 31/515* ( 2006.01 )  
*A61P 31/00* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (11) AU-B-2020200782  
 (21) 2020200782 (22) 04.02.2020  
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 (51) Int. Cl.  
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*C07K 14/065* ( 2006.01 )  
 (43) 20.02.2020  
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 (72) MCFADDEN, Grant; LEWIN, Alfred S.; LUCAS, Alexandra R.; ILDEFONSO, Crithian J.; RAHMAN, Mohammed Masmudur  
 (74) Davies Collison Cave Pty Ltd

(71) Veridium IP Limited  
 (11) AU-B-2017370720  
 (21) 2017370720 (22) 08.12.2017  
 (54) Systems and methods for performing fingerprint based user authentication using imagery captured using mobile devices  
 (51) Int. Cl.  
*G06V 40/12* ( 2022.01 )  
*G06K 9/62* ( 2022.01 )  
*G06N 3/04* ( 2006.01 )  
*G06V 10/75* ( 2022.01 )  
*G06V 10/82* ( 2022.01 )  
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 (74) AJ PARK

(71) Veriphi Limited  
 (11) AU-B-2017247035  
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 (51) Int. Cl.  
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*C07K 16/10* ( 2006.01 )  
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*A61K 39/12* ( 2006.01 )  
*A61P 31/14* ( 2006.01 )  
 (87) WO2016/203052  
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 (51) Int. Cl.  
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*A61P 25/32* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.  
*A63B 5/00* ( 2006.01 )  
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 (72) Andon, Joe  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Warsaw Orthopedic, Inc.  
 (11) AU-B-2017245370  
 (21) 2017245370 (22) 12.10.2017

Applications Accepted - Name Index cont'd

(54) Expandable spinal implant system with a biased tip and method of using same  
 (51) Int. Cl.  
**A61F 2/28** ( 2006.01 )  
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 (43) 17.05.2018  
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 (74) FB Rice Pty Ltd

(71) Welltec A/S  
 (11) AU-B-2019394726  
 (21) 2019394726 (22) 05.12.2019  
 (54) Downhole tool with a long projecting extension  
 (51) Int. Cl.  
**E21B 23/01** ( 2006.01 )  
 (87) WO2020/115187  
 (31) 18210801.9 (32) 06.12.18 (33) EP  
 (43) 11.06.2020  
 (44) 09.06.2022  
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(71) WineMill Oy; Gauffin, S.  
 (11) AU-B-2017369762  
 (21) 2017369762 (22) 29.11.2017  
 (54) Apparatus and method for alcoholic beverage dealcoholization  
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**C12G 3/08** ( 2006.01 )  
**B01D 3/10** ( 2006.01 )  
**C12H 3/02** ( 2006.01 )  
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(71) Wings Therapeutics, Inc.  
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 (21) 2016265457 (22) 20.05.2016  
 (54) Antisense oligonucleotides to treat dystrophic epidermolysis bullosa  
 (51) Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**A61K 31/7088** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
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 (31) 1508733.1 (32) 21.05.15 (33) GB  
 1516505.3 17.09.15 GB  
 (43) 24.11.2016  
 (44) 09.06.2022  
 (72) Haisma, Elisabeth Marlene; Potman, Marko; Platenburg, Gerardus Johannes  
 (74) Jones Tulloch

(71) Zambon S.p.A.  
 (11) AU-B-2017262701  
 (21) 2017262701 (22) 08.05.2017  
 (54) Method, communication system and computer program for providing inform-

ation indicative of concentration of allergens in the environment  
 (51) Int. Cl.  
**G06F 17/00** ( 2019.01 )  
 (87) WO2017/194447  
 (31) 102016000048486 (32) 11.05.16 (33) IT  
 (43) 16.11.2017  
 (44) 09.06.2022  
 (72) Muzio, Massimiliano  
 (74) Murray Trento & Associates Pty Ltd

(71) Zebra Technologies Corporation  
 (11) AU-B-2020289828  
 (21) 2020289828 (22) 17.12.2020  
 (54) Methods and apparatus to image objects using docked handheld imagers  
 (51) Int. Cl.  
**G06K 7/10** ( 2006.01 )  
 (31) 16/774,115 (32) 28.01.20 (33) US  
 (43) 12.08.2021  
 (44) 09.06.2022  
 (72) TORZILLI, Charles  
 (74) Spruson & Ferguson

(71) Zodiac Pool Care Europe  
 (11) AU-B-2018307880  
 (21) 2018307880 (22) 26.07.2018  
 (54) Automatic swimming pool cleaners with filter-loading indicators  
 (51) Int. Cl.  
**E04H 4/16** ( 2006.01 )  
 (87) WO2019/021245  
 (31) 62/537,601 (32) 27.07.17 (33) US  
 (43) 31.01.2019  
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 (72) PICHON, Philippe; MCQUEEN, E. Keith  
 (74) FB Rice Pty Ltd



