



**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).

<p><b>NOTE:</b> When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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## 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 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 application filed - Name Index</b>	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(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 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)
<u>Inventors 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.



### 1. 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.

- (43) 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.
- (44) 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.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022      Volume 1 - 36
  - 2023 -            Volume 57 -

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Stramit Corporation Pty Limited v BlueScope Steel Limited* [2022] APO 82

Patent Application:	2015234361
Title:	A Cladding Sheet
Patent Applicant:	BlueScope Steel Limited
Opponent:	Stramit Corporation Pty Limited
Delegate:	K. Wagg
Decision Date:	21 December 2022
Hearing Date:	Written submissions filed on 30 September 2022
Catchwords:	<b>PATENTS</b> – Extension of time to file evidence in answer – Reg 5.9 – amendments during opposition proceedings – anticipation of a stay with no alternative plan is not all reasonable efforts to comply with filing requirements – prompt and diligent action not established – extension refused.
Representation:	Patent attorney for the Applicant: Wrays Pty Ltd

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

*Apple Inc.* [2022] APO 83

Patent Application: 2019268070

Title: Device, method, and graphical user interface for manipulating user interfaces based on unlock inputs

Patent Applicant: Apple Inc.

Delegate: R Subbarayan

Decision Date: 22 December 2022

Hearing Date: Written submissions completed on 30 September 2022

Catchwords: **PATENTS** - examiner's objection – biometric authentication for revealing redacted content – manner of manufacture – computer implemented invention – some of the claims are for a manner of manufacture – opportunity to amend – final date for acceptance reset

Representation: Patent attorney for the applicant: FPA Patent Attorneys Pty Ltd

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Dec 2022 .

<hr/> <p>(71) Aqua-Gen Energy Solutions Pty Ltd (21) 2022903946 (22) 21.12.2022 (54) Injection system for a diesel generator, diesel generator and power generation system</p> <hr/> <p>(71) Aqua-Gen Energy Solutions Pty Ltd (21) 2022903947 (22) 21.12.2022 (54) Injection system for a diesel generator, diesel generator and power generation system</p> <hr/> <p><b>Ballance Agri-Nutrients Limited see HARRIS, B.C.</b> (21) 2022903935</p> <hr/> <p>(71) Barowski, R. (21) 2022903942 (22) 21.12.2022 (54) Portable Extension Ladder Crane</p> <hr/> <p>(71) Barrett, B. (21) 2022903949 (22) 21.12.2022 (54) Kitchen Item</p> <hr/> <p>(71) Barton, T. (21) 2022903911 (22) 20.12.2022 (54) SYSTEM AND METHOD OF OBTAINING, STORING AND UTILISING DATA</p> <hr/> <p><b>CATTO, W.D. see HARRIS, B.C.</b> (21) 2022903935</p> <hr/> <p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2022903913 (22) 20.12.2022 (54) A method of producing spheroidal metallic particles</p> <hr/>	<p>(71) COS IPT Pty Ltd (21) 2022903914 (22) 20.12.2022 (54) MATERIAL CHILLING SYSTEM</p> <hr/> <p>(71) COTTON RESEARCH &amp; DEVELOPMENT CORPORATION (21) 2022903906 (22) 19.12.2022 (54) TECHNOLOGY CONFIGURED TO ENABLE IMPROVED ANALYSIS OF IMAGES BASED ON SEGMENTATION</p> <hr/> <p>(71) CSL Innovation Pty Ltd (21) 2022903917 (22) 20.12.2022 (54) FcRn Antagonists and uses thereof</p> <hr/> <p>(71) DeltaBurn Pty Ltd (21) 2022903908 (22) 20.12.2022 (54) Performance Enhancing Tab with compression molding in situ</p> <hr/> <p>(71) DeltaBurn Pty Ltd; Ireland, P. (21) 2022903909 (22) 20.12.2022 (54) Performance enhancing tab for propellers, rotors and fan blades</p> <hr/> <p>(71) Donald, M. (21) 2022903927 (22) 20.12.2022 (54) Brick Heat Box</p> <hr/> <p>(71) Dunlop, C. (21) 2022903944 (22) 21.12.2022 (54) AN APPARATUS FOR DELIVERING FLUID TO AN ANIMAL SUBJECT</p> <hr/> <p>(71) Ensol Systems Pty. Ltd. (21) 2022903934 (22) 21.12.2022 (54) Flexible architectural covering and method of forming thereof</p> <hr/> <p><b>FRASER, R.S. see HARRIS, B.C.</b> (21) 2022903935</p> <hr/>	<p>(71) Globaltech Corporation Pty Ltd (21) 2022903923 (22) 20.12.2022 (54) Data Capture Device, System &amp; Method</p> <hr/> <p>(71) Goldtec Control Systems Pty Ltd; Macropace Products Pty Ltd (21) 2022903945 (22) 21.12.2022 (54) FRUIT FREEZING AND PRESERVATION METHOD</p> <hr/> <p><b>GRANT, R.L. see HARRIS, B.C.</b> (21) 2022903935</p> <hr/> <p><b>GRANT, M.O. see HARRIS, B.C.</b> (21) 2022903935</p> <hr/> <p>(71) Graphene Manufacturing Group Ltd (21) 2022903937 (22) 21.12.2022 (54) Graphene heat transfer</p> <hr/> <p>(71) Greenspace ESG Pty Limited (21) 2022903933 (22) 21.12.2022 (54) System and method for plant production</p> <hr/> <p>(71) GRYLLIS, P. (21) 2022903941 (22) 21.12.2022 (54) AN UNMANNED VEHICLE</p> <hr/> <p>(71) H2H Energy Pty Ltd (21) 2022903916 (22) 20.12.2022 (54) Method of Dispensing Hydrogen Fuel and Hydrogen Refuelling System</p> <hr/> <p>(71) HARRIS, B.C.; CATTO, W.D.; GRANT, R.L.; FRASER, R.S.; PLUCK, N.G.E.; GRANT, M.O.; Ballance Agri-Nutrients</p>
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Provisional Applications Filed - Name Index cont'd

Limited; Southwater Limited; Plucks Engineering Limited  
**(21)** 2022903935 **(22)** 21.12.2022  
**(54)** METHOD AND SYSTEM FOR TREATING EFFLUENT

**(71)** HODGSON, P.  
**(21)** 2022903925 **(22)** 20.12.2022  
**(54)** FORMING STABLE DISPERSIONS OF GRAPHENE OXIDE IN LIQUIDS

**Ireland, P. see DeltaBurn Pty Ltd**  
**(21)** 2022903909

**KAPLUN, G. see KAPLUN, P.**  
**(21)** 2022903940

**KAPLUN, P. see KAPLUN, P.**  
**(21)** 2022903940

**(71)** KAPLUN, P.; KAPLUN, G.; KAPLUN, P.  
**(21)** 2022903940 **(22)** 21.12.2022  
**(54)** Universal Crank Module Assembly and Applications

**(71)** Livestock Improvement Corporation Limited  
**(21)** 2022903918 **(22)** 20.12.2022  
**(54)** METHODS FOR QUANTIFYING MICROORGANISMS AND USES THEREOF

**(71)** Lowrie, C.  
**(21)** 2022903948 **(22)** 21.12.2022  
**(54)** Improved Clothing/Material Clasp

**(71)** Macdonald, J.  
**(21)** 2022903938 **(22)** 21.12.2022  
**(54)** A method to generate marine clouds for albedo cooling using boiled seawater and salt particle injection.

**Macropace Products Pty Ltd see Goldtec Control Systems Pty Ltd**  
**(21)** 2022903945

**(71)** Magic Wavelength Pty Ltd  
**(21)** 2022903930 **(22)** 20.12.2022  
**(54)** Diagnostic Instrument

**(71)** MCGREEVY-POTTON, K.  
**(21)** 2022903921 **(22)** 20.12.2022  
**(54)** CUBOID CONTAINER

**(71)** Minappi Pty Ltd  
**(21)** 2022903910 **(22)** 20.12.2022  
**(54)** Garment

**(71)** Modulo Panel Pty Ltd  
**(21)** 2022903900 **(22)** 19.12.2022  
**(54)** Surface covering material for acoustic control surface and method of manufacture and application

**(71)** Morgan, N.  
**(21)** 2022903929 **(22)** 20.12.2022  
**(54)** AN ONLINE COMMERCE SYSTEM

**(71)** Natural MedTech Pty Ltd  
**(21)** 2022903920 **(22)** 20.12.2022  
**(54)** Methods for the production of tryptophan derivatives

**(71)** Nepean Longwall Pty Ltd  
**(21)** 2022903919 **(22)** 20.12.2022  
**(54)** UNDERGROUND MINING SYSTEM AND METHOD

**(71)** Omelia Technologies Pty Ltd  
**(21)** 2022903924 **(22)** 20.12.2022  
**(54)** Content Creation Engine

**(71)** Payette, J.; Sunstrom, N.; Sunstrom, F.  
**(21)** 2022903926 **(22)** 20.12.2022  
**(54)** Injection device

**PLUCK, N.G.E. see HARRIS, B.C.**  
**(21)** 2022903935

**Plucks Engineering Limited see HARRIS, B.C.**  
**(21)** 2022903935

**(71)** QBiotics Pty Ltd  
**(21)** 2022903939 **(22)** 21.12.2022  
**(54)** Crystalline forms, and processed for their production

**(71)** Rehabswift Pty Ltd  
**(21)** 2022903943 **(22)** 21.12.2022  
**(54)** REHABILITATION METHODS AND SYSTEMS FOR UPPER AND LOWER LIMBS

**(71)** ResMed Pty Ltd  
**(21)** 2022903915 **(22)** 20.12.2022  
**(54)** CUSHIONS FOR PATIENT INTERFACES

**(71)** Resonait Medical Technologies Pty Ltd  
**(21)** 2022903932 **(22)** 21.12.2022  
**(54)** Closed-loop, non-invasive brain stimulation system and method relating thereto

**(71)** Resonance Health Analysis Services Pty Ltd  
**(21)** 2022903928 **(22)** 20.12.2022  
**(54)** Fibrosis markers

**(71)** Silicon Quantum Computing Pty Ltd.  
**(21)** 2022903898 **(22)** 19.12.2022  
**(54)** Methods for fabricating advanced quantum processing systems

**(71)** SolydEra Australia Pty Ltd  
**(21)** 2022903931 **(22)** 21.12.2022  
**(54)** Glass composition for protective coating

**Southwater Limited see HARRIS, B.C.**  
**(21)** 2022903935

**Sunstrom, N. see Payette, J.**  
**(21)** 2022903926

**Sunstrom, F. see Payette, J.**  
**(21)** 2022903926

**(71)** Sustainable Oil Recovery Pty Ltd  
**(21)** 2022903905 **(22)** 19.12.2022  
**(54)** Water Pollution Containment Device and System

**(71)** Telix International Pty Ltd  
**(21)** 2022903922 **(22)** 20.12.2022  
**(54)** Imaging reagents and methods

**(71)** TEQ Management Pty Ltd  
**(21)** 2022903936 **(22)** 21.12.2022  
**(54)** WASTE MANAGEMENT SYSTEM AND DEVICE

**(71)** University of Technology Sydney  
**(21)** 2022903901 **(22)** 19.12.2022  
**(54)** Terraced illumination apparatus and system for a photobioreactor

**(71)** University of Technology Sydney  
**(21)** 2022903902 **(22)** 19.12.2022  
**(54)** Carbonation device

**(71)** University of Technology Sydney  
**(21)** 2022903903 **(22)** 19.12.2022  
**(54)** Temporal variations in flux output

**(71)** University of Technology Sydney  
**(21)** 2022903904 **(22)** 19.12.2022  
**(54)** Modular carbon capture system

**(71)** Villea Tech Pty Ltd  
**(21)** 2022903912 **(22)** 20.12.2022  
**(54)** PERSONAL HYGIENE DEVICE

Provisional Applications Filed - Name Index cont'd

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**Xie, D. see Zhao, A.**  
**(21)** 2022903907

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**(71)** Zhao, A.; Xie, D.  
**(21)** 2022903907      **(22)** 19.12.2022  
**(54)** Drywall Finisher Box

Numerical Index

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2022903900	Modulo Panel Pty Ltd
2022903901	University of Technology Sydney
2022903902	University of Technology Sydney
2022903903	University of Technology Sydney
2022903904	University of Technology Sydney
2022903905	Sustainable Oil Recovery Pty Ltd
2022903906	COTTON RESEARCH & DEVELOPMENT CORPORATION
2022903907	Zhao, A.; Xie, D.
2022903908	DeltaBurn Pty Ltd
2022903909	DeltaBurn Pty Ltd; Ireland, P.
2022903910	Minappi Pty Ltd
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2022903925	HODGSON, P.
2022903926	Payette, J.; Sunstrom, N.; Sunstrum, F.
2022903927	Donald, M.
2022903928	Resonance Health Analysis Services Pty Ltd
2022903929	Morgan, N.
2022903930	Magic Wavelength Pty Ltd
2022903931	SolydEra Australia Pty Ltd
2022903932	Resonait Medical Technologies Pty Ltd
2022903933	Greenspace ESG Pty Limited
2022903934	Ensol Systems Pty. Ltd.
2022903935	HARRIS, B.C.; CATTO, W.D.; GRANT, R.L.; FRASER, R.S.; PLUCK, N.G.E.; GRANT, M.O.; Ballance Agri-Nutrients Limited; Southwater Limited; Plucks Engineering Limited
2022903936	TEQ Management Pty Ltd
2022903937	Graphene Manufacturing Group Ltd
2022903938	Macdonald, J.
2022903939	QBiotics Pty Ltd
2022903940	KAPLUN, P.; KAPLUN, G.; KAPLUN, P.
2022903941	GRYLLIS, P.
2022903942	Barowski, R.
2022903943	Rehabswift Pty Ltd
2022903944	Dunlop, C.
2022903945	Goldtec Control Systems Pty Ltd; Macropace Products Pty Ltd
2022903946	Aqua-Gen Energy Solutions Pty Ltd
2022903947	Aqua-Gen Energy Solutions Pty Ltd
2022903948	Lowrie, C.
2022903949	Barrett, B.



**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Dec 2022 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) Ablynx NV (21) 2022279374 (22) 28.11.2022 (54) Improved immunoglobulin variable domains (62) 2020202855</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022279382 (22) 28.11.2022 (54) GAME OF CHANCE WITH SHORT- AND LONG-TERM PERSISTENCE FEATURES (31) 17/456,724 (32) 29.11.21 (33) US</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2022279392 (22) 29.11.2022 (54) System, method, and computer program product for identifying device connections (62) 2019257288</p> <hr/> <p>(71) Evogene Ltd. (21) 2022279377 (22) 28.11.2022 (54) Isolated polynucleotides and polypeptides, and methods of using same for increasing nitrogen use efficiency, yield, growth rate, vigor, biomass, oil content, and/or abiotic stress tolerance (62) 2020267257</p> <hr/> <p>(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2022279390 (22) 29.11.2022 (54) Apparatus and audio signal processor, for providing a processed audio signal representation, audio decoder, audio encoder, methods and computer programs (62) 2019374400</p> <hr/> <p>(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2022279391 (22) 29.11.2022 (54) Apparatus and audio signal processor, for providing a processed audio signal representation, audio decoder, audio encoder, methods and computer programs (62) 2019374400</p> <hr/> <p>(71) Genetic Technologies Limited; The University of Melbourne (21) 2022279367 (22) 28.11.2022</p>	<p>(54) Methods of assessing risk of developing breast cancer (62) 2018348793</p> <hr/> <p>(71) Genzyme Corporation (21) 2022279381 (22) 28.11.2022 (54) SERPINC1 IRNA COMPOSITIONS AND METHODS OF USE THEREOF (62) 2020202705</p> <hr/> <p><b>Gottass, T. see Rodwell, O.</b> (21) 2022279389</p> <hr/> <p>(71) IPHK Pty Ltd (21) 2022279393 (22) 29.11.2022 (54) A MOVEMENT APPARATUS (31) 2021903852 (32) 29.11.21 (33) AU</p> <hr/> <p>(71) Kim, T. (21) 2022279384 (22) 28.11.2022 (54) MANNER KNOCK HORN DEVICE FOR VEHICLE (31) 10-2022-0117760 (32) 19.09.22 (33) KR</p> <hr/> <p>(71) Murgana, M. (21) 2022279379 (22) 28.11.2022 (54) A Debris Collector (31) 2021904279 (32) 24.12.21 (33) AU</p> <hr/> <p>(71) Protech Co., Ltd. (21) 2022279386 (22) 28.11.2022 (54) Novel Autophagy-Targeting Chimera (AUTOTAC) Compound, and Composition for Preventing, Alleviating, or Treating Diseases Through Target Protein Degradation Comprising Same (62) 2019312065</p> <hr/> <p>(71) Rodwell, O.; Gottass, T. (21) 2022279389 (22) 28.11.2022 (54) Hole Cleaner (31) 2022903277 (32) 03.11.22 (33) AU</p> <hr/> <p><b>The University of Melbourne see Genetic Technologies Limited</b> (21) 2022279367</p> <hr/> <p>(71) United Airlines, Inc. (21) 2022279385 (22) 28.11.2022 (54) Airline Peer-To-Peer Data Transfer System (31) 17/536,838 (32) 29.11.21 (33) US</p>	<hr/> <p>(71) Zhejiang Aiko Solar Energy Technology Co., Ltd. (21) 2022279383 (22) 28.11.2022 (54) METHOD FOR SOLDERING SOLAR CELL, CELL STRING, PHOTOVOLTAIC MODULE, AND SOLDERING DEVICE (31) 202210201738.9 (32) 03.03.22 (33) CN</p>
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## Numerical Index

<b>2022279367</b>	Genetic Technologies Limited; The University of Melbourne
<b>2022279374</b>	Ablynx NV
<b>2022279377</b>	Evogene Ltd.
<b>2022279379</b>	Murgana, M.
<b>2022279381</b>	Genzyme Corporation
<b>2022279382</b>	Aristocrat Technologies, Inc.
<b>2022279383</b>	Zhejiang Aiko Solar Energy Technology Co., Ltd.
<b>2022279384</b>	Kim, T.
<b>2022279385</b>	United Airlines, Inc.
<b>2022279386</b>	Protech Co., Ltd.
<b>2022279389</b>	Rodwell, O.; Gottass, T.
<b>2022279390</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
<b>2022279391</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
<b>2022279392</b>	Becton, Dickinson and Company
<b>2022279393</b>	IPHK Pty Ltd

**Innovation Patent Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Dec 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(71) Glow Consumer Products Pty Ltd  
(21) 2022100188 (22) 16.12.2022  
(54) Improved Hair Brush  
(62) 2019100795

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LAM, S. see SEASON BRIGHT (CAMBODIA) ELECTRONIC LIGHTING CO., LTD.  
(21) 2022100191

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(71) NewSouth Innovations Pty Ltd  
(21) 2022100190 (22) 20.12.2022  
(54) Manufacture of filament material  
(62) 2018259165

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(71) Orca Civil Products Pty Ltd  
(21) 2022100189 (22) 19.12.2022  
(54) IMPROVED GRATE AND METHOD OF  
MANUFACTURE (2)  
(62) 2016100260

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(71) Paynter, J.  
(21) 2022100193 (22) 21.12.2022  
(54) Exercise mat carry strap and method of  
securing  
(62) 2020102568

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(71) SEASON BRIGHT (CAMBODIA) ELECTRONIC LIGHTING CO., LTD.; LAM, S.  
(21) 2022100191 (22) 21.12.2022  
(54) ANTI-PULL-APART DECORATIVE  
LAMP AND ANTI-PULL-APART LAMP  
STRING  
(62) 2020457540

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(71) Trent Bridge (VIC) Engineering Pty Ltd  
(21) 2022100192 (22) 21.12.2022  
(54) GENERATOR SYSTEM  
(62) 2021201656

**Numerical Index**

**2022100188** Glow Consumer Products Pty Ltd  
**2022100189** Orca Civil Products Pty Ltd  
**2022100190** NewSouth Innovations Pty Ltd

**2022100191** SEASON BRIGHT (CAMBODIA) ELECTRONIC LIGHT-  
ING CO., LTD.; LAM, S.  
**2022100192** Trent Bridge (VIC) Engineering Pty Ltd  
**2022100193** Paynter, J.

**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

**2017**  
2017250773 ( 12C )

**2018**  
2018356741 ( 12C )

**2021**  
2021202462 ( 16C ) 2021213108 ( 12A ) 2021904215 ( 12AN )  
2021904216 ( 12AN ) 2021904269 ( 12AN )

**2022**  
2022900129 ( 12AN )

**Assignments before Grant, Section 113**

**2016**

2016203929 Digital Artefacts LLC The application has been assigned to **Clinical Ink, Inc.**

2016251687 CureVac AG The application has been assigned to **CureVac SE**

**2017**

2017290703 Chimerix, Inc. The application has been assigned to **Emergent Biodefense Operations Lansing LLC**

2017314067 CureVac AG The application has been assigned to **CureVac SE**

2017334270 Hydrus Technology Pty. Ltd. The application has been assigned to **EnviroGold Global Pty Ltd**

2017432640 OtiTopic Inc. The application has been assigned to **Vectura Inc.**

**2018**

2018240515 CureVac AG The application has been assigned to **CureVac SE**

2018241156 CureVac AG The application has been assigned to **CureVac SE**

2018283965 Kutas, Jeffrey; Lang, Brian The application has been assigned to **Kutas, Jeffrey**

2018298422 CureVac AG The application has been assigned to **CureVac SE**

2018299967 Thomas Jefferson University The application has been assigned to **Trace Orthopedics, LLC**

2018301228 Cabeau, Inc. The application has been assigned to **Azurous, Inc.**

2018303336 TBS Mining Solutions Pty Ltd The application has been assigned to **AQUIRIAN TECHNOLOGY PTY LTD**

2018351481 CureVac AG The application has been assigned to **CureVac SE**

2018380433 Kedalion Therapeutics, Inc. The application has been assigned to **Novartis AG**

2018423493 Cellular Biomedicine Group HK Limited The application has been assigned to **Cellular Biomedicine Group, Inc.**

**2019**

2019231652 Precigen, Inc.; PGEN Therapeutics, Inc. The application has been assigned to **Precigen, Inc.**

2019231654 Precigen, Inc.; PGEN Therapeutics, Inc. The application has been assigned to **Precigen, Inc.**

**Assignments before Grant, Section 113**

2019240901 Exosomics S.p.A. The application has been assigned to **Medica S.p.A.; Exosomics S.p.A.**

2019241300 Cellular Biomedicine Group HK Limited The application has been assigned to **Cellular Biomedicine Group, Inc.**

2019254591 CureVac AG The application has been assigned to **CureVac SE**

2019297326 Kedalion Therapeutics, Inc. The application has been assigned to **Novartis AG**

2019381855 Hydrus Technology Pty. Ltd. The application has been assigned to **EnviroGold Global Pty Ltd**

2019407185 KA Group AG The application has been assigned to **BRP Megatech Industries Inc.**

2019410737 CureVac AG The application has been assigned to **CureVac SE**

2019466071 KA Group AG The application has been assigned to **BRP Megatech Industries Inc.**

**2020**

2020201901 National Oilwell Varco Norway AS The application has been assigned to **Grant Prideco, Inc.**

2020204063 Moratti, Stephen; Wormald, Peter-John; Robinson, Simon; Hanton, Lyall; Jukes, Alistair The application has been assigned to **Chitogel Limited**

2020220157 CureVac AG The application has been assigned to **CureVac SE**

2020231242 Kedalion Therapeutics, Inc. The application has been assigned to **Novartis AG**

2020259891 FUJIFILM Wako Pure Chemical Corporation The application has been assigned to **FUJIFILM Corporation**

2020328855 CureVac AG The application has been assigned to **CureVac SE**

2020395758 Rose Pharma LLC The application has been assigned to **Rose Pharma Inc.**

2020407652 Kedalion Therapeutics, Inc. The application has been assigned to **Novartis AG**

**2021**

2021200915 Agilent Technologies Belgium NV The application has been assigned to **Agilent Technologies, Inc.**

2021202082 Waco Pacific Limited The application has been assigned to **Dumenil, Malcolm**

**Assignments before Grant, Section 113**

2021202586 Best Rider Global Limited The application has been assigned to **Cue Vapor Limited**

2021204547 NILO GLOBAL LIMITED The application has been assigned to **Nilo Limited**

2021204554 NILO GLOBAL LIMITED; Nilo Global Limited The application has been assigned to **Nilo Limited**

2021214866 Oncodesign S.A. The application has been assigned to **Oncodesign Precision Medicine (OPM)**

2021216658 CureVac AG The application has been assigned to **CureVac SE**

2021218003 ObsEva SA The application has been assigned to **Xoma (US) LLC**

2021229127 FUJIFILM Wako Pure Chemical Corporation; OSAKA UNIVERSITY The application has been assigned to **FUJIFILM Corporation; OSAKA UNIVERSITY**

2021234338 EXO Cell, LLC The application has been assigned to **Keliomics, Inc.**

2021245237 NILO GLOBAL LIMITED The application has been assigned to **Nilo Limited**

2021254879 Biotecnologia Y Bioingenieria Core S.A The application has been assigned to **SSS Technologies, Corp.**

2021904057 TBS Mining Solutions Pty Ltd The application has been assigned to **AQUIRIAN TECHNOLOGY PTY LTD**

**2022**

2022204035 Nilo Global Limited The application has been assigned to **Nilo Limited**

2022228086 SCHLUMBERGER NORGE AS The application has been assigned to **Schlumberger Technology B.V.**

2022900407 McCollum, Kerry; Donovan, Brett The application has been assigned to **Donovan Group NZ Limited**

2022901483 Ocugene The application has been assigned to **Mount Spec Investments Pty Ltd**

2022903119 Hill, Jeremy; Fonterra Co-operative Group Limited; Williams, Logan; Dybing, Stephen The application has been assigned to **Fonterra Co-operative Group Limited**

**Extensions of Time, Section 223**

**Applications Received**

**Extensions of Time, Section 223**

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

**2013**

2013262439 **T. Callaway and Associates Pty Ltd** An application to extend the time from 17 May 2022 to 17 Dec 2022 in which to pay a renewal fee has been filed . Address for service - Patentec Patent Attorneys L11, 65 York Street Sydney NSW 2000 AU

2013273918 **Maxquip Pty Ltd** An application to extend the time from 05 Jun 2022 to 05 Jan 2023 in which to pay a renewal fee has been filed . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

**2017**

2017208715 **Commonwealth Scientific and Industrial Research Organisation; Fisheries Research and Development Corporation** An application to extend the time from 20 Oct 2022 to 20 Apr 2023 in which to gain acceptance has been filed . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2017212156 **B-Temia Inc.** An application to extend the time from 25 Jan 2022 to 25 Oct 2022 in which to pay a continuation fee has been filed . Address for service - Origin Patent and Trade Mark Attorneys P O Box 106775 Auckland 1143 NZ

2017212157 **B-Temia Inc.** An application to extend the time from 25 Jan 2022 to 25 Oct 2022 in which to pay a continuation fee has been filed . Address for service - Origin Patent and Trade Mark Attorneys P O Box 106775 Auckland 1143 NZ

2017217864 **Smart Medical Devices, Inc.** An application to extend the time from 20 Feb 2022 to 20 Apr 2023 in which to gain acceptance has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017395793 **B-Temia Inc.** An application to extend the time from 25 Jan 2022 to 25 Oct 2022 in which to pay a continuation fee has been filed . Address for service - Origin Patent and Trade Mark Attorneys P O Box 106775 Auckland 1143 NZ

**2018**

2018248423 **Loma Linda University** An application to extend the time from 04 Apr 2022 to 04 Nov 2022 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2019**

2019409901 **BOTANECO INC.** An application to extend the time from 21 Jul 2021 to 21 Nov 2022 in which to enter the National Phase has been filed . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2019419414 **ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI** An application to extend the time from 31 Jul 2021 to 30 Sep 2022 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

**Extensions of Time, Section 223****2020**

2020202565 **SealShield LLC** An application to extend the time from 15 Feb 2022 to 15 Nov 2022 in which to pay a renewal fee has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020203702 **Qualcomm Incorporated** An application to extend the time from 18 Apr 2022 to 18 Nov 2022 in which to pay a renewal fee has been filed . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

**Applications Allowed - Section 223(2)****2017**

2017200366 **SAS Systems Australia Pty Ltd** The time in which to pay the acceptance fee has been extended to 15 Jan 2023 . Address for service - Ahearn Fox PO Box 9398 Wynnum Plaza Brisbane QLD 4178 AU

**2018**

2018378615 **Jones, J.** The time in which to request examination has been extended to 13 Dec 2022 . Address for service - Arno T. Naeckel Level 24, Tower 2 Darling Park 201 Sussex St. Sydney NSW 2000 AU

**2021**

2021263081 **ABACUSLABS LTD.** The time in which to enter the National Phase has been extended to 27 Dec 2022 . Address for service - MOSAIC IP PO BOX 201 Cannon Hill QLD 4170 AU

**2022**

2022221425 **Nasdaq, Inc.** The time in which to request examination has been extended to 06 Jan 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022224874 **Auz Delivery** The time in which to comply with a direction under Reg 3.2A has been extended to 14 Dec 2022 . Address for service - Auz Delivery 3 Bringelly PI Bungarribee NSW 2767 AU

2022228161 **Dometic Sweden AB** in which to make a further application for a divisional patent has been filed 19 Sep 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 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.

**2018**

2018239353 **Method and system for fiber scanning projector Magic Leap, Inc.** The nature of the amendment is as shown in the

**Amendments**

statement(s) filed 16 Dec 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018266531 Stereo parameters for stereo decoding **Qualcomm Incorporated** The nature of the amendment is as shown in the statement(s) filed 07 Dec 2022 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2018307726 Starch-free soft chew for veterinary applications **TGX Soft Chew, LLC** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2018401518 Transmission configuration method and related product **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement(s) filed 05 Dec 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2019**

2019280049 NON-HUMAN ANIMALS EXPRESSING PH-SENSITIVE IMMUNOGLOBULIN SEQUENCES **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Dec 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019303419 Cleaner **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019402151 Combinations of a HDM2-p53 interaction inhibitor and a BCL2 inhibitor and their use for treating cancer **Novartis AG** The nature of the amendment is: Amend the name of the inventor to add FABRE, Claire . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

**2020**

2020901962 METHOD FOR DETECTING ANALYTES **Monash University ; Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is: Remove co-applicant Commonwealth Scientific and Industrial Research . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

**2021**

2021202594 Composition for treating IL-6-related diseases **Chugai Seiyaku Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2022**

2022202745 THERMAL CONTROL SYSTEM **LINEAGE LOGISTICS, LLC** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2022 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

**Amendments Made**

**2016**

2016307289 **Newven Sprl; Stoffel, B.; Sipsma, C.; Van Der Tuin, E.; Humphrys, S.** The nature of the amendment is: Amend the name

**Amendments**

of the inventor to read Stoffel, Bernard; Sipsma, Charles Henrij; Van Der Tuin, Everhardus and Humphrys, Simon Troy

**2018**

2018211469 **Etex Services NV; Eternit NV** The nature of the amendment is: Add the names of co-inventors Millis, Maarten and Hellemans, Philippe

2018311508 **Edge Electrons Limited** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2022

**2019**

2019372600 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read Heartbeat Detection Method, Heartbeat Detection Device, and Program

**2020**

2020328712 **Baoshan Iron & Steel Co., Ltd.** The nature of the amendment is: Amend the invention title to read High-magnetic-induction oriented silicon steel and manufacturing method therefor

2020363380 **Edwards Lifesciences Corporation** The nature of the amendment is: Amend the name of the inventor to read LE, Tung T.; LE, Thanh Huy; MAK, Sovanpheap; SARAVIA, Maria L.; NGUYEN, Kim D.; TRAN, Sonny; LOOS, David John; AVERY, Neal H.; WHITEHEAD, Haley Nicole; MURAD, Michael C. and DE SILVA, Praveen

**2021**

2021215124 **Surcon Ltd** The nature of the amendment is: Amend the name of a co-inventor to read DeVerse, Jarrod Shawn

2021245403 **Mara Renewables Corporation** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2022

2021251718 **Lung Biotechnology PBC** The nature of the amendment is: Amend the name of the inventor to read EXLINE, Colin; LIU, Huizhu and STEVENS, Sean

2021255266 **Mitsubishi Heavy Industries, Ltd.** The nature of the amendment is: Amend the invention title to read HYDROGEN RELEASE AND STORAGE SYSTEM, HYDROGEN RELEASE AND STORAGE METHOD, AMMONIA PRODUCTION APPARATUS, GAS TURBINE, FUEL CELL, AND STEEL MILL

2021255925 **Schlumberger Technology B.V.** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2022

2021263936 **Cornell University** The nature of the amendment is: Amend the invention title to read METHOD AND MARKERS FOR IDENTIFICATION AND RELATIVE QUANTIFICATION OF NUCLEIC ACID SEQUENCE, MUTATION, COPY NUMBER, OR METHYLATION CHANGES USING COMBINATIONS OF NUCLEASE, LIGATION, DEAMINATION, DNA REPAIR, AND POLYMERASE REACTIONS WITH CARRYOVER PREVENTION

2021282063 **Kent Corporation** The nature of the amendment is as shown in the statement filed 23 Nov 2022

2021306386 **Beijing Didi Infinity Technology and Development Co., Ltd.** The nature of the amendment is: Amend the invention title



**Amendments**

to read Methods, first service request terminals, systems, and electronic devices for information display

2021308239 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Amend the invention title to read Information interaction method, apparatus, electronic device, and readable storage medium

2021904260 **Teber, E.; Casey, D.** The nature of the amendment is: Amend the applicant name to read Erol Teber and Donovan Casey

**2022**

2022100186 **Seed Terminator Holdings Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read BERRY, Nicholas Kane

**Alteration of Name(s) of Applicant(s)/Patentee(s)****2016**

2016307289 Newven Sprl; Stoffel, Bertrand; Sipsma, Charle; Van Der Tuin, Everhardus; Humphrys, Simon The name of the applicant has been altered to **Newven Sprl; Stoffel, B.; Sipsma, C.; Van Der Tuin, E.; Humphrys, S.**

**2017**

2017200677 Mac Values, Inc. The name of the patentee has been altered to **MAC Valves. Inc.**

2017294151 Williams Advanced Engineering Limited The name of the applicant has been altered to **WAE Technologies Limited**

2017294152 Williams Advanced Engineering Limited The name of the applicant has been altered to **WAE Technologies Limited**

**2019**

2019201137 Darktrace Limited The name of the applicant has been altered to **Darktrace Holdings Limited**

**2020**

2020200198 Diebold, Incorporated The name of the patentee has been altered to **Diebold Nixdorf, Incorporated**

2020253210 RAM SMAG Lifting Technologies Pte Ltd The name of the applicant has been altered to **RAM LIFTING TECHNOLOGIES PTE. LTD.**

**2021**

2021904175 Uuvipak Pty Ltd The name of the applicant has been altered to **PROTACTINIUM PTY LTD**

**2022**

2022275488 Assembly Osm, Inc. The name of the applicant has been altered to **Assembly OSM, Inc.**

**Innovation Patents Open to Public Inspection**

**Name Index**

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

<hr/> <p>(71) Apple Inc.                      (11) AU-A-2022100184                      (21) 2022100184 (22) 08.12.2022                      (54) System for and method of authenticating a component of an electronic device                      (51) Int. Cl.  <i>G06F 21/44</i> ( 2013.01 )  <i>G06F 21/62</i> ( 2013.01 )  <i>G06F 21/64</i> ( 2013.01 )  <i>G06F 21/71</i> ( 2013.01 )  <i>H04L 9/32</i> ( 2006.01 )                      (45) 12.01.2023                      (62) 2022203908                      (72) Ollivier, Julien                      (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) Dyno Nobel Inc.                      (11) AU-A-2022100187                      (21) 2022100187 (22) 14.12.2022                      (54) SYSTEMS FOR AUTOMATED LOADING OF BLASTHOLES AND METHODS RELATED THERETO                      (51) Int. Cl.  <i>E21B 41/00</i> ( 2006.01 )  <i>E21B 43/263</i> ( 2006.01 )  <i>E21B 47/00</i> ( 2012.01 )                      (45) 12.01.2023                      (62) 2019212935                      (72) AVERETT, Jeff; GILTNER, Scott; O'CONNOR, Patrick                      (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p> <hr/> <p>(71) Moma Products Pty Ltd                      (11) AU-A-2022100180                      (21) 2022100180 (22) 07.12.2022                      (54) Portable light stand                      (51) Int. Cl.  <i>F21V 21/06</i> ( 2006.01 )  <i>F21V 21/00</i> ( 2006.01 )                      (45) 12.01.2023                      (62) 2019439320                      (72) JARVIS, Michael                      (74) Integrated IP</p> <hr/> <p>(71) Moma Products Pty Ltd                      (11) AU-A-2022100181                      (21) 2022100181 (22) 07.12.2022                      (54) Portable light stand                      (51) Int. Cl.  <i>F21V 21/00</i> ( 2006.01 )  <i>F21V 21/06</i> ( 2006.01 )                      (45) 12.01.2023                      (62) 2019439320                      (72) JARVIS, Michael                      (74) Integrated IP</p> <hr/>	<p>(71) Moma Products Pty Ltd                      (11) AU-A-2022100183                      (21) 2022100183 (22) 07.12.2022                      (54) Portable Light Stand                      (51) Int. Cl.  <i>F21V 21/00</i> ( 2006.01 )  <i>F21L 4/08</i> ( 2006.01 )  <i>F21V 21/06</i> ( 2006.01 )  <i>H02S 20/30</i> ( 2014.01 )                      (45) 12.01.2023                      (62) 2019439320                      (72) JARVIS, Michael                      (74) Integrated IP</p> <hr/> <p>(71) NINGBO SHIJIA CLEANING TOOLS CO., LTD.                      (11) AU-A-2022100182                      (21) 2022100182 (22) 07.12.2022                      (54) TOILET BRUSH HOLDER                      (51) Int. Cl.  <i>A47K 17/00</i> ( 2006.01 )  <i>A47K 11/10</i> ( 2006.01 )                      (45) 12.01.2023                      (62) PCT/CN2021/076517                      (72) Wang, Yongdong                      (74) Madderns Pty Ltd</p> <hr/> <p>(71) Seed Terminator Holdings Pty Ltd                      (11) AU-A-2022100186                      (21) 2022100186 (22) 10.12.2022                      (54) A CHAFF FEED STREAM CONDITIONING SYSTEM                      (51) Int. Cl.  <i>A01D 41/12</i> ( 2006.01 )  <i>A01F 12/30</i> ( 2006.01 )  <i>A01F 12/32</i> ( 2006.01 )  <i>A01F 12/385</i> ( 2006.01 )                      (45) 12.01.2023                      (62) 2020232982                      (72) BERRY, Nicolas Kane                      (74) Integrated IP</p> <hr/> <p>(71) Thompson, S.                      (11) AU-A-2022100185                      (21) 2022100185 (22) 09.12.2022                      (54) FLUID CONTAINER                      (51) Int. Cl.  <i>B60K 15/063</i> ( 2006.01 )  <i>B60K 15/077</i> ( 2006.01 )  <i>B60R 9/055</i> ( 2006.01 )  <i>B65D 1/12</i> ( 2006.01 )  <i>B65D 88/12</i> ( 2006.01 )  <i>B65D 90/52</i> ( 2006.01 )                      (45) 12.01.2023                      (62) 2020359287                      (72) THOMPSON, Stewart                      (74) mdp Patent and Trade Mark Attorneys</p>
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**Numerical Index**

2022100180 Moma Products Pty Ltd  
2022100181 Moma Products Pty Ltd  
2022100182 NINGBO SHIJIA CLEANING TOOLS CO., LTD.  
2022100183 Moma Products Pty Ltd  
2022100184 Apple Inc.  
2022100185 Thompson, S.  
2022100186 Seed Terminator Holdings Pty Ltd  
2022100187 Dyno Nobel Inc.

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**B65D 88 /-**

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2022100180

2022100181

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**G06F 21 /-**

2022100184

**H02S 20 /-**

2022100183

**H04L 9 /-**

2022100184

Applications Accepted

Name Index

- 
- (71) 3M Innovative Properties Company  
 (11) AU-B-2021201529  
 (21) 2021201529 (22) 10.03.2021  
 (54) Contoured foam dressing shaped for providing negative pressure to incisions in the breast  
 (51) Int. Cl.  
*A61F 13/00* (2006.01)  
*A61F 13/02* (2006.01)  
*A61F 13/14* (2006.01)  
*A61M 1/00* (2006.01)  
 (43) 25.03.2021  
 (44) 12.01.2023  
 (62) 2018355103  
 (72) Rehbein, Jonathan G.; Kazala, Richard; Sandoval, Enrique L.; Randolph, Larry Tab; Perkins, Luke; Silverman, Ronald P.  
 (74) Spruson & Ferguson
- 
- (71) AbVitro LLC  
 (11) AU-B-2016326737  
 (21) 2016326737 (22) 24.09.2016  
 (54) Affinity-oligonucleotide conjugates and uses thereof  
 (51) Int. Cl.  
*C12Q 1/68* (2006.01)  
*C12N 15/10* (2006.01)  
 (87) WO2017/053905  
 (31) 62/232,209 (32) 24.09.15 (33) US  
 (43) 30.03.2017  
 (44) 12.01.2023  
 (72) Vigneault, Francois; Briggs, Adrian Wrangham; Goldfless, Stephen Jacob; Belmont, Brian J.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Acer Incorporated  
 (11) AU-B-2021215290  
 (21) 2021215290 (22) 13.08.2021  
 (54) Device and method for handling a reception  
 (51) Int. Cl.  
*H04W 72/04* (2009.01)  
*H04L 5/00* (2006.01)  
*H04W 72/12* (2009.01)  
*H04W 88/02* (2009.01)  
 (43) 02.09.2021  
 (44) 12.01.2023  
 (62) 2020217415  
 (72) LO, Li-Chung; LEE, Chien-Min  
 (74) Griffith Hack
- 
- (71) ACO Ahlmann SE & Co. KG  
 (11) AU-B-2019326745  
 (21) 2019326745 (22) 21.08.2019  
 (54) Frame system and manhole covering  
 (51) Int. Cl.  
*E02D 29/14* (2006.01)  
*E01C 11/02* (2006.01)  
*E03F 5/06* (2006.01)
- 
- E04B 1/68* (2006.01)  
*E04H 5/06* (2006.01)  
 (87) WO2020/038982  
 (31) 10 2018 120 623.2 (32) 23.08.18 (33) DE  
 (43) 27.02.2020  
 (44) 12.01.2023  
 (72) HOLL, Sebastian  
 (74) Fraser Old & Sohn
- 
- (71) AdvanSix Resins & Chemicals LLC  
 (11) AU-B-2021203814  
 (21) 2021203814 (22) 09.06.2021  
 (54) METHODS AND COMPOSITIONS FOR POLYURETHANE DISPERSIONS USING CAPROLACTAM-DERIVED SOLVENTS  
 (51) Int. Cl.  
*C08G 18/48* (2006.01)  
*C08G 18/08* (2006.01)  
*C08G 18/10* (2006.01)  
*C08G 18/76* (2006.01)  
*C08G 18/79* (2006.01)  
*C08G 18/80* (2006.01)  
 (43) 08.07.2021  
 (44) 12.01.2023  
 (62) 2018292248  
 (72) Asirvatham, Edward; De Lame, Céline; Flores-Vasquez, Jaime  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) AIM Targeted Therapies, Inc.  
 (11) AU-B-2020201256  
 (21) 2020201256 (22) 21.02.2020  
 (54) HYPERTONIC ANTIMICROBIAL THERAPEUTIC COMPOSITIONS  
 (51) Int. Cl.  
*A61K 8/43* (2006.01)  
*A61K 8/19* (2006.01)  
*A61Q 19/00* (2006.01)  
 (43) 12.03.2020  
 (44) 12.01.2023  
 (62) 2014318702  
 (72) Abrahmsohn, Glenn  
 (74) Madderns Pty Ltd
- 
- (71) Airbus Defence and Space SAS  
 (11) AU-B-2021231537  
 (21) 2021231537 (22) 03.03.2021  
 (54) Method for producing a satellite from a generic configuration of antenna elements  
 (51) Int. Cl.  
*B64G 1/22* (2006.01)  
*B64G 1/10* (2006.01)  
*B64G 1/66* (2006.01)  
*H01Q 1/28* (2006.01)  
*H01Q 15/16* (2006.01)  
 (87) WO2021/175903  
 (31) FR2002186 (32) 04.03.20 (33) FR  
 (43) 10.09.2021  
 (44) 12.01.2023  
 (72) STRZELECKI, Jérôme; BAPPEL, Yann  
 (74) Griffith Hack
- 
- (71) Airbus Defence and Space SAS  
 (11) AU-B-2021271189  
 (21) 2021271189 (22) 10.05.2021  
 (54) Method for orbit control and desaturation of a satellite by means of a single articulated arm carrying a propulsion unit  
 (51) Int. Cl.  
*B64G 1/24* (2006.01)  
*B64G 1/26* (2006.01)  
*B64G 1/28* (2006.01)  
 (87) WO2021/229168  
 (31) FR2004654 (32) 12.05.20 (33) FR  
 (43) 18.11.2021  
 (44) 12.01.2023  
 (72) LAURENS, Philippe  
 (74) FPA Patent Attorneys Pty Ltd
- 
- (71) Albireo AB  
 (11) AU-B-2019290337  
 (21) 2019290337 (22) 20.06.2019  
 (54) Crystal modifications of odevixibat  
 (51) Int. Cl.  
*C07D 285/36* (2006.01)  
*A61K 31/554* (2006.01)  
*A61P 1/00* (2006.01)  
*A61P 1/16* (2006.01)  
*A61P 3/06* (2006.01)  
*A61P 3/10* (2006.01)  
 (87) WO2019/245448  
 (31) 1850762-4 (32) 20.06.18 (33) SE  
 1850761-6 20.06.18 SE  
 (43) 26.12.2019  
 (44) 12.01.2023  
 (72) LUNDQVIST, Robert; YMÉN, Ingvar; BOHLIN, Martin; BYRÖD, Eva; GILLBERG, Per-Göran; TIVERT, Anna-Maria; BRYLAND, Rikard; DAHLQUIST, Ann-Charlotte; ELVERSSON, Jessica; GUSTAFSSON, Nils Ove  
 (74) Spruson & Ferguson
- 
- (71) Alimentary Health Limited  
 (11) AU-B-2016368527  
 (21) 2016368527 (22) 09.12.2016  
 (54) Bifidobacterium longum for treating obesity and associated metabolic disorders  
 (51) Int. Cl.  
*A61K 35/745* (2015.01)  
 (87) WO2017/097987  
 (31) 15199660.0 (32) 11.12.15 (33) EP  
 (43) 15.06.2017  
 (44) 12.01.2023  
 (72) Kiely, Barry; Murphy, Eileen Frances; Healy, Selena  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Allegion (Australia) Pty Ltd  
 (11) AU-B-2017201618  
 (21) 2017201618 (22) 09.03.2017  
 (54) A lock assembly  
 (51) Int. Cl.  
*E05B 13/00* (2006.01)

Applications Accepted - Name Index cont'd

*E05B 55/00* ( 2006.01 )  
*E05B 63/04* ( 2006.01 )  
*E05B 63/16* ( 2006.01 )  
*E05B 63/22* ( 2006.01 )  
**(31)** 2016903396 **(32)** 26.08.16 **(33)** AU  
**(43)** 15.03.2018  
**(44)** 12.01.2023  
**(72)** LAMBROU, Harris; VELANDI, Sajan  
**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
**(11)** AU-B-2018304033  
**(21)** 2018304033 **(22)** 27.06.2018  
**(54)** Magnetic assisted separation apparatus and related methods  
**(51)** Int. Cl.  
*B01L 9/06* ( 2006.01 )  
*B03C 1/02* ( 2006.01 )  
*G01N 35/00* ( 2006.01 )  
**(87)** WO2019/018107  
**(31)** 62/534,563 **(32)** 19.07.17 **(33)** US  
**(43)** 24.01.2019  
**(44)** 12.01.2023  
**(72)** Schulz, Craig Michael; Provchy, Justin James; Kawooya, John Kasajja  
**(74)** Spruson & Ferguson

**(71)** AMVAC Hong Kong Limited  
**(11)** AU-B-2021200622  
**(21)** 2021200622 **(22)** 01.02.2021  
**(54)** Apparatus and method for minimizing the volume of a liquid carrier used for delivering agricultural products into a furrow during planting  
**(51)** Int. Cl.  
*A01C 7/16* ( 2006.01 )  
*A01C 1/06* ( 2006.01 )  
*A01C 1/08* ( 2006.01 )  
*A01C 7/00* ( 2006.01 )  
*A01C 7/04* ( 2006.01 )  
*A01C 7/06* ( 2006.01 )  
*A01C 7/08* ( 2006.01 )  
**(43)** 04.03.2021  
**(44)** 12.01.2023  
**(62)** 2016290736  
**(72)** Conrad, Larry M.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** ANCA Pty Ltd  
**(11)** AU-B-2018368814  
**(21)** 2018368814 **(22)** 15.11.2018  
**(54)** Method and system for constant temperature control of motorized spindles  
**(51)** Int. Cl.  
*H02P 29/60* ( 2016.01 )  
*H02P 29/02* ( 2016.01 )  
**(87)** WO2019/095009  
**(31)** 2017904657 **(32)** 17.11.17 **(33)** AU  
**(43)** 23.05.2019  
**(44)** 12.01.2023  
**(72)** BOLAND, Patrick Gerard; TEE, Kotler Ter Pey; FISHER, David; QIN, Lijiang  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Angel Group Co., Ltd.  
**(11)** AU-B-2021209184  
**(21)** 2021209184 **(22)** 27.07.2021

**(54)** Management system for casino items  
**(51)** Int. Cl.  
*G07F 17/32* ( 2006.01 )  
*G06K 19/04* ( 2006.01 )  
**(31)** 2020-128081 **(32)** 29.07.20 **(33)** JP  
**(43)** 17.02.2022  
**(44)** 12.01.2023  
**(72)** Shigeta, Yasushi  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Anticimex Innovation Center A/S  
**(11)** AU-B-2017286438  
**(21)** 2017286438 **(22)** 08.06.2017  
**(54)** Device for detecting insects  
**(51)** Int. Cl.  
*A01M 1/02* ( 2006.01 )  
**(87)** WO2017/216406  
**(31)** P201630802 **(32)** 13.06.16 **(33)** ES  
**(43)** 21.12.2017  
**(44)** 12.01.2023  
**(72)** Tapias Oller, Jordi  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2021250882  
**(21)** 2021250882 **(22)** 13.10.2021  
**(54)** Device, method, and graphical user interface for managing authentication credentials for user accounts  
**(51)** Int. Cl.  
*G06F 21/30* ( 2013.01 )  
*G06F 3/048* ( 2013.01 )  
*G06F 21/45* ( 2013.01 )  
*H04L 9/32* ( 2006.01 )  
*H04W 12/06* ( 2021.01 )  
**(43)** 11.11.2021  
**(44)** 12.01.2023  
**(62)** 2019281406  
**(72)** SCHULTZ, Conrad A.; MONDELLO, Richard J.; ABBASIAN, Reza; KRSTIC, Ivan; ADLER, Darin; PAPADOPOULOS, Charilaos; DAUM, Maureen Grace; BORIOS, Guillaume; BURNS, Patrick Robert; SANCIANGCO, Alex David; LEDVINA, Brent Michael; PUGH, Chelsea Elizabeth; BROGLE, Kyle; KROCHMAL, Marc; KLAPPER, Jacob; KNIGHT, Paul Russell; GRAHAM, Connor David; WU, Shengkai; LIU, I-Ting; FALKENBURG, Steven Jon  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2021254570  
**(21)** 2021254570 **(22)** 20.10.2021  
**(54)** Systems, devices, and methods for dynamically providing user interface controls at a touch-sensitive secondary display  
**(51)** Int. Cl.  
*G06F 3/0488* ( 2013.01 )  
*G06F 1/16* ( 2006.01 )  
**(43)** 18.11.2021  
**(44)** 12.01.2023  
**(62)** 2019219760  
**(72)** SEPULVEDA, Raymond S.; WONG, Chun Kin Minor; COFFMAN, Patrick L.; EDWARDS, Dylan R.; WILSON, Eric Lance; SUZUKI, Gregg S.; WILSON,

Christopher I.; YANG, Lawrence Y.; SOUZA DOS SANTOS, Andre; BERNSTEIN, Jeffrey T.; KERR, Duncan R.; MORRELL, John B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2021269318  
**(21)** 2021269318 **(22)** 16.11.2021  
**(54)** Devices, methods, and graphical user interfaces for messaging  
**(51)** Int. Cl.  
*H04L 51/58* ( 2022.01 )  
*G06F 3/0488* ( 2013.01 )  
*H04M 1/725* ( 2021.01 )  
**(43)** 09.12.2021  
**(44)** 12.01.2023  
**(62)** 2020202396  
**(72)** CHAUDHRI, Imran A.; ANZURES, Freddy A.; DELLINGER, Richard R.; GRIFFIN, Bradley W.; JON, Tiffany S.; KARUNAMUNI, Chanaka G.; KING, Nicholas V.; MOHSENI, Daamun; PHAM, Hoan; TYLER, William M.; WAN, Wan Si; YERKES, Giancarlo; CONOLLY, Bethany B.; ADLER, Darin B.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Apple Inc.  
**(11)** AU-B-2022200515  
**(21)** 2022200515 **(22)** 27.01.2022  
**(54)** Methods and interfaces for home media control  
**(51)** Int. Cl.  
*G06F 3/0488* ( 2022.01 )  
*G06F 3/041* ( 2006.01 )  
*G06F 3/0482* ( 2013.01 )  
*G06F 3/0484* ( 2022.01 )  
*G06F 3/16* ( 2006.01 )  
*H04M 1/72412* ( 2021.01 )  
*H04M 1/72442* ( 2021.01 )  
**(43)** 17.02.2022  
**(44)** 12.01.2023  
**(62)** 2021204454  
**(72)** COFFMAN, Patrick L.; ALBUQUERQUE, Fernando; CARRIGAN, Taylor G.; CIELAK, Matthew J.; FAMILY, Afroz; GRAHAM, David Chance; IRANI, Cyrus Daniel; VERWEIJ, Hugo; ANDERSON, Molly; HULBERT, Thomas S.; KERR, Duncan; MARI, Pedro; PIERCY, Aimee  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Aqualiner Limited  
**(11)** AU-B-2017335237  
**(21)** 2017335237 **(22)** 27.09.2017  
**(54)** A pig for use in a system for lining ducts  
**(51)** Int. Cl.  
*F16L 55/165* ( 2006.01 )  
*B29C 63/00* ( 2006.01 )  
*B29C 63/34* ( 2006.01 )  
*F16L 55/28* ( 2006.01 )  
**(87)** WO2018/060696  
**(31)** 1616384.2 **(32)** 27.09.16 **(33)** GB  
**(43)** 05.04.2018

Applications Accepted - Name Index cont'd

- (44) 12.01.2023  
(72) Elsom, Robin  
(74) WRAYS PTY LTD
- 
- (71) Artisan Vehicle Systems Inc.  
(11) AU-B-2017332746  
(21) 2017332746 (22) 22.09.2017  
(54) Modular battery cover for electric vehicle  
(51) Int. Cl.  
*H01M 50/00* ( 2021.01 )  
(87) WO2018/057864  
(31) 15/712,114 (32) 21.09.17 (33) US  
62/398,861 23.09.16  
(43) 29.03.2018  
(44) 12.01.2023  
(72) Huff, Brian, R.; Kasaba, Michael, E.; Hickey, Kyle  
(74) Davies Collison Cave Pty Ltd
- 
- Asahi Breweries, Ltd. see Asahi Group Holdings, Ltd.**  
(21) 2018318525
- 
- (71) Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.  
(11) AU-B-2018318525  
(21) 2018318525 (22) 13.08.2018  
(54) Nonsweet beverage  
(51) Int. Cl.  
*C12G 3/06* ( 2006.01 )  
*A23L 2/00* ( 2006.01 )  
*A23L 2/38* ( 2006.01 )  
*A23L 2/68* ( 2006.01 )  
(87) WO2019/035439  
(31) 2017-158080 (32) 18.08.17 (33) JP  
(43) 21.02.2019  
(44) 12.01.2023  
(72) OHASHI, Takuya  
(74) Spruson & Ferguson
- 
- (71) Asahi Kasei Medical Co., Ltd.  
(11) AU-B-2020255772  
(21) 2020255772 (22) 27.03.2020  
(54) Porous membrane  
(51) Int. Cl.  
*B01D 69/02* ( 2006.01 )  
*B01D 69/08* ( 2006.01 )  
*B01D 69/10* ( 2006.01 )  
*B01D 69/12* ( 2006.01 )  
*B01D 71/40* ( 2006.01 )  
*B01D 71/68* ( 2006.01 )  
*D01F 6/76* ( 2006.01 )  
*D06M 15/263* ( 2006.01 )  
*D06M 101/30* ( 2006.01 )  
(87) WO2020/203716  
(31) 2019-065206 (32) 29.03.19 (33) JP  
(43) 08.10.2020  
(44) 12.01.2023  
(72) TAKAZONO, Yasutaka; KOMURO, Masayasu  
(74) Griffith Hack
- 
- (71) Ashworth Bros., Inc.  
(11) AU-B-2020256307  
(21) 2020256307 (22) 12.10.2020

- (54) Spiral conveyor system  
(51) Int. Cl.  
*B65G 21/18* ( 2006.01 )  
*B65G 17/06* ( 2006.01 )  
*B65G 17/30* ( 2006.01 )  
*B65G 17/38* ( 2006.01 )  
(43) 12.11.2020  
(44) 12.01.2023  
(62) 2019201420  
(72) Neely, Darroll Joseph; Hobbs, Bryan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Assa Abloy AB  
(11) AU-B-2019373730  
(21) 2019373730 (22) 04.11.2019  
(54) Systems, methods, and devices for access control  
(51) Int. Cl.  
*G07C 9/22* ( 2020.01 )  
*G07C 9/00* ( 2020.01 )  
*G07C 9/28* ( 2020.01 )  
(87) WO2020/089484  
(31) 62/754,812 (32) 02.11.18 (33) US  
(43) 07.05.2020  
(44) 12.01.2023  
(72) HOYER, Philip; EINBERG, Fredrik Carl Stefan  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ASSA ABLOY New Zealand Limited  
(11) AU-B-2020257037  
(21) 2020257037 (22) 20.10.2020  
(54) WINDOW STAYS  
(51) Int. Cl.  
*E05C 17/32* ( 2006.01 )  
*B21K 1/60* ( 2006.01 )  
*E05D 11/06* ( 2006.01 )  
*E05D 11/10* ( 2006.01 )  
*E05D 15/28* ( 2006.01 )  
*E05D 15/32* ( 2006.01 )  
*E05D 15/40* ( 2006.01 )  
*E05D 15/46* ( 2006.01 )  
*E05F 5/06* ( 2006.01 )  
*E05F 11/16* ( 2006.01 )  
*F16B 19/08* ( 2006.01 )  
(43) 12.11.2020  
(44) 12.01.2023  
(62) 2017380467  
(72) Molloy, Bryce Alan; McGregor, Duncan Duff  
(74) Ellis Terry
- 
- (71) Astex Therapeutics Limited; Cancer Research Technology Limited  
(11) AU-B-2021202962  
(21) 2021202962 (22) 10.05.2021  
(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity  
(51) Int. Cl.  
*C07D 403/12* ( 2006.01 )  
*A61K 31/4035* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07B 59/00* ( 2006.01 )  
*C07D 209/48* ( 2006.01 )  
*C07D 403/06* ( 2006.01 )  
*C07D 405/12* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 413/06* ( 2006.01 )

- C07D 413/12* ( 2006.01 )  
*C07F 9/572* ( 2006.01 )  
(43) 03.06.2021  
(44) 12.01.2023  
(62) 2016330030  
(72) CHESSARI, Gianni; HOWARD, Steven; BUCK, Ildiko Maria; CONS, Benjamin David; JOHNSON, Christopher Norbert; HOLVEY, Rhian Sara; REES, David Charles; ST. DENIS, Jeffrey David; TAMANINI, Emiliano; GOLDING, Bernard Thomas; HARDCASTLE, Ian Robert; CANO, Celine Florence; MILLER, Duncan Charles; CULLY, Sarah; NOBLE, Martin Edward Mäntylä; OSBORNE, James Daniel; PEACH, Joanne; LEWIS, Arwel; HIRST, Kim Louise; WHITTAKER, Benjamin Paul; WATSON, David Wyn; MITCHELL, Dale Robert; GRIFFIN, Roger John  
(74) Spruson & Ferguson
- 
- (71) Astex Therapeutics Limited; Cancer Research Technology Limited  
(11) AU-B-2021202973  
(21) 2021202973 (22) 10.05.2021  
(54) Isoindolinone inhibitors of the MDM2-p53 interaction having anticancer activity  
(51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/454* ( 2006.01 )  
*A61K 31/506* ( 2006.01 )  
*A61K 35/00* ( 2006.01 )  
*C07B 59/00* ( 2006.01 )  
*C07D 401/06* ( 2006.01 )  
*C07D 403/06* ( 2006.01 )  
*C07D 403/14* ( 2006.01 )  
*C07D 405/14* ( 2006.01 )  
*C07D 407/14* ( 2006.01 )  
*C07D 409/14* ( 2006.01 )  
*C07D 413/14* ( 2006.01 )  
*C07D 417/14* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
*C07D 487/08* ( 2006.01 )  
(43) 03.06.2021  
(44) 12.01.2023  
(62) 2016330029  
(72) CHESSARI, Gianni; HOWARD, Steven; BUCK, Ildiko Maria; CONS, Benjamin David; JOHNSON, Christopher Norbert; HOLVEY, Rhian Sara; REES, David Charles; ST. DENIS, Jeffrey David; TAMANINI, Emiliano; GOLDING, Bernard Thomas; HARDCASTLE, Ian Robert; CANO, Celine Florence; MILLER, Duncan Charles; NOBLE, Martin Edward Mäntylä; GRIFFIN, Roger John; OSBORNE, James Daniel; PEACH, Joanne; LEWIS, Arwel; HIRST, Kim Louise; WHITTAKER, Benjamin Paul; WATSON, David Wyn; MITCHELL, Dale Robert  
(74) Spruson & Ferguson
- 
- (71) AstraZeneca AB  
(11) AU-B-2020218651  
(21) 2020218651 (22) 07.02.2020  
(54) Arginase inhibitors and methods of use thereof

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**C07F 5/02** ( 2006.01 )  
**A61K 31/69** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )

(87) WO2020/161675  
(31) 62/802,765 (32) 08.02.19 (33) US  
(43) 13.08.2020  
(44) 12.01.2023  
(72) MLYNARSKI, Scott Nathan; GREBE, Tyler; KAWATKAR, Sameer; FINLAY, Maurice Raymond Verschoyle; SIMPSON, Iain  
(74) Phillips Ormonde Fitzpatrick

(71) Atlas Elektronik GmbH; thyssenkrupp AG  
(11) AU-B-2020215190  
(21) 2020215190 (22) 21.01.2020  
(54) Device for cladding an underwater sound receiver  
(51) Int. Cl.  
**B63G 8/39** ( 2006.01 )  
**G01S 7/521** ( 2006.01 )  
**G10K 11/00** ( 2006.01 )

(87) WO2020/156878  
(31) 10 2019 201 282.5 (32) 31.01.19 (33) DE  
(43) 06.08.2020  
(44) 12.01.2023  
(72) HOFFMANN, Christoph  
(74) Griffith Hack

(71) Auris Health, Inc.  
(11) AU-B-2018347473  
(21) 2018347473 (22) 26.09.2018  
(54) Surgical robotic arm admittance control  
(51) Int. Cl.  
**B25J 13/08** ( 2006.01 )  
**A61B 34/30** ( 2016.01 )

(87) WO2019/074670  
(31) 15/729,558 (32) 10.10.17 (33) US  
(43) 18.04.2019  
(44) 12.01.2023  
(72) MEYER, Kurt Christopher; CHUNG, Shu-Yun; HO, Mingyen  
(74) Spruson & Ferguson

**Autonomous Solutions, Inc. see CNH Industrial America LLC**  
(21) 2017203876

(71) Baker Hughes, a GE Company, LLC  
(11) AU-B-2020296832  
(21) 2020296832 (22) 15.06.2020  
(54) A single-phase microemulsion additive for separation of oil and water  
(51) Int. Cl.  
**B01D 17/04** ( 2006.01 )  
**C09K 23/00** ( 2022.01 )

(87) WO2020/257099  
(31) 16/447,657 (32) 20.06.19 (33) US  
(43) 24.12.2020  
(44) 12.01.2023  
(72) QUNITERO, Lirio; MANGADLAO, Joey D.; JAKUBOWSKI, Wojciech; HEIR-

ONIUMS, Jonathan; PERLA, Carla C.; STEWART-AYALA, Jonathan  
(74) FPA Patent Attorneys Pty Ltd

(71) Baoshan Iron & Steel Co., Ltd.  
(11) AU-B-2020328712  
(21) 2020328712 (22) 11.08.2020  
(54) High-magnetic-induction oriented silicon steel and manufacturing method therefor  
(51) Int. Cl.  
**C22C 38/12** ( 2006.01 )  
**C22C 38/00** ( 2006.01 )

(87) WO2021/027797  
(31) 201910743291.6 (32) 13.08.19 (33) CN  
(43) 18.02.2021  
(44) 12.01.2023  
(72) ZHANG, Huabing; LI, Guobao; SHEN, Kanyi; LIU, Baojun; HOU, Changjun; ZHANG, Xinqiang; CHEN, Jianbing; WU, Meihong; MA, Changsong; LIU, Desheng  
(74) Griffith Hack

(71) Barone, H.  
(11) AU-B-2017349006  
(21) 2017349006 (22) 31.07.2017  
(54) Prosthesis for repairing a blood vessel and method  
(51) Int. Cl.  
**A61F 2/07** ( 2013.01 )  
**A61F 2/856** ( 2013.01 )  
**A61F 2/06** ( 2013.01 )  
**A61F 2/915** ( 2013.01 )

(87) WO2018/077499  
(31) P20160103292 (32) 28.10.16 (33) AR  
(43) 03.05.2018  
(44) 12.01.2023  
(72) Barone, Hector Daniel  
(74) Allens Patent & Trade Mark Attorneys

(71) BASF Agricultural Solutions Seed US LLC  
(11) AU-B-2016369320  
(21) 2016369320 (22) 15.12.2016  
(54) Brassicaceae plants resistant to plasmodiophora brassicae (clubroot)

(51) Int. Cl.  
**A01H 1/04** ( 2006.01 )  
**A01H 5/10** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
**C12Q 1/68** ( 2006.01 )

(87) WO2017/102923  
(31) 62/267,460 (32) 15.12.15 (33) US  
(43) 22.06.2017  
(44) 12.01.2023  
(72) Engelen, Steven; Van Thournout, Michel; Rae, Stephen; Crommar, Kim; Hostyn, Vanessa; Chongo, Godfrey  
(74) Davies Collison Cave Pty Ltd

(71) BASF SE  
(11) AU-B-2021201498  
(21) 2021201498 (22) 09.03.2021  
(54) Methods for making L-glufosinate  
(51) Int. Cl.

**C12P 9/00** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 9/10** ( 2006.01 )  
**C12P 13/04** ( 2006.01 )  
**C12P 41/00** ( 2006.01 )

(43) 25.03.2021  
(44) 12.01.2023  
(62) 2017227553  
(72) GREEN, Brian Michael; GRADLEY, Michelle Lorraine; ALCASABAS, Annette  
(74) Griffith Hack

**Batthyány, C. see Institut Pasteur de Montevideo**  
(21) 2017342167

**Baxter Healthcare SA see Baxter International Inc.**  
(21) 2018304077

(71) Baxter International Inc.; Baxter Healthcare SA  
(11) AU-B-2018304077  
(21) 2018304077 (22) 12.07.2018  
(54) Product bag with integral filter  
(51) Int. Cl.  
**A61L 2/26** ( 2006.01 )  
**A61J 1/14** ( 2006.01 )  
**B65B 3/00** ( 2006.01 )  
**B65D 33/00** ( 2006.01 )

(87) WO2019/018202  
(31) 62/533,427 (32) 17.07.17 (33) US  
(43) 24.01.2019  
(44) 12.01.2023  
(72) HURST, William Spencer; JEPSON, Steven Clarence; BOMGAARS, Grant Anthony; DING, Yuanpang Samuel; DUDAR, Thomas Edward; LO, Ying-Cheng; KRAUSE, Bernd; PASMORE, Mark Edward; SADOWSKI, Michael Joseph; HRISTAKOS, Anastasios; RANALLETTA, Joseph Vincent  
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Bayer Oy  
(11) AU-B-2017344359  
(21) 2017344359 (22) 10.10.2017  
(54) An inserter for an intrauterine system  
(51) Int. Cl.  
**A61F 6/14** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )  
**A61F 6/18** ( 2006.01 )

(87) WO2018/069285  
(31) 62/406,650 (32) 11.10.16 (33) US  
(43) 19.04.2018  
(44) 12.01.2023  
(72) Mikkonen, Joonas; Jalkanen, Tero; Virtanen, Mikko; Tjäder, Taina; El Sayed, Karym  
(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company  
(11) AU-B-2020219044



Applications Accepted - Name Index cont'd

(21) 2020219044 (22) 04.02.2020  
 (54) System, method, and product for identifying a lumen  
 (51) Int. Cl.  
*G16H 20/17* ( 2018.01 )  
*G16H 40/20* ( 2018.01 )  
*G16H 40/60* ( 2018.01 )  
 (87) WO2020/163304  
 (31) 62/800,609 (32) 04.02.19 (33) US  
 (43) 13.08.2020  
 (44) 12.01.2023  
 (72) ISAACSON, Ray  
 (74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company  
 (11) AU-B-2021286250  
 (21) 2021286250 (22) 13.12.2021  
 (54) Multiplex detection of vulvovaginal candidiasis, trichomoniasis and bacterial vaginosis  
 (51) Int. Cl.  
*C12P 19/34* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*G01N 33/50* ( 2006.01 )  
 (43) 06.01.2022  
 (44) 12.01.2023  
 (62) 2020205314  
 (72) PAQUETTE, Nancy; TREMBLAY, Marie-Helene; TREMBLAY, Simon; THERRIEN, Roseline; FORTIN, Marie-Christine; BELLEY-MONTFORT, Lucile; CANTIN, Dany; ROGER-DALBERT, Celine  
 (74) FB Rice Pty Ltd

(71) BeeBryte SAS  
 (11) AU-B-2017244797  
 (21) 2017244797 (22) 17.03.2017  
 (54) A system and method for adaptively maximizing cost savings or profits for utility usage  
 (51) Int. Cl.  
*G06Q 10/04* ( 2012.01 )  
*G06Q 10/06* ( 2012.01 )  
*G06Q 50/06* ( 2012.01 )  
*H02J 3/00* ( 2006.01 )  
 (87) WO2017/171636  
 (31) 10201602403R (32) 28.03.16 (33) SG  
 (43) 05.10.2017  
 (44) 12.01.2023  
 (72) Crampe, Frederic; Leguillette, Patrick  
 (74) Spruson & Ferguson

(71) Beijing Tide Pharmaceutical Co., Ltd.  
 (11) AU-B-2019223882  
 (21) 2019223882 (22) 22.02.2019  
 (54) Receptor inhibitors, pharmaceutical compositions comprising the same, and usage thereof  
 (51) Int. Cl.  
*C07D 241/04* ( 2006.01 )  
*A61K 31/495* ( 2006.01 )  
*A61P 9/00* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
 (87) WO2019/161781  
 (31) 201810154610.5 (32) 23.02.18 (33) CN  
 (43) 29.08.2019

(44) 12.01.2023  
 (72) ZHAO, Yanping; WANG, Hongjun; LI, Gong; LI, Xiang; JIANG, Yuanyuan; WANG, Yeming; HUANG, Huai; ZHOU, Liyang; LIU, Yanan; SHAO, Ning; XIAO, Fengping; ZOU, Zhenguang  
 (74) FB Rice Pty Ltd

(71) Berkeley Lights, Inc.  
 (11) AU-B-2019301819  
 (21) 2019301819 (22) 12.07.2019  
 (54) Screening plant protoplasts for disease resistant traits  
 (51) Int. Cl.  
*B01L 3/00* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12N 5/04* ( 2006.01 )  
 (87) WO2020/014664  
 (31) 62/697,199 (32) 12.07.18 (33) US  
 (43) 16.01.2020  
 (44) 12.01.2023  
 (72) LIONBERGER, Troy A.; KURZ, Volker L.S.  
 (74) FB Rice Pty Ltd

(71) Berkshire Biomedical Corporation  
 (11) AU-B-2018207113  
 (21) 2018207113 (22) 12.01.2018  
 (54) Computerized oral prescription administration devices and associated systems and methods  
 (51) Int. Cl.  
*A61C 19/00* ( 2006.01 )  
*A61C 19/04* ( 2006.01 )  
*A61C 19/06* ( 2006.01 )  
*A61J 7/00* ( 2006.01 )  
*A61M 31/00* ( 2006.01 )  
 (87) WO2018/132633  
 (31) 15/674,046 (32) 10.08.17 (33) US  
 15/406,043 13.01.17 US  
 15/708,045 18.09.17 US  
 (43) 19.07.2018  
 (44) 12.01.2023  
 (72) Rouse, Thomas M.; Owen, Susan B.; Corey, Christy  
 (74) Spruson & Ferguson

(71) Best Rider Global Limited  
 (11) AU-B-2021202586  
 (21) 2021202586 (22) 27.04.2021  
 (54) Disposable tank electronic cigarette, method of manufacture and method of use  
 (51) Int. Cl.  
*A24F 47/00* ( 2020.01 )  
 (43) 27.05.2021  
 (44) 12.01.2023  
 (62) 2015327893  
 (72) PEREZ, Ruben Hector; BASILE, Alexander; CRAWFORD, Alan  
 (74) FB Rice Pty Ltd

(71) Bezel Studio  
 (11) AU-B-2018395234  
 (21) 2018395234 (22) 27.12.2018  
 (54) Lighting devices and methods  
 (51) Int. Cl.