Numerical Index

<b>2015258283</b>	Etex Australia Pty Ltd	<b>2017320858</b>	PepsiCo, Inc.
<b>2015413335</b>	Halliburton Energy Services, Inc.	<b>2017329457</b>	SIGVARIS AG
<b>2016216678</b>	One Water Naturally Pty. Ltd.	<b>2017332549</b>	Qualcomm Incorporated
<b>2016235208</b>	Bayer CropScience LP	<b>2017348288</b>	MonoSol, LLC
<b>2016265457</b>	Wings Therapeutics, Inc.	<b>2017353454</b>	Panasonic Intellectual Property Corporation of America
<b>2016267393</b>	La Trobe University	<b>2017360025</b>	DSM IP Assets B.V.
<b>2016270793</b>	Memorial Sloan-Kettering Cancer Center	<b>2017365083</b>	BASF SE
<b>2016277887</b>	VIB Vzw; Universiteit Gent; The United States of America, as Represented by the Secretary, Department of Health and Human Services; Trustees of Dartmouth College	<b>2017368708</b>	Qualcomm Incorporated
		<b>2017369762</b>	WineMill Oy; Gauffin, S.
		<b>2017370720</b>	Veridium IP Limited
<b>2016278242</b>	AbSci, LLC	<b>2017382163</b>	Illumina Cambridge Limited; Illumina, Inc.
<b>2016289682</b>	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	<b>2017382202</b>	Illumina Cambridge Limited; Illumina, Inc.
<b>2016297862</b>	Gliknik Inc.	<b>2017396514</b>	Qualcomm Incorporated
<b>2016308724</b>	Arvos Ljungstrom LLC	<b>2017401564</b>	Halliburton Energy Services, Inc.
<b>2016309954</b>	Coogee Titanium Pty Ltd	<b>2017408643</b>	Halliburton Energy Services, Inc.
<b>2016310494</b>	Alnylam Pharmaceuticals, Inc.	<b>2017440765</b>	ABB Schweiz AG; Hitachi Energy Switzerland AG
<b>2016333155</b>	Roy Morgan Research Ltd	<b>2018200486</b>	The Boeing Company
<b>2016342268</b>	Rapid Pathogen Screening, Inc.	<b>2018200534</b>	RESILIENZE FOR LIFE PTY LTD
<b>2016349439</b>	Villey, I.; Mapreg	<b>2018200879</b>	The Boeing Company
<b>2016358051</b>	Baron Innovative Technology LP	<b>2018201650</b>	First Graphene Ltd
<b>2016362218</b>	Caterpillar Inc.	<b>2018203468</b>	Samsonite IP Holdings S.à r.l.
<b>2016362424</b>	Air Liquide Advanced Technologies, U.S. LLC	<b>2018203766</b>	CRAYOLA LLC
<b>2016362825</b>	Simpson Strong-Tie Company, Inc.	<b>2018214491</b>	Qualcomm Incorporated
<b>2016364626</b>	Pavement Analytics Limited	<b>2018215307</b>	NTT DOCOMO, INC.
<b>2016373451</b>	Hovione Scientia Limited	<b>2018216827</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited
<b>2016375866</b>	NuCana plc	<b>2018224009</b>	Raytheon Company
<b>2016385128</b>	Thornton, A.; Thornton, J.	<b>2018224036</b>	Duke University
<b>2017200554</b>	McRobert, C.	<b>2018238226</b>	INL - International Iberian Nanotechnology Laboratory
<b>2017200739</b>	Graco Minnesota Inc.	<b>2018244162</b>	Universitetet i Tromsø - Norges arktiske universitet
<b>2017201434</b>	Vuly IP Holdings No. 2 Pty Ltd	<b>2018265772</b>	Locata Corporation Pty Ltd
<b>2017204001</b>	Caterpillar Inc.	<b>2018270241</b>	Thomson Reuters Enterprise Centre GmbH
<b>2017226876</b>	Diodon Drone Technology	<b>2018289986</b>	RTX A/S
<b>2017227087</b>	Cryovac, LLC	<b>2018301292</b>	Guardian Glass, LLC