*F21V 13/06* ( 2006.01 )  
*F21L 4/04* ( 2006.01 )  
*F21V 5/04* ( 2006.01 )  
*F21V 7/05* ( 2006.01 )  
*F21V 13/02* ( 2006.01 )  
*F21V 13/04* ( 2006.01 )  
*F21W 131/30* ( 2006.01 )  
 (87) WO2019/133653  
 (31) 16/232,157 (32) 26.12.18 (33) US  
 62/611,208 28.12.17 US  
 (43) 04.07.2019  
 (44) 12.01.2023  
 (72) GUPTA, Jess  
 (74) Griffith Hack

(71) Biogen MA Inc.  
 (11) AU-B-2020250262  
 (21) 2020250262 (22) 08.10.2020  
 (54) COMPOSITIONS FOR MODULATING TAU EXPRESSION  
 (51) Int. Cl.  
*A61K 48/00* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
*C07H 21/04* ( 2006.01 )  
 (43) 05.11.2020  
 (44) 12.01.2023  
 (62) 2014290395  
 (72) Swayze, Eric E.; Freier, Susan M.; Kordasiewicz, Holly; Bui, Huynh-Hoa  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Biophysics Pharma, Inc.; MASIZ, J.J.  
 (11) AU-B-2019349935  
 (21) 2019349935 (22) 25.09.2019  
 (54) Transdermal drug delivery system  
 (51) Int. Cl.  
*A61K 9/00* ( 2006.01 )  
*A61K 31/325* ( 2006.01 )  
*A61K 31/522* ( 2006.01 )  
*A61K 47/18* ( 2017.01 )  
 (87) WO2020/069013  
 (31) 62/737,479 (32) 27.09.18 (33) US  
 16/582,922 25.09.19 US  
 (43) 02.04.2020  
 (44) 12.01.2023  
 (72) MASIZ, John J.; ZHU, Zhen  
 (74) Davies Collison Cave Pty Ltd

(71) Bioprotonics, Inc.  
 (11) AU-B-2021201998  
 (21) 2021201998 (22) 31.03.2021  
 (54) Selective sampling magnetic resonance-based method for assessing structural spatial frequencies  
 (51) Int. Cl.  
*G01R 33/56* ( 2006.01 )  
 (43) 29.04.2021  
 (44) 12.01.2023  
 (62) 2015312190  
 (72) Chase, David R.; James, Timothy W.; James, Kristin E.  
 (74) FPA Patent Attorneys Pty Ltd

(71) BiSN Tec Ltd  
 (11) AU-B-2017270920  
 (21) 2017270920 (22) 24.05.2017

Applications Accepted - Name Index cont'd

(54) Combined well plug/chemical heater assemblies for use in down-hole operations and associated heater cartridges  
 (51) Int. Cl.  
*E21B 33/13* ( 2006.01 )  
*E21B 33/134* ( 2006.01 )  
*E21B 36/00* ( 2006.01 )  
 (87) WO2017/203248  
 (31) 1609137.3 (32) 24.05.16 (33) GB  
 1614227.5 19.08.16 GB  
 (43) 30.11.2017  
 (44) 12.01.2023  
 (72) Carragher, Paul; Underwood, Lance  
 (74) Phillips Ormonde Fitzpatrick

(71) Blinkbio, Inc.  
 (11) AU-B-2017277949  
 (21) 2017277949 (22) 09.06.2017  
 (54) Silanol based therapeutic payloads  
 (51) Int. Cl.  
*A61K 31/695* ( 2006.01 )  
*A61K 47/54* ( 2017.01 )  
 (87) WO2017/214491  
 (31) 62/477,695 (32) 28.03.17 (33) US  
 62/349,274 13.06.16 US  
 62/347,700 09.06.16 US  
 (43) 14.12.2017  
 (44) 12.01.2023  
 (72) Wanner, Jutta; Nguyen, Hanh Nho;  
 Werner, Douglas S.; Ofori, Leslie  
 Odame  
 (74) Spruson & Ferguson

**Board of Regents, The University of Texas  
 System see Oregon State University**  
 (21) 2016379402

(71) Boehringer Ingelheim International GmbH  
 (11) AU-B-2018390927  
 (21) 2018390927 (22) 20.12.2018  
 (54) Novel benzylamino substituted pyridopyrimidinones and derivatives as SOS1 inhibitors  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07D 453/02* ( 2006.01 )  
*C07D 519/00* ( 2006.01 )  
 (87) WO2019/122129  
 (31) 17209865.9 (32) 21.12.17 (33) EP  
 (43) 27.06.2019  
 (44) 12.01.2023  
 (72) RAMHARTER, Juergen; KOFINK, Christiane; STADTMUELLER, Heinz; WUNBERG, Tobias; HOFMANN, Marco Hans; BAUM, Anke; GMACHL, Michael; RUDOLPH, Dorothea Ingrid; SAVARESE, Fabio; OSTERMEIER, Markus; FRANK, Markus; GILLE, Annika; GOEPPER, Stefan; SANTA-GOSTINO, Marco; WIPPICH, Julian  
 (74) Spruson & Ferguson

(71) BOE Technology Group Co., Ltd.  
 (11) AU-B-2021240181

(21) 2021240181 (22) 08.07.2021  
 (54) Display substrate, manufacturing method thereof and display device  
 (51) Int. Cl.  
*H01L 51/50* ( 2006.01 )  
 (87) WO2022/151681  
 (31) 202110039159.4 (32) 13.01.21 (33) CN  
 (43) 28.07.2022  
 (44) 12.01.2023  
 (72) XU, Cheng; XU, Chen  
 (74) Griffith Hack

(71) Booz Allen Hamilton Inc.  
 (11) AU-B-2020258279  
 (21) 2020258279 (22) 13.03.2020  
 (54) System and method for control policy retention  
 (51) Int. Cl.  
*G05B 19/00* ( 2006.01 )  
*G06K 19/07* ( 2006.01 )  
*G08B 13/14* ( 2006.01 )  
 (87) WO2020/214296  
 (31) 16/384,146 (32) 15.04.19 (33) US  
 (43) 22.10.2020  
 (44) 12.01.2023  
 (72) MYERS, Gary Jason; WELSH, Matthias; KNIGHT, Robert Wayne; SCHAEFER, Timothy  
 (74) Griffith Hack

(71) Borecam Asia Pte Ltd  
 (11) AU-B-2017254918  
 (21) 2017254918 (22) 02.11.2017  
 (54) SYSTEM AND METHOD OF VALIDATING A CORE ORIENTATION MEASUREMENT  
 (51) Int. Cl.  
*E21B 25/16* ( 2006.01 )  
*E21B 23/00* ( 2006.01 )  
*E21B 29/02* ( 2006.01 )  
*E21B 47/02* ( 2006.01 )  
 (31) 2016904470 (32) 02.11.16 (33) AU  
 (43) 17.05.2018  
 (44) 12.01.2023  
 (72) KLEYN, Christopher Phillip  
 (74) Elliptic Legal & Patent Services

(71) Boston Scientific Neuromodulation Corporation  
 (11) AU-B-2020289746  
 (21) 2020289746 (22) 15.12.2020  
 (54) Neuromodulation using stochastically-modulated stimulation parameters  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
 (43) 21.01.2021  
 (44) 12.01.2023  
 (62) 2019203787  
 (72) ZHU, Changfang  
 (74) Spruson & Ferguson

(71) Breville Pty Limited  
 (11) AU-B-2017305106  
 (21) 2017305106 (22) 04.08.2017  
 (54) Electro-mechanical interface for an appliance  
 (51) Int. Cl.

*A47J 37/00* ( 2006.01 )  
 (87) WO2018/023172  
 (31) 2016903076 (32) 04.08.16 (33) AU  
 (43) 08.02.2018  
 (44) 12.01.2023  
 (72) Morton, James George; White, Gerard Andrew  
 (74) GLMR

(71) Brilliance Bio-tech Co., Ltd.; Ocean University of China  
 (11) AU-B-2019411709  
 (21) 2019411709 (22) 29.11.2019  
 (54) Method for preparing low-molecular-weight κ-carrageenan potassium by enzymolysis and application thereof  
 (51) Int. Cl.  
*C12P 19/24* ( 2006.01 )  
 (87) WO2020/143353  
 (31) 201910017153.X (32) 08.01.19 (33) CN  
 (43) 23.07.2020  
 (44) 12.01.2023  
 (72) MOU, Haijin; YU, Dongxing; CHEN, Meng; YU, Wanshuai; HAN, Zhenlian  
 (74) Remarkable IP

(71) Britax Römer Kindersicherheit GmbH  
 (11) AU-B-2022200286  
 (21) 2022200286 (22) 17.01.2022  
 (54) A CHILD SAFETY SEAT ROTATABLY MOUNTED ON A BASE  
 (51) Int. Cl.  
*B60N 2/28* ( 2006.01 )  
*B60N 2/14* ( 2006.01 )  
*B60N 2/02* ( 2006.01 )  
*B60N 2/90* ( 2018.01 )  
 (43) 12.01.2023  
 (44) 12.01.2023  
 (72) Frank, Richard; Häußler, Bernd; Henseler, Richard  
 (74) Madderns Pty Ltd

(71) Cancer Research Technology Limited  
 (11) AU-B-2017224924  
 (21) 2017224924 (22) 22.02.2017  
 (54) Dietary product devoid of at least two non essential amino acids  
 (51) Int. Cl.  
*A61K 31/198* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2017/144877  
 (31) 1603098.3 (32) 23.02.16 (33) GB  
 1609441.9 27.05.16 GB  
 (43) 31.08.2017  
 (44) 12.01.2023  
 (72) Maddocks, Oliver; Vousden, Karen  
 (74) Davies Collison Cave Pty Ltd

**Cancer Research Technology Limited see  
 Astex Therapeutics Limited**  
 (21) 2021202962

**Cancer Research Technology Limited see  
 Astex Therapeutics Limited**  
 (21) 2021202973

Applications Accepted - Name Index cont'd

- 
- (71) Canon Kabushiki Kaisha  
 (11) AU-B-2021203403  
 (21) 2021203403 (22) 25.05.2021  
 (54) Process cartridge, electrophotographic image forming apparatus, and electrophotographic photosensitive drum unit  
 (51) Int. Cl.  
**G03G 21/18** ( 2006.01 )  
**G03G 21/16** ( 2006.01 )  
 (43) 15.07.2021  
 (44) 12.01.2023  
 (62) 2019236605  
 (72) MORIOKA, Masanari; UENO, Takahito; MIYABE, Shigeo; HISANO, Masato  
 (74) Spruson & Ferguson
- 
- (71) Caribou Biosciences, Inc.  
 (11) AU-B-2019284926  
 (21) 2019284926 (22) 12.06.2019  
 (54) Engineered cascade components and cascade complexes  
 (51) Int. Cl.  
**C12N 15/62** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C12N 9/16** ( 2006.01 )  
 (87) WO2019/241452  
 (31) 16/262,773 (32) 30.01.19 (33) US  
 16/420,061 22.05.19 US  
 62/684,735 13.06.18 US  
 62/807,717 19.02.19 US  
 16/104,875 17.08.18 US  
 (43) 19.12.2019  
 (44) 12.01.2023  
 (72) CAMERON, Peter Sean; GRADIA, Scott David; KLOMPE, Sanne Eveline; STERNBERG, Samuel Henry; THOMPSON, Matthew Scott  
 (74) Oxygene IP
- 
- (71) Celgene Corporation  
 (11) AU-B-2017278114  
 (21) 2017278114 (22) 05.06.2017  
 (54) Treatment of a hematologic malignancy with 2-(4-chlorophenyl)-N-((2-(2,6-dioxopiperidin-3-yl)-1-oxoisindolin-5-yl)methyl)-2,2-difluoroacetamide  
 (51) Int. Cl.  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
 (87) WO2017/214014  
 (31) 62/346,344 (32) 06.06.16 (33) US  
 (43) 14.12.2017  
 (44) 12.01.2023  
 (72) Carrancio, Soraya; Hollenbach, Paul; Lopez-Girona, Antonia; Macbeth, Kyle; Pourdehnad, Michael; Rappley, Irit; Lu, Gang  
 (74) FB Rice Pty Ltd
- 
- Centre National de la Recherche Scientifique see Thales**  
 (21) 2018269662
- 

- (71) Ceres Tag Ltd  
 (11) AU-B-2021202601  
 (21) 2021202601 (22) 27.04.2021  
 (54) APPARATUS AND SYSTEM FOR IDENTIFICATION AND MONITORING OF ANIMALS  
 (51) Int. Cl.  
**A01K 11/00** ( 2006.01 )  
 (43) 27.05.2021  
 (44) 12.01.2023  
 (62) 2017239570  
 (72) Smith, David Ian  
 (74) Michael Buck IP
- 
- (71) CHEP Technology Pty Limited  
 (11) AU-B-2019378705  
 (21) 2019378705 (22) 11.11.2019  
 (54) Half-size plastic pallet with grommets in the top deck  
 (51) Int. Cl.  
**B65D 19/00** ( 2006.01 )  
**A47B 7/02** ( 2006.01 )  
**B62B 3/02** ( 2006.01 )  
**B62B 3/16** ( 2006.01 )  
**B65D 19/26** ( 2006.01 )  
**B65D 19/42** ( 2006.01 )  
 (87) WO2020/102054  
 (31) 62/760,218 (32) 13.11.18 (33) US  
 16/674,067 05.11.19 US  
 (43) 22.05.2020  
 (44) 12.01.2023  
 (72) DAUBENSPECK, Bradley Wayne; GORSKY, Daniel Aaron; NORMAN, Craig Rolland  
 (74) Spruson & Ferguson
- 
- (71) China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.  
 (11) AU-B-2020246764  
 (21) 2020246764 (22) 27.03.2020  
 (54) Terminal energy saving method based on bandwidth part  
 (51) Int. Cl.  
**H04W 72/04** ( 2009.01 )  
 (87) WO2020/192765  
 (31) 201910243604.1 (32) 28.03.19 (33) CN  
 (43) 01.10.2020  
 (44) 12.01.2023  
 (72) YANG, Tuo; HU, Lijie; WANG, Fei; WANG, Qixing; LIU, Guangyi; LI, Nan  
 (74) Michael Buck IP
- 
- China Mobile Communications Group Co., Ltd. see China Mobile Communication Co., Ltd Research Institute**  
 (21) 2020246764
- 
- (71) Chromadex Inc.  
 (11) AU-B-2017248818  
 (21) 2017248818 (22) 14.04.2017  
 (54) Use of nicotinamide riboside, nicotinic acid riboside, nicotinamide mononucleotide, and nicotinoyl compound derivatives in infant formula  
 (51) Int. Cl.  
**A61K 31/44** ( 2006.01 )

- A23L 33/15** ( 2016.01 )  
**A61K 31/455** ( 2006.01 )  
**A61K 31/706** ( 2006.01 )  
**C07H 7/06** ( 2006.01 )  
 (87) WO2017/181102  
 (31) 62/322,460 (32) 14.04.16 (33) US  
 (43) 19.10.2017  
 (44) 12.01.2023  
 (72) Dellinger, Ryan; Rhonemus, Troy; Morris, Mark; Conze, Dietrich; Boileau, Amy  
 (74) Spruson & Ferguson
- 
- (71) Citrix Systems, Inc.  
 (11) AU-B-2020221855  
 (21) 2020221855 (22) 23.01.2020  
 (54) Activity detection in web applications  
 (51) Int. Cl.  
**G06F 9/54** ( 2006.01 )  
**G06F 11/34** ( 2006.01 )  
**G06Q 10/06** ( 2012.01 )  
**G06Q 30/06** ( 2012.01 )  
 (87) WO2020/167436  
 (31) 16/276,924 (32) 15.02.19 (33) US  
 (43) 20.08.2020  
 (44) 12.01.2023  
 (72) VAN ROTTERDAM, Jeroen Mattijs  
 (74) Spruson & Ferguson
- 
- (71) Classic Connectors, Inc.  
 (11) AU-B-2019387565  
 (21) 2019387565 (22) 02.12.2019  
 (54) Torque limiting fastener  
 (51) Int. Cl.  
**F16B 31/02** ( 2006.01 )  
 (87) WO2020/113220  
 (31) 16/205,287 (32) 30.11.18 (33) US  
 (43) 04.06.2020  
 (44) 12.01.2023  
 (72) TAMM, Carl Russel; WOLF, Randy L.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Clumio, Inc.  
 (11) AU-B-2020266496  
 (21) 2020266496 (22) 24.04.2020  
 (54) Post-processing in a cloud-based data protection service  
 (51) Int. Cl.  
**G06F 11/14** ( 2006.01 )  
 (87) WO2020/223116  
 (31) 62/840,569 (32) 30.04.19 (33) US  
 (43) 05.11.2020  
 (44) 12.01.2023  
 (72) CHANG, Lawrence Jaemyung; HECHT, Daniel Michael; JUNG, Woon Ho; KUMAR, Poojan; PALEKAR, Amber; PANG, Hung Hing Anthony; PATIL, Kaustubh Sambhaji; SHARMA, Rishabh  
 (74) RnB IP Pty Ltd
- 
- (71) CMR Surgical Limited  
 (11) AU-B-2019213554  
 (21) 2019213554 (22) 30.01.2019  
 (54) Surgical drape  
 (51) Int. Cl.  
**A61B 46/10** ( 2016.01 )

Applications Accepted - Name Index cont'd

**A61B 34/30** ( 2016.01 )  
**(87)** WO2019/150111  
**(31)** 1801506.5 **(32)** 30.01.18 **(33)** GB  
**(43)** 08.08.2019  
**(44)** 12.01.2023  
**(72)** MCBRIEN, Martin; HIRD, Aidan; MARSHALL, Keith  
**(74)** Griffith Hack

---

**(71)** CNH Industrial America LLC; Autonomous Solutions, Inc.

**(11)** AU-B-2017203876  
**(21)** 2017203876 **(22)** 08.06.2017  
**(54)** Planning and control of autonomous agricultural operations  
**(51)** Int. Cl.

**A01B 79/00** ( 2006.01 )  
**(31)** 15/179,669 **(32)** 10.06.16 **(33)** US  
**(43)** 04.01.2018  
**(44)** 12.01.2023  
**(72)** Foster, Christopher Alan; Posselius, John Henry; Ray, Brian Robert; Turpin, Bret Todd; Morwood, Daniel John; Bunderson, Nathan Eric  
**(74)** Griffith Hack

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**(71)** Commercialisation Express Pty Ltd

**(11)** AU-B-2022200593  
**(21)** 2022200593 **(22)** 30.01.2022  
**(54)** Blockout Blind System  
**(51)** Int. Cl.

**E06B 9/42** ( 2006.01 )  
**E06B 9/78** ( 2006.01 )

**(43)** 24.02.2022  
**(44)** 12.01.2023  
**(72)** RIEMELMOSER, John  
**(74)** Arceo IP

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**(71)** Commonwealth Scientific and Industrial Research Organisation

**(11)** AU-B-2018241255  
**(21)** 2018241255 **(22)** 29.03.2018  
**(54)** Oil dispersant effectiveness monitoring  
**(51)** Int. Cl.

**G01N 15/02** ( 2006.01 )  
**E02B 15/04** ( 2006.01 )  
**G01N 33/26** ( 2006.01 )

**(87)** WO2018/176106  
**(31)** 2017901184 **(32)** 31.03.17 **(33)** AU  
**(43)** 04.10.2018  
**(44)** 12.01.2023  
**(72)** Qi, Xiubin; Crooke, Emma; Ross, Andrew; Trefry, Christine; Mainson, Menderic  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** CoolSeal LLC

**(11)** AU-B-2018393018  
**(21)** 2018393018 **(22)** 19.12.2018  
**(54)** Titanium dioxide asphalt compositions and methods for their application  
**(51)** Int. Cl.

**C09D 195/00** ( 2006.01 )  
**C08K 3/01** ( 2018.01 )  
**C08K 3/20** ( 2006.01 )  
**C08K 3/22** ( 2006.01 )  
**C08K 5/00** ( 2006.01 )

**C08L 95/00** ( 2006.01 )  
**E01C 7/24** ( 2006.01 )  
**E01C 7/35** ( 2006.01 )

**(87)** WO2019/126288  
**(31)** 62/608,881 **(32)** 21.12.17 **(33)** US  
 15/852,965 22.12.17 US  
**(43)** 27.06.2019  
**(44)** 12.01.2023  
**(72)** KOLEAS, Robert Davis; WILLIAMS, Ronald Eugene  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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**(71)** Copia Corporation Pty Ltd

**(11)** AU-B-2021203878  
**(21)** 2021203878 **(22)** 10.06.2021  
**(54)** ANIMAL ENCLOSURE  
**(51)** Int. Cl.  
**A01K 1/03** ( 2006.01 )  
**A01K 1/00** ( 2006.01 )  
**(31)** 2020902904 **(32)** 14.08.20 **(33)** AU  
**(43)** 03.03.2022  
**(44)** 12.01.2023  
**(72)** Harfouche, Gabriel; Harfouche, Kelsie  
**(74)** Mann IP

---

**(71)** Corteva Agriscience LLC

**(11)** AU-B-2018234835  
**(21)** 2018234835 **(22)** 16.03.2018  
**(54)** Microencapsulated nitrification inhibitor compositions  
**(51)** Int. Cl.

**A01N 25/02** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/22** ( 2006.01 )  
**A01N 25/28** ( 2006.01 )  
**A01N 33/02** ( 2006.01 )  
**B01J 13/02** ( 2006.01 )

**(87)** WO2018/170343  
**(31)** 62/472,628 **(32)** 17.03.17 **(33)** US  
**(43)** 20.09.2018  
**(44)** 12.01.2023  
**(72)** Li, Mei; Logan, Martin C.; Powels, Greg; Williams, Alex; Wilson, Stephen L.  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** Cosmo Koki Co., Ltd.

**(11)** AU-B-2019412926  
**(21)** 2019412926 **(22)** 18.11.2019  
**(54)** Fluid control device  
**(51)** Int. Cl.  
**F16K 27/02** ( 2006.01 )  
**F16K 1/22** ( 2006.01 )  
**F16L 55/00** ( 2006.01 )

**(87)** WO2020/137247  
**(31)** 2018-242368 **(32)** 26.12.18 **(33)** JP  
**(43)** 02.07.2020  
**(44)** 12.01.2023  
**(72)** TAMADA, Satoshi  
**(74)** Allens Patent & Trade Mark Attorneys

---

**(71)** Covidien LP

**(11)** AU-B-2021202809  
**(21)** 2021202809 **(22)** 04.05.2021  
**(54)** Robotic surgical assemblies  
**(51)** Int. Cl.  
**A61B 34/00** ( 2016.01 )

**A61B 34/30** ( 2016.01 )

**(43)** 27.05.2021  
**(44)** 12.01.2023  
**(62)** 2017272072  
**(72)** Zemlok, Michael; Seow, Chi Min; Kapadia, Jaimeen; Macleod, Mark  
**(74)** Spruson & Ferguson

---

**(71)** Crane & Co., Inc.

**(11)** AU-B-2018280023  
**(21)** 2018280023 **(22)** 30.05.2018  
**(54)** An optical device that provides flicker-like optical effects  
**(51)** Int. Cl.

**B42D 25/41** ( 2014.01 )  
**B42D 25/23** ( 2014.01 )  
**B42D 25/24** ( 2014.01 )  
**B42D 25/29** ( 2014.01 )  
**B42D 25/324** ( 2014.01 )  
**B42D 25/342** ( 2014.01 )  
**B42D 25/351** ( 2014.01 )  
**B42D 25/355** ( 2014.01 )  
**B42D 25/425** ( 2014.01 )  
**B42D 25/43** ( 2014.01 )  
**B42D 25/45** ( 2014.01 )  
**G02B 3/00** ( 2006.01 )

**(87)** WO2018/226484  
**(31)** 62/515,179 **(32)** 05.06.17 **(33)** US  
**(43)** 13.12.2018  
**(44)** 12.01.2023  
**(72)** Bleiman, Benjamin, E.; Cape, Samuel, M.; Cote, Paul, F.; Gosnell, Janathan, D.; Jordan, Gregory, R.; Palm, Scott, K.  
**(74)** Spruson & Ferguson

---

**(71)** CRRC Meishan Co., Ltd.

**(11)** AU-B-2018445294  
**(21)** 2018445294 **(22)** 15.11.2018  
**(54)** Railway wagon bogie vibration damping device capable of providing composite vibration damping force  
**(51)** Int. Cl.

**B61F 5/04** ( 2006.01 )  
**(87)** WO2020/073420  
**(31)** 201811174538.9 **(32)** 09.10.18 **(33)** CN  
**(43)** 16.04.2020  
**(44)** 12.01.2023  
**(72)** ZUO, Shibin; LUO, Hanjiang; YIN, Maiyun; ZHANG, Xianfeng; ZHU, Ji; ZHANG, Rui; WU, Chang; DENG, Tao; WANG, Yungui; LI, Jiale; LI, Song; LI, Zhiqiang; HAN, Jingang  
**(74)** Allen & Associates

---

**(71)** CSER Ventures, LLC.

**(11)** AU-B-2021201569  
**(21)** 2021201569 **(22)** 11.03.2021  
**(54)** System for generating an output file  
**(51)** Int. Cl.

**G06F 3/048** ( 2013.01 )  
**(43)** 01.04.2021  
**(44)** 12.01.2023  
**(62)** 2015336114  
**(72)** Carmine John, Silano; Edward Newsome, Roberts  
**(74)** Griffith Hack

Applications Accepted - Name Index cont'd

(71) D.T. Davis Enterprises, Ltd. (d/b/a Hov-  
erterch International)  
(11) AU-B-2021203347  
(21) 2021203347 (22) 24.05.2021  
(54) Lateral transfer mattress and rotational  
positioning device  
(51) Int. Cl.  
A61G 7/00 ( 2006.01 )  
A61G 7/015 ( 2006.01 )  
A61G 7/05 ( 2006.01 )  
A61G 7/10 ( 2006.01 )  
A61G 7/14 ( 2006.01 )  
(43) 24.06.2021  
(44) 12.01.2023  
(62) 2018313905  
(72) DAVIS, David T.  
(74) Spruson & Ferguson

(71) Daikin Industries, Ltd.  
(11) AU-B-2019349084  
(21) 2019349084 (22) 20.09.2019  
(54) Refrigerant charging method  
(51) Int. Cl.  
F25B 45/00 ( 2006.01 )  
F25B 1/00 ( 2006.01 )  
F25B 49/02 ( 2006.01 )  
(87) WO2020/066922  
(31) 2018-184330 (32) 28.09.18 (33) JP  
2018-184329 28.09.18 JP  
2018-184332 28.09.18 JP  
2018-184331 28.09.18 JP  
(43) 02.04.2020  
(44) 12.01.2023  
(72) YAMADA, Takuro; YOSHIMI, Atsushi;  
KUMAKURA, Eiji; IWATA, Ikuhiro;  
OHKUBO, Shun  
(74) FB Rice Pty Ltd

(71) De' Longhi Appliances S.r.l.  
(11) AU-B-2017264524  
(21) 2017264524 (22) 10.05.2017  
(54) Coffee machine with a modular frame  
and relative assembly method  
(51) Int. Cl.  
A47J 31/36 ( 2006.01 )  
(87) WO2017/194574  
(31) 102016000047973 (32) 10.05.16 (33) IT  
(43) 16.11.2017  
(44) 12.01.2023  
(72) De' Longhi, Giuseppe; Scian, Luciano;  
Poggioli, Massimo  
(74) James & Wells Intellectual Property

(71) Decked, LLC  
(11) AU-B-2017348386  
(21) 2017348386 (22) 27.10.2017  
(54) Midsize vehicle storage system  
(51) Int. Cl.  
B60R 9/06 ( 2006.01 )  
B60R 5/04 ( 2006.01 )  
B60R 7/08 ( 2006.01 )  
B62D 33/02 ( 2006.01 )  
B62D 33/04 ( 2006.01 )  
(87) WO2018/081658  
(31) 15/360,513 (32) 23.11.16 (33) US  
62/414,203 28.10.16 US  
(43) 03.05.2018

(44) 12.01.2023  
(72) Smith, Timothy Raymond; Peters, Jake  
(74) Davies Collison Cave Pty Ltd

(71) Defining Future Solutions Pty Ltd  
(11) AU-B-2019409992  
(21) 2019409992 (22) 18.12.2019  
(54) Safety detection device and system  
(51) Int. Cl.  
G08B 17/10 ( 2006.01 )  
F21V 21/04 ( 2006.01 )  
F21V 33/00 ( 2006.01 )  
(87) WO2020/124145  
(31) 2018904813 (32) 18.12.18 (33) AU  
(43) 25.06.2020  
(44) 12.01.2023  
(72) SMALL, David Frederick  
(74) KINGS PATENT & TRADE MARKS AT-  
TORNEYS PTY LTD

(71) DEKA Products Limited Partnership  
(11) AU-B-2020277098  
(21) 2020277098 (22) 23.11.2020  
(54) System, method, and apparatus for  
electronic patient care  
(51) Int. Cl.  
G16H 40/60 ( 2018.01 )  
G06F 21/50 ( 2013.01 )  
(43) 24.12.2020  
(44) 12.01.2023  
(62) 2019261798  
(72) KAMEN, Dean; BIASI, John J.;  
SCARPACI, Jacob W.; KERWIN,  
John M.; TURNER, James G.; BAL-  
LANTYNE, Todd A.  
(74) Griffith Hack

(71) De La Rue International Limited  
(11) AU-B-2018214240  
(21) 2018214240 (22) 31.01.2018  
(54) Method of forming a security device  
(51) Int. Cl.  
B42D 25/435 ( 2014.01 )  
B42D 25/23 ( 2014.01 )  
B42D 25/24 ( 2014.01 )  
B42D 25/29 ( 2014.01 )  
B42D 25/324 ( 2014.01 )  
B42D 25/328 ( 2014.01 )  
B42D 25/351 ( 2014.01 )  
B42D 25/355 ( 2014.01 )  
B42D 25/364 ( 2014.01 )  
B42D 25/373 ( 2014.01 )  
B42D 25/378 ( 2014.01 )  
B42D 25/41 ( 2014.01 )  
B42D 25/425 ( 2014.01 )  
B42D 25/44 ( 2014.01 )  
(87) WO2018/142128  
(31) 1701796.3 (32) 03.02.17 (33) GB  
(43) 09.08.2018  
(44) 12.01.2023  
(72) Locke, Rebecca; Godfrey, John  
(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.  
(11) AU-B-2018362257  
(21) 2018362257 (22) 24.10.2018

(54) Diabetes management partner interface  
for wireless communication of analyte  
data  
(51) Int. Cl.  
H04W 72/04 ( 2009.01 )  
(87) WO2019/089324  
(31) 62/579,061 (32) 30.10.17 (33) US  
(43) 09.05.2019  
(44) 12.01.2023  
(72) KAMATH, Apurv Ullas; MENSINGER,  
Michael Robert; POLYTARIDIS, Nich-  
olas; MORRIS, Gary A.; CONSTANTIN,  
Alexandra E.; BURNETTE, Douglas  
William; REMON, Mario; BARRERAS,  
Jorge R.; WEST, Benjamin Elrod; HAN-  
NEMANN, Christopher R.  
(74) FB Rice Pty Ltd

(71) Dongguan Poweramp Technology Lim-  
ited  
(11) AU-B-2021202555  
(21) 2021202555 (22) 29.01.2021  
(54) A battery module  
(51) Int. Cl.  
H01M 10/04 ( 2006.01 )  
(87) WO2022/012025  
(31) 202010694761.7 (32) 17.07.20 (33) CN  
(43) 03.02.2022  
(44) 12.01.2023  
(72) WANG, Pengfei; ZHOU, Jinbing  
(74) Admiral Trademarks & Patents Ser-  
vices

(71) Dubai Aviation Engineering Projects  
(11) AU-B-2017442436  
(21) 2017442436 (22) 13.12.2017  
(54) Traffic guidance method and structure  
(51) Int. Cl.  
E01C 1/04 ( 2006.01 )  
G08G 99/00 ( 2006.01 )  
(87) WO2019/116077  
(43) 20.06.2019  
(44) 12.01.2023  
(72) DAVID, Matthieu; HAIDAR, Ward  
(74) Eagar & Associates Pty Ltd

(71) DuluxGroup (Australia) Pty Ltd  
(11) AU-B-2017383105  
(21) 2017383105 (22) 22.12.2017  
(54) Aqueous polymer composition  
(51) Int. Cl.  
C08L 101/12 ( 2006.01 )  
C08J 3/24 ( 2006.01 )  
C08K 3/24 ( 2006.01 )  
C08K 5/09 ( 2006.01 )  
C08K 5/24 ( 2006.01 )  
C09D 201/02 ( 2006.01 )  
C09J 201/02 ( 2006.01 )  
(87) WO2018/112555  
(31) 2016905320 (32) 22.12.16 (33) AU  
2017902804 17.07.17 AU  
(43) 28.06.2018  
(44) 12.01.2023  
(72) Davey, Timothy Warren; Evans, Richard  
Alexander; Kempainen, Kimmo Pet-  
teri; Locock, Katherine Elizabeth Sarah;  
Peake, Simon John; Skidmore, Melissa;  
Such, Christopher Henry  
(74) Davies Collison Cave Pty Ltd

Applications Accepted - Name Index cont'd

(71) Dunstan, J.  
 (11) AU-B-2016203527  
 (21) 2016203527 (22) 27.05.2016  
 (54) Door lock  
 (51) Int. Cl.  
     E05B 65/08 ( 2006.01 )  
     E06B 7/32 ( 2006.01 )  
 (43) 14.12.2017  
 (44) 12.01.2023  
 (72) Dunstan, Julian  
 (74) Alder IP Pty Ltd

(71) Dust BioSolutions GmbH  
 (11) AU-B-2019208442  
 (21) 2019208442 (22) 14.02.2019  
 (54) Preventing or reducing plant growth by biocementation  
 (51) Int. Cl.  
     C04B 28/10 ( 2006.01 )  
 (87) WO2019/141880  
 (31) 10 2018 103 314.1 (32) 14.02.18 (33) DE  
 (43) 25.07.2019  
 (44) 12.01.2023  
 (72) Fried, Luitpold; Spitznagel, Martin; Pazur, Saskia; Sprau, Philipp  
 (74) Davies Collison Cave Pty Ltd

(71) Dynacert Inc.  
 (11) AU-B-2017346959  
 (21) 2017346959 (22) 28.09.2017  
 (54) A management system and method for regulating the on-demand electrolytic production of hydrogen and oxygen gas for injection into a combustion engine  
 (51) Int. Cl.  
     F02M 25/12 ( 2006.01 )  
     F02D 19/00 ( 2006.01 )  
     F02D 19/06 ( 2006.01 )  
     F02D 43/00 ( 2006.01 )  
 (87) WO2018/072011  
 (31) 15/298,783 (32) 20.10.16 (33) US  
     2,945,891 20.10.16 CA  
 (43) 26.04.2018  
 (44) 12.01.2023  
 (72) Bridge, David; Hoffman, Ruston Jeroen  
 (74) Adams Pluck

(71) Ecolab USA Inc.  
 (11) AU-B-2019327459  
 (21) 2019327459 (22) 29.08.2019  
 (54) Multiple charged ionic compounds derived from polyamines and compositions thereof and use thereof as reverse emulsion breakers in oil and gas operations  
 (51) Int. Cl.  
     B01D 17/04 ( 2006.01 )  
     C07C 237/10 ( 2006.01 )  
     C10G 33/04 ( 2006.01 )  
 (87) WO2020/047188  
 (31) 62/724,398 (32) 29.08.18 (33) US  
 (43) 05.03.2020  
 (44) 12.01.2023  
 (72) DHAWAN, Ashish; MONK, Keith A.; SILVERNAIL, Carter M.  
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.  
 (11) AU-B-2020304637  
 (21) 2020304637 (22) 26.06.2020  
 (54) Surfactant stabilization of hygroscopic species  
 (51) Int. Cl.  
     C02F 1/68 ( 2006.01 )  
     C02F 5/12 ( 2006.01 )  
     C11D 1/02 ( 2006.01 )  
     C11D 1/12 ( 2006.01 )  
     C11D 1/75 ( 2006.01 )  
     C11D 1/88 ( 2006.01 )  
     C11D 3/33 ( 2006.01 )  
     C11D 3/36 ( 2006.01 )  
     C11D 3/37 ( 2006.01 )  
 (87) WO2020/264234  
 (31) 62/868,058 (32) 28.06.19 (33) US  
 (43) 30.12.2020  
 (44) 12.01.2023  
 (72) CHEN, Emily; ANDERSON, Derrick; DOTZAUER, David; OLSON, Erik C.  
 (74) Spruson & Ferguson

(71) Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center of Shandong Academy of Sciences)  
 (11) AU-B-2021229252  
 (21) 2021229252 (22) 15.06.2021  
 (54) Halophilic degrading bacterium of petroleum hydrocarbon and applications thereof  
 (51) Int. Cl.  
     C12N 1/20 ( 2006.01 )  
     A62D 3/02 ( 2007.01 )  
     B09B 3/00 ( 2006.01 )  
     B09C 1/10 ( 2006.01 )  
     C12N 1/26 ( 2006.01 )  
     C12Q 1/04 ( 2006.01 )  
     C12R 1/01 ( 2006.01 )  
 (87) WO2022/227239  
 (31) 202110482736.7 (32) 30.04.21 (33) CN  
 (43) 17.11.2022  
 (44) 12.01.2023  
 (72) ZHANG, Qiang; ZHAI, Shuanli; HOU, Xinran; LI, Tianyuan; JI, Lei; FU, Xiaowen; WANG, Jianing; LI, Qi; XING, Yingna  
 (74) Madderns Pty Ltd

(71) Edigene Therapeutics (Beijing) Inc.; Peking University  
 (11) AU-B-2019357450  
 (21) 2019357450 (22) 12.10.2019  
 (54) Methods and compositions for editing RNAs  
 (51) Int. Cl.  
     C12N 15/113 ( 2010.01 )  
     A61K 31/712 ( 2006.01 )  
     C12N 15/10 ( 2006.01 )  
     C12N 15/11 ( 2006.01 )  
 (87) WO2020/074001  
 (31) PCT/ CN2018/110105 (32) 12.10.18 (33) CN  
     PCT/ 15.04.19 CN  
     CN2019/082713  
 (43) 16.04.2020

(44) 12.01.2023  
 (72) WEI, Wensheng; QU, Liang; YI, Zongyi; ZHU, Shiyou; WANG, Chunhui; CAO, Zhongzheng; ZHOU, Zhuo; YUAN, Pengfei  
 (74) Phillips Ormonde Fitzpatrick

(71) Eichenauer, T.  
 (11) AU-B-2017297997  
 (21) 2017297997 (22) 13.06.2017  
 (54) Ground mats for water distribution  
 (51) Int. Cl.  
     A01G 25/06 ( 2006.01 )  
     A01G 25/02 ( 2006.01 )  
 (87) WO2018/014055  
 (31) A50668/2016 (32) 21.07.16 (33) AT  
 (43) 25.01.2018  
 (44) 12.01.2023  
 (72) Eichenauer, Thomas; Sulzbacher, Dorothea  
 (74) Alder IP Pty Ltd

(71) Einhell Germany AG  
 (11) AU-B-2021201701  
 (21) 2021201701 (22) 17.03.2021  
 (54) Battery pack for an electrical appliance  
 (51) Int. Cl.  
     H01M 50/24 ( 2021.01 )  
     H01M 50/20 ( 2021.01 )  
     H05K 5/02 ( 2006.01 )  
 (31) 10 2020 109 105.2 (32) 01.04.20 (33) DE  
 (43) 21.10.2021  
 (44) 12.01.2023  
 (72) THANNHUBER, Markus  
 (74) Griffith Hack

(71) Electrolux Appliances Aktiebolag  
 (11) AU-B-2017245487  
 (21) 2017245487 (22) 01.03.2017  
 (54) Laundry treating machine and method for controlling thereof  
 (51) Int. Cl.  
     D06F 39/00 ( 2006.01 )  
 (87) WO2017/174265  
 (31) 16163682.4 (32) 04.04.16 (33) EP  
 (43) 12.10.2017  
 (44) 12.01.2023  
 (72) De Luca, Fernando; Quattrin, Paolo  
 (74) Halfords IP

(71) Electronic Caregiver, Inc.  
 (11) AU-B-2020218172  
 (21) 2020218172 (22) 31.01.2020  
 (54) 3D environment risks identification utilizing reinforced learning  
 (51) Int. Cl.  
     A61B 5/11 ( 2006.01 )  
 (87) WO2020/163180  
 (31) 62/801,525 (32) 05.02.19 (33) US  
 (43) 13.08.2020  
 (44) 12.01.2023  
 (72) CHASKO, Bryan John  
 (74) SR Intellectual Property

Applications Accepted - Name Index cont'd

(71) Exxonmobil Upstream Research Company (EMCH-N1.4A.607)  
 (11) AU-B-2019320723  
 (21) 2019320723 (22) 23.07.2019  
 (54) Boil-off gas recycle subsystem in natural gas liquefaction plants  
 (51) Int. Cl.  
*F25J 1/00* ( 2006.01 )  
*F25J 1/02* ( 2006.01 )  
 (87) WO2020/036712  
 (31) 62/718,742 (32) 14.08.18 (33) US  
 (43) 20.02.2020  
 (44) 12.01.2023  
 (72) RYBERG, Brett L.; WRIGHT, Stephen; TADANO, Kenichi; WATANABE, Naoki  
 (74) Allens Patent & Trade Mark Attorneys

(71) F. Hoffmann-La Roche AG  
 (11) AU-B-2019297391  
 (21) 2019297391 (22) 03.07.2019  
 (54) Oligonucleotides for modulating Tau expression  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
 (87) WO2020/007892  
 (31) 62/693,851 (32) 03.07.18 (33) US  
 62/726,005 31.08.18 US  
 (43) 09.01.2020  
 (44) 12.01.2023  
 (72) HAGEDORN, Peter; HØG, Anja Mølhart; OLSON, Richard E.; JENSEN, Marianne L.  
 (74) Spruson & Ferguson

(71) Ferag AG  
 (11) AU-B-2017203325  
 (21) 2017203325 (22) 18.05.2017  
 (54) Carriage for a rail-guided conveying system and conveying system comprising such a carriage  
 (51) Int. Cl.  
*B65G 17/32* ( 2006.01 )  
 (31) 00694/16 (32) 31.05.16 (33) CH  
 (43) 14.12.2017  
 (44) 12.01.2023  
 (72) Stauber, Erwin  
 (74) Davies Collison Cave Pty Ltd

**FG Innovation Company Limited see Sharp Kabushiki Kaisha**  
 (21) 2018283266

**FG Innovation Company Limited see Sharp Kabushiki Kaisha**  
 (21) 2018311884

(71) Firefly Automatix, Inc.  
 (11) AU-B-2020326630  
 (21) 2020326630 (22) 04.08.2020  
 (54) Dynamically adjusting the cutting height of a mower deck based on a mower's location  
 (51) Int. Cl.  
*A01D 34/01* ( 2006.01 )  
*A01D 34/04* ( 2006.01 )

*G05D 1/00* ( 2006.01 )  
 (87) WO2021/026107  
 (31) 16/532,240 (32) 05.08.19 (33) US  
 (43) 11.02.2021  
 (44) 12.01.2023  
 (72) APOSHIAN, Steven; ASTON, Eric; DECKER, William; JEPPSON, Seth; LEBLANC, Mark; NEUNER, Austin; LIMPURT, Andrew  
 (74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-B-2017335131  
 (21) 2017335131 (22) 28.09.2017  
 (54) A yoke for headgear  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
 (87) WO2018/063009  
 (31) 62/401,063 (32) 28.09.16 (33) US  
 (43) 05.04.2018  
 (44) 12.01.2023  
 (72) Hocking, Jake Baker; Pereira, Priyanka Ferdinand; Walls, Bruce Michael  
 (74) Catalyst Intellectual Property

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-B-2021273595  
 (21) 2021273595 (22) 25.11.2021  
 (54) PATIENT INTERFACE AND ASPECTS THEREOF  
 (51) Int. Cl.  
*A61M 16/06* ( 2006.01 )  
 (43) 16.12.2021  
 (44) 12.01.2023  
 (62) 2021240146  
 (72) ALLAN, Olivia Marie; GARDIOLA, Arvin San Jose; HUANG, Wen Dong; MCAULEY, Alastair Edwin; MCLAREN, Mark; PRENTICE, Craig Robert; SALMON, Andrew Paul Maxwell; SIEW, Silas Sao Jin  
 (74) AJ PARK

(71) Flexidrill Limited  
 (11) AU-B-2017204555  
 (21) 2017204555 (22) 04.07.2017  
 (54) VIBRATORY APPARATUS FOR DRILLING APPARATUS  
 (51) Int. Cl.  
*E21B 7/24* ( 2006.01 )  
*E21B 10/02* ( 2006.01 )  
*E21B 25/02* ( 2006.01 )  
*E21B 28/00* ( 2006.01 )  
 (31) 721997 (32) 08.07.16 (33) NZ  
 (43) 25.01.2018  
 (44) 12.01.2023  
 (72) CUNLIFFE, Mark Christopher; POWELL, Peter Evan  
 (74) AJ PARK

(71) Freddy Hirsch Group AG  
 (11) AU-B-2017260386  
 (21) 2017260386 (22) 05.05.2017  
 (54) Coated food products  
 (51) Int. Cl.