<b>2017230123</b>	Belanger, Inc.	<b>2018301401</b>	Hollister Incorporated
<b>2017230727</b>	ConocoPhillips Company	<b>2018306609</b>	HBI Branded Apparel Enterprises, LLC
<b>2017233234</b>	Pulpac AB	<b>2018307880</b>	Zodiac Pool Care Europe
<b>2017235845</b>	Oxular Limited	<b>2018330126</b>	Samsung Electronics Co., Ltd.
<b>2017241933</b>	Scorboard, LLC	<b>2018330128</b>	LG Electronics Inc.
<b>2017245370</b>	Warsaw Orthopedic, Inc.	<b>2018334515</b>	Corn Products Development, Inc.; Ingredient Singapore Pte. Ltd.
<b>2017247035</b>	Veriphi Limited	<b>2018338768</b>	SICPA HOLDING SA
<b>2017249418</b>	McConway & Torley, LLC	<b>2018371010</b>	Bristol-Myers Squibb Company
<b>2017251256</b>	Spedding Research Solutions; Universite de Strasbourg; Inserm - Institut National de la Santé Et de la Recherche Médicale	<b>2018381974</b>	JFE Steel Corporation
		<b>2018427606</b>	Mitsubishi Electric Corporation
<b>2017253492</b>	Pall Corporation	<b>2018444521</b>	Razer (Asia-Pacific) Pte. Ltd.
<b>2017260255</b>	Siebert, J.	<b>2018444979</b>	Gree Electric Appliances, Inc. of Zhuhai
<b>2017262701</b>	Zambon S.p.A.	<b>2018448166</b>	China University of Mining&Technology , Beijing
<b>2017264642</b>	Société des Produits Nestlé S.A.	<b>2018449735</b>	Dalian Institute of Chemical Physics, Chinese Academy of Sciences
<b>2017266836</b>	Sencio B.V.	<b>2019204129</b>	Nemaska Lithium Inc.
<b>2017269322</b>	Thomson Reuters Enterprise Centre GmbH	<b>2019207534</b>	EpiAxis Therapeutics Pty Ltd
<b>2017274420</b>	Anatrope, Inc.	<b>2019207760</b>	Rijk Zwaan Zaadteelt en Zaadhandel B.V.
<b>2017276777</b>	Schneider Electric Industries SAS	<b>2019228266</b>	Siemens Aktiengesellschaft
<b>2017278133</b>	Stryker Corporation	<b>2019241462</b>	Nicoventures Trading Limited
<b>2017280352</b>	Schneider Electric Systems USA, Inc.	<b>2019259793</b>	Pastificio Rana S.p.A.
<b>2017285884</b>	Epiroc Rock Drills Aktiebolag	<b>2019267190</b>	Telefonaktiebolaget LM Ericsson (publ)
<b>2017286831</b>	Eit Emerging Implant Technologies GmbH	<b>2019268578</b>	Tracy of Sweden AB
<b>2017288641</b>	Hoya Corporation	<b>2019270066</b>	LG Electronics Inc.
<b>2017288932</b>	The United States of America, as represented by the Secretary of Agriculture; The University of Connecticut	<b>2019274107</b>	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co.,Ltd.
<b>2017295000</b>	Dermapharm AG	<b>2019274665</b>	Nokia Technologies Oy
<b>2017295071</b>	Fundació Privada Institut D'investigació Oncològica De Vall Hebron; Fundació Privada Institució Catalana De Recerca I Estudis Avançats	<b>2019276071</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.; NEXT11 TECHNOLOGIES
<b>2017299775</b>	Superior Industries, Inc.	<b>2019277415</b>	Nippon Telegraph and Telephone Corporation
<b>2017304764</b>	First Graphene Limited	<b>2019280076</b>	Beckman Coulter, Inc.
<b>2017307401</b>	Amplifon S.p.A.		
<b>2017311575</b>	4C Medical Technologies, Inc.		