*A22C 13/00* ( 2006.01 )  
 (87) WO2017/191312  
 (31) 1607992.3 (32) 06.05.16 (33) GB  
 (43) 09.11.2017  
 (44) 12.01.2023  
 (72) Schultz, Hermann August; Goorhuis, Johannes Gerhardus Maria; Zyl, Andries Wynand Van; Preez, Johannes Christiaan Du  
 (74) Marquette Intellectual Property Pty Ltd

(71) Fresenius Medical Care Holdings, Inc.  
 (11) AU-B-2018225432  
 (21) 2018225432 (22) 13.02.2018  
 (54) System and methods for dialyzer flow rates estimation using measured dialyzer pressures  
 (51) Int. Cl.  
*B01D 61/32* ( 2006.01 )  
*A61M 1/14* ( 2006.01 )  
*A61M 5/168* ( 2006.01 )  
*B01D 61/34* ( 2006.01 )  
*G06F 17/13* ( 2006.01 )  
 (87) WO2018/156389  
 (31) 15/439,520 (32) 22.02.17 (33) US  
 (43) 30.08.2018  
 (44) 12.01.2023  
 (72) Khair, Mohammad M.  
 (74) Davies Collison Cave Pty Ltd

**Frito-Lay North America, Inc. see Urschel Laboratories, Inc.**  
 (21) 2020207226

(71) Galileo Wheel Ltd.  
 (11) AU-B-2017331629  
 (21) 2017331629 (22) 25.09.2017  
 (54) Pneumatic tire with annular sidewall concavity  
 (51) Int. Cl.  
*B60C 17/08* ( 2006.01 )  
*B60C 9/00* ( 2006.01 )  
*B60C 13/00* ( 2006.01 )  
 (87) WO2018/055624  
 (31) 62/399,420 (32) 25.09.16 (33) US  
 (43) 29.03.2018  
 (44) 12.01.2023  
 (72) Novopianski, Avishay; Edery Azulay, Lucy  
 (74) Wallington-Dummer

(71) Gatekeeper Systems, Inc.  
 (11) AU-B-2019335011  
 (21) 2019335011 (22) 05.09.2019  
 (54) Shopping basket monitoring using computer vision and machine learning  
 (51) Int. Cl.  
*B62B 5/04* ( 2006.01 )  
*G08B 13/00* ( 2006.01 )  
*G08B 13/196* ( 2006.01 )  
 (87) WO2020/051359  
 (31) 62/728,583 (32) 07.09.18 (33) US  
 (43) 12.03.2020  
 (44) 12.01.2023  
 (72) RAMANATHAN, Narayanan V.; CARTER, Scott J.; HANNAH, Stephen

Applications Accepted - Name Index cont'd

E.; JAMES, Jesse M.; JOHNSON, Jack L.; HARLING, Robert M.  
**(74)** Davies Collision Cave Pty Ltd

---

**(71)** Genvivo, Inc.  
**(11)** AU-B-2020203408  
**(21)** 2020203408 **(22)** 25.05.2020  
**(54)** IMPROVED THYMIDINE KINASE GENE  
**(51)** Int. Cl.  
*C12N 15/00* ( 2006.01 )  
*A61K 39/12* ( 2006.01 )  
*A61K 39/21* ( 2006.01 )  
*C12N 5/07* ( 2010.01 )  
*C12N 5/16* ( 2006.01 )  
*C12Q 1/68* ( 2006.01 )  
**(43)** 11.06.2020  
**(44)** 12.01.2023  
**(62)** 2014236086  
**(72)** Levy, John P.; Reed, Rebecca A.; McNulty, Joseph; Johnson, Robert G.  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Georgia-Pacific Gypsum LLC  
**(11)** AU-B-2017229870  
**(21)** 2017229870 **(22)** 10.03.2017  
**(54)** Gypsum panels, systems, and methods  
**(51)** Int. Cl.  
*E04C 2/52* ( 2006.01 )  
*B32B 9/04* ( 2006.01 )  
*E04C 2/296* ( 2006.01 )  
*H04B 5/02* ( 2006.01 )  
**(87)** WO2017/156394  
**(31)** 62/306,995 **(32)** 11.03.16 **(33)** US  
**(43)** 14.09.2017  
**(44)** 12.01.2023  
**(72)** Harrison, Charles R.; Gollob, Lawrence; Shelton, Clarence A.; Gilley, Stuart Brandon  
**(74)** Phillips Ormonde Fitzpatrick

---

**(71)** Golden Solar (Quanzhou) New Energy Technology Co., Ltd.  
**(11)** AU-B-2021269380  
**(21)** 2021269380 **(22)** 17.11.2021  
**(54)** SOLAR CELL CHIP ARRANGEMENT MACHINE  
**(51)** Int. Cl.  
*B26D 7/06* ( 2006.01 )  
**(31)** 202120637754.3 **(32)** 30.03.21 **(33)** CN  
**(43)** 20.10.2022  
**(44)** 12.01.2023  
**(72)** Chiu, Hsin-Wang  
**(74)** Madderns Pty Ltd

---

**(71)** Google LLC  
**(11)** AU-B-2021232777  
**(21)** 2021232777 **(22)** 16.09.2021  
**(54)** QUBIT CALIBRATION  
**(51)** Int. Cl.  
*G06N 10/00* ( 2019.01 )  
*G06N 3/04* ( 2006.01 )  
*G06N 3/08* ( 2006.01 )  
*G06N 7/00* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*G06N 99/00* ( 2019.01 )  
**(43)** 21.10.2021

**(44)** 12.01.2023  
**(62)** 2017442682  
**(72)** Kelly, Julian Shaw; Vainsencher, Amit  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** Google LLC  
**(11)** AU-B-2022202683  
**(21)** 2022202683 **(22)** 22.04.2022  
**(54)** GENERATING IOT-BASED NOTIFICATION(S) AND PROVISIONING OF COMMAND(S) TO CAUSE AUTOMATIC RENDERING OF THE IOT-BASED NOTIFICATION(S) BY AUTOMATED ASSISTANT CLIENT(S) OF CLIENT DEVICE(S)  
**(51)** Int. Cl.  
*H04L 67/025* ( 2022.01 )  
*G10L 15/00* ( 2013.01 )  
*G10L 15/22* ( 2006.01 )  
*G10L 15/30* ( 2013.01 )  
*G16Y 40/35* ( 2020.01 )  
*H04L 12/28* ( 2006.01 )  
*H04Q 9/02* ( 2006.01 )  
*H04W 4/70* ( 2018.01 )  
**(43)** 19.05.2022  
**(44)** 12.01.2023  
**(62)** 2021200128  
**(72)** Schairer, David Roy; Mohammed, Sumer; Spates, IV, Mark; Kumar, Prem; Ng, Chi Yeung Jonathan; Zhu, Di; Clark, Steven  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

---

**(71)** GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.  
**(11)** AU-B-2017433763  
**(21)** 2017433763 **(22)** 26.09.2017  
**(54)** Data processing method and terminal device  
**(51)** Int. Cl.  
*H04W 72/04* ( 2009.01 )  
**(87)** WO2019/061036  
**(43)** 04.04.2019  
**(44)** 12.01.2023  
**(72)** TANG, Hai  
**(74)** Spruson & Ferguson

---

**(71)** Guardian Glass, LLC  
**(11)** AU-B-2018301298  
**(21)** 2018301298 **(22)** 06.07.2018  
**(54)** Techniques for laser ablation/scribing of coatings in pre-and post-assembled insulated glass units, and/or associated methods  
**(51)** Int. Cl.  
*C03C 17/36* ( 2006.01 )  
*C03C 23/00* ( 2006.01 )  
**(87)** WO2019/014052  
**(31)** 15/645,448 **(32)** 10.07.17 **(33)** US  
**(43)** 17.01.2019  
**(44)** 12.01.2023  
**(72)** VEERASAMY, Vijayen S.; VANDAL, Robert A.  
**(74)** Spruson & Ferguson

**(71)** Guerbet  
**(11)** AU-B-2020208794  
**(21)** 2020208794 **(22)** 17.01.2020  
**(54)** Diastereoisomerically enriched complex of gadolinium and of a PCTA-based chelating ligand, and process for preparing and purifying same  
**(51)** Int. Cl.  
*C07D 471/08* ( 2006.01 )  
*A61K 49/08* ( 2006.01 )  
*A61K 49/10* ( 2006.01 )  
*C07D 487/04* ( 2006.01 )  
**(87)** WO2020/148436  
**(31)** 1900432 **(32)** 17.01.19 **(33)** FR  
**(43)** 23.07.2020  
**(44)** 12.01.2023  
**(72)** LE GRENEUR, Soizic; CHÉNÉDÉ, Alain; CERF, Martine; PETTA, Myriam; MARAIS, Emmanuelle; FRANÇOIS, Bruno; ROBIC, Caroline; LOUGUET, Stéphanie  
**(74)** FPA Patent Attorneys Pty Ltd

---

**(71)** H.B. Fuller Company  
**(11)** AU-B-2018230473  
**(21)** 2018230473 **(22)** 09.03.2018  
**(54)** Reactive hot melt polyurethane adhesive with low monomeric diisocyanate content  
**(51)** Int. Cl.  
*C09J 175/04* ( 2006.01 )  
*C08G 18/18* ( 2006.01 )  
*C08G 18/40* ( 2006.01 )  
*C08G 18/42* ( 2006.01 )  
*C08G 18/48* ( 2006.01 )  
*C08G 18/76* ( 2006.01 )  
**(87)** WO2018/165546  
**(31)** 62/469,030 **(32)** 09.03.17 **(33)** US  
**(43)** 13.09.2018  
**(44)** 12.01.2023  
**(72)** Pillalamarri, Sunil K.; Kauffman, Thomas F.  
**(74)** Spruson & Ferguson

---

**Haier Smart Home Co., Ltd. see Qingdao Haier Refrigerator Co., Ltd.**  
**(21)** 2020275125

---

**(71)** Hayes, T.  
**(11)** AU-B-2020200955  
**(21)** 2020200955 **(22)** 10.02.2020  
**(54)** Building Component and Method  
**(51)** Int. Cl.  
*E04C 3/30* ( 2006.01 )  
*E06B 1/00* ( 2006.01 )  
**(43)** 27.02.2020  
**(44)** 12.01.2023  
**(62)** 2018264111  
**(72)** Hayes, Terence Beresford  
**(74)** mdp Patent and Trade Mark Attorneys

---

**(71)** Heron Therapeutics, Inc.  
**(11)** AU-B-2020250230  
**(21)** 2020250230 **(22)** 07.10.2020  
**(54)** COMPOSITIONS OF A POLYORTHOESTER AND AN APROTIC SOLVENT



Applications Accepted - Name Index cont'd

- (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 47/14** ( 2006.01 )  
**A61K 47/18** ( 2006.01 )  
**A61K 47/20** ( 2006.01 )  
**A61K 47/34** ( 2006.01 )
- (43) 05.11.2020  
(44) 12.01.2023  
(62) 2019202415  
(72) Ottoboni, Thomas; Schillinger, Lee Ann Lynn; Niemann, Joseph  
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Hexamer Therapeutics, Inc.  
(11) AU-B-2019300038  
(21) 2019300038 (22) 12.07.2019  
(54) Self-assembling peptide scaffold  
(51) Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 33/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )
- (87) WO2020/014609  
(31) 62/697,132 (32) 12.07.18 (33) US  
(43) 16.01.2020  
(44) 12.01.2023  
(72) MILLER, Keith Douglas  
(74) FPA Patent Attorneys Pty Ltd
- 
- Horstman, A. see Sandstone Medical (Suzhou) Inc.  
(21) 2019296449
- 
- (71) Huaneng Clean Energy Research Institute  
(11) AU-B-2020347721  
(21) 2020347721 (22) 17.09.2020  
(54) Low-loss organic amine solution purification device and use method thereof  
(51) Int. Cl.  
**B01J 47/02** ( 2017.01 )  
**B01J 49/60** ( 2017.01 )
- (87) WO2021/052432  
(31) 201910889282.8 (32) 19.09.19 (33) CN  
(43) 25.03.2021  
(44) 12.01.2023  
(72) WANG, Jinyi; GAO, Shiwang; LIU, Lianbo; NIU, Hongwei; GUO, Dongfang; WANG, Shiqing  
(74) Madderns Pty Ltd
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-B-2018445805  
(21) 2018445805 (22) 15.10.2018  
(54) TERMINAL CONFIGURATION METHOD AND APPARATUS  
(51) Int. Cl.  
**H04W 8/20** ( 2009.01 )
- (87) WO2020/077509  
(43) 23.04.2020

- (44) 12.01.2023  
(72) JIANG, Yinqing; GUO, Haoping; WANG, Juan; BAO, Fanghui; LIU, Xiaojian  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-B-2019334017  
(21) 2019334017 (22) 03.09.2019  
(54) Relation between partition constraint elements  
(51) Int. Cl.  
**H04N 19/105** ( 2014.01 )  
**H04N 19/186** ( 2014.01 )
- (87) WO2020/048466  
(31) 62/733,053 (32) 18.09.18 (33) US  
62/726,423 03.09.18 US  
62/818,996 15.03.19 US
- (43) 12.03.2020  
(44) 12.01.2023  
(72) GAO, Han; ESENLİK, Semih; CHEN, Jianle; KOTRA, Anand Meher; WANG, Biao; ZHAO, Zhijie  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-B-2019341277  
(21) 2019341277 (22) 18.09.2019  
(54) Method for skipping refinement based on patch similarity in bilinear interpolation based decoder-side motion vector refinement  
(51) Int. Cl.  
**H04N 19/51** ( 2014.01 )
- (87) WO2020/057524  
(31) 201831035309 (32) 19.09.18 (33) IN  
(43) 26.03.2020  
(44) 12.01.2023  
(72) SETHURAMAN, Sriram; A, Jeeva Raj  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huawei Technologies Co., Ltd.  
(11) AU-B-2020265942  
(21) 2020265942 (22) 18.04.2020  
(54) COMMUNICATION METHOD, COMMUNICATION APPARATUS, COMPUTER STORAGE MEDIUM, AND COMMUNICATION SYSTEM  
(51) Int. Cl.  
**H04W 36/00** ( 2009.01 )
- (87) WO2020/221032  
(31) 201910348522.3 (32) 28.04.19 (33) CN  
(43) 05.11.2020  
(44) 12.01.2023  
(72) PENG, Wenjie  
(74) Phillips Ormonde Fitzpatrick
- 
- (71) Huntley, T.  
(11) AU-B-2018237677  
(21) 2018237677 (22) 16.03.2018  
(54) Low profile dust separator  
(51) Int. Cl.  
**B01D 35/30** ( 2006.01 )  
**B01D 45/12** ( 2006.01 )  
**B01D 45/16** ( 2006.01 )
- (87) WO2018/175241  
(31) 15/465,051 (32) 21.03.17 (33) US

- (43) 27.09.2018  
(44) 12.01.2023  
(72) Huntley, Thomas  
(74) Spruson & Ferguson
- 
- (71) Hytech Power, Inc.  
(11) AU-B-2017229114  
(21) 2017229114 (22) 06.03.2017  
(54) A method of generating and distributing a second fuel for an internal combustion engine  
(51) Int. Cl.  
**F02B 43/10** ( 2006.01 )  
**F02D 19/02** ( 2006.01 )  
**F02M 21/02** ( 2006.01 )  
**F02M 25/12** ( 2006.01 )
- (87) WO2017/155895  
(31) 62/304,935 (32) 07.03.16 (33) US  
(43) 14.09.2017  
(44) 12.01.2023  
(72) Johnson, Evan Charles; Filkins, Adam Anthony; Deming, Herbert Daniel; Dean, Henry White; Jennings, Phillip Edward  
(74) FB Rice Pty Ltd
- 
- (71) Illinois Tool Works Inc.  
(11) AU-B-2017301641  
(21) 2017301641 (22) 19.07.2017  
(54) Method and apparatus for applying a corrosion-resistant coating to fasteners  
(51) Int. Cl.  
**C23C 2/06** ( 2006.01 )  
**B05C 5/02** ( 2006.01 )  
**B05C 9/14** ( 2006.01 )  
**B21G 3/00** ( 2006.01 )  
**B21G 5/00** ( 2006.01 )  
**C23C 2/26** ( 2006.01 )  
**C23C 4/02** ( 2006.01 )  
**C23C 4/073** ( 2016.01 )  
**C23C 4/08** ( 2006.01 )  
**C23C 4/131** ( 2016.01 )  
**C23C 4/18** ( 2006.01 )  
**C25D 3/22** ( 2006.01 )  
**C25D 7/00** ( 2006.01 )
- (87) WO2018/022374  
(31) 62/367,978 (32) 28.07.16 (33) US  
15/649,153 13.07.17 US  
(43) 01.02.2018  
(44) 12.01.2023  
(72) Horst, Christopher A.; Bergstrom, Donald E.; Bertelsen, Johnny; Andersen, Signe Tolberg; Sørensen, Flemming  
(74) Davies Collison Cave Pty Ltd
- 
- (71) Immersive Robotics Pty Ltd  
(11) AU-B-2018217434  
(21) 2018217434 (22) 07.02.2018  
(54) Displaying content to users in a multi-player venue  
(51) Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**G06F 15/00** ( 2006.01 )  
**H04B 7/00** ( 2006.01 )
- (87) WO2018/145154  
(31) 2017900390 (32) 08.02.17 (33) AU  
62/461,185 20.02.17 US  
62/553,334 01.09.17 US  
(43) 16.08.2018

Applications Accepted - Name Index cont'd

(44) 12.01.2023  
 (72) Lucas, Timothy Simon; Fitzgerald, Daniel Liam; Lamb, Rodney Ian  
 (74) Davies Collison Cave Pty Ltd

(71) Immunogen, Inc.  
 (11) AU-B-2021203148  
 (21) 2021203148 (22) 17.05.2021  
 (54) Methods of preparing cytotoxic benzodiazepine derivatives  
 (51) Int. Cl.  
 C07D 487/04 ( 2006.01 )  
 (43) 10.06.2021  
 (44) 12.01.2023  
 (62) 2016297087  
 (72) Gerard, Baudouin; Shizuka, Manami; Miller, Michael Louis; Silva, Richard A.  
 (74) Davies Collison Cave Pty Ltd

(71) Impossible Foods Inc.  
 (11) AU-B-2021212071  
 (21) 2021212071 (22) 05.08.2021  
 (54) Non-dairy cheese replica comprising a coacervate  
 (51) Int. Cl.  
 A23C 19/055 ( 2006.01 )  
 (43) 26.08.2021  
 (44) 12.01.2023  
 (62) 2019246895  
 (72) HOLZ-SCHIETINGER, Celeste; KLAPHOLZ, Sue; VARADAN, Ranjani; CASINO, Monte; BROWN, Patrick O'Reilly; EISEN, Michael; COHN, Elysia; PREVOT, Jean  
 (74) Spruson & Ferguson

(71) Imtrade Australia Pty Ltd  
 (11) AU-B-2018204615  
 (21) 2018204615 (22) 25.06.2018  
 (54) A GRANULAR COMPOSITION  
 (51) Int. Cl.  
 A01N 25/12 ( 2006.01 )  
 (31) 2017902624 (32) 05.07.17 (33) AU  
 (43) 24.01.2019  
 (44) 12.01.2023  
 (72) Rainbird, Ross; McPhee, Neil  
 (74) Spruson & Ferguson

(71) Inhibrx, Inc.  
 (11) AU-B-2021202131  
 (21) 2021202131 (22) 07.04.2021  
 (54) Serpin fusion polypeptides and methods of use thereof  
 (51) Int. Cl.  
 C07K 16/46 ( 2006.01 )  
 (43) 06.05.2021  
 (44) 12.01.2023  
 (62) 2019202904  
 (72) Eckelman, Brendan P.; Timmer, John C.; Nguy, Peter L.; Guenther, Grant B.; Deveraux, Quinn  
 (74) FPA Patent Attorneys Pty Ltd

(71) Innopharmax, Inc.  
 (11) AU-B-2017273495  
 (21) 2017273495 (22) 02.06.2017

(54) Metronomic oral gemcitabine for cancer therapy  
 (51) Int. Cl.  
 A61K 9/107 ( 2006.01 )  
 A61K 9/48 ( 2006.01 )  
 A61K 31/7068 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2017/206940  
 (31) 62/344,660 (32) 02.06.16 (33) US  
 (43) 07.12.2017  
 (44) 12.01.2023  
 (72) Hao, Wei-Hua; Hsueh, Shu-Piing; Hsu, Chang-Shan  
 (74) Griffith Hack

(71) Inoptec Limited, Zweigniederlassung Deutschland  
 (11) AU-B-2021218127  
 (21) 2021218127 (22) 19.08.2021  
 (54) Electronic Spectacles  
 (51) Int. Cl.  
 G02C 7/10 ( 2006.01 )  
 A61F 9/02 ( 2006.01 )  
 (43) 09.09.2021  
 (44) 12.01.2023  
 (62) 2020202124  
 (72) Knoll, Ralf G. J.  
 (74) Dennemeyer & Associates

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences  
 (11) AU-B-2022200548  
 (21) 2022200548 (22) 28.01.2022  
 (54) CO2 STORAGE STATE NETWORKING MONITORING DEVICE, SYSTEM AND METHOD WITH MULTI-INFORMATION FUSION  
 (51) Int. Cl.  
 G01V 3/18 ( 2006.01 )  
 E21B 47/06 ( 2012.01 )  
 (31) 202111527288.4 (32) 15.12.21 (33) CN  
 (43) 12.01.2023  
 (44) 12.01.2023  
 (72) ZHANG, Wang; TIAN, Fei; ZHOU, Yongjian; ZHENG, Wenhao; YANG, Yongwen  
 (74) Alder IP Pty Ltd

(71) Institut Pasteur de Montevideo; Universidad de la República; Batthyány, C.  
 (11) AU-B-2017342167  
 (21) 2017342167 (22) 16.10.2017  
 (54) Methods of treatment of inflammation related conditions using pluripotent anti-inflammatory and metabolic modulators  
 (51) Int. Cl.  
 A61K 31/192 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 43/00 ( 2006.01 )  
 (87) WO2018/069907  
 (31) 62/570,973 (32) 11.10.17 (33) US  
 62/408,459 14.10.16 US  
 (43) 19.04.2018  
 (44) 12.01.2023  
 (72) Batthyány, Carlos; López, Gloria; Escande, Carlos; Rodríguez Duarte, Jorge; Porcal Quinta, Williams; Dapueto Capuccio, Rosina; Galliussi López,

Germán; Garat Nuñez, María; Hill, Marcelo; Segovia, Mercedes  
 (74) Spruson & Ferguson

(71) Intergraph Corporation  
 (11) AU-B-2018284102  
 (21) 2018284102 (22) 12.06.2018  
 (54) System and method for generating a photographic police lineup  
 (51) Int. Cl.  
 G06K 9/00 ( 2006.01 )  
 G06K 9/62 ( 2006.01 )  
 (87) WO2018/231797  
 (31) 62/518,192 (32) 12.06.17 (33) US  
 (43) 20.12.2018  
 (44) 12.01.2023  
 (72) Graham, Michael Copeland; McIntire, Timothy Mark; Klotz, Anthony; Yang, Xi-angdong  
 (74) Spruson & Ferguson

(71) International Business Machines Corporation  
 (11) AU-B-2020230012  
 (21) 2020230012 (22) 27.02.2020  
 (54) Spilling temporary results for accommodation of memory boundaries  
 (51) Int. Cl.  
 H03M 7/40 ( 2006.01 )  
 (87) WO2020/174033  
 (31) 16/286,703 (32) 27.02.19 (33) US  
 (43) 03.09.2020  
 (44) 12.01.2023  
 (72) KURUP, Girish Gopala; KLEIN, Matthias; SOFIA, Anthony Thomas; BRADBURY, Jonathan; MISHRA, Ashutosh; JACOBI, Christian; BHATTACHARJEE, Deepankar  
 (74) Spruson & Ferguson

(71) Janssen Biotech, Inc.  
 (11) AU-B-2019346134  
 (21) 2019346134 (22) 24.09.2019  
 (54) Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody  
 (51) Int. Cl.  
 A61K 39/395 ( 2006.01 )  
 C07K 14/54 ( 2006.01 )  
 (87) WO2020/065532  
 (31) 62/735,501 (32) 24.09.18 (33) US  
 62/769,818 20.11.18 US  
 62/895,774 04.09.19 US  
 (43) 02.04.2020  
 (44) 12.01.2023  
 (72) JOHANNIS, Jewel; LI, Katherine; MARANO, Colleen; STRAUSS, Richard; ZHANG, Hongyan; ADEDOKUN, Omoniyi; O'BRIEN, Christopher; SHIELDS-TUTTLE, Kimberly  
 (74) Spruson & Ferguson

(71) Janssen Sciences Ireland Unlimited Company  
 (11) AU-B-2018377993  
 (21) 2018377993 (22) 28.11.2018

Applications Accepted - Name Index cont'd

- (54) Pyrazolopyrimidines having activity against the respiratory syncytial virus (rsv)  
 (51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**C07D 495/04** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
 (87) WO2019/106004  
 (31) 17204280.6 (32) 29.11.17 (33) EP  
 (43) 06.06.2019  
 (44) 12.01.2023  
 (72) LANÇONIS, David Francis Alain; GUILLEMONT, Jérôme Émile Georges; RABOISSON, Pierre Jean-Marie Bernard; ROYMANS, Dirk André Emmy; RIGAUX, Peter; MICHAUT, Antoine Benjamin; MERCEY, Guillaume Jean Maurice  
 (74) Spruson & Ferguson
- 
- (71) JCM American Corporation  
 (11) AU-B-2020261014  
 (21) 2020261014 (22) 22.04.2020  
 (54) Evaluating currency in areas using image processing  
 (51) Int. Cl.  
**G07D 7/00** ( 2016.01 )  
**G07D 7/12** ( 2016.01 )  
**G07D 7/20** ( 2016.01 )  
**G07D 7/206** ( 2016.01 )  
 (87) WO2020/219553  
 (31) 62/838,046 (32) 24.04.19 (33) US  
 16/810,455 05.03.20 US  
 (43) 29.10.2020  
 (44) 12.01.2023  
 (72) PECHINKO, Paul  
 (74) AJ PARK
- 
- (71) Jeong, H.  
 (11) AU-B-2020348517  
 (21) 2020348517 (22) 21.09.2020  
 (54) Automatic bee separation device  
 (51) Int. Cl.  
**A01K 57/00** ( 2006.01 )  
**A01K 59/00** ( 2006.01 )  
 (87) WO2021/054795  
 (31) 10-2019-0116107 (32) 20.09.19 (33) KR  
 (43) 25.03.2021  
 (44) 12.01.2023  
 (72) JEONG, Hyuk  
 (74) Collison & Co
- 
- (71) Johannes Lübbering GmbH  
 (11) AU-B-2018251664  
 (21) 2018251664 (22) 31.01.2018  
 (54) Screw device and hand-held screw system  
 (51) Int. Cl.  
**B25B 13/48** ( 2006.01 )  
**B25B 17/00** ( 2006.01 )  
**B25B 23/142** ( 2006.01 )  
 (87) WO2018/188829  
 (31) 17166609.2 (32) 13.04.17 (33) EP  
 (43) 18.10.2018

- (44) 12.01.2023  
 (72) Langhorst, Thomas  
 (74) Spruson & Ferguson
- 
- (71) Joy Global Underground Mining LLC  
 (11) AU-B-2020286272  
 (21) 2020286272 (22) 10.12.2020  
 (54) Mining Machine with Driven Disc Cutters  
 (51) Int. Cl.  
**E21C 25/18** ( 2006.01 )  
 (43) 21.01.2021  
 (44) 12.01.2023  
 (62) 2018274921  
 (72) De Andrade, Alex Freire; Veldman, Charl Christo; Moller, Arthur Kenneth; Skea, Theuns Fichardt; De Sousa, Joaquim Antonio Soares  
 (74) Griffith Hack
- 
- (71) Kabushiki Kaisha Toyota Jidoshokki  
 (11) AU-B-2020248138  
 (21) 2020248138 (22) 12.03.2020  
 (54) Internal combustion engine  
 (51) Int. Cl.  
**F02M 26/19** ( 2016.01 )  
**F02M 35/10** ( 2006.01 )  
 (87) WO2020/195866  
 (31) 2019-056777 (32) 25.03.19 (33) JP  
 (43) 01.10.2020  
 (44) 12.01.2023  
 (72) TAKAHASHI, Noriyoshi; MOMOSE, Koji  
 (74) Griffith Hack
- 
- (71) Kenwood Limited  
 (11) AU-B-2017224944  
 (21) 2017224944 (22) 24.02.2017  
 (54) Kitchen appliance  
 (51) Int. Cl.  
**A47J 36/06** ( 2006.01 )  
**A47J 37/10** ( 2006.01 )  
**A47J 43/07** ( 2006.01 )  
 (87) WO2017/144914  
 (31) 1603316.9 (32) 25.02.16 (33) GB  
 (43) 31.08.2017  
 (44) 12.01.2023  
 (72) Hunt, Martin; Seidler, Mark; Woodling, Ben  
 (74) Griffith Hack
- 
- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2017401886  
 (21) 2017401886 (22) 27.04.2017  
 (54) Elasticated materials with directional stretch properties  
 (51) Int. Cl.  
**A61F 13/49** ( 2006.01 )  
**A61F 13/496** ( 2006.01 )  
 (87) WO2018/160208  
 (31) 62/464,640 (32) 28.02.17 (33) US  
 (43) 07.09.2018  
 (44) 12.01.2023  
 (72) Coenen, Joseph D.; Kaufman, Ross T.; Farmer, Kelly D.; Hameister, Jerry L.  
 (74) Spruson & Ferguson
- 

- (71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2019422265  
 (21) 2019422265 (22) 18.01.2019  
 (54) Layered tissue comprising long, high-coarseness wood pulp fibers  
 (51) Int. Cl.  
**D21H 27/38** ( 2006.01 )  
**D21H 11/04** ( 2006.01 )  
 (87) WO2020/149849  
 (43) 23.07.2020  
 (44) 12.01.2023  
 (72) SHANNON, Thomas Gerard; LINDSAY, Stephen Michael; THOMPSON, Brent Merrick; UNDERHILL, Richard Louis  
 (74) Spruson & Ferguson
- 
- (71) Klomfass Gierlings & Partner GbR  
 (11) AU-B-2018319331  
 (21) 2018319331 (22) 22.08.2018  
 (54) Device for laminating a substrate with a thermoplastic coating material  
 (51) Int. Cl.  
**B32B 37/00** ( 2006.01 )  
**B32B 37/08** ( 2006.01 )  
**B32B 37/06** ( 2006.01 )  
 (87) WO2019/038311  
 (31) 10 2017 119 576.9 (32) 25.08.17 (33) DE  
 (43) 28.02.2019  
 (44) 12.01.2023  
 (72) GIERLINGS, Michael; KLOMFASS, Thorsten-Derrick  
 (74) Spruson & Ferguson
- 
- (71) KM Biologics Co., Ltd.  
 (11) AU-B-2018323502  
 (21) 2018323502 (22) 29.08.2018  
 (54) Modified HSV gD protein and vaccine containing same  
 (51) Int. Cl.  
**C07K 14/035** ( 2006.01 )  
**A61K 39/245** ( 2006.01 )  
**A61P 31/22** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
 (87) WO2019/044925  
 (31) 2017-165681 (32) 30.08.17 (33) JP  
 (43) 07.03.2019  
 (44) 12.01.2023  
 (72) MORI, Hiroaki; NISHIMURA, Tomohiro; SHIMIZU, Hiroyuki; KOUBE, Akihiro; KATAYAMA, Takahiro  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Komatsu Ltd.  
 (11) AU-B-2020263550  
 (21) 2020263550 (22) 07.04.2020  
 (54) System and method for controlling work machine  
 (51) Int. Cl.  
**E02F 9/20** ( 2006.01 )  
**H04Q 9/00** ( 2006.01 )  
 (87) WO2020/217977  
 (31) 2019-082976 (32) 24.04.19 (33) JP  
 (43) 29.10.2020  
 (44) 12.01.2023  
 (72) TAKAOKA, Yukihiisa  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