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<b>2019280394</b>	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College; The Rockefeller University	<b>2021203737</b>	Stonelake Pty. Ltd.
<b>2019283878</b>	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	<b>2021203903</b>	Apple Inc.
<b>2019300119</b>	Adler Ortho S.P.A.; I-Ethos Medical Ltd	<b>2021245199</b>	Globe International Nominees Pty Ltd
<b>2019307911</b>	The USA, As Represented By The Secretary, Dept. Of Health And Human Services	<b>2021286452</b>	Lam, T.T.
<b>2019310992</b>	Rite-Hite Holding Corporation	<b>2021356733</b>	Nucleotrace Pty. Ltd.
<b>2019313136</b>	i-SENS, Inc.	<b>2022202376</b>	Tableau Software, Inc.
<b>2019314013</b>	i-SENS, Inc.		
<b>2019323366</b>	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.; Haier US Appliance Solutions, Inc.		
<b>2019331368</b>	Advanced Messaging Technologies, Inc.		
<b>2019338402</b>	JCM American Corporation		
<b>2019340569</b>	AstraZeneca AB; Hutchison MediPharma Limited		
<b>2019343251</b>	Innovent Biologics (Suzhou) Co., Ltd.		
<b>2019352059</b>	Unilever IP Holdings B.V.		
<b>2019352596</b>	Hitachi Energy Switzerland AG; ABB Schweiz AG		
<b>2019355930</b>	Rite-Hite Holding Corporation		
<b>2019357686</b>	China Railway Construction Heavy Industry Corporation Limited		
<b>2019371560</b>	Guangdong Unilumin Energy Saving Technology Co., Ltd; Unilumin Group Co., Ltd.		
<b>2019376649</b>	N3, LLC		
<b>2019384229</b>	Gree Electric Appliances, Inc., of Zhuhai		
<b>2019394726</b>	Welltec A/S		
<b>2019418812</b>	Blackmore Sensors & Analytics, LLC.		
<b>2019435643</b>	Henan Genuine Biotech Co., Ltd.		
<b>2019456662</b>	Beijing Zhongkuang Innovation Alliance Energy Environment Science Academy		
<b>2020200162</b>	ARB Corporation Ltd		
<b>2020200588</b>	SCHLUMBERGER NORGE AS		
<b>2020200782</b>	University of Florida Research Foundation, Inc.		
<b>2020202738</b>	Takeda Pharmaceutical Company Limited		
<b>2020203251</b>	Fisher & Paykel Healthcare Limited		
<b>2020207851</b>	LG Electronics Inc.		
<b>2020207853</b>	LG Electronics Inc.		
<b>2020213322</b>	Aquestive Therapeutics, Inc.		
<b>2020213385</b>	CROWN EQUIPMENT CORPORATION		
<b>2020217354</b>	Apple Inc.		
<b>2020221273</b>	Citrix Systems, Inc.		
<b>2020223663</b>	Johnston, R.; Johnston, K.		
<b>2020230261</b>	Suntory Holdings Limited		
<b>2020239749</b>	Apple Inc.		
<b>2020250243</b>	Snap-on Incorporated		
<b>2020256337</b>	Cidara Therapeutics, Inc.		
<b>2020257043</b>	Tomi Environmental Solutions, Inc.		
<b>2020267162</b>	Acerus Pharmaceuticals SRL		
<b>2020273352</b>	Apple Inc.		
<b>2020273358</b>	HONEYWELL INTERNATIONAL INC.		
<b>2020281066</b>	Snap-on Incorporated		
<b>2020286162</b>	KOYO GIKEN Inc.		
<b>2020286168</b>	Oncocetucs, Inc.		
<b>2020286194</b>	Fresenius Medical Care Holdings, Inc.		
<b>2020289828</b>	Zebra Technologies Corporation		
<b>2020338470</b>	Mizkan Holdings Co., Ltd.		
<b>2020342592</b>	Fives FCB		
<b>2020346810</b>	Cabbacis LLC		
<b>2020371558</b>	BCI Mining Technology Pty Ltd		
<b>2020396537</b>	S&C Electric Company		
<b>2021200416</b>	Singh Molecular Medicine, LLC		
<b>2021200509</b>	ServiceNow, Inc.		
<b>2021200962</b>	Adobe Inc.		
<b>2021201804</b>	Juganu Ltd.		
<b>2021201821</b>	Prince, T.L.		
<b>2021202036</b>	Magic Leap, Inc.		
<b>2021202213</b>	LEASEN STEEL INTERNATIONAL PTY LTD		
<b>2021202338</b>	Angel Group Co., Ltd.		
<b>2021202479</b>	Magic Leap, Inc.		
<b>2021202697</b>	JT International SA		
<b>2021203669</b>	Apple Inc.		