- (71) Komatsu Ltd.  
 (11) AU-B-2021201894  
 (21) 2021201894 (22) 26.03.2021  
 (54) Shape measuring system and shape measuring method  
 (51) Int. Cl.  
 G01C 11/06 ( 2006.01 )  
 E02F 9/26 ( 2006.01 )  
 G01C 15/00 ( 2006.01 )  
 (43) 22.04.2021  
 (44) 12.01.2023  
 (62) 2019210643  
 (72) Yamaguchi, Hiroyoshi; Sugawara, Taiki; Kawamoto, Shun  
 (74) Spruson & Ferguson
- 
- (71) Konecranes Global Corporation  
 (11) AU-B-2017281297  
 (21) 2017281297 (22) 21.06.2017  
 (54) System for transporting containers using automated and manually driven heavy goods vehicles  
 (51) Int. Cl.  
 B65G 63/00 ( 2006.01 )  
 G05D 1/02 ( 2006.01 )  
 (87) WO2017/220626  
 (31) 10 2016 111 447.2 (32) 22.06.16 (33) DE  
 (43) 28.12.2017  
 (44) 12.01.2023  
 (72) Wieschemann, Armin; Aldejohann, Stefan; Schulz, Heiko; Schmidt-Ewig, Jan-Philipp; Eichner, Heinz  
 (74) Spruson & Ferguson
- 
- (71) Kongsberg Maritime AS  
 (11) AU-B-2017287785  
 (21) 2017287785 (22) 28.06.2017  
 (54) Tug approach control  
 (51) Int. Cl.  
 B63B 21/00 ( 2006.01 )  
 G01L 5/00 ( 2006.01 )  
 G01S 13/93 ( 2006.01 )  
 (87) WO2018/004352  
 (31) 20161095 (32) 30.06.16 (33) NO  
 (43) 04.01.2018  
 (44) 12.01.2023  
 (72) Levander, Oskar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Kortek Corporation  
 (11) AU-B-2020255118  
 (21) 2020255118 (22) 10.03.2020  
 (54) Operation device  
 (51) Int. Cl.  
 H01H 21/36 ( 2006.01 )  
 A63F 13/90 ( 2014.01 )  
 (87) WO2020/204378  
 (31) 10-2019-0039529 (32) 04.04.19 (33) KR  
 10-2019-0094759 05.08.19 KR  
 (43) 08.10.2020  
 (44) 12.01.2023  
 (72) KIM, Jin Seok  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Kyoto University  
 (11) AU-B-2017248985  
 (21) 2017248985 (22) 14.04.2017  
 (54) Method for inducing antigen specific CD8 positive T cells  
 (51) Int. Cl.  
 C12N 5/10 ( 2006.01 )  
 A61K 35/17 ( 2015.01 )  
 A61P 37/04 ( 2006.01 )  
 C12N 5/0783 ( 2010.01 )  
 (87) WO2017/179720  
 (31) 2016-082410 (32) 15.04.16 (33) JP  
 (43) 19.10.2017  
 (44) 12.01.2023  
 (72) Kawamoto, Hiroshi; Maeda, Takuya; Masuda, Kyoko  
 (74) FB Rice Pty Ltd
- 
- (71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude  
 (11) AU-B-2017324488  
 (21) 2017324488 (22) 19.07.2017  
 (54) Facility, method for storing and liquefying a liquefied gas and associated transport vehicle  
 (51) Int. Cl.  
 F17C 5/04 ( 2006.01 )  
 (87) WO2018/046809  
 (31) 1658258 (32) 06.09.16 (33) FR  
 (43) 15.03.2018  
 (44) 12.01.2023  
 (72) Bernhardt, Jean-Marc; Durand, Fabien; Gondrand, Cécile; Grabie, Véronique  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Lam, T.T.  
 (11) AU-B-2021290398  
 (21) 2021290398 (22) 25.12.2021  
 (54) SYSTEM OF HANGING LIQUID DAMPING TANK FOR FLOATING SOLAR TRACKING SYSTEMS  
 (51) Int. Cl.  
 B63B 35/44 ( 2006.01 )  
 H02S 20/32 ( 2014.01 )  
 (31) 2021903913 (32) 03.12.21 (33) AU  
 2021903962 08.12.21 AU  
 (43) 12.01.2023  
 (44) 12.01.2023  
 (72) Lam, Thanh Tri  
 (74) Thanh Tri Lam
- 
- (71) Les Laboratoires Servier  
 (11) AU-B-2019243289  
 (21) 2019243289 (22) 28.03.2019  
 (54) Heterobicyclic inhibitors of MAT2A and methods of use for treating cancer  
 (51) Int. Cl.  
 C07D 471/20 ( 2006.01 )  
 A61K 31/4375 ( 2006.01 )  
 A61K 31/498 ( 2006.01 )  
 A61K 31/4985 ( 2006.01 )  
 A61K 31/502 ( 2006.01 )  
 A61K 31/519 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2019/191470  
 (31) PCT/ CN2018/081328 (32) 30.03.18 (33) CN  
 (43) 03.10.2019
- 
- (71) Leukogene Therapeutics Incorporated; MUSC Foundation for Research Development  
 (11) AU-B-2018323528  
 (21) 2018323528 (22) 29.08.2018  
 (54) Indene derivatives and uses thereof  
 (51) Int. Cl.  
 C07C 233/23 ( 2006.01 )  
 C07C 233/41 ( 2006.01 )  
 C07C 235/36 ( 2006.01 )  
 (87) WO2019/046368  
 (31) 62/552,449 (32) 31.08.17 (33) US  
 (43) 07.03.2019  
 (44) 12.01.2023  
 (72) DOLLOFF, Nathan G.; ROBINSON, Reeder M.; REITZ, Allen B.; BIAN, Haiyan  
 (74) Griffith Hack
- 
- (71) LG Electronics Inc.  
 (11) AU-B-2019328101  
 (21) 2019328101 (22) 30.08.2019  
 (54) Induction heating apparatus and control method of induction heating apparatus  
 (51) Int. Cl.  
 H05B 6/06 ( 2006.01 )  
 H05B 6/12 ( 2006.01 )  
 (87) WO2020/046067  
 (31) 10-2018-0103042 (32) 30.08.18 (33) KR  
 (43) 05.03.2020  
 (44) 12.01.2023  
 (72) PARK, Wongyu; KIM, Gwang Rok; YOON, Bada  
 (74) Dentons Patent Attorneys Australasia Limited
- 
- (71) LG Electronics Inc.  
 (11) AU-B-2019336879  
 (21) 2019336879 (22) 04.09.2019  
 (54) Laundry treating apparatus  
 (51) Int. Cl.  
 D06F 58/12 ( 2006.01 )  
 D06F 35/00 ( 2006.01 )  
 D06F 58/24 ( 2006.01 )  
 D06F 58/26 ( 2006.01 )  
 D06F 58/30 ( 2020.01 )  
 (87) WO2020/050610  
 (31) 10-2018-0106544 (32) 06.09.18 (33) KR  
 10-2018-0106545 06.09.18 KR  
 (43) 12.03.2020  
 (44) 12.01.2023  
 (72) LEE, Donghwan; KIM, Myungshik; SEONG, Jeaseok; HAN, Sungkyong; HEO, Junyi  
 (74) FB Rice Pty Ltd
- 
- (71) LG Electronics Inc.  
 (11) AU-B-2019369876

Applications Accepted - Name Index cont'd

(21) 2019369876 (22) 09.07.2019  
 (54) Laundry treating device  
 (51) Int. Cl.  
*D06F 39/04* ( 2006.01 )  
*D06F 58/26* ( 2006.01 )  
*G01J 5/00* ( 2006.01 )  
*H05B 6/10* ( 2006.01 )  
 (87) WO2020/091186  
 (31) 10-2018-0130769 (32) 30.10.18 (33) KR  
 (43) 07.05.2020  
 (44) 12.01.2023  
 (72) KIM, Woore; KIM, Beomjun; HONG, Sangwook  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2019380200  
 (21) 2019380200 (22) 13.11.2019  
 (54) Ice maker and refrigerator  
 (51) Int. Cl.  
*F25C 1/24* ( 2018.01 )  
*F25C 1/25* ( 2018.01 )  
*F25D 23/12* ( 2006.01 )

(87) WO2020/101368  
 (31) 10-2018-0142115 (32) 16.11.18 (33) KR  
 10-2019-0089841 24.07.19 KR  
 (43) 22.05.2020  
 (44) 12.01.2023  
 (72) KIM, Yonghyun; HONG, Jinil  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2019384866  
 (21) 2019384866 (22) 13.11.2019  
 (54) Ice maker and refrigerator  
 (51) Int. Cl.  
*F25C 1/24* ( 2018.01 )  
*F25C 1/18* ( 2006.01 )  
*F25C 1/25* ( 2018.01 )  
*F25C 5/08* ( 2006.01 )

(87) WO2020/105950  
 (31) 10-2018-0142446 (32) 19.11.18 (33) KR  
 (43) 28.05.2020  
 (44) 12.01.2023  
 (72) KIM, Yonghyun; HONG, Jinil  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2021202971  
 (21) 2021202971 (22) 10.05.2021  
 (54) Method for transmitting uplink control information and apparatus therefor  
 (51) Int. Cl.  
*H04L 5/00* ( 2006.01 )  
*H04L 1/18* ( 2006.01 )

(43) 03.06.2021  
 (44) 12.01.2023  
 (62) 2019202687  
 (72) Park, Hanjun; Yang, Suckchel; Ahn, Joonkui; Lee, Seungmin; Hwang, Daesung  
 (74) Griffith Hack

(71) Libertas Bio, Inc.  
 (11) AU-B-2020277232  
 (21) 2020277232 (22) 26.11.2020

(54) AMINOINDANE COMPOUNDS AND USE THEREOF IN TREATING PAIN  
 (51) Int. Cl.

*C07D 207/09* ( 2006.01 )  
*A61K 31/452* ( 2006.01 )  
*A61P 23/02* ( 2006.01 )  
*A61P 29/02* ( 2006.01 )  
*C07D 211/26* ( 2006.01 )  
*C07D 401/12* ( 2006.01 )  
*C07D 405/12* ( 2006.01 )  
*C07D 417/12* ( 2006.01 )  
*C07D 471/10* ( 2006.01 )  
*C07D 498/10* ( 2006.01 )

(43) 24.12.2020  
 (44) 12.01.2023  
 (62) 2018260936  
 (72) Thompson, Scott Kevin; Priestley, Tony; Smith, Roger Astbury; Saha, Ashis K.; Rudra, Sonali; Hajra, Arun Kuma; Chatterjee, Dipanwita; Behrens, Carl Henry; He, Yigang; Li, Hui-Yin  
 (74) Phillips Ormonde Fitzpatrick

(71) Liebherr-Mining Equipment Colmar SAS

(11) AU-B-2017204054  
 (21) 2017204054 (22) 15.06.2017  
 (54) Device for recovering hydraulic energy by connecting two differential cylinders  
 (51) Int. Cl.  
*F15B 21/14* ( 2006.01 )  
*F15B 1/02* ( 2006.01 )

(31) 102016007267.9 (32) 15.06.16 (33) DE  
 (43) 18.01.2018  
 (44) 12.01.2023  
 (72) HAHN, Philipp; GLINIORZ, Volker; BONNETOT, Guillaume  
 (74) FB Rice Pty Ltd

(71) Liebherr-Mining Equipment Colmar SAS

(11) AU-B-2017232200  
 (21) 2017232200 (22) 22.09.2017  
 (54) Method for assisting an excavator operator with the loading of a transportation implement and assistance system  
 (51) Int. Cl.

*E21C 47/00* ( 2006.01 )  
*G06Q 50/02* ( 2012.01 )  
 (31) 102016011530.0 (32) 23.09.16 (33) DE  
 (43) 12.04.2018  
 (44) 12.01.2023  
 (72) Gliniorz, Volker; Bonnetot, Guillaume; Weiss, Oliver  
 (74) FB Rice Pty Ltd

(71) Lightforce Australia Pty Limited

(11) AU-B-2021323936  
 (21) 2021323936 (22) 10.08.2021  
 (54) A rifle receiver arrangement and a method of assembly of a rifle barrel to said rifle receiver  
 (51) Int. Cl.

*F41A 3/66* ( 2006.01 )  
*F16B 35/00* ( 2006.01 )  
*F16B 39/00* ( 2006.01 )  
*F41A 11/02* ( 2006.01 )  
*F41A 21/48* ( 2006.01 )

(87) WO2022/032334

(31) 2020902870 (32) 13.08.20 (33) AU  
 (43) 17.02.2022  
 (44) 12.01.2023  
 (72) CHIARA, Larry; DENNIS, Raymond L.  
 (74) Collison & Co

(71) LightLab Imaging, Inc.

(11) AU-B-2021203057  
 (21) 2021203057 (22) 13.05.2021  
 (54) INTRAVASCULAR DATA VISUALIZATION METHOD  
 (51) Int. Cl.

*A61B 5/00* ( 2006.01 )  
*A61B 5/02* ( 2006.01 )  
 (43) 10.06.2021  
 (44) 12.01.2023  
 (62) 2016297930  
 (72) Gopinath, Ajay; Adler, Desmond; Dion, Denis; Griffin, Christopher E.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Maclaren-Taylor, A.K.

(11) AU-B-2016202423  
 (21) 2016202423 (22) 15.04.2016  
 (54) Wall Mount  
 (51) Int. Cl.  
*A47K 10/10* ( 2006.01 )  
*A47K 5/02* ( 2006.01 )  
*F16M 13/02* ( 2006.01 )

(43) 02.11.2017  
 (44) 12.01.2023  
 (61) 2012280895  
 (72) Maclaren-Taylor, Andrew Keith  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Magic Leap, Inc.

(11) AU-B-2017266933  
 (21) 2017266933 (22) 18.05.2017  
 (54) Contextual awareness of user interface menus  
 (51) Int. Cl.  
*G09G 5/00* ( 2006.01 )

(87) WO2017/201329  
 (31) 62/380,869 (32) 29.08.16 (33) US  
 62/339,572 20.05.16 US  
 (43) 23.11.2017  
 (44) 12.01.2023  
 (72) Powderly, James M.; Naples, Alysha; Hoover, Paul Armistead; Spofford, Tucker  
 (74) Davies Collison Cave Pty Ltd

(71) Malta Inc.

(11) AU-B-2020294244  
 (21) 2020294244 (22) 23.12.2020  
 (54) Modular thermal storage  
 (51) Int. Cl.  
*F01K 23/02* ( 2006.01 )  
*F01D 15/10* ( 2006.01 )  
*F01D 17/14* ( 2006.01 )  
*F02C 6/14* ( 2006.01 )

(43) 28.01.2021

Applications Accepted - Name Index cont'd

- (44) 12.01.2023  
 (62) 2017386262  
 (72) APTE, Raj; LAROCHELLE, Philippe; GREEN, Julian  
 (74) Spruson & Ferguson
- 
- MASIZ, J.J. see Biophysics Pharma, Inc.**  
 (21) 2019349935
- 
- (71) Match Group, LLC  
 (11) AU-B-2021225871  
 (21) 2021225871 (22) 26.02.2021  
 (54) System and method for matching using location information  
 (51) Int. Cl.  
*H04W 64/00* ( 2009.01 )  
*G08B 1/08* ( 2006.01 )  
*H04W 4/02* ( 2018.01 )  
*H04W 4/021* ( 2018.01 )  
*H04W 4/029* ( 2018.01 )  
*H04W 4/21* ( 2018.01 )  
 (87) WO2021/173899  
 (31) 16/805,426 (32) 28.02.20 (33) US  
 (43) 02.09.2021  
 (44) 12.01.2023  
 (72) BURRELL, Robinne; SCHNEIDER, Anna M.; DUBEY, Sharmistha; DORSETT, Deryl; MILLER, Kyle; STEVENS, Samantha J.; ROSS, David A.; GAFNI, Joshua D.; HENDERSON, Shane  
 (74) RnB IP Pty Ltd
- 
- (71) Matthews International Corporation  
 (11) AU-B-2017263660  
 (21) 2017263660 (22) 12.05.2017  
 (54) Systems and methods for producing manufacturing molds for metal casting  
 (51) Int. Cl.  
*B22C 7/00* ( 2006.01 )  
*B22D 27/04* ( 2006.01 )  
*C03B 11/00* ( 2006.01 )  
 (87) WO2017/197327  
 (31) 62/335,295 (32) 12.05.16 (33) US  
 (43) 16.11.2017  
 (44) 12.01.2023  
 (72) Wowczuk, Yuriy F.; Geers, Greg  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) Max-Planck-Gesellschaft zur Förderung der Wissenschaften e. V.  
 (11) AU-B-2019425177  
 (21) 2019425177 (22) 21.01.2019  
 (54) Sulfonated 2(7)-aminoacridone and 1-aminopyrene dyes and their use as fluorescent tags, in particular for carbohydrate analysis  
 (51) Int. Cl.  
*C09B 57/00* ( 2006.01 )  
*A61K 49/00* ( 2006.01 )  
*C07C 311/16* ( 2006.01 )  
*C07D 219/08* ( 2006.01 )  
*G01N 21/66* ( 2006.01 )  
*G01N 33/58* ( 2006.01 )  
 (87) WO2020/151804  
 (43) 30.07.2020
- 
- (71) Medos International Sàrl  
 (11) AU-B-2018231239  
 (21) 2018231239 (22) 08.03.2018  
 (54) Surgical visualization systems and related methods  
 (51) Int. Cl.  
*A61B 1/313* ( 2006.01 )  
*A61F 2/46* ( 2006.01 )  
 (87) WO2018/165365  
 (31) 62/468,475 (32) 08.03.17 (33) US  
 15/692,845 31.08.17 US  
 (43) 13.09.2018  
 (44) 12.01.2023  
 (72) Kane, William; Thommen, Daniel; Flock, Judith; Zollmann, Veronique Christine  
 (74) Spruson & Ferguson
- 
- (71) Medos International Sàrl  
 (11) AU-B-2018231241  
 (21) 2018231241 (22) 08.03.2018  
 (54) Devices and methods for providing surgical access  
 (51) Int. Cl.  
*A61B 17/34* ( 2006.01 )  
*A61B 1/313* ( 2006.01 )  
 (87) WO2018/165367  
 (31) 62/468,475 (32) 08.03.17 (33) US  
 15/786,858 18.10.17 US  
 (43) 13.09.2018  
 (44) 12.01.2023  
 (72) White, Michael; Richter, Joern; Klett, Jan; Gully, Stephane; Zollmann, Veronique Christine; Kocharian, Richard  
 (74) Spruson & Ferguson
- 
- (71) Memorial Sloan Kettering Cancer Center  
 (11) AU-B-2018301706  
 (21) 2018301706 (22) 13.07.2018
- 
- (44) 12.01.2023  
 (72) HELL, Stefan W.; BELOV, Vladimir; BISCHOFF, Matthias; MEINEKE, Dirk; THOMAS, Laura; MITRONOVA, Gyuzel; SAVICHEVA, Elizaveta; KOLMAKOV, Kirill; BÖHM, Marvin J.; RAPP, Erdmann; HENNIG, René  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) McNicholas, D.  
 (11) AU-B-2017208021  
 (21) 2017208021 (22) 14.01.2017  
 (54) Compressed natural gas vehicle safety system and method  
 (51) Int. Cl.  
*B60K 28/00* ( 2006.01 )  
*B64D 37/30* ( 2006.01 )  
*B64D 37/32* ( 2006.01 )  
*B67D 7/32* ( 2010.01 )  
 (87) WO2017/124051  
 (31) 15/406,223 (32) 13.01.17 (33) US  
 14/997,502 16.01.16 US  
 (43) 20.07.2017  
 (44) 12.01.2023  
 (72) McNicholas, Daniel  
 (74) WRAYS PTY LTD
- 
- (71) Merck Sharp & Dohme LLC  
 (11) AU-B-2019385905  
 (21) 2019385905 (22) 26.11.2019  
 (54) 9-substituted amino triazolo quinazoline derivatives as adenosine receptor antagonists, pharmaceutical compositions and their use  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2020/112700  
 (31) 62/774,077 (32) 30.11.18 (33) US  
 (43) 04.06.2020  
 (44) 12.01.2023  
 (72) LARSEN, Matthew A.; ALI, Amjad; CUMMING, Jared; DEMONG, Duane; DENG, Qiaolin; GRAHAM, Thomas H.; HENNESSY, Elisabeth; HOOVER, Andrew J.; LIU, Ping; LIU, Kun; MANSOOR, Umar Faruk; PAN, Jianping; PLUMMER, Christopher W.; SATHER, Aaron; SWAMINATHAN, Uma; WANG, Huijun; ZHANG, Yonglian  
 (74) Spruson & Ferguson
- 
- (71) Metso Minerals Industries, Inc.  
 (11) AU-B-2018290317  
 (21) 2018290317 (22) 22.06.2018  
 (54) Hydrocyclone separator  
 (51) Int. Cl.  
*B04C 5/02* ( 2006.01 )  
*B04C 5/23* ( 2006.01 )  
 (87) WO2018/237240  
 (31) 17177481.3 (32) 22.06.17 (33) EP  
 (43) 27.12.2018  
 (44) 12.01.2023  
 (72) KNORR, Brian; GRÖNVALL, Lars  
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
- 
- (71) Micro Motion, Inc.  
 (11) AU-B-2019444480  
 (21) 2019444480 (22) 09.05.2019  
 (54) Determining and identifying anomalies in fork meters  
 (51) Int. Cl.  
*G01N 9/00* ( 2006.01 )  
*G01N 11/16* ( 2006.01 )  
 (87) WO2020/226654  
 (43) 12.11.2020  
 (44) 12.01.2023  
 (72) SMITH, Kevin F.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (54) Weakly supervised image classifier  
 (51) Int. Cl.  
*G06K 9/62* ( 2006.01 )  
*G06N 3/08* ( 2006.01 )  
 (87) WO2019/014649  
 (31) 62/532,795 (32) 14.07.17 (33) US  
 (43) 17.01.2019  
 (44) 12.01.2023  
 (72) FUCHS, Thomas  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

(71) Microsoft Technology Licensing, LLC  
 (11) AU-B-2019350542  
 (21) 2019350542 (22) 26.06.2019  
 (54) Implementing a graphical overlay for a streaming game based on current game scenario  
 (51) Int. Cl.  
**A63F 13/42** ( 2014.01 )  
**A63F 13/2145** ( 2014.01 )  
**A63F 13/22** ( 2014.01 )  
**A63F 13/335** ( 2014.01 )  
**A63F 13/355** ( 2014.01 )  
**A63F 13/533** ( 2014.01 )  
**A63F 13/67** ( 2014.01 )  
 (87) WO2020/068220  
 (31) 16/144,883 (32) 27.09.18 (33) US  
 (43) 02.04.2020  
 (44) 12.01.2023  
 (72) WHEELER, Joseph; NOVAK, Christopher M.; CHAVEZ, Aron R.; ESSELS-STROM, Tyler; WIEST, Peter M.  
 (74) Davies Collison Cave Pty Ltd

(71) Micro-Tech (Nanjing) Co., Ltd.  
 (11) AU-B-2020307419  
 (21) 2020307419 (22) 29.02.2020  
 (54) Tissue clamping and closing device for passing through endoscope  
 (51) Int. Cl.  
**A61B 17/122** ( 2006.01 )  
**A61B 17/128** ( 2006.01 )  
 (87) WO2020/258909  
 (31) 201910575645.0 (32) 28.06.19 (33) CN  
 (43) 30.12.2020  
 (44) 12.01.2023  
 (72) JIN, Hongyan; LENG, Derong; LI, Changqing; LI, Ning; TANG, Zhi; XI, Jiefeng; WEI, Jianyu  
 (74) FPA Patent Attorneys Pty Ltd

(71) Milliken & Company  
 (11) AU-B-2021202103  
 (21) 2021202103 (22) 06.04.2021  
 (54) WASHABLE MULTI-COMPONENT MAGNETIC FLOOR MAT  
 (51) Int. Cl.  
**A47L 23/26** ( 2006.01 )  
 (43) 06.05.2021  
 (44) 12.01.2023  
 (62) 2019204754  
 (72) Love III, Franklin S.; Srivastava, Sudhanshu; Raghavendran, Venkatkrishna; Roberts, Brandon T.; Puthillath, Padmakumar; Kitchen, Dale S.; Dawson, Ty G.  
 (74) Phillips Ormonde Fitzpatrick

(71) Milwaukee Electric Tool Corporation  
 (11) AU-B-2021212128  
 (21) 2021212128 (22) 06.08.2021  
 (54) Power tool with irreversibly lockable compartment  
 (51) Int. Cl.  
**B25F 5/00** ( 2006.01 )  
**H04Q 9/00** ( 2006.01 )  
**H04W 4/00** ( 2018.01 )  
**H04W 48/18** ( 2009.01 )  
 (43) 26.08.2021

(44) 12.01.2023  
 (62) 2018313025  
 (72) HOOSSAINY, Tauhira; COULIS, Christian P.; MATSON, Stephen  
 (74) Griffith Hack

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(71) Mitsubishi Electric Corporation  
 (11) AU-B-2019427660  
 (21) 2019427660 (22) 24.07.2019  
 (54) Refrigerator  
 (51) Int. Cl.  
**F25D 23/06** ( 2006.01 )  
 (87) WO2020/158012  
 (31) PCT/JP2019/002921 (32) 29.01.19 (33) JP  
 (43) 06.08.2020  
 (44) 12.01.2023  
 (72) SUZUKI, Yuhei; OKABE, Makoto  
 (74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Electric Corporation  
 (11) AU-B-2019448451  
 (21) 2019448451 (22) 30.05.2019  
 (54) Indoor unit of air-conditioning apparatus  
 (51) Int. Cl.  
**F24F 13/20** ( 2006.01 )  
**F24F 13/10** ( 2006.01 )  
**F24F 13/22** ( 2006.01 )  
 (87) WO2020/240759  
 (43) 03.12.2020  
 (44) 12.01.2023  
 (72) OBARA, Koichi  
 (74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Heavy Industries Thermal Systems, Ltd.  
 (11) AU-B-2020261995  
 (21) 2020261995 (22) 21.04.2020  
 (54) Drive device  
 (51) Int. Cl.  
**G01J 1/02** ( 2006.01 )  
**F24F 11/89** ( 2018.01 )  
**G01D 11/30** ( 2006.01 )  
**G01J 1/04** ( 2006.01 )  
 (87) WO2020/218299  
 (31) 2019-084061 (32) 25.04.19 (33) JP  
 (43) 29.10.2020  
 (44) 12.01.2023  
 (72) UNO, Naomichi; NUNOME, Yoshinori; MORI, Hironori  
 (74) Phillips Ormonde Fitzpatrick

(71) ModernaTX, Inc.  
 (11) AU-B-2017268399  
 (21) 2017268399 (22) 18.05.2017  
 (54) mRNA combination therapy for the treatment of cancer  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**C07K 14/54** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
 (87) WO2017/201352  
 (31) 62/338,530 (32) 19.05.16 (33) US  
 62/404,173 04.10.16 US  
 62/338,507 18.05.16 US  
 62/338,483 18.05.16 US

62/338,506 18.05.16 US  
 62/338,467 18.05.16 US  
 62/338,505 18.05.16 US  
 62/338,501 18.05.16 US  
 62/338,496 18.05.16 US  
 (43) 23.11.2017  
 (44) 12.01.2023  
 (72) Frederick, Joshua; Hewitt, Susannah; Bai, Ailin; Hoge, Stephen; Presnyak, Vladimir; McFadyen, Iain; Benenato, Kerry; Kumarasinghe, Ellalahewage Sathyajith  
 (74) Griffith Hack

(71) Modibodi Australia Pty Ltd  
 (11) AU-B-2018317934  
 (21) 2018317934 (22) 15.08.2018  
 (54) Protective insert and a garment including such protective insert  
 (51) Int. Cl.  
**A61F 13/537** ( 2006.01 )  
**A41B 9/00** ( 2006.01 )  
**A41C 3/00** ( 2006.01 )  
**A41D 7/00** ( 2006.01 )  
**A61F 13/476** ( 2006.01 )  
**A61F 13/511** ( 2006.01 )  
**A61F 13/514** ( 2006.01 )  
**A61F 13/66** ( 2006.01 )  
 (87) WO2019/033163  
 (31) 2017903309 (32) 17.08.17 (33) AU  
 (43) 21.02.2019  
 (44) 12.01.2023  
 (72) CHONG, Kristy  
 (74) Phillips Ormonde Fitzpatrick

(71) Molecular Templates, Inc.  
 (11) AU-B-2018213194  
 (21) 2018213194 (22) 24.01.2018  
 (54) Cell-targeting molecules comprising de-immunized, Shiga toxin A Subunit effectors and CD8+ T-cell epitopes  
 (51) Int. Cl.  
**C07K 14/25** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/12** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
 (87) WO2018/140427  
 (31) 62/450,506 (32) 25.01.17 (33) US  
 (43) 02.08.2018  
 (44) 12.01.2023  
 (72) Poma, Eric; Willert, Erin; Rajagopalan, Sangeetha; Robinson, Garrett Lee; Brieschke, Brigitte; Kim, Jason  
 (74) FPA Patent Attorneys Pty Ltd

(71) Motorola Solutions, Inc.  
 (11) AU-B-2021266234  
 (21) 2021266234 (22) 09.11.2021  
 (54) PORTABLE RADIO WITH BUTTON OVER SPEAKER  
 (51) Int. Cl.  
**H04B 1/034** ( 2006.01 )  
**H01H 13/00** ( 2006.01 )  
 (43) 02.12.2021  
 (44) 12.01.2023  
 (62) 2020254409  
 (72) Moralejo, Eduardo; Bartlett, Rammone; Gilmore, Steven; Koay, Kenney  
 (74) Phillips Ormonde Fitzpatrick

**Applications Accepted - Name Index cont'd**

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**MUSC Foundation for Research Development see Leukogene Therapeutics Incorporated**

**(21)** 2018323528

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**(71)** MX Technologies Inc.  
**(11)** AU-B-2021201221  
**(21)** 2021201221 **(22)** 25.02.2021  
**(54)** Distributed, decentralized data aggregation  
**(51)** Int. Cl.  
*G06F 15/16* ( 2006.01 )  
**(43)** 11.03.2021  
**(44)** 12.01.2023  
**(62)** 2019204495  
**(72)** CALDWELL, John Ryan  
**(74)** Griffith Hack

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**Nanyang Technological University see Thales**

**(21)** 2018269662

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**(71)** Nativus, Inc.  
**(11)** AU-B-2017228277  
**(21)** 2017228277 **(22)** 24.02.2017  
**(54)** Rotary heat exchanger  
**(51)** Int. Cl.  
*F28F 5/04* ( 2006.01 )  
*F25B 3/00* ( 2006.01 )  
*F28D 11/02* ( 2006.01 )  
**(87)** WO2017/151439  
**(31)** 62/301,494 **(32)** 29.02.16 **(33)** US  
**(43)** 08.09.2017  
**(44)** 12.01.2023  
**(72)** Miller, Matthew C.  
**(74)** Adrian M Trioli Patent and Trade Mark Attorney

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**(71)** nChain Holdings Limited  
**(11)** AU-B-2017222468  
**(21)** 2017222468 **(22)** 14.02.2017  
**(54)** Agent-based turing complete transactions integrating feedback within a blockchain system  
**(51)** Int. Cl.  
*G06Q 20/06* ( 2012.01 )  
*G06N 7/00* ( 2006.01 )  
**(87)** WO2017/145006  
**(31)** 1603114.8 **(32)** 23.02.16 **(33)** GB  
 1603112.2 23.02.16 GB  
**(43)** 31.08.2017  
**(44)** 12.01.2023  
**(72)** Wright, Craig Steven; Savannah, Stephane  
**(74)** James & Wells Intellectual Property

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**(71)** nChain Holdings Limited  
**(11)** AU-B-2017222470  
**(21)** 2017222470 **(22)** 14.02.2017  
**(54)** Tokenisation method and system for implementing exchanges on a blockchain  
**(51)** Int. Cl.  
*G06Q 20/06* ( 2012.01 )  
*G06N 7/00* ( 2006.01 )

*G06Q 20/38* ( 2012.01 )  
**(87)** WO2017/145008  
**(31)** 1605571.7 **(32)** 01.04.16 **(33)** GB  
 1604225.1 11.03.16 GB  
 1603125.4 23.02.16 GB  
 1603114.8 23.02.16 GB  
 1619301.3 15.11.16 GB  
 1607249.8 26.04.16 GB  
 1606630.0 15.04.16 GB  
 1603123.9 23.02.16 GB  
 1603117.1 23.02.16 GB  
**(43)** 31.08.2017  
**(44)** 12.01.2023  
**(72)** Wright, Craig Steven; Savannah, Stephane  
**(74)** James & Wells Intellectual Property

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**(71)** Neste Oyj  
**(11)** AU-B-2019310763  
**(21)** 2019310763 **(22)** 19.07.2019  
**(54)** Purification of recycled and renewable organic material  
**(51)** Int. Cl.  
*C11B 3/00* ( 2006.01 )  
*C10G 3/00* ( 2006.01 )  
*C11B 3/06* ( 2006.01 )  
*C11B 3/10* ( 2006.01 )  
**(87)** WO2020/020769  
**(31)** 20185652 **(32)** 20.07.18 **(33)** FI  
**(43)** 30.01.2020  
**(44)** 12.01.2023  
**(72)** TOUKONIITTY, Blanka; PAASIKALLIO, Ville; PASANEN, Jukka-Pekka; TOURONEN, Jouni; HOVI, Meri; PASANEN, Antti; LIKANDER, Salla; TOPPINEN, Sami; AALTO, Pekka; JANSOON, Kari; LINDBLAD, Marina; KÄLDSTRÖM, Mats; LAMMINPÄÄ, Kaisa  
**(74)** Spruson & Ferguson

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**(71)** Neurovision Pharma GmbH  
**(11)** AU-B-2020257116  
**(21)** 2020257116 **(22)** 22.10.2020  
**(54)** Antisense-oligonucleotides as inhibitors of TGF-R signaling  
**(51)** Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/7088* ( 2006.01 )  
**(43)** 19.11.2020  
**(44)** 12.01.2023  
**(62)** 2015345006  
**(72)** Hossbach, Markus; Krampert, Monika; Arth, Hans-Lothar  
**(74)** Spruson & Ferguson

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**(71)** Nicoventures Trading Limited  
**(11)** AU-B-2020234057  
**(21)** 2020234057 **(22)** 11.03.2020  
**(54)** An article for use in an aerosol provision system  
**(51)** Int. Cl.  
*A24D 1/02* ( 2006.01 )  
*A24D 1/20* ( 2020.01 )  
**(87)** WO2020/183174  
**(31)** 1903272.1 **(32)** 11.03.19 **(33)** GB  
 1918987.7 20.12.19 GB  
**(43)** 17.09.2020

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**(44)** 12.01.2023  
**(72)** PHILLIPS, Jeremy; FORSHAW, James  
**(74)** Spruson & Ferguson

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**(71)** Nicoventures Trading Limited  
**(11)** AU-B-2021254534  
**(21)** 2021254534 **(22)** 19.10.2021  
**(54)** Data capture across devices  
**(51)** Int. Cl.  
*A24F 47/00* ( 2020.01 )  
*H04W 4/80* ( 2018.01 )  
**(43)** 18.11.2021  
**(44)** 12.01.2023  
**(62)** 2018394162  
**(72)** Moloney, Patrick; Kersey, Robert; Baker, Darryl  
**(74)** Spruson & Ferguson

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**(71)** Nissan Chemical Corporation  
**(11)** AU-B-2017211461  
**(21)** 2017211461 **(22)** 26.01.2017  
**(54)** Single-stranded oligonucleotide  
**(51)** Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/7088* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12P 19/34* ( 2006.01 )  
**(87)** WO2017/131124  
**(31)** 2016-012804 **(32)** 26.01.16 **(33)** JP  
 2016-158833 12.08.16 JP  
**(43)** 03.08.2017  
**(44)** 12.01.2023  
**(72)** Iriyama, Yusuke; Nakajima, Hiroyuki; Kanaki, Tatsuro  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** NOLANGROUP S.p.A.  
**(11)** AU-B-2017210620  
**(21)** 2017210620 **(22)** 04.08.2017  
**(54)** HELMET WITH REMOVABLE PADDING ELEMENT  
**(51)** Int. Cl.  
*A42B 3/00* ( 2006.01 )  
**(31)** 102016000083163 **(32)** 05.08.16 **(33)** IT  
**(43)** 22.02.2018  
**(44)** 12.01.2023  
**(72)** Salvetti, Alberto; Mandelli, Alberto; D'Adda, Giuseppe  
**(74)** Patent Attorney Services

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**(71)** Novartis AG  
**(11)** AU-B-2017245709  
**(21)** 2017245709 **(22)** 06.04.2017  
**(54)** Reclosable folding box with a tamper-evident closure, and folding box blank for producing same  
**(51)** Int. Cl.  
*B65D 5/54* ( 2006.01 )  
**(87)** WO2017/174704  
**(31)** 16164142.8 **(32)** 07.04.16 **(33)** EP  
**(43)** 12.10.2017  
**(44)** 12.01.2023  
**(72)** Gray, Ian Andrew  
**(74)** Davies Collison Cave Pty Ltd

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Applications Accepted - Name Index cont'd

(71) NTT DOCOMO, INC.  
 (11) AU-B-2021266226  
 (21) 2021266226 (22) 09.11.2021  
 (54) Moving image prediction encoding device, moving image prediction encoding method, moving image prediction encoding program, moving image prediction decoding device, moving image prediction decoding method, and moving image prediction decoding program  
 (51) Int. Cl.  
*H04N 19/50* ( 2014.01 )  
*H04N 19/423* ( 2014.01 )  
*H04N 19/463* ( 2014.01 )  
*H04N 19/48* ( 2014.01 )  
*H04N 19/503* ( 2014.01 )  
*H04N 19/593* ( 2014.01 )  
*H04N 19/61* ( 2014.01 )  
*H04N 19/625* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
*H04N 19/91* ( 2014.01 )  
 (43) 02.12.2021  
 (44) 12.01.2023  
 (62) 2021200759  
 (72) BOON, Choong Seng; SUZUKI, Yoshinori; FUJIBAYASHI, Akira; TAN, Thiow Keng  
 (74) Spruson & Ferguson

**Nuctech Company Limited see Tsinghua University**  
 (21) 2019414849

(71) Nuvasive, Inc.  
 (11) AU-B-2017288105  
 (21) 2017288105 (22) 28.04.2017  
 (54) Spinal trauma correction and fixation  
 (51) Int. Cl.  
*A61B 17/70* ( 2006.01 )  
 (87) WO2018/004813  
 (31) 62/357,941 (32) 01.07.16 (33) US  
 (43) 04.01.2018  
 (44) 12.01.2023  
 (72) Olea, Fernando; Anderson, Brad; Lish, Scott; Johnson, Michele; Morris, Andrew  
 (74) Phillips Ormonde Fitzpatrick

**Ocean University of China see Brilliance Bio-tech Co., Ltd.**  
 (21) 2019411709

(71) Omachron Intellectual Property Inc.  
 (11) AU-B-2019367235  
 (21) 2019367235 (22) 07.10.2019  
 (54) Air treatment apparatus  
 (51) Int. Cl.  
*A47L 9/00* ( 2006.01 )  
*A47L 9/16* ( 2006.01 )  
 (87) WO2020/082166  
 (31) 62/748,840 (32) 22.10.18 (33) US  
 (43) 30.04.2020  
 (44) 12.01.2023  
 (72) CONRAD, Wayne Ernest  
 (74) FB Rice Pty Ltd

(71) Opna Immuno-Oncology, SA  
 (11) AU-B-2018348241  
 (21) 2018348241 (22) 11.10.2018  
 (54) Solid forms of a compound for modulating kinases  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2019/075243  
 (31) 62/572,099 (32) 13.10.17 (33) US  
 (43) 18.04.2019  
 (44) 12.01.2023  
 (72) IBRAHIM, Prabha N.; REZAEI, Hamid; NESPI, Marika; POWELL, Ben; PATEL, Rashmin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Oregon State University; Board of Regents, The University of Texas System  
 (11) AU-B-2016379402  
 (21) 2016379402 (22) 22.12.2016  
 (54) Antisense antibacterial compounds and methods  
 (51) Int. Cl.  
*C12N 15/113* ( 2010.01 )  
 (87) WO2017/112888  
 (31) 62/387,178 (32) 23.12.15 (33) US  
 (43) 29.06.2017  
 (44) 12.01.2023  
 (72) Greenberg, David; Geller, Bruce L.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Oriental (Luzhou) Agrochemicals Co., Ltd.  
 (11) AU-B-2019439692  
 (21) 2019439692 (22) 01.04.2019  
 (54) Method for preparing 2-arylmalonic acid derivative, intermediate, and application thereof  
 (51) Int. Cl.  
*C07C 67/30* ( 2006.01 )  
*C07C 69/612* ( 2006.01 )  
*C07C 253/30* ( 2006.01 )  
*C07C 255/31* ( 2006.01 )  
*C07C 255/34* ( 2006.01 )  
 (87) WO2020/199081  
 (43) 08.10.2020  
 (44) 12.01.2023  
 (72) CHEN, Bangchi; SUN, Yinwei; WANG, Zhongyuan; JIN, Tao  
 (74) Madderns Pty Ltd

(71) PanGang Group Panzhuhua Iron & Steel Research Institute Co., Ltd.  
 (11) AU-B-2021217996  
 (21) 2021217996 (22) 16.08.2021  
 (54) A METHOD FOR OPTIMIZING MICROSTRUCTURE OF RAIL WELDED JOINT  
 (51) Int. Cl.  
*C21D 9/04* ( 2006.01 )  
*B23K 11/04* ( 2006.01 )  
*B23K 11/20* ( 2006.01 )  
*B23K 11/36* ( 2006.01 )  
*B23K 37/00* ( 2006.01 )  
*C21D 1/18* ( 2006.01 )  
*C21D 1/19* ( 2006.01 )  
*C21D 9/06* ( 2006.01 )

*C21D 9/50* ( 2006.01 )  
*E01B 31/02* ( 2006.01 )  
 (31) 202011134208.4 (32) 21.10.20 (33) CN  
 (43) 05.05.2022  
 (44) 12.01.2023  
 (72) Lu, Xin; Li, Dadong; Bai, Wei; Xu, Feixiang  
 (74) Michael Buck IP

(71) Paragon Software GmbH  
 (11) AU-B-2020432487  
 (21) 2020432487 (22) 30.11.2020  
 (54) Dynamically producing a compatibility of file systems in real time  
 (51) Int. Cl.  
*G06F 3/06* ( 2006.01 )  
 (87) WO2021/170202  
 (31) 20020284.4 (32) 18.06.20 (33) EP  
 (43) 02.09.2021  
 (44) 12.01.2023  
 (72) ZHDANOV, Ivan; ZUDIN, Aleksandr; KOMAROV, Konstantin  
 (74) Spruson & Ferguson

(71) Pavilion Coating (M) Sdn. Bhd.  
 (11) AU-B-2021282539  
 (21) 2021282539 (22) 10.12.2021  
 (54) Aerosol Can  
 (51) Int. Cl.  
*B65D 83/68* ( 2006.01 )  
 (31) P12020006991 (32) 23.12.20 (33) MY  
 (43) 07.07.2022  
 (44) 12.01.2023  
 (72) WONG, Kok Ming  
 (74) A.P.T. Patent and Trade Mark Attorneys

**Peking University see Edigene Therapeutics (Beijing) Inc.**  
 (21) 2019357450

(71) Peng, X.  
 (11) AU-B-2018449359  
 (21) 2018449359 (22) 13.11.2018  
 (54) Application of acylated derivative of amino acid in preparation of animal feed additive  
 (51) Int. Cl.  
*A23K 20/142* ( 2016.01 )  
 (87) WO2020/097779  
 (43) 22.05.2020  
 (44) 12.01.2023  
 (72) PENG, Xianfeng; HUANG, Huacheng  
 (74) Madderns Pty Ltd

(71) Pfizer Inc.  
 (11) AU-B-2020315210  
 (21) 2020315210 (22) 14.07.2020  
 (54) Imidazo[4,5-C]pyridine derivatives as Toll-like receptor agonists  
 (51) Int. Cl.  
*C07D 471/04* ( 2006.01 )  
*A61K 31/437* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
 (87) WO2021/009676  
 (31) 62/875,465 (32) 17.07.19 (33) US

Applications Accepted - Name Index cont'd

- 62/961,288 15.01.20 US (44) 21.01.2021  
 (43) 12.01.2023  
 (72) AHMAD, Omar; FENSOME, Andrew; FISHER, Ethan Lawrence; LACHAPELLE, Erik Alphie; UNWALLA, Rayomand J.; XIAO, Jun; ZHANG, Lei  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PGS Geophysical AS  
 (11) AU-B-2017276173  
 (21) 2017276173 (22) 12.12.2017  
 (54) Cross-line source separation based on cross-line streamer separation  
 (51) Int. Cl.  
 G01V 1/38 (2006.01)  
 G01V 1/28 (2006.01)  
 (31) 62/434,244 (32) 14.12.16 (33) US  
 15/617,075 08.06.17 US  
 (43) 28.06.2018  
 (44) 12.01.2023  
 (72) Long, Andrew Samuel  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) PI-Design AG  
 (11) AU-B-2019395661  
 (21) 2019395661 (22) 07.11.2019  
 (54) Kitchen appliance for processing food  
 (51) Int. Cl.  
 A47J 42/40 (2006.01)  
 (87) WO2020/120038  
 (31) 10 2018 131 927.4 (32) 12.12.18 (33) DE  
 (43) 18.06.2020  
 (44) 12.01.2023  
 (72) BODUM, Jorgen  
 (74) Franke Hyland Pty Ltd
- 
- (71) Plastic Energy Limited  
 (11) AU-B-2019348728  
 (21) 2019348728 (22) 26.09.2019  
 (54) A reactor assembly  
 (51) Int. Cl.  
 B01J 19/18 (2006.01)  
 B01J 19/00 (2006.01)  
 (87) WO2020/065316  
 (31) 1815701.6 (32) 26.09.18 (33) GB  
 (43) 02.04.2020  
 (44) 12.01.2023  
 (72) MCNAMARA, David; STRIVENS, Christopher; YABRUDY, Andres; DUNPHY, Patrick  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Precision Biosciences, Inc.  
 (11) AU-B-2020289750  
 (21) 2020289750 (22) 15.12.2020  
 (54) Engineered meganucleases with recognition sequences found in the human T cell receptor alpha constant region gene  
 (51) Int. Cl.  
 C12N 9/22 (2006.01)  
 A61K 38/00 (2006.01)  
 (43) 21.01.2021
- 
- (44) 12.01.2023  
 (62) 2016333886  
 (72) NICHOLSON, Michael G.; SMITH, James Jefferson; JANTZ, Derek; BARTSEVICH, Victor; MACLEOD, Daniel T.; ANTONY, Jeyaraj  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Provost, B.  
 (11) AU-B-2018378801  
 (21) 2018378801 (22) 06.12.2018  
 (54) Outboard-motor automatic disengaging clutch system and method  
 (51) Int. Cl.  
 B63H 21/21 (2006.01)  
 B63H 20/00 (2006.01)  
 B63H 20/14 (2006.01)  
 B63H 20/18 (2006.01)  
 F02B 61/04 (2006.01)  
 F16H 61/00 (2006.01)  
 (87) WO2019/113372  
 (31) 15/834,797 (32) 07.12.17 (33) US  
 (43) 13.06.2019  
 (44) 12.01.2023  
 (72) PROVOST, Brian  
 (74) AJ PARK
- 
- (71) Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.  
 (11) AU-B-2020275125  
 (21) 2020275125 (22) 30.04.2020  
 (54) Refrigerator  
 (51) Int. Cl.  
 F25D 27/00 (2006.01)  
 (87) WO2020/228548  
 (31) 201920708438.3 (32) 16.05.19 (33) CN  
 (43) 19.11.2020  
 (44) 12.01.2023  
 (72) XU, Zhiguo  
 (74) Spruson & Ferguson
- 
- (71) Qualcomm Incorporated  
 (11) AU-B-2018272736  
 (21) 2018272736 (22) 17.04.2018  
 (54) Dynamic operating roles for internet of things (IoT) devices in a network  
 (51) Int. Cl.  
 H04W 4/80 (2018.01)  
 H04W 24/02 (2009.01)  
 H04W 40/22 (2009.01)  
 H04W 84/18 (2009.01)  
 (87) WO2018/217326  
 (31) 15/951,135 (32) 11.04.18 (33) US  
 201741018541 26.05.17 IN  
 (43) 29.11.2018  
 (44) 12.01.2023  
 (72) Anantharaman, Subramanian; Natara- jan, Sreekanth  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-B-2018307214  
 (21) 2018307214 (22) 16.07.2018  
 (54) Security key derivation for handover  
 (51) Int. Cl.  
 H04W 36/00 (2009.01)  
 (87) WO2019/022983
- 
- (31) 16/035,239 (32) 13.07.18 (33) US  
 62/538,626 28.07.17 US  
 (43) 31.01.2019  
 (44) 12.01.2023  
 (72) LEE, Soo Bum; ESCOTT, Adrian Ed- ward; PALANIGOUNDER, Anand  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-B-2018346909  
 (21) 2018346909 (22) 05.10.2018  
 (54) Image signal processor for processing images  
 (51) Int. Cl.  
 G06T 3/40 (2006.01)  
 (87) WO2019/074804  
 (31) 15/993,223 (32) 30.05.18 (33) US  
 62/571,182 11.10.17 US  
 (43) 18.04.2019  
 (44) 12.01.2023  
 (72) HWANG, Hau; PANKAJ, Tushar Sinha; GUPTA, Vishal; LEE, Jisoo  
 (74) Madderns Pty Ltd
- 
- (71) Qualcomm Incorporated  
 (11) AU-B-2019222502  
 (21) 2019222502 (22) 05.02.2019  
 (54) Virtual search spaces for beam indica- tion  
 (51) Int. Cl.  
 H04L 1/00 (2006.01)  
 H04L 5/00 (2006.01)  
 (87) WO2019/160713  
 (31) 16/267,298 (32) 04.02.19 (33) US  
 62/710,486 16.02.18 US  
 (43) 22.08.2019  
 (44) 12.01.2023  
 (72) NAM, Wooseok; AKKARAKARAN, Sony; LUO, Tao; WANG, Xiao Feng; JOHN WILSON, Makesh Prav- in; NAGARAJA, Sumeeth; CHEN, Shengbo; ZHOU, Yan  
 (74) Madderns Pty Ltd
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- (71) Qualcomm Incorporated  
 (11) AU-B-2020272506  
 (21) 2020272506 (22) 02.03.2020  
 (54) Control channel monitoring capability for low latency communications  
 (51) Int. Cl.  
 H04L 5/00 (2006.01)  
 (87) WO2020/209953  
 (31) 62/831,717 (32) 09.04.19 (33) US  
 16/805,631 28.02.20 US  
 (43) 15.10.2020  
 (44) 12.01.2023  
 (72) HOSSEINI, Seyedkianoush; FAKOORI- AN, Seyed Ali Akbar; BECKMAN, James; KHANDEKAR, Aamod  
 (74) Madderns Pty Ltd
- 
- (71) Rabhi, V.  
 (11) AU-B-2018281951  
 (21) 2018281951 (22) 06.06.2018  
 (54) Hydraulic piston with valve for holding a cooling and lubrication seal  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**F03C 1/28** ( 2006.01 )  
**F04B 1/04** ( 2006.01 )  
**F04B 1/12** ( 2006.01 )  
**F04B 53/08** ( 2006.01 )  
**F04B 53/14** ( 2006.01 )  
**F04B 53/18** ( 2006.01 )  
**F16J 1/00** ( 2006.01 )  
**(87)** WO2018/224769  
**(31)** 1755029 **(32)** 06.06.17 **(33)** FR  
**(43)** 13.12.2018  
**(44)** 12.01.2023  
**(72)** Rabhi, Vianney  
**(74)** AJ PARK

**(71)** Rani Therapeutics, LLC  
**(11)** AU-B-2020294353  
**(21)** 2020294353 **(22)** 31.12.2020  
**(54)** Device, system and methods for the oral delivery of therapeutic compounds  
**(51)** Int. Cl.  
**A61M 31/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/145** ( 2006.01 )  
**A61B 5/07** ( 2006.01 )  
**(43)** 25.02.2021  
**(44)** 12.01.2023  
**(62)** 2020200413  
**(72)** IMRAN, Mir  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Ranpak Corp.  
**(11)** AU-B-2019380947  
**(21)** 2019380947 **(22)** 15.11.2019  
**(54)** Packaging product and methods of making and using for box-lining  
**(51)** Int. Cl.  
**B65D 81/03** ( 2006.01 )  
**B31D 5/00** ( 2017.01 )  
**B65B 55/20** ( 2006.01 )  
**B65D 81/05** ( 2006.01 )  
**(87)** WO2020/102692  
**(31)** 62/768,173 **(32)** 16.11.18 **(33)** US  
**(43)** 22.05.2020  
**(44)** 12.01.2023  
**(72)** THOMAS, Lawrence B.; WARHOLIC, Michael Dane  
**(74)** HopgoodGanim

**(71)** Recordati Industria Chimica E Farmaceutica S.p.A. 1  
**(11)** AU-B-2017234169  
**(21)** 2017234169 **(22)** 14.03.2017  
**(54)** Prolonged release pharmaceutical composition comprising cysteamine or salt thereof  
**(51)** Int. Cl.  
**A61K 9/50** ( 2006.01 )  
**A61K 31/145** ( 2006.01 )  
**(87)** WO2017/157922  
**(31)** UA2016A001799 **(32)** 18.03.16 **(33)** IT  
**(43)** 21.09.2017  
**(44)** 12.01.2023  
**(72)** Gazzaniga, Andrea; Cerea, Matteo; Maroni, Alessandra; Barchielli, Marco  
**(74)** James & Wells Intellectual Property

**(71)** Relieved AB  
**(11)** AU-B-2020269129  
**(21)** 2020269129 **(22)** 05.05.2020  
**(54)** An extrusion and/or pultrusion device and method  
**(51)** Int. Cl.  
**B21C 23/14** ( 2006.01 )  
**B21C 25/02** ( 2006.01 )  
**B29C 48/35** ( 2019.01 )  
**(87)** WO2020/226556  
**(31)** 1950537-9 **(32)** 06.05.19 **(33)** SE  
**(43)** 12.11.2020  
**(44)** 12.01.2023  
**(72)** JANSSON KRAGH, Mark  
**(74)** Griffith Hack

**(71)** Repligen Corporation  
**(11)** AU-B-2020214316  
**(21)** 2020214316 **(22)** 30.01.2020  
**(54)** Method of using track etched membranes for the filtration of biological fluids  
**(51)** Int. Cl.  
**B01D 27/00** ( 2006.01 )  
**B29C 48/25** ( 2019.01 )  
**B29C 65/48** ( 2006.01 )  
**B32B 3/20** ( 2006.01 )  
**B32B 7/05** ( 2019.01 )  
**B32B 37/12** ( 2006.01 )  
**F16L 13/11** ( 2006.01 )  
**(87)** WO2020/160220  
**(31)** 62/798,775 **(32)** 30.01.19 **(33)** US  
**(43)** 06.08.2020  
**(44)** 12.01.2023  
**(72)** ROBINSON, Craig; BENGANI-LUTZ, Prity  
**(74)** Spruson & Ferguson

**(71)** Robert Bosch GmbH  
**(11)** AU-B-2020211777  
**(21)** 2020211777 **(22)** 02.01.2020  
**(54)** Controller and control method  
**(51)** Int. Cl.  
**G07C 5/08** ( 2006.01 )  
**B62J 27/00** ( 2020.01 )  
**(87)** WO2020/152535  
**(31)** 2019-008863 **(32)** 23.01.19 **(33)** JP  
**(43)** 30.07.2020  
**(44)** 12.01.2023  
**(72)** HATTORI, Takayuki; YAMADA, Yasuo  
**(74)** Spruson & Ferguson

**(71)** RxSafe LLC  
**(11)** AU-B-2017336437  
**(21)** 2017336437 **(22)** 27.09.2017  
**(54)** Pharmacy packaging system  
**(51)** Int. Cl.  
**B65B 9/20** ( 2012.01 )  
**(87)** WO2018/064095  
**(31)** 15/277,500 **(32)** 27.09.16 **(33)** US  
**(43)** 05.04.2018  
**(44)** 12.01.2023  
**(72)** Holmes, William K.  
**(74)** Griffith Hack

**(71)** S.C. Johnson & Son, Inc.  
**(11)** AU-B-2019423279

**(21)** 2019423279 **(22)** 04.10.2019  
**(54)** Storage bag with improved gripping features  
**(51)** Int. Cl.  
**B65D 33/00** ( 2006.01 )  
**B65D 33/25** ( 2006.01 )  
**(87)** WO2020/149901  
**(31)** 16/252,163 **(32)** 18.01.19 **(33)** US  
**(43)** 23.07.2020  
**(44)** 12.01.2023  
**(72)** DAIS, Brian C.; PORCHIA, Jose; ZIMMERMAN, Daniel P.  
**(74)** Spruson & Ferguson

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-B-2019207084  
**(21)** 2019207084 **(22)** 10.01.2019  
**(54)** Method and apparatus for transmitting and receiving data channel and control channel in wireless communication system  
**(51)** Int. Cl.  
**H04W 72/12** ( 2009.01 )  
**(87)** WO2019/139368  
**(31)** 10-2018-0004341 **(32)** 12.01.18 **(33)** KR  
**(43)** 18.07.2019  
**(44)** 12.01.2023  
**(72)** KIM, Taehyoung; KIM, Youngbum; YEO, Jeongho; OH, Jinyoung; CHOI, Seunghoon  
**(74)** Griffith Hack

**(71)** Sandstone Medical (Suzhou) Inc.; Shi, G.; Horstman, A.  
**(11)** AU-B-2019296449  
**(21)** 2019296449 **(22)** 29.06.2019  
**(54)** Rotary locking safe insulin injection needle  
**(51)** Int. Cl.  
**A61M 5/32** ( 2006.01 )  
**A61M 5/31** ( 2006.01 )  
**(87)** WO2020/001655  
**(31)** 201810694473.4 **(32)** 29.06.18 **(33)** CN  
**(43)** 02.01.2020  
**(44)** 12.01.2023  
**(72)** SHI, Guoping; HORSTMAN, Anthony Scott  
**(74)** Spruson & Ferguson

**(71)** Schock GmbH  
**(11)** AU-B-2021204815  
**(21)** 2021204815 **(22)** 09.07.2021  
**(54)** Heat-curable biobased casting composition, shaped article produced therefrom and process for producing such a shaped article  
**(51)** Int. Cl.  
**C08L 33/12** ( 2006.01 )  
**A47K 3/40** ( 2006.01 )  
**A47L 17/02** ( 2006.01 )  
**B29C 39/02** ( 2006.01 )  
**C08J 11/04** ( 2006.01 )  
**C08K 3/22** ( 2006.01 )  
**C08K 3/36** ( 2006.01 )  
**(31)** 102020119386.6 **(32)** 22.07.20 **(33)** DE  
**(43)** 10.02.2022

Applications Accepted - Name Index cont'd

- (44) 12.01.2023  
 (72) Datsyuk, Vitaliy; Orendorz, Adam; Achatz, Oskar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Schock GmbH  
 (11) AU-B-2021209285  
 (21) 2021209285 (22) 29.07.2021  
 (54) Thermosettable casting composition, molding produced from it, and method for producing the molding  
 (51) Int. Cl.  
*C08L 33/12* ( 2006.01 )  
*A47K 3/02* ( 2006.01 )  
*A47K 3/28* ( 2006.01 )  
*A47K 3/40* ( 2006.01 )  
*A47L 17/02* ( 2006.01 )  
*B29C 39/02* ( 2006.01 )  
*C08K 3/22* ( 2006.01 )  
*C08K 3/36* ( 2006.01 )  
*C08K 5/00* ( 2006.01 )  
*C11B 9/00* ( 2006.01 )  
 (31) 102020122216.5 (32) 25.08.20 (33) DE  
 (43) 17.03.2022  
 (44) 12.01.2023  
 (72) Datsyuk, Vitaliy; Orendorz, Adam; Achatz, Oskar  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) SEPAgrind GmbH  
 (11) AU-B-2020347559  
 (21) 2020347559 (22) 07.09.2020  
 (54) Shredding drum for a cutting and separating device  
 (51) Int. Cl.  
*B02C 18/30* ( 2006.01 )  
*A22C 17/00* ( 2006.01 )  
*A22C 21/00* ( 2006.01 )  
 (87) WO2021/048726  
 (31) DE 10 2019 006 (32) 09.09.19 (33) DE 334.1  
 (43) 18.03.2021  
 (44) 12.01.2023  
 (72) VON DER WEIDEN, Helmut  
 (74) FB Rice Pty Ltd
- 
- (71) Shandong Cynda Chemical Co., Ltd.  
 (11) AU-B-2019345827  
 (21) 2019345827 (22) 29.09.2019  
 (54) Triketone compound, preparation method therefor and use thereof, and herbicide  
 (51) Int. Cl.  
*C07D 239/96* ( 2006.01 )  
*A01N 43/54* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
*C07D 239/95* ( 2006.01 )  
 (87) WO2020/063981  
 (31) 201811150620.8 (32) 29.09.18 (33) CN  
 (43) 02.04.2020  
 (44) 12.01.2023  
 (72) YANG, Guangfu; QU, Renyu; WANG, Xianquan; CHEN, Enchang; ZHANG, Tianzhu; DU, Chen  
 (74) Griffith Hack
- 

- (71) Shaper Tools, Inc.  
 (11) AU-B-2017313211  
 (21) 2017313211 (22) 18.08.2017  
 (54) Systems, methods and apparatus for sharing tool fabrication and design data  
 (51) Int. Cl.  
*B23P 17/04* ( 2006.01 )  
*G05B 19/19* ( 2006.01 )  
 (87) WO2018/035499  
 (31) 62/509,159 (32) 21.05.17 (33) US  
 62/377,482 19.08.16 US  
 62/509,162 21.05.17 US  
 (43) 22.02.2018  
 (44) 12.01.2023  
 (72) Rivers, Alec Rothmyer; Hebenstreit, Joseph J.; Moyer, Iian Ellison; Cuttriss, Sam; Martin, Matthew Wyatt; Blum, Jeremy Evan  
 (74) Spruson & Ferguson
- 
- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
 (11) AU-B-2018283266  
 (21) 2018283266 (22) 15.06.2018  
 (54) Terminal apparatus, base station apparatus, communication method, and integrated circuit  
 (51) Int. Cl.  
*H04W 76/15* ( 2018.01 )  
*H04W 72/04* ( 2009.01 )  
*H04W 88/06* ( 2009.01 )  
 (87) WO2018/230727  
 (31) 2017-117491 (32) 15.06.17 (33) JP  
 (43) 20.12.2018  
 (44) 12.01.2023  
 (72) HORI, Takako; YAMADA, Shohei; TSUBOI, Hidekazu  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
 (11) AU-B-2018311884  
 (21) 2018311884 (22) 25.07.2018  
 (54) Method and device for resetting media access control layer  
 (51) Int. Cl.  
*H04W 36/08* ( 2009.01 )  
 (87) WO2019/024735  
 (31) 201710655146.3 (32) 02.08.17 (33) CN  
 (43) 07.02.2019  
 (44) 12.01.2023  
 (72) ZHANG, Chongming; LIU, Renmao  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Shearwater GeoServices Software Inc.  
 (11) AU-B-2017354166  
 (21) 2017354166 (22) 02.11.2017  
 (54) Use nuos technology to acquire optimized 2D data  
 (51) Int. Cl.  
*G01V 1/38* ( 2006.01 )  
*G01V 1/28* ( 2006.01 )  
 (87) WO2018/085567  
 (31) 15/801,793 (32) 02.11.17 (33) US  
 62/416,571 02.11.16 US  
 (43) 11.05.2018

- (44) 12.01.2023  
 (72) Li, Chengbo; Mosher, Charles C.; Keys, Robert G.; Eick, Peter M.; Kaplan, Sam T.; Brewer, Joel D.  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Shelter Co., Ltd.  
 (11) AU-B-2017346910  
 (21) 2017346910 (22) 17.10.2017  
 (54) Joint fitting and method for joining panels  
 (51) Int. Cl.  
*E04B 1/58* ( 2006.01 )  
*E04B 1/26* ( 2006.01 )  
 (87) WO2018/074483  
 (31) 2016-204717 (32) 18.10.16 (33) JP  
 (43) 26.04.2018  
 (44) 12.01.2023  
 (72) Adachi, Hiroyuki  
 (74) WRAYS PTY LTD
- 
- (71) Shenzhen Hive Box Network Technology Limited  
 (11) AU-B-2019433004  
 (21) 2019433004 (22) 16.07.2019  
 (54) Method and apparatus for seeking a delivery locker, device, and storage medium  
 (51) Int. Cl.  
*G01C 21/20* ( 2006.01 )  
 (87) WO2020/177261  
 (31) 201910159526.7 (32) 04.03.19 (33) CN  
 (43) 10.09.2020  
 (44) 12.01.2023  
 (72) MA, Haiyan  
 (74) GLMR
- 
- (71) Shenzhen Protgen Ltd.  
 (11) AU-B-2017259656  
 (21) 2017259656 (22) 04.05.2017  
 (54) Construction of engineering bacteria for high expression of recombinant human serum albumin  
 (51) Int. Cl.  
*C12N 15/14* ( 2006.01 )  
*C12N 1/19* ( 2006.01 )  
*C12N 15/12* ( 2006.01 )  
*C12N 15/53* ( 2006.01 )  
*C12N 15/61* ( 2006.01 )  
*C12N 15/81* ( 2006.01 )  
*C12R 1/84* ( 2006.01 )  
 (87) WO2017/190671  
 (31) 201610289898.8 (32) 04.05.16 (33) CN  
 (43) 09.11.2017  
 (44) 12.01.2023  
 (72) Chang, Guodong; Dou, Xin; Xiong, Xiaobo; Wang, Wenchao  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Shenzhen Upcera Dental Technology Co., Ltd  
 (11) AU-B-2019441599  
 (21) 2019441599 (22) 15.04.2019  
 (54) Pre-sintered ceramic block for dental restoration, preparation method therefor and use thereof  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**C03C 10/04** ( 2006.01 )  
**A61K 6/802** ( 2020.01 )  
**C03C 12/00** ( 2006.01 )  
**(87)** WO2020/210958  
**(43)** 22.10.2020  
**(44)** 12.01.2023  
**(72)** HE, Lingling; SONG, Guoyi; HOU, Cheng; HAN, Chengwei; ZHAO, Zhongliang; LI, Jialing  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Shenzhen Upcera Dental Technology Co., Ltd  
**(11)** AU-B-2019441748  
**(21)** 2019441748 **(22)** 15.04.2019  
**(54)** Pre-sintered porcelain block for dental restoration, preparation method therefor and application thereof  
**(51)** Int. Cl.  
**C03C 10/04** ( 2006.01 )  
**A61K 6/802** ( 2020.01 )  
**C03C 12/00** ( 2006.01 )  
**(87)** WO2020/210956  
**(43)** 22.10.2020  
**(44)** 12.01.2023  
**(72)** HE, Lingling; SONG, Guoyi; HOU, Cheng; HAN, Chengwei; ZHAO, Zhongliang; LI, Jialing  
**(74)** Davies Collison Cave Pty Ltd

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**Shi, G. see Sandstone Medical (Suzhou) Inc.**  
**(21)** 2019296449

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**(71)** Sinomed Cardiovit Technology Inc.  
**(11)** AU-B-2017369122  
**(21)** 2017369122 **(22)** 04.12.2017  
**(54)** Low profile heart valve and delivery system  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**(87)** WO2018/099484  
**(31)** 62/429,680 **(32)** 02.12.16 **(33)** US  
**(43)** 07.06.2018  
**(44)** 12.01.2023  
**(72)** Li, Tianzhu; Ma, Jianxiang; Meng, Lei  
**(74)** Spruson & Ferguson

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**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-B-2017336291  
**(21)** 2017336291 **(22)** 29.09.2017  
**(54)** Omega 3 fatty acids, no releasing compound and vitamin B12 as neuroprotectant in patients with no dementia  
**(51)** Int. Cl.  
**A61K 31/198** ( 2006.01 )  
**A61K 31/202** ( 2006.01 )  
**A61K 31/714** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**(87)** WO2018/060395  
**(31)** 62/401,443 **(32)** 29.09.16 **(33)** US  
 62/484,119 11.04.17 US  
 62/484,156 11.04.17 US  
**(43)** 05.04.2018

**(44)** 12.01.2023  
**(72)** Silber, Yvonne Beata; Schmitt, Jeroen Antonius Johannes; Boschat, Corina; Hudry-Labbe, Julie; Rieker, Claus  
**(74)** Spruson & Ferguson

---

**(71)** Société des Produits Nestlé S.A.  
**(11)** AU-B-2018217636  
**(21)** 2018217636 **(22)** 05.02.2018  
**(54)** Creamers compositions  
**(51)** Int. Cl.  
**A23C 11/08** ( 2006.01 )  
**A23C 11/02** ( 2006.01 )  
**A23D 7/005** ( 2006.01 )  
**A23F 5/46** ( 2006.01 )  
**(87)** WO2018/146037  
**(31)** 62/456,187 **(32)** 08.02.17 **(33)** US  
**(43)** 16.08.2018  
**(44)** 12.01.2023  
**(72)** Ota, Shuji; Bertoli, Constantin; Napolitano, Guillermo E.; Zeltner, Peter; Waksman, Lucile  
**(74)** Spruson & Ferguson

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**(71)** Solvay SA  
**(11)** AU-B-2017384299  
**(21)** 2017384299 **(22)** 19.12.2017  
**(54)** Process for the manufacture of an aqueous composition suitable for physical foaming  
**(51)** Int. Cl.  
**C11D 1/75** ( 2006.01 )  
**C11D 3/00** ( 2006.01 )  
**C11D 3/20** ( 2006.01 )  
**C11D 3/39** ( 2006.01 )  
**C11D 3/48** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )  
**(87)** WO2018/114903  
**(31)** 16206250.9 **(32)** 22.12.16 **(33)** EP  
**(43)** 28.06.2018  
**(44)** 12.01.2023  
**(72)** Coel, Philippe; Dewalens, Laurence  
**(74)** Phillips Ormonde Fitzpatrick

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**(71)** Sonitor Technologies AS  
**(11)** AU-B-2018231652  
**(21)** 2018231652 **(22)** 05.03.2018  
**(54)** Ultrasound position-determination system  
**(51)** Int. Cl.  
**G01S 5/18** ( 2006.01 )  
**G01S 5/30** ( 2006.01 )  
**(87)** WO2018/162885  
**(31)** 1703647.6 **(32)** 07.03.17 **(33)** GB  
**(43)** 13.09.2018  
**(44)** 12.01.2023  
**(72)** Booi, Wilfred Edwin; Antille, Cyril; Olsen, Øystein Haug  
**(74)** Griffith Hack

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**(71)** Sony Corporation  
**(11)** AU-B-2019302074  
**(21)** 2019302074 **(22)** 27.06.2019  
**(54)** Image processing device and method  
**(51)** Int. Cl.  
**H04N 19/117** ( 2014.01 )  
**G06T 5/10** ( 2006.01 )

**G06T 9/00** ( 2006.01 )  
**H04N 1/41** ( 2006.01 )  
**H04N 19/597** ( 2014.01 )  
**H04N 19/80** ( 2014.01 )  
**H04N 19/85** ( 2014.01 )  
**(87)** WO2020/012967  
**(31)** 2018-131295 **(32)** 11.07.18 **(33)** JP  
**(43)** 16.01.2020  
**(44)** 12.01.2023  
**(72)** YANO, Koji; KATO, Tsuyoshi; KUMA, Satoru; NAKAGAMI, Ohji  
**(74)** Spruson & Ferguson

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**(71)** South Plastic Industry Co., Ltd.  
**(11)** AU-B-2021254630  
**(21)** 2021254630 **(22)** 22.10.2021  
**(54)** Foldable Open-Resistant Container  
**(51)** Int. Cl.  
**B65D 43/08** ( 2006.01 )  
**(31)** 202111121142.X **(32)** 24.09.21 **(33)** CN  
**(43)** 12.01.2023  
**(44)** 12.01.2023  
**(72)** Wang, Tong-Chang  
**(74)** A.P.T. Patent and Trade Mark Attorneys

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**(71)** SSAB Technology AB  
**(11)** AU-B-2019392872  
**(21)** 2019392872 **(22)** 06.12.2019  
**(54)** A bucket for an earth-working or materials-handling machine  
**(51)** Int. Cl.  
**E02F 3/40** ( 2006.01 )  
**B62D 49/00** ( 2006.01 )  
**E02F 9/28** ( 2006.01 )  
**(87)** WO2020/115300  
**(31)** 18211069.2 **(32)** 07.12.18 **(33)** EP  
**(43)** 11.06.2020  
**(44)** 12.01.2023  
**(72)** COULSON, Brian  
**(74)** Griffith Hack

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**(71)** St Vincent's Hospital Sydney Limited  
**(11)** AU-B-2017325110  
**(21)** 2017325110 **(22)** 07.09.2017  
**(54)** Methods of detecting lentivirus  
**(51)** Int. Cl.  
**C12Q 1/68** ( 2006.01 )  
**C12N 15/09** ( 2006.01 )  
**(87)** WO2018/045425  
**(31)** 2016903599 **(32)** 07.09.16 **(33)** AU  
**(43)** 15.03.2018  
**(44)** 12.01.2023  
**(72)** Suzuki, Kazuo  
**(74)** FB Rice Pty Ltd

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**(71)** SU, C.  
**(11)** AU-B-2021229256  
**(21)** 2021229256 **(22)** 10.09.2021  
**(54)** Fixing Device of Nasogastric Tube  
**(51)** Int. Cl.  
**A61B 50/20** ( 2016.01 )  
**A61B 90/50** ( 2016.01 )  
**A61J 15/00** ( 2006.01 )  
**A61M 39/12** ( 2006.01 )  
**(31)** 109135090 **(32)** 12.10.20 **(33)** TW  
**(43)** 28.04.2022

Applications Accepted - Name Index cont'd

(44) 12.01.2023  
 (72) SU, Chien-Chung  
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Sunovion Pharmaceuticals Inc.  
 (11) AU-B-2019222491  
 (21) 2019222491 (22) 15.02.2019  
 (54) Salts, crystal forms, and production methods thereof  
 (51) Int. Cl.  
 C07D 495/04 ( 2006.01 )  
 A61K 31/381 ( 2006.01 )  
 A61P 25/00 ( 2006.01 )

(87) WO2019/161238  
 (31) 62/710,416 (32) 16.02.18 (33) US  
 (43) 22.08.2019  
 (44) 12.01.2023  
 (72) BAUER, Andrea; BHOGLE, Nandkumar Nivrutti; CHEN, Xiaoxia; JAMZAD, Shahla; PRYTKO, Robert Joseph; SARANTEAS, Kostas; WILKINSON, Harold Scott; ZHANG, Haitao; SIZENSKY, Michael Joseph  
 (74) FPA Patent Attorneys Pty Ltd

(71) Surcon Ltd  
 (11) AU-B-2021215124  
 (21) 2021215124 (22) 10.08.2021  
 (54) METHOD AND SYSTEM FOR IMPROVING QUALITY OF DIRECTIONAL SURVEYS  
 (51) Int. Cl.  
 E21B 47/00 ( 2012.01 )  
 (43) 02.09.2021  
 (44) 12.01.2023  
 (62) 2016291166  
 (72) Deverse, Jarrod Shawn; Maus, Stefan  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) SWIMC LLC  
 (11) AU-B-2021204724  
 (21) 2021204724 (22) 06.07.2021  
 (54) Prep tool  
 (51) Int. Cl.  
 B25G 3/14 ( 2006.01 )  
 B25G 1/08 ( 2006.01 )  
 B25G 3/26 ( 2006.01 )  
 (43) 05.08.2021  
 (44) 12.01.2023  
 (62) 2019229396  
 (72) LEVAND, Victor J.; GAURAV, Sharad; MULROY, Sarah Bridget; ROBERTSON, Joshua R.; GOODWIN, Edward Ray; BOSS, Randi  
 (74) Spruson & Ferguson

(71) Synthetic Genomics, Inc.  
 (11) AU-B-2017388870  
 (21) 2017388870 (22) 29.12.2017  
 (54) High productivity algal mutants having reduced photosynthetic antenna  
 (51) Int. Cl.  
 C12N 1/12 ( 2006.01 )  
 C07H 21/04 ( 2006.01 )

C12N 1/13 ( 2006.01 )  
 (87) WO2018/126201  
 (31) 62/441,002 (32) 30.12.16 (33) US  
 (43) 05.07.2018  
 (44) 12.01.2023  
 (72) Moellering, Eric R.; Bauman, Nicholas; Radakovits, Randor R.; Spreafico, Roberto; Kuzminov, Fedor; Ajjawi, Imad; Imam, Saheed; Schultz, Andrew; Kwok, Kathleen; Aqai, Moena; Nominati, Jennifer; Verruto, John; Bailey, Shaun  
 (74) FB Rice Pty Ltd

(71) Taiho Pharmaceutical Co., Ltd.  
 (11) AU-B-2017350440  
 (21) 2017350440 (22) 13.10.2017  
 (54) Selective inhibitor of exon 20 insertion mutant EGFR  
 (51) Int. Cl.  
 A61K 31/519 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2018/079310  
 (31) 2016-213072 (32) 31.10.16 (33) JP  
 (43) 03.05.2018  
 (44) 12.01.2023  
 (72) Miyadera, Kazutaka; Aoyagi, Yoshimi; Hasako, Shinichi  
 (74) Spruson & Ferguson

(71) Tata Consultancy Services Limited  
 (11) AU-B-2019213420  
 (21) 2019213420 (22) 09.08.2019  
 (54) Method and system for message based communication and failure recovery for FPGA middleware framework  
 (51) Int. Cl.  
 H04L 47/193 ( 2022.01 )  
 H04L 65/1083 ( 2022.01 )  
 (31) 201821030011 (32) 09.08.18 (33) IN  
 (43) 27.02.2020  
 (44) 12.01.2023  
 (72) NAMBIAR, Manoj Karunakaran; RODI, Swapnil; PURANIK, Sunil; BARVE, Mahesh Damodar  
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Tencent America LLC  
 (11) AU-B-2020343234  
 (21) 2020343234 (22) 01.09.2020  
 (54) Techniques and apparatus for generalized trisoup geometry coding  
 (51) Int. Cl.  
 H04N 19/96 ( 2014.01 )  
 (87) WO2021/046038  
 (31) 62/895,339 (32) 03.09.19 (33) US  
 17/004,616 27.08.20 US  
 (43) 11.03.2021  
 (44) 12.01.2023  
 (72) VOSOUGH, Arash; YEA, Sehoon; WENGER, Stephan; LIU, Shan  
 (74) Golja Haines & Friend

(71) Tencent America LLC  
 (11) AU-B-2020351096  
 (21) 2020351096 (22) 10.09.2020

(54) Signaling of reference picture resampling with constant window size indication in video bitstream  
 (51) Int. Cl.  
 H04N 7/12 ( 2006.01 )  
 H04N 19/107 ( 2014.01 )  
 (87) WO2021/055216  
 (31) 62/903,601 (32) 20.09.19 (33) US  
 17/009,979 02.09.20 US  
 (43) 25.03.2021  
 (44) 12.01.2023  
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan  
 (74) Griffith Hack

(71) Tencent America LLC  
 (11) AU-B-2020364313  
 (21) 2020364313 (22) 29.09.2020  
 (54) Method for output layer set signaling in scalable video stream  
 (51) Int. Cl.  
 H04N 19/31 ( 2014.01 )  
 H04N 19/36 ( 2014.01 )  
 (87) WO2021/071698  
 (31) 62/912,275 (32) 08.10.19 (33) US  
 17/030,950 24.09.20 US  
 (43) 15.04.2021  
 (44) 12.01.2023  
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan  
 (74) Griffith Hack

(71) Tencent America LLC  
 (11) AU-B-2020372880  
 (21) 2020372880 (22) 27.10.2020  
 (54) Range of minimum coding block size in video coding  
 (51) Int. Cl.  
 H04N 19/119 ( 2014.01 )  
 (87) WO2021/086828  
 (31) 62/928,150 (32) 30.10.19 (33) US  
 17/078,302 23.10.20 US  
 (43) 06.05.2021  
 (44) 12.01.2023  
 (72) LI, Guichun; LI, Xiang; XU, Xiaozhong; LIU, Shan  
 (74) Griffith Hack