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2019268578	2020338470	2016265457	2019241462	2021245199	2017299775
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2016289682	2020346810	2016375866	2018301401	<b><u>A63F 3 /-</u></b>	2020257043
<b><u>A01N 37 /-</u></b>	<b><u>A24F 47 /-</u></b>	2017251256	<b><u>A61M 5 /-</u></b>	2018200534	<b><u>B22C 9 /-</u></b>
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<b><u>A01N 59 /-</u></b>	2021202697	2018244162	<b><u>A61N 1 /-</u></b>	2018200534	<b><u>B23K 26 /-</u></b>
2019207760	<b><u>A41B 11 /-</u></b>	2018371010	2019307911	<b><u>B01D 21 /-</u></b>	2018301292
<b><u>A01N 63 /-</u></b>	2018306609	2019435643	<b><u>A61P 17 /-</u></b>	2016216678	<b><u>B23K 37 /-</u></b>
2016235208	<b><u>A45C 13 /-</u></b>	2020267162	2016265457	<b><u>B01D 3 /-</u></b>	2017200554
<b><u>A01P 3 /-</u></b>	2018203468	2020256337	<b><u>A61P 25 /-</u></b>	2016309954	<b><u>B25B 13 /-</u></b>
2019207760	<b><u>A45C 5 /-</u></b>	<b><u>A61K 35 /-</u></b>	2016297862	2017369762	2020250243
<b><u>A23C 9 /-</u></b>	2018203468	2020286168	2016349439	<b><u>B01D 53 /-</u></b>	<b><u>B25B 23 /-</u></b>
2018334515	<b><u>A47J 27 /-</u></b>	<b><u>A61K 39 /-</u></b>	2017251256	2016362424	2016362825
<b><u>A23D 7 /-</u></b>	2019259793	2016277887	<b><u>A61P 29 /-</u></b>	<b><u>B01D 61 /-</u></b>	2020250243
2018334515	<b><u>A61B 17 /-</u></b>	2016297862	2018371010	2016362424	<b><u>B25B 5 /-</u></b>
<b><u>A23G 9 /-</u></b>	2017311575	2017288932	<b><u>A61P 3 /-</u></b>	2020286194	2021203737
2019352059	2019300119	2019343251	2016310494	<b><u>B01D 63 /-</u></b>	<b><u>B25D 17 /-</u></b>
<b><u>A23K 20 /-</u></b>	<b><u>A61B 5 /-</u></b>	2021200416	<b><u>A61P 31 /-</u></b>	2016362424	2017285884
2017360025	2017307401	<b><u>A61K 47 /-</u></b>	2016277887	<b><u>B01J 19 /-</u></b>	<b><u>B29C 45 /-</u></b>
<b><u>A23K 50 /-</u></b>	2019313136	2016297862	2018244162	2017382202	2017266836
2017360025	2019314013	2017288932	2019343251	<b><u>B01J 20 /-</u></b>	<b><u>B29C 51 /-</u></b>
<b><u>A23L 2 /-</u></b>	2020286194	2019307911	2020256337	2017253492	2017233234
2017264642	<b><u>A61F 13 /-</u></b>	<b><u>A61K 9 /-</u></b>	<b><u>A61P 35 /-</u></b>	<b><u>B01J 29 /-</u></b>	<b><u>B29C 65 /-</u></b>
2019352059	2017329457	2016373451	2016375866	2018449735	2017200554
<b><u>A23K 20 /-</u></b>	<b><u>A61F 2 /-</u></b>	2017235845	2018244162	<b><u>B01J 39 /-</u></b>	<b><u>B29C 70 /-</u></b>
2017360025	2017245370	2017360025	2019207534	2017253492	2017233234
<b><u>A23L 23 /-</u></b>	2017286831	2019307911	2019343251	<b><u>B01J 41 /-</u></b>	<b><u>B31F 1 /-</u></b>
2018334515	2017288641	2020267162	2020256337	2017253492	2017241933
<b><u>A23L 27 /-</u></b>	2017311575	<b><u>A61L 2 /-</u></b>	2018371010	<b><u>B01J 45 /-</u></b>	2018381974
2020230261	2019300119	2020257043	<b><u>A61P 5 /-</u></b>	2017253492	<b><u>B32B 15 /-</u></b>
<b><u>A23L 29 /-</u></b>	<b><u>A61F 5 /-</u></b>	<b><u>A61L 9 /-</u></b>	2020267162	<b><u>B02C 17 /-</u></b>	<b><u>B32B 17 /-</u></b>
2018334515	2017329457	2020257043	2016278242	2020342592	2018301292
<b><u>A23L 5 /-</u></b>	<b><u>A61F 7 /-</u></b>	<b><u>A61M 1 /-</u></b>	2020202738	<b><u>B02C 23 /-</u></b>	<b><u>B32B 27 /-</u></b>
2019259793	2017278133	2020286194	<b><u>A61P 9 /-</u></b>	2020342592	2018381974
2020338470	2017295000	<b><u>A61M 11 /-</u></b>	<b><u>A63B 5 /-</u></b>		
	<b><u>A61F 9 /-</u></b>	2019241462	2017201434		
	2017235845				
	2017288641				
	2019307911				

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<b><u>B42D 25 /-</u></b>	<b><u>B65D 65 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C09D 167 /-</u></b>	2016267393	2021203737
2018338768	2017348288	2019340569	2021202213	2016342268	<b><u>E04F 21 /-</u></b>
<b><u>B60B 27 /-</u></b>	<b><u>B65D 71 /-</u></b>	2020286168	<b><u>C09D 183 /-</u></b>	2017382202	2016358051
2021245199	2020223663	<b><u>C07D 487 /-</u></b>	2017382163	2021356733	<b><u>E04G 5 /-</u></b>
<b><u>B60B 35 /-</u></b>	<b><u>B65D 75 /-</u></b>	2018371010	<b><u>C09D 5 /-</u></b>	<b><u>C12R 1 /-</u></b>	2021203737
2021245199	2017227087	<b><u>C07D 519 /-</u></b>	2016362218	2016235208	<b><u>E04G 7 /-</u></b>
<b><u>B60C 23 /-</u></b>	2019352059	2019340569	2021202213	2016309954	2021203737
2016364626	<b><u>B65D 81 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C09K 11 /-</u></b>	<b><u>C22B 26 /-</u></b>	<b><u>E04H 4 /-</u></b>
<b><u>B60K 1 /-</u></b>	2017227087	2019435643	2019280076	2019204129	2018307880
2021245199	<b><u>B65D 85 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C09K 5 /-</u></b>	<b><u>C22B 3 /-</u></b>	<b><u>E05C 3 /-</u></b>
<b><u>B60K 7 /-</u></b>	2019352059	2017288932	2017365083	2019204129	2017260255
2021245199	<b><u>B65G 69 /-</u></b>	2017295071	<b><u>C09K 8 /-</u></b>	<b><u>C22B 34 /-</u></b>	<b><u>E06B 3 /-</u></b>
<b><u>B60Q 1 /-</u></b>	2019310992	2019207534	2017401564	2016309954	2018301292
2017204001	<b><u>B66B 17 /-</u></b>	2020200782	2017408643	<b><u>C22B 5 /-</u></b>	<b><u>E21B 23 /-</u></b>
<b><u>B60R 9 /-</u></b>	2018448166	<b><u>C07K 16 /-</u></b>	<b><u>C11D 17 /-</u></b>	2016309954	2019394726
2020200162	<b><u>B66F 5 /-</u></b>	2016277887	2017348288	<b><u>C22C 1 /-</u></b>	<b><u>E21B 33 /-</u></b>
<b><u>B60S 3 /-</u></b>	2020281066	2016278242	<b><u>C12G 3 /-</u></b>	2016309954	2015413335
2017230123	<b><u>B66F 7 /-</u></b>	2016297862	2017369762	<b><u>C23F 11 /-</u></b>	<b><u>E21B 43 /-</u></b>
<b><u>B61G 3 /-</u></b>	2020281066	2021200416	2020230261	2016362218	2017408643
2017249418	<b><u>B66F 9 /-</u></b>	<b><u>C07K 4 /-</u></b>	<b><u>C12H 3 /-</u></b>	<b><u>C25B 1 /-</u></b>	<b><u>E21B 44 /-</u></b>
<b><u>B62D 15 /-</u></b>	2020213385	2019207534	2017369762	2018201650	2017285884
2017204001	<b><u>C01B 32 /-</u></b>	2016235208	<b><u>C12N 1 /-</u></b>	2019204129	<b><u>E21B 47 /-</u></b>
<b><u>B63B 35 /-</u></b>	2017304764	2018224036	2016235208	<b><u>D06F 37 /-</u></b>	2015413335
2021286452	<b><u>C01B 37 /-</u></b>	2018334515	2018224036	2020207851	2020200588
<b><u>B64C 1 /-</u></b>	2018449735	<b><u>C08F 283 /-</u></b>	<b><u>C12N 15 /-</u></b>	2020207853	<b><u>E21B 7 /-</u></b>
2017226876	<b><u>C01B 39 /-</u></b>	2021202213	2016265457	<b><u>D06F 39 /-</u></b>	2020371558
<b><u>B64C 39 /-</u></b>	2018449735	2016267393	2016278242	2020207851	<b><u>E21C 41 /-</u></b>
2017226876	<b><u>C01D 15 /-</u></b>	2016289682	2016297862	2020207853	2019456662
<b><u>B65B 17 /-</u></b>	2019204129	2018224036	2018224036	<b><u>D06F 58 /-</u></b>	<b><u>E21D 9 /-</u></b>
2020223663	<b><u>C02F 1 /-</u></b>	2019280394	2019283878	2019270066	2019357686
<b><u>B65B 31 /-</u></b>	2017253492	2019307911	2019343251	<b><u>E01C 19 /-</u></b>	2019456662
2017227087	<b><u>C02F 101 /-</u></b>	2019343251	2020200782	2016358051	<b><u>E21F 17 /-</u></b>
<b><u>B65B 43 /-</u></b>	2017253492	2020346810	2020346810	<b><u>E04B 1 /-</u></b>	2019357686
2017233234	<b><u>C04B 18 /-</u></b>	<b><u>C08J 5 /-</u></b>	<b><u>C12N 5 /-</u></b>	2015258283	<b><u>F04B 53 /-</u></b>
<b><u>B65D 1 /-</u></b>	2020342592	2017348288	2016270793	<b><u>E04B 2 /-</u></b>	2017200739
2018381974	<b><u>C07D 233 /-</u></b>	2017382202	<b><u>C12N 7 /-</u></b>	2021203737	<b><u>F16B 7 /-</u></b>
<b><u>B65D 25 /-</u></b>	2018244162	<b><u>C09D 11 /-</u></b>	2017288932	<b><u>E04C 2 /-</u></b>	2021203737
2018381974	<b><u>C07D 401 /-</u></b>	2018203766	<b><u>C12N 9 /-</u></b>	2017241933	<b><u>F16B 9 /-</u></b>
2018371010	2018371010	2018203766	2016235208	<b><u>E04C 3 /-</u></b>	2021203737
		<b><u>C09D 133 /-</u></b>	2016278242	2015258283	
		2017382202	<b><u>C12Q 1 /-</u></b>	2016385128	