(71) Tencent America LLC  
 (11) AU-B-2021206683  
 (21) 2021206683 (22) 07.01.2021  
 (54) Techniques and apparatus for alpha-beta-partition coding of transform coefficients for point cloud compression  
 (51) Int. Cl.  
 H03M 7/40 ( 2006.01 )  
 H03M 7/42 ( 2006.01 )  
 H04N 19/13 ( 2014.01 )  
 (87) WO2021/142141  
 (31) 62/958,839 (32) 09.01.20 (33) US  
 62/958,846 09.01.20 US  
 17/110,691 03.12.20 US  
 (43) 15.07.2021  
 (44) 12.01.2023  
 (72) YEA, Sehoon; WENGER, Stephan; LIU, Shan  
 (74) Phillips Ormonde Fitzpatrick

Applications Accepted - Name Index cont'd

- (71) Thales; Centre National de la Recherche Scientifique; Nanyang Technological University; Universite de Lille  
 (11) AU-B-2018269662  
 (21) 2018269662 (22) 16.05.2018  
 (54) Thermal material with high capacity and high conductivity, method for preparing same and the components that comprise same  
 (51) Int. Cl.  
**C04B 35/583** ( 2006.01 )  
**C04B 35/632** ( 2006.01 )  
**C04B 38/00** ( 2006.01 )  
**C04B 41/00** ( 2006.01 )  
 (87) WO2018/210950  
 (31) 17 00516 (32) 16.05.17 (33) FR  
 (43) 22.11.2018  
 (44) 12.01.2023  
 (72) Pawlik, Matthieu; Teo, Edwin Hang Tong; Foncin, Jérôme; Merlet, Thomas; Coquet, Philippe; Loeblein, Manuela; Tsang, Tony Siu Hon  
 (74) Michael Buck IP
- 
- (71) The Boeing Company; Toray Industries, Inc.  
 (11) AU-B-2018234822  
 (21) 2018234822 (22) 15.03.2018  
 (54) Methods of co-bonding a first thermoset composite and a second thermoset composite to define a cured composite part  
 (51) Int. Cl.  
**B29C 65/02** ( 2006.01 )  
**B29C 65/48** ( 2006.01 )  
**B29L 31/30** ( 2006.01 )  
 (87) WO2018/170330  
 (31) 62/472,404 (32) 16.03.17 (33) US  
 (43) 20.09.2018  
 (44) 12.01.2023  
 (72) Nelson, Karl M.; Sherwood, Travis James; Dalal, Hardik; Nguyen, Felix N.; Lee, Dongyeon; Yoshioka, Kenichi; Koyanagi, Hideo Andrew  
 (74) FB Rice Pty Ltd
- 
- (71) The Trustees of Columbia University in the City of New York  
 (11) AU-B-2018317463  
 (21) 2018317463 (22) 17.08.2018  
 (54) Redox flow batteries and compounds for battery application  
 (51) Int. Cl.  
**H01G 11/56** ( 2013.01 )  
**H01M 10/42** ( 2006.01 )  
 (87) WO2019/036633  
 (31) 62/546,967 (32) 17.08.17 (33) US  
 62/574,590 19.10.17 US  
 (43) 21.02.2019  
 (44) 12.01.2023  
 (72) NUCKOLLS, Colin; HERNANDEZ SANCHEZ, Raul; YANG, Yuan; SISTO, Thomas; CHENG, Qian; MILTON, Margarita  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) The Trustees of Indiana University  
 (11) AU-B-2019281255  
 (21) 2019281255 (22) 11.01.2019

- (54) Ion trap array for high throughput charge detection mass spectrometry  
 (51) Int. Cl.  
**H01J 49/42** ( 2006.01 )  
 (87) WO2019/236142  
 (31) 62/680,315 (32) 04.06.18 (33) US  
 (43) 12.12.2019  
 (44) 12.01.2023  
 (72) JARROLD, Martin F.; BOTAMANENKO, Daniel  
 (74) Spruson & Ferguson
- 
- thyssenkrupp AG see Atlas Elektronik GmbH**  
 (21) 2020215190
- 
- (71) thyssenkrupp AG; thyssenkrupp Marine Systems GmbH  
 (11) AU-B-2020388957  
 (21) 2020388957 (22) 12.11.2020  
 (54) Bypassing a battery management system in a submarine in the event of an emergency  
 (51) Int. Cl.  
**H02J 9/00** ( 2006.01 )  
**B63G 8/00** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
 (87) WO2021/099204  
 (31) 10 2019 217 796.4 (32) 19.11.19 (33) DE  
 (43) 27.05.2021  
 (44) 12.01.2023  
 (72) PEIN, Marc; NAGORNY, Boris  
 (74) Griffith Hack
- 
- thyssenkrupp Marine Systems GmbH see thyssenkrupp AG**  
 (21) 2020388957
- 
- Toray Industries, Inc. see The Boeing Company**  
 (21) 2018234822
- 
- (71) Toyo Aluminium Kabushiki Kaisha  
 (11) AU-B-2018336416  
 (21) 2018336416 (22) 12.09.2018  
 (54) Solar cell module  
 (51) Int. Cl.  
**H01L 31/048** ( 2014.01 )  
 (87) WO2019/059072  
 (31) 2017-179347 (32) 19.09.17 (33) JP  
 (43) 28.03.2019  
 (44) 12.01.2023  
 (72) FUJINO, Takaaki; MAEDA, Daisuke; SAKAMOTO, Hiroyuki; IMAMURA, Takahiro; TANAKA, Soichiro  
 (74) Spruson & Ferguson
- 
- (71) Transportation IP Holdings, LLC  
 (11) AU-B-2021203760  
 (21) 2021203760 (22) 08.06.2021  
 (54) ENERGY MANAGEMENT SYSTEM AND METHOD FOR VEHICLE SYSTEMS  
 (51) Int. Cl.  
**G01C 21/10** ( 2006.01 )

- G06Q 50/30** ( 2012.01 )  
 (43) 08.07.2021  
 (44) 12.01.2023  
 (62) 2019236700  
 (72) Luther, Juli-Ann; Twichel, Jeffrey; Meyer, Brian Nedward; Wakeman, Joseph Daniel; Rameshbabu Gaikwad, Swapna  
 (74) Phillips Ormonde Fitzpatrick
- 
- (71) Transport Authority, Inc.  
 (11) AU-B-2020270412  
 (21) 2020270412 (22) 01.05.2020  
 (54) Systems and methods for manufacturing cannabis edibles, and resulting edible products  
 (51) Int. Cl.  
**A23P 20/18** ( 2016.01 )  
**A23L 19/00** ( 2016.01 )  
**A61J 3/06** ( 2006.01 )  
**A61J 3/10** ( 2006.01 )  
 (87) WO2020/227130  
 (31) 62/923,668 (32) 21.10.19 (33) US  
 63/007,881 09.04.20 US  
 62/844,060 06.05.19 US  
 (43) 12.11.2020  
 (44) 12.01.2023  
 (72) WARREN, William; DOYLE, David  
 (74) Spruson & Ferguson
- 
- (71) Triastek, Inc.  
 (11) AU-B-2018267821  
 (21) 2018267821 (22) 11.05.2018  
 (54) 3D printing device and method  
 (51) Int. Cl.  
**B29C 67/00** ( 2017.01 )  
**B29C 64/00** ( 2017.01 )  
 (87) WO2018/210183  
 (31) PCT/ CN2018/071965 (32) 09.01.18 (33) CN  
 201710347098.1 16.05.17 CN  
 (43) 22.11.2018  
 (44) 12.01.2023  
 (72) Cheng, Senping; Li, Xiaoling; Deng, Feihuang; Lu, Haohui; Liu, Haili; Yao, Juan; Wang, Xiaofei; Wu, Wei  
 (74) AJ PARK
- 
- (71) Tsai, Y.  
 (11) AU-B-2021225252  
 (21) 2021225252 (22) 03.09.2021  
 (54) VAGINAL SPECULUM  
 (51) Int. Cl.  
**A61B 1/32** ( 2006.01 )  
**A61B 1/303** ( 2006.01 )  
 (43) 12.01.2023  
 (44) 12.01.2023  
 (72) Tsai, Yih-Chiou  
 (74) Madderns Pty Ltd
- 
- (71) Tsinghua University; Nuctech Company Limited  
 (11) AU-B-2019414849  
 (21) 2019414849 (22) 10.10.2019  
 (54) Security inspection device and control method therefor  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**G01V 3/12** ( 2006.01 )  
**(87)** WO2020/134334  
**(31)** 201811653597.4 **(32)** 29.12.18 **(33)** CN  
**(43)** 02.07.2020  
**(44)** 12.01.2023  
**(72)** CHEN, Zhiqiang; YOU, Yan; ZHAO, Ziran; MA, Xuming; WANG, Kai  
**(74)** Wallington-Dummer

**(71)** Unex Aparellaje Electrico S.L.  
**(11)** AU-B-2021238860  
**(21)** 2021238860 **(22)** 16.03.2021  
**(54)** Support bar for cable trays  
**(51)** Int. Cl.  
**B29C 48/11** ( 2019.01 )  
**B29C 48/12** ( 2019.01 )  
**B29C 48/13** ( 2019.01 )  
**F16L 3/26** ( 2006.01 )  
**H02G 3/00** ( 2006.01 )  
**H02G 3/04** ( 2006.01 )  
**(87)** WO2021/186095  
**(31)** U202030499 **(32)** 18.03.20 **(33)** ES  
**(43)** 23.09.2021  
**(44)** 12.01.2023  
**(72)** MOSTAZO OVIEDO, Jose Antonio  
**(74)** James & Wells Intellectual Property

**(71)** Unigen, Inc.  
**(11)** AU-B-2021202804  
**(21)** 2021202804 **(22)** 04.05.2021  
**(54)** Series of skin-whitening (lightening) compounds  
**(51)** Int. Cl.  
**C07C 39/15** ( 2006.01 )  
**A61K 8/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 31/045** ( 2006.01 )  
**A61K 31/341** ( 2006.01 )  
**A61K 31/36** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**C07C 39/11** ( 2006.01 )  
**C07C 43/23** ( 2006.01 )  
**C07C 45/74** ( 2006.01 )  
**C07C 49/83** ( 2006.01 )  
**C07D 213/30** ( 2006.01 )  
**C07D 307/12** ( 2006.01 )  
**C07D 307/42** ( 2006.01 )  
**C07D 317/54** ( 2006.01 )

**(43)** 03.06.2021  
**(44)** 12.01.2023  
**(62)** 2019232820  
**(72)** Nandy, Sandip K.; Liu, Jiyun; Nesterov, Alexandre Mikhailovitch; Hertel, Carmen; Padmapriya, Abeyasinghe A.  
**(74)** Davies Collison Cave Pty Ltd

**Universidad de la República see Institut Pasteur de Montevideo**  
**(21)** 2017342167

**Universite de Lille see Thales**  
**(21)** 2018269662

**(71)** University of Delaware  
**(11)** AU-B-2019344010

**(21)** 2019344010 **(22)** 20.09.2019  
**(54)** Piezoelectric sensors comprising electrospon poly [(R)-3-hydroxybutyrate-co-(R)-3-hydroxyhexanoate] (PHBHx) nanofibers  
**(51)** Int. Cl.  
**G01L 1/16** ( 2006.01 )  
**H01L 41/08** ( 2006.01 )  
**H01L 41/193** ( 2006.01 )  
**(87)** WO2020/061540  
**(31)** 62/734,360 **(32)** 21.09.18 **(33)** US  
**(43)** 26.03.2020  
**(44)** 12.01.2023  
**(72)** RABOLT, John F.; GONG, Liang; CHASE, D. Bruce; NODA, Isao; SOBIESKI, Brian  
**(74)** Oxygene IP

**(71)** University of Maryland, College Park  
**(11)** AU-B-2018331479  
**(21)** 2018331479 **(22)** 14.09.2018  
**(54)** Delignified wood materials, and methods for fabricating and use thereof  
**(51)** Int. Cl.  
**B27K 1/00** ( 2006.01 )  
**B27K 5/00** ( 2006.01 )  
**(87)** WO2019/055789  
**(31)** 62/725,810 **(32)** 31.08.18 **(33)** US  
**62/559,147** 15.09.17 US  
**(43)** 21.03.2019  
**(44)** 12.01.2023  
**(72)** HU, Liangbing; LI, Tian; HE, Shuaiming; CHEN, Chaoji; SONG, Jianwei  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** University of Utah Research Foundation  
**(11)** AU-B-2021237381  
**(21)** 2021237381 **(22)** 01.02.2021  
**(54)** Methods of producing a titanium alloy product  
**(51)** Int. Cl.  
**C22C 1/04** ( 2006.01 )  
**C22C 14/00** ( 2006.01 )  
**(87)** WO2021/188215  
**(31)** 16/820,413 **(32)** 16.03.20 **(33)** US  
**(43)** 23.09.2021  
**(44)** 12.01.2023  
**(72)** FANG, Zhigang Zak; XIA, Yang; SUN, Pei; ZHANG, Ying  
**(74)** FB Rice Pty Ltd

**(71)** Urschel Laboratories, Inc.; Frito-Lay North America, Inc.  
**(11)** AU-B-2020207226  
**(21)** 2020207226 **(22)** 07.01.2020  
**(54)** Apparatuses for cutting food products and methods for operating the same  
**(51)** Int. Cl.  
**B26D 1/36** ( 2006.01 )  
**B26D 1/00** ( 2006.01 )  
**B26D 1/62** ( 2006.01 )  
**B26D 3/26** ( 2006.01 )  
**B26D 3/28** ( 2006.01 )  
**B26D 7/26** ( 2006.01 )  
**(87)** WO2020/146304  
**(31)** 62/790,874 **(32)** 10.01.19 **(33)** US  
**(43)** 16.07.2020

**(44)** 12.01.2023  
**(72)** Baxter, Corey Everette; Jacko, Michael Scot; Barber, Keith Alan; Ruegg, Richard James; King, Daniel Wade  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

**(71)** Vaxiion Therapeutics, LLC  
**(11)** AU-B-2016301302  
**(21)** 2016301302 **(22)** 03.08.2016  
**(54)** Ionizing irradiation sterilization of bacterial minicell-based biopharmaceuticals and methods of use  
**(51)** Int. Cl.  
**A61K 35/74** ( 2006.01 )  
**A61L 2/08** ( 2006.01 )  
**C12N 1/20** ( 2006.01 )  
**(87)** WO2017/024059  
**(31)** 62/200,903 **(32)** 04.08.15 **(33)** US  
**(43)** 09.02.2017  
**(44)** 12.01.2023  
**(72)** Giacalone, Matthew J.; Ward, Gary H.  
**(74)** Spruson & Ferguson

**(71)** VENTICO Australia Pty Limited  
**(11)** AU-B-2018203111  
**(21)** 2018203111 **(22)** 04.05.2018  
**(54)** Filter unit  
**(51)** Int. Cl.  
**B01D 35/02** ( 2006.01 )  
**(31)** 2017901656 **(32)** 05.05.17 **(33)** AU  
**(43)** 22.11.2018  
**(44)** 12.01.2023  
**(72)** Venticinque, Greg  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Veridium IP Limited  
**(11)** AU-B-2018266602  
**(21)** 2018266602 **(22)** 07.05.2018  
**(54)** System and method for biometric identification  
**(51)** Int. Cl.  
**H04L 65/756** ( 2022.01 )  
**G06F 7/483** ( 2006.01 )  
**G06F 21/32** ( 2013.01 )  
**(87)** WO2018/208661  
**(31)** 15/592,542 **(32)** 11.05.17 **(33)** US  
**(43)** 15.11.2018  
**(44)** 12.01.2023  
**(72)** Streit, Scott  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** Vid Scale, Inc.  
**(11)** AU-B-2019295574  
**(21)** 2019295574 **(22)** 20.06.2019  
**(54)** Methods and apparatus for reducing the coding latency of decoder-side motion refinement  
**(51)** Int. Cl.  
**H04N 19/52** ( 2014.01 )  
**H04N 19/436** ( 2014.01 )  
**H04N 19/513** ( 2014.01 )  
**H04N 19/56** ( 2014.01 )  
**H04N 19/577** ( 2014.01 )  
**(87)** WO2020/005719  
**(31)** 62/690,507 **(32)** 27.06.18 **(33)** US  
**(43)** 02.01.2020



Applications Accepted - Name Index cont'd

(44) 12.01.2023  
 (72) XIU, Xiaoyu; HE, Yuwen; YE, Yan  
 (74) Spruson & Ferguson

(71) Virbac  
 (11) AU-B-2017378199  
 (21) 2017378199 (22) 15.12.2017  
 (54) Device for collecting a sample of a liquid contained in a container, associated container, and use of this container  
 (51) Int. Cl.  
**A61J 1/20** ( 2006.01 )  
 (87) WO2018/109215  
 (31) 1662671 (32) 16.12.16 (33) FR  
 (43) 21.06.2018  
 (44) 12.01.2023  
 (72) Labroc, Laurie; Robin, Michel; Aneas, Daniel  
 (74) Griffith Hack

(71) Virox Technologies Inc.  
 (11) AU-B-2020217906  
 (21) 2020217906 (22) 05.02.2020  
 (54) Shelf-stable antimicrobial compositions  
 (51) Int. Cl.  
**A61L 2/18** ( 2006.01 )  
 (87) WO2020/161648  
 (31) 16/268,752 (32) 06.02.19 (33) US  
 (43) 13.08.2020  
 (44) 12.01.2023  
 (72) ALDERSON, Faraz Ahmadpou  
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) VivaVision (Shanghai) Ltd  
 (11) AU-B-2020403705  
 (21) 2020403705 (22) 18.11.2020  
 (54) Nitroxide derivative of rock kinase inhibitor  
 (51) Int. Cl.  
**C07C 13/45** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
 (87) WO2021/164351  
 (31) 202010107800.9 (32) 21.02.20 (33) CN  
 (43) 09.09.2021  
 (44) 12.01.2023  
 (72) SHEN, Wang; DANG, Kui Feng; ZHANG, Chao; CHEN, Chunming; SHAN, Li Hong; DING, Wen; WANG, Xin; MI, Jia Chen; SUN, Ya Bo; SHENG, Xia Xin; SHEN, Jia Lei; LI, Yong  
 (74) Davies Collison Cave Pty Ltd

(71) W & D McCulloch Ltd.  
 (11) AU-B-2017296110  
 (21) 2017296110 (22) 03.07.2017  
 (54) Apparatus for lifting and moving a rail  
 (51) Int. Cl.  
**E01B 29/17** ( 2006.01 )  
 (87) WO2018/011545  
 (31) 1612063.6 (32) 12.07.16 (33) GB  
 (43) 18.01.2018  
 (44) 12.01.2023  
 (72) McCulloch, William Francis  
 (74) WRAYS PTY LTD

(71) Wayne Fueling Systems LLC  
 (11) AU-B-2017285288  
 (21) 2017285288 (22) 15.06.2017  
 (54) Fuel dispenser door lock and alarm control  
 (51) Int. Cl.  
**G07C 9/00** ( 2006.01 )  
**G07F 13/02** ( 2006.01 )  
**G08B 13/08** ( 2006.01 )  
 (87) WO2017/218739  
 (31) 62/350,350 (32) 15.06.16 (33) US  
 (43) 21.12.2017  
 (44) 12.01.2023  
 (72) Fieglein, Henry; Carlsson, Richard; Negley III, Scott R.  
 (74) Davies Collison Cave Pty Ltd

(71) Well Stone Co.  
 (11) AU-B-2018240774  
 (21) 2018240774 (22) 16.03.2018  
 (54) Method for producing therapeutic agent for skin lesions, and therapeutic agent for skin lesions  
 (51) Int. Cl.  
**A61K 35/62** ( 2006.01 )  
**A61K 9/12** ( 2006.01 )  
**A61K 35/02** ( 2015.01 )  
**A61K 36/13** ( 2006.01 )  
**A61P 17/02** ( 2006.01 )  
 (87) WO2018/173972  
 (31) 2017-054774 (32) 21.03.17 (33) JP  
 (43) 27.09.2018  
 (44) 12.01.2023  
 (72) Ishii, Yoichi; Okamoto, Takeshi; Makino, Sayaka  
 (74) Griffith Hack

(71) WESTFALIA-Automotive GmbH  
 (11) AU-B-2017322251  
 (21) 2017322251 (22) 08.09.2017  
 (54) Trailer coupling with a coupling arm  
 (51) Int. Cl.  
**B60D 1/06** ( 2006.01 )  
 (87) WO2018/046658  
 (31) 10 2016 117 017.8 (32) 09.09.16 (33) DE  
 (43) 15.03.2018  
 (44) 12.01.2023  
 (72) Angermann, Kay; Becker, Florian; Gross, Waldemar; Kleinhans, Björn; Weiner, Marc  
 (74) FB Rice Pty Ltd

(71) Westinghouse Air Brake Technologies Corporation  
 (11) AU-B-2016419848  
 (21) 2016419848 (22) 16.11.2016  
 (54) Slack adjuster for a brake system with increased take-up capacity  
 (51) Int. Cl.  
**B61H 15/00** ( 2006.01 )  
**F16D 65/74** ( 2006.01 )  
 (87) WO2018/034688  
 (31) 15/241,141 (32) 19.08.16 (33) US  
 (43) 22.02.2018

(44) 12.01.2023  
 (72) Koziol, Michael Anthony; Natschke, Scott Lee; Gregar, Peter Paul  
 (74) Phillips Ormonde Fitzpatrick

(71) Wexiödisk Aktiebolag  
 (11) AU-B-2017349869  
 (21) 2017349869 (22) 20.10.2017  
 (54) Tunnel-type dishwasher and method  
 (51) Int. Cl.  
**A47L 15/24** ( 2006.01 )  
**A47L 15/42** ( 2006.01 )  
 (87) WO2018/080377  
 (31) 1651418-4 (32) 28.10.16 (33) SE  
 (43) 03.05.2018  
 (44) 12.01.2023  
 (72) Eriksson, Magnus; Kazic, Galib  
 (74) WRAYS PTY LTD

(71) Wing Aviation LLC  
 (11) AU-B-2020396492  
 (21) 2020396492 (22) 11.09.2020  
 (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 )  
 (87) WO2021/112937  
 (31) 16/703,170 (32) 04.12.19 (33) US  
 (43) 10.06.2021  
 (44) 12.01.2023  
 (72) ABEYWARDENA, Dinuka; BLAKE, Jesse; BURGESS, James R.; CAFLISCH, Marco; JONES, Brandon; JOURDAN, Damien; KRAFFKA, Kyle; SCHMALZRIED, James  
 (74) Spruson & Ferguson

(71) Wuxi Biocity Biopharmaceuticals Co., Ltd.  
 (11) AU-B-2018361010  
 (21) 2018361010 (22) 31.10.2018  
 (54) Macrocyclic compound serving as Wee1 inhibitor and applications thereof  
 (51) Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
 (87) WO2019/085933  
 (31) 201711058653.5 (32) 01.11.17 (33) CN  
 (43) 09.05.2019  
 (44) 12.01.2023  
 (72) QIAN, Wenyuan; YANG, Chundao; LI, Zhengwei; LI, Jie; LI, Jian; CHEN, Shuhui  
 (74) FB Rice Pty Ltd

(71) Zambon S.p.A.  
 (11) AU-B-2021200503  
 (21) 2021200503 (22) 27.01.2021  
 (54) Composition comprising at least one dry powder obtained by spray drying to increase the stability of the formulation  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )

Applications Accepted - Name Index cont'd

**A61K 9/16** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61K 31/439** ( 2006.01 )  
**A61K 31/58** ( 2006.01 )  
**(43)** 25.02.2021  
**(44)** 12.01.2023  
**(62)** 2015330010  
**(72)** Maggi, Loretta; Caponetti, Giovanni; Butti, Heike; Veneziani, Cristina; Zanelotti, Laura  
**(74)** FB Rice Pty Ltd

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**(71)** Zhejiang CHINT Electrics Co., Ltd.  
**(11)** AU-B-2019414540  
**(21)** 2019414540 **(22)** 24.12.2019  
**(54)** Compact circuit breaker  
**(51)** Int. Cl.  
**H01H 71/10** ( 2006.01 )  
**H01H 71/58** ( 2006.01 )  
**(87)** WO2020/135402  
**(31)** 201811623132.4 **(32)** 28.12.18 **(33)** CN  
**(43)** 02.07.2020  
**(44)** 12.01.2023  
**(72)** LU, Kejun; GU, Xiangyi  
**(74)** IP SOLVED (ANZ) PTY. LTD.

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**(71)** Zhejiang Funlithium New Energy Tech Co., Ltd.  
**(11)** AU-B-2020377021  
**(21)** 2020377021 **(22)** 26.10.2020  
**(54)** Solid-liquid battery  
**(51)** Int. Cl.  
**H01M 10/0525** ( 2010.01 )  
**H01M 10/058** ( 2010.01 )  
**(87)** WO2021/083074  
**(31)** 201911035198.6 **(32)** 28.10.19 **(33)** CN  
**(43)** 06.05.2021  
**(44)** 12.01.2023  
**(72)** XU, Xiaoxiong; CUI, Yanming; ZHANG, Zhihua; HUANG, Yuanqiao  
**(74)** Spruson & Ferguson

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**(71)** Zillow, Inc.  
**(11)** AU-B-2021211999  
**(21)** 2021211999 **(22)** 03.08.2021  
**(54)** Automated analysis of image contents to determine the acquisition location of the image  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06F 16/583** ( 2019.01 )  
**G06K 9/62** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**G06T 17/10** ( 2006.01 )  
**G06T 19/00** ( 2011.01 )  
**(31)** 17/013,323 **(32)** 04.09.20 **(33)** US  
**(43)** 24.03.2022  
**(44)** 12.01.2023  
**(72)** Moulon, Pierre; Khosravan, Najji; Li, Yuguang; Li, Yujie; Boyadzhiev, Ivaylo  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Zodiac Pool Care Europe  
**(11)** AU-B-2017383285  
**(21)** 2017383285 **(22)** 19.12.2017  
**(54)** Compact multi-way valve for connecting two fluid-circulation circuits

**(51)** Int. Cl.  
**E04H 4/12** ( 2006.01 )  
**(87)** WO2018/115713  
**(31)** 1662923 **(32)** 20.12.16 **(33)** FR  
**(43)** 28.06.2018  
**(44)** 12.01.2023  
**(72)** Leroyer, Brice; Pichon, Philippe  
**(74)** FB Rice Pty Ltd

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**(71)** ZTE Corporation  
**(11)** AU-B-2018328588  
**(21)** 2018328588 **(22)** 11.09.2018  
**(54)** METHOD FOR INDICATING A RE-SOURCE, APPARATUS AND STORAGE MEDIUM  
**(51)** Int. Cl.  
**H04W 72/04** ( 2009.01 )  
**(87)** WO2019/047974  
**(31)** 201710814241.3 **(32)** 11.09.17 **(33)** CN  
**(43)** 14.03.2019  
**(44)** 12.01.2023  
**(72)** SHI, Jing; XIA, Shuqiang; ZHANG, Wen; HAN, Xianghui; REN, Min  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

Numerical Index

<b>2016202423</b>	Maclaren-Taylor, A.K.	<b>2017346959</b>	Dynacert Inc.
<b>2016203527</b>	Dunstan, J.	<b>2017348386</b>	Decked, LLC
<b>2016301302</b>	Vaxiion Therapeutics, LLC	<b>2017349006</b>	Barone, H.
<b>2016326737</b>	AbVitro LLC	<b>2017349869</b>	Wexiödisk Aktiebolag
<b>2016368527</b>	Alimentary Health Limited	<b>2017350440</b>	Taiho Pharmaceutical Co., Ltd.
<b>2016369320</b>	BASF Agricultural Solutions Seed US LLC	<b>2017354166</b>	Shearwater GeoServices Software Inc.
<b>2016379402</b>	Oregon State University; Board of Regents, The University of Texas System	<b>2017369122</b>	Sinomed Cardioita Technology Inc.
<b>2016419848</b>	Westinghouse Air Brake Technologies Corporation	<b>2017378199</b>	Virbac
<b>2017201618</b>	Allegion (Australia) Pty Ltd	<b>2017383105</b>	DuluxGroup (Australia) Pty Ltd
<b>2017203325</b>	Ferag AG	<b>2017383285</b>	Zodiac Pool Care Europe
<b>2017203876</b>	CNH Industrial America LLC; Autonomous Solutions, Inc.	<b>2017384299</b>	Solvay SA
<b>2017204054</b>	Liebherr-Mining Equipment Colmar SAS	<b>2017388870</b>	Synthetic Genomics, Inc.
<b>2017204555</b>	Flexidrill Limited	<b>2017401886</b>	Kimberly-Clark Worldwide, Inc.
<b>2017208021</b>	McNicholas, D.	<b>2017433763</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2017210620</b>	NOLANGROUP S.p.A.	<b>2017442436</b>	Dubai Aviation Engineering Projects
<b>2017211461</b>	Nissan Chemical Corporation	<b>2018203111</b>	VENTICO Australia Pty Limited
<b>2017222468</b>	nChain Holdings Limited	<b>2018204615</b>	Imtrade Australia Pty Ltd
<b>2017222470</b>	nChain Holdings Limited	<b>2018207113</b>	Berkshire Biomedical Corporation
<b>20172224924</b>	Cancer Research Technology Limited	<b>2018213194</b>	Molecular Templates, Inc.
<b>20172224944</b>	Kenwood Limited	<b>2018214240</b>	De La Rue International Limited
<b>20172228277</b>	Nativus, Inc.	<b>2018217434</b>	Immersive Robotics Pty Ltd
<b>20172229114</b>	Hytech Power, Inc.	<b>2018217636</b>	Société des Produits Nestlé S.A.
<b>20172229870</b>	Georgia-Pacific Gypsum LLC	<b>2018225432</b>	Fresenius Medical Care Holdings, Inc.
<b>20172322200</b>	Liebherr-Mining Equipment Colmar SAS	<b>2018230473</b>	H.B. Fuller Company
<b>2017234169</b>	Recordati Industria Chimica E Farmaceutica S.p.A. 1	<b>2018231239</b>	Medos International Sàrl
<b>2017244797</b>	BeeBryte SAS	<b>2018231241</b>	Medos International Sàrl
<b>2017245487</b>	Electrolux Appliances Aktiebolag	<b>2018231652</b>	Sonitor Technologies AS
<b>2017245709</b>	Novartis AG	<b>2018234822</b>	The Boeing Company; Toray Industries, Inc.
<b>2017248818</b>	Chromadex Inc.	<b>2018234835</b>	Corteva Agriscience LLC
<b>2017248985</b>	Kyoto University	<b>2018237677</b>	Huntley, T.
<b>2017254918</b>	Borecam Asia Pte Ltd	<b>2018240774</b>	Well Stone Co.
<b>2017259656</b>	Shenzhen Protgen Ltd.	<b>2018241255</b>	Commonwealth Scientific and Industrial Research Organisation
<b>2017260386</b>	Freddy Hirsch Group AG	<b>2018251664</b>	Johannes Lübbering GmbH
<b>2017263660</b>	Mathews International Corporation	<b>2018266602</b>	Veridium IP Limited
<b>2017264524</b>	De' Longhi Appliances S.r.l.	<b>2018267821</b>	Triastek, Inc.
<b>2017266933</b>	Magic Leap, Inc.	<b>2018269662</b>	Thales; Centre National de la Recherche Scientifique; Nanyang Technological University; Universite de Lille
<b>2017268399</b>	ModernaTX, Inc.	<b>2018272736</b>	Qualcomm Incorporated
<b>2017270920</b>	BiSN Tec Ltd	<b>2018280023</b>	Crane & Co., Inc.
<b>2017273495</b>	Innopharmax, Inc.	<b>2018281951</b>	Rabhi, V.
<b>2017276173</b>	PGS Geophysical AS	<b>2018283266</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited
<b>2017277949</b>	Blinkbio, Inc.	<b>2018284102</b>	Intergraph Corporation
<b>2017278114</b>	Celgene Corporation	<b>2018290317</b>	Metso Minerals Industries, Inc.
<b>2017281297</b>	Konecranes Global Corporation	<b>2018301298</b>	Guardian Glass, LLC
<b>2017285288</b>	Wayne Fueling Systems LLC	<b>2018301706</b>	Memorial Sloan Kettering Cancer Center
<b>2017286438</b>	Anticimex Innovation Center A/S	<b>2018304033</b>	Amgen Inc.
<b>2017287785</b>	Kongsberg Maritime AS	<b>2018304077</b>	Baxter International Inc.; Baxter Healthcare SA
<b>2017288105</b>	Nuvasive, Inc.	<b>2018307214</b>	Qualcomm Incorporated
<b>2017296110</b>	W & D McCulloch Ltd.	<b>2018311884</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited
<b>2017297997</b>	Eichenauer, T.	<b>2018317463</b>	The Trustees of Columbia University in the City of New York
<b>2017301641</b>	Illinois Tool Works Inc.	<b>2018317934</b>	Modibodi Australia Pty Ltd
<b>2017305106</b>	Breville Pty Limited	<b>2018318525</b>	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.
<b>2017313211</b>	Shaper Tools, Inc.	<b>2018319331</b>	Klomfass Gierlings & Partner GbR
<b>2017322251</b>	WESTFALIA-Automotive GmbH	<b>2018323502</b>	KM Biologics Co., Ltd.
<b>2017324488</b>	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude	<b>2018323528</b>	Leukogene Therapeutics Incorporated; MUSC Foundation for Research Development
<b>2017325110</b>	St Vincent's Hospital Sydney Limited	<b>2018328588</b>	ZTE Corporation
<b>2017331629</b>	Galileo Wheel Ltd.	<b>2018331479</b>	University of Maryland, College Park
<b>2017332746</b>	Artisan Vehicle Systems Inc.	<b>2018336416</b>	Toyo Aluminium Kabushiki Kaisha
<b>2017335131</b>	Fisher & Paykel Healthcare Limited	<b>2018346909</b>	Qualcomm Incorporated
<b>2017335237</b>	Aqualiner Limited	<b>2018347473</b>	Auris Health, Inc.
<b>2017336291</b>	Société des Produits Nestlé S.A.	<b>2018348241</b>	Opna Immuno-Oncology, SA
<b>2017336437</b>	RxSafe LLC	<b>2018361010</b>	Wuxi Biocity Biopharmaceutics Co., Ltd.
<b>2017342167</b>	Institut Pasteur de Montevideo; Universidad de la República; Batthyány, C.		
<b>2017344359</b>	Bayer Oy		
<b>2017346910</b>	Shelter Co., Ltd.		

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2018362257	Dexcom, Inc.	2020200955	Hayes, T.
2018368814	ANCA Pty Ltd	2020201256	AIM Targeted Therapies, Inc.
2018377993	Janssen Sciences Ireland Unlimited Company	2020203408	Genvivo, Inc.
2018378801	Provost, B.	2020207226	Urschel Laboratories, Inc.; Frito-Lay North America, Inc.
2018390927	Boehringer Ingelheim International GmbH	2020208794	Guerbet
2018393018	CoolSeal LLC	2020211777	Robert Bosch GmbH
2018395234	Bezel Studio	2020214316	Repligen Corporation
2018445294	CRRC Meishan Co., Ltd.	2020215190	Atlas Elektronik GmbH; thyssenkrupp AG
2018445805	Huawei Technologies Co., Ltd.	2020217906	Virox Technologies Inc.
2018449359	Peng, X.	2020218172	Electronic Caregiver, Inc.
2019207084	Samsung Electronics Co., Ltd.	2020218651	AstraZeneca AB
2019208442	Dust BioSolutions GmbH	2020219044	Becton, Dickinson and Company
2019213420	Tata Consultancy Services Limited	2020221855	Citrix Systems, Inc.
2019213554	CMR Surgical Limited	2020230012	International Business Machines Corporation
2019222491	Sunovion Pharmaceuticals Inc.	2020234057	Nicoventures Trading Limited
2019222502	Qualcomm Incorporated	2020246764	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
2019223882	Beijing Tide Pharmaceutical Co., Ltd.	2020248138	Kabushiki Kaisha Toyota Jidoshokki
2019243289	Les Laboratoires Servier	2020250230	Heron Therapeutics, Inc.
2019281255	The Trustees of Indiana University	2020250262	Biogen MA Inc.
2019284926	Caribou Biosciences, Inc.	2020255118	Kortek Corporation
2019290337	Albireo AB	2020255772	Asahi Kasei Medical Co., Ltd.
2019295574	Vid Scale, Inc.	2020256307	Ashworth Bros., Inc.
2019296449	Sandstone Medical (Suzhou) Inc.; Shi, G.; Horstman, A.	2020257037	ASSA ABLOY New Zealand Limited
2019297391	F. Hoffmann-La Roche AG	2020257116	Neurovision Pharma GmbH
2019300038	Hexamer Therapeutics, Inc.	2020258279	Booz Allen Hamilton Inc.
2019301819	Berkeley Lights, Inc.	2020261014	JCM American Corporation
2019302074	Sony Corporation	2020261995	Mitsubishi Heavy Industries Thermal Systems, Ltd.
2019310763	Neste Oyj	2020263550	Komatsu Ltd.
2019320723	Exxonmobil Upstream Resarch Company (EMCH-N1.4A.607)	2020265942	Huawei Technologies Co., Ltd.
2019326745	ACO Ahlmann SE & Co. KG	2020266496	Clumio, Inc.
2019327459	Ecolab USA Inc.	2020269129	Reliefed AB
2019328101	LG Electronics Inc.	2020270412	Transport Authority, Inc.
2019334017	Huawei Technologies Co., Ltd.	2020272506	Qualcomm Incorporated
2019335011	Gatekeeper Systems, Inc.	2020275125	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2019336879	LG Electronics Inc.	2020277098	DEKA Products Limited Partnership
2019341277	Huawei Technologies Co., Ltd.	2020277232	Libertas Bio, Inc.
2019344010	University of Delaware	2020286272	Joy Global Underground Mining LLC
2019345827	Shandong Cynda Chemical Co., Ltd.	2020289746	Boston Scientific Neuromodulation Corporation
2019346134	Janssen Biotech, Inc.	2020289750	Precision Biosciences, Inc.
2019348728	Plastic Energy Limited	2020294244	Malta Inc.
2019349084	Daikin Industries, Ltd.	2020294353	Rani Therapeutics, LLC
2019349935	Biophysics Pharma, Inc.; MASIZ, J.J.	2020296832	Baker Hughes, a GE Company, LLC
2019350542	Microsoft Technology Licensing, LLC	2020304637	Ecolab USA Inc.
2019357450	Edigene Therapeutics (Beijing) Inc.; Peking University	2020307419	Micro-Tech (Nanjing) Co., Ltd.
2019367235	Omachron Intellectual Property Inc.	2020315210	Pfizer Inc.
2019369876	LG Electronics Inc.	2020326630	Firefly Automatrix, Inc.
2019373730	Assa Abloy AB	2020328712	Baoshan Iron & Steel Co., Ltd.
2019378705	CHEP Technology Pty Limited	2020343234	Tencent America LLC
2019380200	LG Electronics Inc.	2020347559	SEPAgrind GmbH
2019380947	Ranpak Corp.	2020347721	Huaneng Clean Energy Research Institute
2019384866	LG Electronics Inc.	2020348517	Jeong, H.
2019385905	Merck Sharp & Dohme LLC	2020351096	Tencent America LLC
2019387565	Classic Connectors, Inc.	2020364313	Tencent America LLC
2019392872	SSAB Technology AB	2020372880	Tencent America LLC
2019395661	PI-Design AG	2020377021	Zhejiang Funlithium New Energy Tech Co., Ltd.
2019409992	Defining Future Solutions Pty Ltd	2020388957	thyssenkrupp AG; thyssenkrupp Marine Systems GmbH
2019411709	Brilliance Bio-tech Co., Ltd.; Ocean University of China	2020396492	Wing Aviation LLC
2019412926	Cosmo Koki Co., Ltd.	2020403705	VivaVision (Shanghai) Ltd
2019414540	Zhejiang CHINT Electrics Co., Ltd.	2020432487	Paragon Software GmbH
2019414849	Tsinghua University; Nuctech Company Limited	2021200503	Zambon S.p.A.
2019422265	Kimberly-Clark Worldwide, Inc.	2021200622	AMVAC Hong Kong Limited
2019423279	S.C. Johnson & Son, Inc.	2021201221	MX Technologies Inc.
2019425177	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e. V.	2021201498	BASF SE
2019427660	Mitsubishi Electric Corporation	2021201529	3M Innovative Properties Company
2019433004	Shenzhen Hive Box Network Technology Limited	2021201569	CSER Ventures, LLC.
2019439692	Oriental (Luzhou) Agrochemicals Co., Ltd.	2021201701	Einhell Germany AG
2019441599	Shenzhen Upcera Dental Technology Co., Ltd	2021201894	Komatsu Ltd.
2019441748	Shenzhen Upcera Dental Technology Co., Ltd	2021201998	Bioprotonics, Inc.
2019444480	Micro Motion, Inc.	2021202103	Milliken & Company
2019448451	Mitsubishi Electric Corporation	2021202131	Inhibrx, Inc.