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<b><u>F16L 3 /-</u></b>	<b><u>G01N 29 /-</u></b>	2021202479	2017370720	<b><u>H02J 1 /-</u></b>	<b><u>H04N 9 /-</u></b>
2021203737	2017230727	<b><u>G06F 3 /-</u></b>	<b><u>G07C 3 /-</u></b>	2018444979	2021202036
<b><u>F21K 9 /-</u></b>	<b><u>G01N 30 /-</u></b>	2017204001	2017285884	<b><u>H02J 13 /-</u></b>	<b><u>H04R 1 /-</u></b>
2021201804	2016342268	2018444521	<b><u>G07F 17 /-</u></b>	2019352596	2021203669
<b><u>F21V 17 /-</u></b>	<b><u>G01N 33 /-</u></b>	2020217354	2019259793	<b><u>H02J 3 /-</u></b>	<b><u>H04R 25 /-</u></b>
2019371560	2016267393	2020239749	2019338402	2017440765	2017307401
<b><u>F21V 9 /-</u></b>	2016342268	2020273352	<b><u>G08G 1 /-</u></b>	2019352596	<b><u>H04S 7 /-</u></b>
2021201804	2018238226	2021202479	2019310992	<b><u>H02J 50 /-</u></b>	2021203669
<b><u>F21W 131 /-</u></b>	2019280076	<b><u>G06F 40 /-</u></b>	<b><u>G09G 5 /-</u></b>	2020396537	<b><u>H04W 12 /-</u></b>
2019371560	2020200588	2017269322	2020217354	<b><u>H02S 20 /-</u></b>	2017396514
<b><u>F24F 1 /-</u></b>	2021200416	2018270241	<b><u>G10L 15 /-</u></b>	2021286452	<b><u>H04W 36 /-</u></b>
2018330128	<b><u>G01R 22 /-</u></b>	2021200509	2021203669	<b><u>H03D 7 /-</u></b>	2019267190
<b><u>F24F 13 /-</u></b>	2019352596	<b><u>G06K 17 /-</u></b>	<b><u>G10L 19 /-</u></b>	2017332549	<b><u>H04W 4 /-</u></b>
2018330128	<b><u>G01R 31 /-</u></b>	2020213385	2018289986	<b><u>H03M 13 /-</u></b>	2019376649
<b><u>F24S 20 /-</u></b>	2019384229	<b><u>G06K 19 /-</u></b>	<b><u>G16B 30 /-</u></b>	2018214491	<b><u>H04W 48 /-</u></b>
2021286452	<b><u>G01S 13 /-</u></b>	2021202338	2021356733	<b><u>H03M 7 /-</u></b>	2017396514
<b><u>F24S 30 /-</u></b>	2018265772	<b><u>G06K 7 /-</u></b>	<b><u>G16H 20 /-</u></b>	2018289986	<b><u>H04W 72 /-</u></b>
2021286452	<b><u>G01S 17 /-</u></b>	2020213385	2019276071	<b><u>H04B 1 /-</u></b>	2017353454
<b><u>F25C 5 /-</u></b>	2019418812	2020289828	<b><u>H01F 3 /-</u></b>	2017332549	2018330126
2019323366	<b><u>G01S 19 /-</u></b>	<b><u>G06K 9 /-</u></b>	2020286162	<b><u>H04B 7 /-</u></b>	2019274107
<b><u>F28D 1 /-</u></b>	2017204001	<b><u>G06N 10 /-</u></b>	<b><u>H01H 33 /-</u></b>	2018216827	<b><u>H04W 76 /-</u></b>
2018427606	<b><u>G01S 7 /-</u></b>	2017370720	2020396537	<b><u>H04J 13 /-</u></b>	2019267190
<b><u>F28D 19 /-</u></b>	2019418812	<b><u>G06N 20 /-</u></b>	<b><u>H01H 75 /-</u></b>	2018215307	<b><u>H04W 8 /-</u></b>
2016308724	<b><u>G01V 11 /-</u></b>	2020273358	2020396537	<b><u>H04L 1 /-</u></b>	2019274665
<b><u>F28F 1 /-</u></b>	2015413335	<b><u>G06N 3 /-</u></b>	<b><u>H01L 21 /-</u></b>	2017368708	<b><u>H04W 84 /-</u></b>
2018427606	<b><u>G03F 7 /-</u></b>	2021200509	2017266836	<b><u>H04L 12 /-</u></b>	2018200879
<b><u>G01H 9 /-</u></b>	2017382163	<b><u>G06N 99 /-</u></b>	2018224009	2021203903	<b><u>H05B 45 /-</u></b>
2017230727	<b><u>G04C 17 /-</u></b>	2019376649	<b><u>H01L 23 /-</u></b>	<b><u>H04L 27 /-</u></b>	2021201804
<b><u>G01M 17 /-</u></b>	2020239749	2018444521	2017266836	2018215307	<b><u>H05B 6 /-</u></b>
2017274420	<b><u>G05G 9 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>H01L 29 /-</u></b>	<b><u>H04L 5 /-</u></b>	2018200486
<b><u>G01M 5 /-</u></b>	2018444521	2017280352	2018224009	2018216827	<b><u>H05K 7 /-</u></b>
2016364626	<b><u>G06F 16 /-</u></b>	<b><u>G06F 16 /-</u></b>	2021286452	2018330126	2019355930
<b><u>G01N 21 /-</u></b>	2019268578	<b><u>G06Q 10 /-</u></b>	<b><u>H01L 31 /-</u></b>	<b><u>H04L 9 /-</u></b>	
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2018238226	2022202376	<b><u>G06Q 30 /-</u></b>	<b><u>H01M 4 /-</u></b>	2021203903	<b><u>H04N 7 /-</u></b>
2019268578	<b><u>G06F 17 /-</u></b>	2016333155	2019228266	<b><u>H04M 7 /-</u></b>	
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<b><u>G01N 27 /-</u></b>	2017262701	<b><u>G06Q 50 /-</u></b>	2017365083		
2020200588	2017269322	2019268578	2019228266		
<b><u>G06F 21 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G06V 10 /-</u></b>	<b><u>H01Q 3 /-</u></b>		
	2019277415	2017370720	2018265772		
	2019331368	<b><u>G06V 40 /-</u></b>			

**Certified Innovation Patents**

**Name Index**

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

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(71) Adama Australia Pty Ltd  
 (11) AU-B-2018101611  
 (21) 2018101611 (22) 26.10.2018  
 (54) Ethephon Formulation  
 (51) Int. Cl.  
     **A01N 57/20** ( 2006.01 )  
     **A01N 25/02** ( 2006.01 )  
     **A01P 21/00** ( 2006.01 )  
 (45) 09.06.2022  
 (72) Vaughan, Peter  
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(71) Miles, S.  
 (11) AU-B-2021107651  
 (21) 2021107651 (22) 21.12.2021  
 (54) VEHICLE MIRRORS  
 (51) Int. Cl.  
     **B60R 1/078** ( 2006.01 )  
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 (45) 09.06.2022  
 (62) 2021202062  
 (72) Miles, Shane  
 (74) Ahearn Fox

**Numerical Index**

2018101611 Adama Australia Pty Ltd  
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**A01N 25 /-**

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2015412218	2016228993	2016242964	2016250104
2016250340	2016250905	2016269494	2016274890
2016287440	2016313409	2016318775	2016328081
2016333140	2016346866	2016350296	2016361433
2016370468	2016381563	2016394232	2016401882
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2016431221	2016431911	2016432187	2017200020
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2017211594	2017212222	2017212610	2017215445
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2017222224	2017223138	2017223996	2017225895
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2017241266	2017244131	2017245369	2017251616
2017254716	2017255411	2017260081	2017260641
2017263030	2017263291	2017268840	2017270195
2017274197	2017277334	2017277770	2017282666
2017289015	2017294604	2017295388	2017296082
2017299120	2017301082	2017302312	2017311557
2017316746	2017320475	2017322271	2017322386
2017325445	2017338783	2017340812	2017344389
2017351066	2017355448	2017359604	2017361257
2017361907	2017364256	2017365847	2017367909
2017368283	2017368294	2017375951	2017383236
2017387700	2017397532	2017434920	2018202510
2018206676	2018207318	2018215536	2018218521
2018224020	2018244873	2018250795	2018252301
2018268311	2018270292	2018273238	2018277831
2018283286	2018289505	2018297218	2018304757
2018308947	2018329843	2018331426	2018336797
2018345328	2018346706	2018368965	2018379133
2018383658	2018392927	2018394106	2018403192
2018408693	2018417096	2018433016	2019203870
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2019246289	2019250727	2019251102	2019256257
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2019275986	2019276972	2019277321	2019277661
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2019287734	2019289089	2019291490	2019294647
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2019381947	2019383158	2019392626	2019401240
2019408509	2019419891	2019426605	2020200019
2020200157	2020200430	2020200626	2020200649
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2020204345	2020204432	2020210251	2020211766
2020217329	2020223745	2020239675	2020239752
2020240773	2020244485	2020255286	2020267303
2020294151	2020294304	2020299129	2020331564
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2021236510	2021258090	2021286238	

**Innovation Patents**

2017101926	2020104478	2020104479	2021103318
2021103608	2021104485	2021104849	2021105011
2021105101	2021105182	2022100062	2022100067
2022100068	2022100069	2022100070	

**Assignments Registered**

2010263128 LBP Manufacturing, Inc. The patent has been assigned to **PAC Worldwide Corporation**

**Assignments Registered**

2011296359 LBP Manufacturing, Inc. The patent has been assigned to **PAC Worldwide Corporation**

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2013270610 Varley and Gulliver Limited The patent has been assigned to **Hill & Smith Limited**

2013307319 AFFiRiS AG The patent has been assigned to **Affiris CVD GmbH**

2014261434 Biotalys NV The patent has been assigned to **Biotalys NV; Katholieke Universiteit Leuven**

2014273418 Biotalys NV The patent has been assigned to **Biotalys NV; Katholieke Universiteit Leuven**

2015222283 Affiris AG The patent has been assigned to **Affiris CVD GmbH**

2015339402 Fred Hutchinson Cancer Research Center The patent has been assigned to **Fred Hutchinson Cancer Center**

2016203296 LBP Manufacturing, Inc. The patent has been assigned to **PAC Worldwide Corporation**

2016250309 The University of British Columbia The patent has been assigned to **Jetti Resources, LLC**

2018247307 The University of British Columbia The patent has been assigned to **Jetti Resources, LLC**

2020200918 The University of British Columbia The patent has been assigned to **Jetti Resources, LLC**

2021103742 ARMSTRONG, Ernest The patent has been assigned to **Nexdius Limited**

**Mortgages Registered - Section 187, Reg. 19**

(The name in the parentheses is that of the mortgagee)

2016211732 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

2016250768 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

2016304900 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

2016304907 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

2017376499 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

2018256302 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

2019219739 Weatherford Technology Holdings, LLC ( BTA Institutional Services Australia Limited )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2011216095 **Merck Sharp & Dohme Corp.**

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

For the goods VAXNEUVANCE Pneumococcal 15-valent Conjugate Vaccine

**Extensions granted**

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

2007311511 **Sanofi-Aventis**

The earliest first regulatory approval date provided by the patentee 06 May 2020

For the goods SARCLISA isatuximab

Extension of Term of patent pursuant to Section 77 expires on 16 Oct 2032

**Corrigenda**

In Vol 36 , No 21 , Page(s) 2861 under the heading **Amendments - Application for Amendments** Under the name Huawei Technologies Co., Ltd., Application No. 2019214185 correct the date of the statements filed to read 14 Apr 2022 and 29 Apr 2022

In Vol 36 , No 21 , Page(s) 2912 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BioArdis LLC, Application No. 2020378127, Under INID (72) add co-inventor FENG, Jianxia

In Vol 36 , No 21 , Page(s) 2966 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name University of Florida Research Foundation, Incorporated, Application No. 2020369479, under INID (54) correct the title to read Novel conjugation chemistry for catalytic antibody 38C2

**Specifications Republished**

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

2017322897 **Kao Corporation**  
 2017365145 **The Climate Corporation**  
 2020370289 **University of Pittsburgh - of the Commonwealth System of Higher Education**  
 2021202255 **Apple Inc.**