## Applications Accepted - Numerical Index cont'd

2021202555	Dongguan Poweramp Technology Limited
2021202586	Best Rider Global Limited
2021202601	Ceres Tag Ltd
2021202804	Unigen, Inc.
2021202809	Covidien LP
2021202962	Astex Therapeutics Limited; Cancer Research Technology Limited
2021202971	LG Electronics Inc.
2021202973	Astex Therapeutics Limited; Cancer Research Technology Limited
2021203057	LightLab Imaging, Inc.
2021203148	Immunogen, Inc.
2021203347	D.T. Davis Enterprises, Ltd. (d/b/a Hovertech International)
2021203403	Canon Kabushiki Kaisha
2021203760	Transportation IP Holdings, LLC
2021203814	AdvanSix Resins & Chemicals LLC
2021203878	Copia Corporation Pty Ltd
2021204724	SWIMC LLC
2021204815	Schock GmbH
2021206683	Tencent America LLC
2021209184	Angel Group Co., Ltd.
2021209285	Schock GmbH
2021211999	Zillow, Inc.
2021212071	Impossible Foods Inc.
2021212128	Milwaukee Electric Tool Corporation
2021215124	Surcon Ltd
2021215290	Acer Incorporated
2021217996	PanGang Group Panzhihua Iron & Steel Research Institute Co., Ltd.
2021218127	Inoptec Limited, Zweigniederlassung Deutschland
2021225252	Tsai, Y.
2021225871	Match Group, LLC
2021229252	Ecology Institute of Shandong Academy of Sciences (China-Japan Friendship Biotechnology Research Center of Shandong Academy of Sciences)
2021229256	SU, C.
2021231537	Airbus Defence and Space SAS
2021232777	Google LLC
2021237381	University of Utah Research Foundation
2021238860	Unex Aparellaje Electrico S.L.
2021240181	BOE Technology Group Co., Ltd.
2021250882	Apple Inc.
2021254534	Nicoventures Trading Limited
2021254570	Apple Inc.
2021254630	South Plastic Industry Co., Ltd.
2021266226	NTT DOCOMO, INC.
2021266234	Motorola Solutions, Inc.
2021269318	Apple Inc.
2021269380	Golden Solar (Quanzhou) New Energy Technology Co., Ltd.
2021271189	Airbus Defence and Space SAS
2021273595	FISHER & PAYKEL HEALTHCARE LIMITED
2021282539	Pavilion Coating (M) Sdn. Bhd.
2021286250	Becton, Dickinson and Company
2021290398	Lam, T.T.
2021323936	Lightforce Australia Pty Limited
2022200286	Britax Römer Kindersicherheit GmbH
2022200515	Apple Inc.
2022200548	Institute of Geology and Geophysics, Chinese Academy of Sciences
2022200593	Commercialisation Express Pty Ltd
2022202683	Google LLC

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2017203876	2020347559	2017264524	2020218172	2018377993	2019441748
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2021200622	2020347559	2017224944	2021203057	2019222491	2020201256
<b><u>A01C 7 /-</u></b>	<b><u>A23C 11 /-</u></b>	<b><u>A47J 37 /-</u></b>	<b><u>A61B 50 /-</u></b>	2019223882	2021202804
2021200622	2018217636	2017224944	2021229256	2019243289	<b><u>A61K 9 /-</u></b>
<b><u>A01D 34 /-</u></b>	<b><u>A23C 19 /-</u></b>	2017305106	<b><u>A61B 90 /-</u></b>	2019290337	2017234169
2020326630	2021212071	<b><u>A47J 42 /-</u></b>	2017344359	2019349935	2017273495
<b><u>A01G 25 /-</u></b>	<b><u>A23D 7 /-</u></b>	2019395661	2021229256	2019357450	2018240774
2017297997	2018217636	<b><u>A47J 43 /-</u></b>	<b><u>A61C 19 /-</u></b>	2019385905	2019349935
<b><u>A01H 1 /-</u></b>	<b><u>A23F 5 /-</u></b>	2017224944	2018207113	2020218651	2020250230
2016369320	2018217636	<b><u>A47K 10 /-</u></b>	<b><u>A61F 13 /-</u></b>	2020250230	2020277232
<b><u>A01H 5 /-</u></b>	<b><u>A23K 20 /-</u></b>	2016202423	2017401886	2020315210	2020250230
2016369320	2018449359	<b><u>A47K 3 /-</u></b>	2018317934	2020403705	2021200503
<b><u>A01K 1 /-</u></b>	<b><u>A23L 19 /-</u></b>	2021204815	2021201529	2021200503	<b><u>A61L 2 /-</u></b>
2021203878	2020270412	2021209285	<b><u>A61F 2 /-</u></b>	2021202804	2016301302
<b><u>A01K 11 /-</u></b>	<b><u>A23L 2 /-</u></b>	2016202423	2017349006	2021202962	2018304077
2021202601	2018318525	<b><u>A47L 15 /-</u></b>	2017369122	2021202973	2020217906
<b><u>A01K 57 /-</u></b>	<b><u>A23L 33 /-</u></b>	2017349869	2018231239	<b><u>A61K 35 /-</u></b>	<b><u>A61M 1 /-</u></b>
2020348517	2017248818	<b><u>A47L 17 /-</u></b>	<b><u>A61F 6 /-</u></b>	2016301302	2018225432
<b><u>A01K 59 /-</u></b>	<b><u>A23P 20 /-</u></b>	2021204815	2017344359	2016368527	2021201529
2020348517	2020270412	2021209285	<b><u>A61F 9 /-</u></b>	2017248985	<b><u>A61M 16 /-</u></b>
<b><u>A01M 1 /-</u></b>	<b><u>A24D 1 /-</u></b>	<b><u>A47L 23 /-</u></b>	2021218127	2018240774	2017335131
2017286438	2020234057	2021202103	<b><u>A61G 7 /-</u></b>	<b><u>A61K 36 /-</u></b>	2021273595
<b><u>A01N 25 /-</u></b>	<b><u>A24F 47 /-</u></b>	<b><u>A47L 9 /-</u></b>	2021203347	2018240774	<b><u>A61M 31 /-</u></b>
2018204615	2021202586	2019367235	<b><u>A61J 1 /-</u></b>	<b><u>A61K 38 /-</u></b>	2018207113
2018234835	2021254534	<b><u>A61B 1 /-</u></b>	2017378199	2019300038	2020294353
<b><u>A01N 33 /-</u></b>	<b><u>A41B 9 /-</u></b>	2018231239	2018304077	2020289750	<b><u>A61M 39 /-</u></b>
2018234835	2018317934	2018231241	<b><u>A61J 15 /-</u></b>	<b><u>A61K 39 /-</u></b>	2021229256
<b><u>A01N 43 /-</u></b>	<b><u>A41C 3 /-</u></b>	2021225252	2021229256	2017268399	<b><u>A61M 5 /-</u></b>
2019345827	2018317934	<b><u>A61B 17 /-</u></b>	<b><u>A61J 3 /-</u></b>	2018213194	2018225432
<b><u>A01N 57 /-</u></b>	<b><u>A41D 7 /-</u></b>	2017288105	2020270412	2018323502	2019296449
2021201498	2018317934	2018231241	<b><u>A61J 7 /-</u></b>	2019346134	<b><u>A61N 1 /-</u></b>
<b><u>A01P 13 /-</u></b>	<b><u>A42B 3 /-</u></b>	2020307419	2018207113	2020203408	2020289746
2019345827	2017210620	<b><u>A61B 34 /-</u></b>	<b><u>A61K 31 /-</u></b>	<b><u>A61K 45 /-</u></b>	<b><u>A61P 1 /-</u></b>
<b><u>A22C 13 /-</u></b>	<b><u>A47B 7 /-</u></b>	2018347473	2017211461	2017224924	2019290337
2017260386	2019378705	2019213554	2017224924	2017342167	<b><u>A61P 17 /-</u></b>
		2021202809	2017234169	<b><u>A61K 47 /-</u></b>	2018240774
		2017248818	2017234169	2017277949	2021202804
		2019213554	2017248818	2018213194	<b><u>A61P 23 /-</u></b>
		2021202809	2017273495	2019349935	2020277232
		<b><u>A61B 46 /-</u></b>	2017277949	2020250230	<b><u>A61P 25 /-</u></b>
		2019213554	2017278114	<b><u>A61K 48 /-</u></b>	2017336291
			2017336291	2017211461	2019222491
			2017342167	2019284926	2019223882
			2017350440	2020250262	<b><u>A61P 29 /-</u></b>
				<b><u>A61K 6 /-</u></b>	2020218651

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2020277232	<b><u>B01D 45 /-</u></b>	<b><u>B21G 3 /-</u></b>		<b><u>B60D 1 /-</u></b>	
<b><u>A61P 3 /-</u></b>	2018237677	2017301641	<b><u>B27K 5 /-</u></b>	2017322251	<b><u>B64G 1 /-</u></b>
2019290337	<b><u>B01D 61 /-</u></b>	<b><u>B21G 5 /-</u></b>	2018331479		201231537
<b><u>A61P 31 /-</u></b>	2018225432	2017301641	<b><u>B29C 39 /-</u></b>	<b><u>B60K 28 /-</u></b>	2021271189
2018323502	<b><u>B01D 69 /-</u></b>	<b><u>B21K 1 /-</u></b>	2021204815	2017208021	<b><u>B65B 3 /-</u></b>
2018377993			2021209285	<b><u>B60N 2 /-</u></b>	2018304077
2019300038	2020255772	2020257037	<b><u>B29C 48 /-</u></b>	2022200286	<b><u>B65B 55 /-</u></b>
<b><u>A61P 33 /-</u></b>	<b><u>B01D 71 /-</u></b>	<b><u>B22C 7 /-</u></b>	2020214316	<b><u>B60R 5 /-</u></b>	2019380947
2019300038	2020255772	2017263660	2020269129	2017348386	<b><u>B65B 9 /-</u></b>
<b><u>A61P 35 /-</u></b>	<b><u>B01J 13 /-</u></b>	<b><u>B22D 27 /-</u></b>	2021238860	<b><u>B60R 7 /-</u></b>	2017336437
2017224924	2018234835	2017263660	<b><u>B29C 63 /-</u></b>	2017348386	<b><u>B65D 19 /-</u></b>
2017273495			2017335237	<b><u>B60R 9 /-</u></b>	2019378705
2017278114	<b><u>B01J 19 /-</u></b>	<b><u>B23K 11 /-</u></b>	<b><u>B29C 64 /-</u></b>	2017348386	<b><u>B65D 33 /-</u></b>
2017350440	2019348728	2021217996	2018267821		<b><u>B65D 33 /-</u></b>
2018348241			<b><u>B29C 65 /-</u></b>	<b><u>B61F 5 /-</u></b>	2018304077
2018361010	<b><u>B01J 47 /-</u></b>	<b><u>B23K 37 /-</u></b>	2018234822	2018445294	2019423279
2018390927	2020347721	2021217996	2020214316	<b><u>B61H 15 /-</u></b>	<b><u>B65D 43 /-</u></b>
2019243289			<b><u>B29C 67 /-</u></b>	2016419848	2021254630
2019300038	<b><u>B01J 49 /-</u></b>	<b><u>B23P 17 /-</u></b>	2018267821	<b><u>B62B 3 /-</u></b>	<b><u>B65D 5 /-</u></b>
2019385905	2020347721	2017313211	<b><u>B29L 31 /-</u></b>	2019378705	2017245709
2020218651	<b><u>B01L 3 /-</u></b>	<b><u>B25B 13 /-</u></b>	2018234822	<b><u>B62B 5 /-</u></b>	<b><u>B65D 81 /-</u></b>
2020315210	2019301819	2018251664	<b><u>B31D 5 /-</u></b>	2019335011	2019380947
2021202962	<b><u>B01L 9 /-</u></b>	<b><u>B25B 17 /-</u></b>	2019380947	<b><u>B62D 33 /-</u></b>	<b><u>B65D 83 /-</u></b>
<b><u>A61P 37 /-</u></b>	2018304033	2018251664	<b><u>B32B 3 /-</u></b>	2017348386	2021282539
2017248985	<b><u>B02C 18 /-</u></b>	<b><u>B25B 23 /-</u></b>	2020214316	<b><u>B62D 49 /-</u></b>	<b><u>B65G 17 /-</u></b>
2018323502	2020347559	2018251664	<b><u>B32B 37 /-</u></b>	2019392872	2017203325
2019300038	<b><u>B03C 1 /-</u></b>	<b><u>B25F 5 /-</u></b>	2018319331	<b><u>B62J 27 /-</u></b>	2020256307
<b><u>A61P 43 /-</u></b>	2018304033	2021212128	2020214316	<b><u>B63B 21 /-</u></b>	2020256307
2017342167	<b><u>B04C 5 /-</u></b>	<b><u>B25G 1 /-</u></b>	<b><u>B32B 7 /-</u></b>	2020211777	<b><u>B65G 21 /-</u></b>
<b><u>A61P 9 /-</u></b>	2018290317	2021204724	2020214316	<b><u>B63B 21 /-</u></b>	<b><u>B65G 63 /-</u></b>
2019223882	<b><u>B05C 5 /-</u></b>	<b><u>B25G 3 /-</u></b>	<b><u>B32B 9 /-</u></b>	2017287785	2017281297
<b><u>A61Q 19 /-</u></b>	2018304033	2021212128	2017229870	<b><u>B63B 35 /-</u></b>	<b><u>B67D 7 /-</u></b>
2020201256	<b><u>B04C 5 /-</u></b>	<b><u>B25G 1 /-</u></b>	<b><u>B42D 25 /-</u></b>	2021290398	2017208021
<b><u>A62D 3 /-</u></b>	2018290317	2021204724	2018214240	<b><u>B63G 8 /-</u></b>	<b><u>C02F 1 /-</u></b>
2021229252	<b><u>B05C 5 /-</u></b>	<b><u>B25G 3 /-</u></b>	2018280023	2020215190	2020304637
<b><u>A63F 13 /-</u></b>	2017301641	2021204724	<b><u>B60C 13 /-</u></b>	2020388957	<b><u>C02F 5 /-</u></b>
2018217434	<b><u>B05C 9 /-</u></b>	<b><u>B25J 13 /-</u></b>	2017331629	<b><u>B63H 20 /-</u></b>	2020304637
2019350542	2017301641	2018347473	<b><u>B60C 17 /-</u></b>	2018378801	<b><u>C03B 11 /-</u></b>
2020255118	<b><u>B09B 3 /-</u></b>	<b><u>B26D 1 /-</u></b>	2017331629	<b><u>B63H 21 /-</u></b>	2017263660
<b><u>B01D 17 /-</u></b>	2021229252	2020207226	<b><u>B60C 9 /-</u></b>	2018378801	<b><u>C03C 10 /-</u></b>
2019327459	<b><u>B09C 1 /-</u></b>	<b><u>B26D 3 /-</u></b>	2017331629	<b><u>B64D 37 /-</u></b>	2019441599
2020296832	2021229252	2020207226	<b><u>B60C 17 /-</u></b>	2017208021	2019441748
<b><u>B01D 27 /-</u></b>	2021229252	2020207226	2017331629		
2020214316	<b><u>B21C 23 /-</u></b>	<b><u>B26D 7 /-</u></b>	<b><u>B60C 9 /-</u></b>		
<b><u>B01D 35 /-</u></b>	2020269129	2020207226	2017331629		
2018203111	<b><u>B21C 25 /-</u></b>	2021269380	<b><u>B27K 1 /-</u></b>		
2018237677	2020269129	2018331479			

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<b><u>C03C 12 /-</u></b>	<b><u>C07C 49 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C10G 33 /-</u></b>	<b><u>C12P 19 /-</u></b>
2019441599	2021202804	2021202962	2021202131	2019327459	2017211461
2019441748	<b><u>C07C 67 /-</u></b>	2021202973			2019411709
<b><u>C03C 17 /-</u></b>		<b><u>C07D 417 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C11B 3 /-</u></b>	2021286250
2018301298	2019439692		2019300038	2019310763	<b><u>C12P 41 /-</u></b>
	<b><u>C07C 69 /-</u></b>	2020277232		<b><u>C11B 9 /-</u></b>	2021201498
<b><u>C03C 23 /-</u></b>		2021202973	<b><u>C08G 18 /-</u></b>	2021209285	<b><u>C12P 9 /-</u></b>
2018301298	2019439692	<b><u>C07D 453 /-</u></b>	2018230473	<b><u>C11D 1 /-</u></b>	2021201498
	<b><u>C07D 207 /-</u></b>	2018390927	2021203814		
<b><u>C04B 28 /-</u></b>	2020277232	<b><u>C07D 471 /-</u></b>	<b><u>C08J 11 /-</u></b>	2017384299	<b><u>C12Q 1 /-</u></b>
2019208442	<b><u>C07D 209 /-</u></b>		2020304637		2016326737
<b><u>C04B 35 /-</u></b>		2018348241	<b><u>C11D 11 /-</u></b>	2017384299	2016369320
2018269662	2021202962	2018361010			2017325110
	<b><u>C07D 211 /-</u></b>	2018390927	<b><u>C08J 3 /-</u></b>	<b><u>C11D 3 /-</u></b>	2020203408
<b><u>C04B 38 /-</u></b>		2019243289	2017383105		2021229252
2018269662	2020277232	2020208794	<b><u>C08K 3 /-</u></b>	2017384299	2021286250
	<b><u>C07D 213 /-</u></b>	2020277232		2020304637	<b><u>C12R 1 /-</u></b>
<b><u>C04B 41 /-</u></b>		2020315210	2017383105		2017259656
2018269662	2021202804	<b><u>C07D 487 /-</u></b>	2018393018	<b><u>C12G 3 /-</u></b>	2021229252
	<b><u>C07D 219 /-</u></b>		2021204815	2018318525	<b><u>C21D 1 /-</u></b>
<b><u>C07B 59 /-</u></b>		2018361010	2021209285	<b><u>C12M 1 /-</u></b>	2021217996
2021202962	2019425177	2018377993	<b><u>C08K 5 /-</u></b>	2019301819	<b><u>C21D 9 /-</u></b>
2021202973	<b><u>C07D 239 /-</u></b>	2019385905		<b><u>C12N 1 /-</u></b>	2021217996
		2020208794	2017383105	2016301302	<b><u>C22C 1 /-</u></b>
<b><u>C07C 13 /-</u></b>	2019345827	2021202973	<b><u>C08L 101 /-</u></b>	2017259656	2021237381
2020403705	<b><u>C07D 241 /-</u></b>	2021203148		2017388870	<b><u>C22C 14 /-</u></b>
		<b><u>C07D 495 /-</u></b>	<b><u>C08L 33 /-</u></b>	2021201498	2021229252
<b><u>C07C 233 /-</u></b>	<b><u>C07D 241 /-</u></b>		2017383105	<b><u>C12N 15 /-</u></b>	2021237381
2018323528		2018377993	<b><u>C08L 101 /-</u></b>	2016326737	<b><u>C22C 38 /-</u></b>
	<b><u>C07D 285 /-</u></b>	2019222491		2016369320	2020328712
<b><u>C07C 235 /-</u></b>		<b><u>C07D 498 /-</u></b>	<b><u>C08L 95 /-</u></b>	2016379402	<b><u>C23C 2 /-</u></b>
2018323528	2019290337	2020277232	2021204815	2017211461	2017301641
	<b><u>C07D 307 /-</u></b>	<b><u>C07D 513 /-</u></b>	2021209285	2017259656	<b><u>C23C 4 /-</u></b>
<b><u>C07C 237 /-</u></b>			<b><u>C08L 95 /-</u></b>	2017268399	2017301641
2019327459	<b><u>C07D 317 /-</u></b>	<b><u>C07D 519 /-</u></b>	2018393018	2017325110	<b><u>C25D 3 /-</u></b>
			<b><u>C09B 57 /-</u></b>	2018323502	2017301641
<b><u>C07C 253 /-</u></b>	<b><u>C07D 401 /-</u></b>	2018377993		2019284926	<b><u>C25D 7 /-</u></b>
2019439692		2018390927	<b><u>C09D 195 /-</u></b>	2019297391	2017301641
	<b><u>C07D 407 /-</u></b>	<b><u>C07F 5 /-</u></b>	2019425177	2019300038	<b><u>C25D 3 /-</u></b>
<b><u>C07C 255 /-</u></b>			<b><u>C09D 201 /-</u></b>	2019357450	2017301641
2019439692	2020277232	2020218651		2020203408	2017301641
	2021202973	<b><u>C07F 9 /-</u></b>	<b><u>C09D 201 /-</u></b>	2020257116	<b><u>C25D 7 /-</u></b>
<b><u>C07C 311 /-</u></b>	<b><u>C07D 403 /-</u></b>	2021202962	2017383105	<b><u>C12N 5 /-</u></b>	<b><u>C25D 7 /-</u></b>
2019425177		2021202973	<b><u>C09J 175 /-</u></b>	2017248985	2017301641
	<b><u>C07D 405 /-</u></b>	<b><u>C07H 21 /-</u></b>		2019301819	<b><u>D01F 6 /-</u></b>
<b><u>C07C 39 /-</u></b>			<b><u>C09J 201 /-</u></b>	2020203408	2020255772
2021202804	2020277232	2017388870	2018230473	<b><u>C12N 9 /-</u></b>	<b><u>D06F 35 /-</u></b>
	2021202962	2020250262		2019284926	2019336879
<b><u>C07C 43 /-</u></b>	2021202973	<b><u>C07H 7 /-</u></b>	<b><u>C09K 23 /-</u></b>	2020289750	<b><u>D06F 39 /-</u></b>
2021202804	<b><u>C07D 407 /-</u></b>		2020296832	2021201498	
		2017248818	<b><u>C10G 3 /-</u></b>	<b><u>C12P 13 /-</u></b>	
<b><u>C07C 45 /-</u></b>	2021202973	<b><u>C07K 14 /-</u></b>	2019310763	2021201498	
2021202804	<b><u>C07D 409 /-</u></b>				
		2016369320			
		2017268399			
		2018213194			
		2018323502			
		2019346134			



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<b><u>D06F 58 /-</u></b>	<b><u>E04H 4 /-</u></b>	2017254918	2020248138	<b><u>F17C 5 /-</u></b>	2019320723
2019336879	2017383285	<b><u>E21B 33 /-</u></b>	<b><u>F03C 1 /-</u></b>	2017324488	<b><u>F28D 11 /-</u></b>
2019369876	<b><u>E04H 5 /-</u></b>	2017270920	2018281951	<b><u>F21L 4 /-</u></b>	2017228277
<b><u>D06M 101 /-</u></b>	2019326745	<b><u>E21B 36 /-</u></b>	<b><u>F04B 1 /-</u></b>	2018395234	<b><u>F28F 5 /-</u></b>
2020255772	<b><u>E05B 13 /-</u></b>	2017270920	2018281951	<b><u>F21V 13 /-</u></b>	2017228277
<b><u>D06M 15 /-</u></b>	2017201618	<b><u>E21B 47 /-</u></b>	<b><u>F04B 53 /-</u></b>	2018395234	<b><u>F41A 11 /-</u></b>
2020255772	<b><u>E05B 55 /-</u></b>	2017254918	2018281951	<b><u>F21V 21 /-</u></b>	2021323936
<b><u>D21H 11 /-</u></b>	2017201618	2021215124	<b><u>F15B 1 /-</u></b>	2019409992	<b><u>F41A 21 /-</u></b>
2019422265	2017201618	2022200548	2017204054	<b><u>F21V 33 /-</u></b>	2021323936
<b><u>D21H 27 /-</u></b>	<b><u>E05B 63 /-</u></b>	<b><u>E21B 7 /-</u></b>	2017204555	2019409992	<b><u>F41A 3 /-</u></b>
2019422265	2017201618	2017204555	<b><u>F15B 21 /-</u></b>	2019409992	<b><u>F41A 3 /-</u></b>
<b><u>E01B 29 /-</u></b>	<b><u>E05B 65 /-</u></b>	<b><u>E21C 25 /-</u></b>	2017204054	<b><u>F21V 5 /-</u></b>	2021323936
2017296110	2016203527	2020286272	<b><u>F16B 19 /-</u></b>	2018395234	<b><u>G01C 11 /-</u></b>
<b><u>E01B 31 /-</u></b>	<b><u>E05C 17 /-</u></b>	<b><u>E21C 47 /-</u></b>	2020257037	<b><u>F21V 7 /-</u></b>	2021201894
2021217996	2020257037	2017232200	<b><u>F16B 31 /-</u></b>	2018395234	<b><u>G01C 15 /-</u></b>
<b><u>E01C 1 /-</u></b>	<b><u>E05D 11 /-</u></b>	<b><u>F01D 15 /-</u></b>	2019387565	<b><u>F21W 131 /-</u></b>	2021201894
2017442436	2020257037	2020294244	<b><u>F16B 35 /-</u></b>	2018395234	<b><u>G01C 21 /-</u></b>
<b><u>E01C 11 /-</u></b>	<b><u>E05D 15 /-</u></b>	<b><u>F01D 17 /-</u></b>	2021323936	<b><u>F24F 11 /-</u></b>	2019433004
2019326745	2020257037	2020294244	<b><u>F16B 39 /-</u></b>	2020261995	2021203760
<b><u>E01C 7 /-</u></b>	<b><u>E05F 11 /-</u></b>	<b><u>F01K 23 /-</u></b>	2021323936	<b><u>F24F 13 /-</u></b>	<b><u>G01D 11 /-</u></b>
2018393018	2020257037	2020294244	<b><u>F16D 65 /-</u></b>	2019448451	2020261995
<b><u>E02B 15 /-</u></b>	<b><u>E05F 5 /-</u></b>	<b><u>F02B 43 /-</u></b>	2016419848	<b><u>F25B 1 /-</u></b>	<b><u>G01J 1 /-</u></b>
2018241255	2020257037	2017229114	<b><u>F16H 61 /-</u></b>	2019349084	2020261995
<b><u>E02D 29 /-</u></b>	<b><u>E06B 1 /-</u></b>	<b><u>F02B 61 /-</u></b>	2018378801	<b><u>F25B 3 /-</u></b>	<b><u>G01J 5 /-</u></b>
2019326745	2020200955	2018378801	<b><u>F16J 1 /-</u></b>	2017228277	2019369876
<b><u>E02F 3 /-</u></b>	<b><u>E06B 7 /-</u></b>	<b><u>F02C 6 /-</u></b>	2018281951	<b><u>F25B 45 /-</u></b>	<b><u>G01L 1 /-</u></b>
2019392872	2016203527	2020294244	<b><u>F16K 1 /-</u></b>	2019349084	2019344010
<b><u>E02F 9 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>F02D 19 /-</u></b>	2019412926	<b><u>F25B 49 /-</u></b>	<b><u>G01L 5 /-</u></b>
2019392872	2022200593	2017229114	<b><u>F16K 27 /-</u></b>	2019349084	2017287785
2020263550	<b><u>E21B 10 /-</u></b>	2017346959	2019412926	<b><u>F25C 1 /-</u></b>	<b><u>G01N 11 /-</u></b>
2021201894	2017204555	<b><u>F02D 43 /-</u></b>	2020214316	2019380200	2019444480
<b><u>E03F 5 /-</u></b>	<b><u>E21B 23 /-</u></b>	2017346959	<b><u>F16L 13 /-</u></b>	2019384866	<b><u>G01N 15 /-</u></b>
2019326745	2017254918	<b><u>F02M 21 /-</u></b>	2020214316	<b><u>F25C 5 /-</u></b>	2018241255
<b><u>E04B 1 /-</u></b>	<b><u>E21B 25 /-</u></b>	2017229114	<b><u>F16L 3 /-</u></b>	2019384866	<b><u>G01N 21 /-</u></b>
2017346910	2017204555	<b><u>F02M 25 /-</u></b>	2021238860	<b><u>F25D 23 /-</u></b>	2019425177
2019326745	2017254918	2017229114	<b><u>F16L 55 /-</u></b>	2019380200	<b><u>G01N 33 /-</u></b>
<b><u>E04C 2 /-</u></b>	<b><u>E21B 28 /-</u></b>	2017346959	2017335237	2019427660	2018241255
2017229870	2017204555	<b><u>F02M 26 /-</u></b>	2019412926	<b><u>F25D 27 /-</u></b>	2019425177
<b><u>E04C 3 /-</u></b>	<b><u>E21B 29 /-</u></b>	2020248138	<b><u>F16M 13 /-</u></b>	2020275125	2021286250
2020200955		<b><u>F02M 35 /-</u></b>	2016202423	<b><u>F25J 1 /-</u></b>	<b><u>G01N 35 /-</u></b>
					2018304033

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<b>G01N 9 /-</b>	<b>G06F 21 /-</b>	2017232200 2017244797 2021203760	<b>G10K 11 /-</b>	<b>H02J 3 /-</b>	2021269318 2022200515
2019444480	2018266602 2020277098 2021250882		2020215190	2017244797	
<b>G01R 33 /-</b>		<b>G06T 17 /-</b>	<b>G10L 15 /-</b>	<b>H02J 7 /-</b>	<b>H04N 1 /-</b>
2021201998	<b>G06F 3 /-</b>	2021211999	2022202683	2020388957	2019302074
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2017287785	2021254570 2021269318 2022200515	2021211999	2020219044	2020388957	2019295574 2019302074 2019334017 2019341277 2020343234 2020351096 2020364313 2020372880 2021206683 2021266226
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2018231652	<b>G06F 7 /-</b>	2018346909	2020219044 2020277098	2018368814	
<b>G01S 7 /-</b>	2018266602	<b>G06T 5 /-</b>	<b>G16Y 40 /-</b>	<b>H02S 20 /-</b>	
2020215190	<b>G06F 9 /-</b>	2019302074	2022202683	2021290398	
<b>G01V 1 /-</b>	2020221855	<b>G06T 7 /-</b>	<b>H01G 11 /-</b>	<b>H03M 7 /-</b>	<b>H04N 7 /-</b>
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2019414849 2022200548	<b>G06K 9 /-</b>	2019302074	2021266234	2021266234	2020263550 2021212128 2022202683
<b>G02B 3 /-</b>	2018284102 2018301706 2021211999	<b>G07C 5 /-</b>	<b>H01H 21 /-</b>	<b>H04B 5 /-</b>	<b>H04W 12 /-</b>
2018280023	<b>G06N 10 /-</b>	2020211777	2020255118	2017229870	2021250882
<b>G02C 7 /-</b>	2021232777	<b>G07C 9 /-</b>	<b>H01H 71 /-</b>	<b>H04B 7 /-</b>	<b>H04W 24 /-</b>
2021218127	<b>G06N 20 /-</b>	2017285288 2019373730	2019414540	2018217434	<b>H04W 36 /-</b>
<b>G03G 21 /-</b>	2021211999 2021232777	<b>G07D 7 /-</b>	<b>H01J 49 /-</b>	<b>H04L 1 /-</b>	2018272736
2021203403	<b>G06N 3 /-</b>	2020261014	2019281255	2019222502 2021202971	2018307214 2018311884 2020265942
<b>G05B 19 /-</b>	2018301706 2021232777	<b>G07F 13 /-</b>	<b>H01L 31 /-</b>	<b>H04L 12 /-</b>	<b>H04W 4 /-</b>
2017313211 2020258279	<b>G06N 7 /-</b>	2017285288	2018336416	2022202683	2018272736 2021212128 2021225871 2021254534 2022202683
<b>G05D 1 /-</b>	2017222468 2017222470 2021232777	<b>G07F 17 /-</b>	<b>H01L 41 /-</b>	<b>H04L 47 /-</b>	<b>H04W 40 /-</b>
2017281297 2020326630 2020396492	<b>G06N 99 /-</b>	2021209184	2019344010	2019213420	2018272736
<b>G06F 1 /-</b>	2021232777	<b>G08B 1 /-</b>	<b>H01L 51 /-</b>	<b>H04L 5 /-</b>	2018272736
2021254570	<b>G06Q 10 /-</b>	2021225871	2021240181	2019222502 2020272506 2021202971 2021215290	<b>H04W 48 /-</b>
<b>G06F 11 /-</b>	2017244797 2020221855 2020396492	<b>G08B 13 /-</b>	<b>H01M 10 /-</b>	<b>H04L 51 /-</b>	2021212128
2020221855 2020266496	<b>G06Q 20 /-</b>	2017285288 2019335011 2020258279	2018317463 2020377021 2021202555	2021269318	<b>H04W 64 /-</b>
<b>G06F 15 /-</b>	2017222468 2017222470	<b>G08B 17 /-</b>	<b>H01M 50 /-</b>	<b>H04L 65 /-</b>	2021225871
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2021211999	<b>G09G 5 /-</b>	2020396492	2021231537	2022202683	
<b>G06F 17 /-</b>	2020221855	<b>G08G 99 /-</b>	<b>H01Q 15 /-</b>	<b>H04L 9 /-</b>	
2018225432	<b>G06Q 50 /-</b>	2017442436	2021231537	2021250882	
		<b>G09G 5 /-</b>	<b>H02G 3 /-</b>	<b>H04M 1 /-</b>	
		2017266933	2021238860		

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**H04W 84 /-**

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**H04W 88 /-**

2018283266

2021215290

**H05B 6 /-**

2019328101

2019369876

**H05K 5 /-**

2021201701

**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) Freudigmann, M.  
 (11) AU-B-2021103343  
 (21) 2021103343 (22) 15.06.2021  
 (54) A provider independent account identification system and method therefor  
 (51) Int. Cl.  
     G06Q 20/38 ( 2012.01 )  
     G06Q 20/22 ( 2012.01 )  
     G06Q 40/02 ( 2012.01 )  
 (45) 12.01.2023  
 (72) Freudigmann, Michael Joseph Peter  
 (74) Spruson & Ferguson

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(71) Macquarie Medical Systems Pty Ltd  
 (11) AU-B-2021107649  
 (21) 2021107649 (22) 24.08.2021  
 (54) SKIN EXAMINATION DEVICE  
 (51) Int. Cl.  
     A61B 5/00 ( 2006.01 )  
     G01N 21/47 ( 2006.01 )  
     G02B 5/02 ( 2006.01 )  
     G02B 27/00 ( 2006.01 )  
     G02B 27/28 ( 2006.01 )  
 (31) 2021902688 (32) 24.08.21 (33) AU  
 (45) 12.01.2023  
 (72) Lim, Kar Gay  
 (74) Integrated IP

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(71) SUNGROW (SHANGHAI) CO., LTD.  
 (11) AU-B-2021104136  
 (21) 2021104136 (22) 14.07.2021  
 (54) INVERTER  
 (51) Int. Cl.  
     H05K 7/20 ( 2006.01 )  
     H02M 7/53 ( 2006.01 )  
 (31) 202022689563.X (32) 19.11.20 (33) CN  
 (45) 12.01.2023  
 (72) ZENG, Bing; YU, Haiyang; WANG, Ru  
 (74) Davies Collison Cave Pty Ltd

**Numerical Index**

**2021103343** Freudigmann, M.  
**2021104136** SUNGROW (SHANGHAI) CO., LTD.  
**2021107649** Macquarie Medical Systems Pty Ltd

**IPC Index**

**A61B 5 /-**

2021107649

**G01N 21 /-**

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**G02B 27 /-**

2021107649

**G02B 5 /-**

2021107649

**G06Q 20 /-**

2021103343

**G06Q 40 /-**

2021103343

**H02M 7 /-**

2021104136

**H05K 7 /-**

2021104136

**Patents Granted**

**Standard Patents**

2015325329	2016256671	2016269555	2016271113
2016271147	2016281670	2016296321	2016298229
2016298302	2016301196	2016302253	2016304892
2016315941	2016319316	2016331084	2016341501
2016342038	2016342048	2016348639	2016355581
2016359234	2016360949	2016368622	2016369479
2016369631	2016377259	2016381274	2016382612
2016423062	2016423192	2016428098	2016433341
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2017208150	2017208252	2017210215	2017210348
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2017225908	2017230729	2017232193	2017233235
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2017359338	2017362444	2017363248	2017365703
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2017392487	2017393112	2017398940	2017402657
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2018210170	2018213055	2018213261	2018218541
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2018255306	2018257334	2018268965	2018272911
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2019292296	2019293162	2019303742	2019320745
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2019355984	2019356751	2019359728	2019360880
2019361052	2019362025	2019367191	2019371949
2019372304	2019374794	2019375112	2019375159
2019383775	2019383977	2019387294	2019392553
2019405137	2019405449	2019408359	2019416034
2019418922	2019420955	2019429635	2019430258
2019430854	2019431324	2019432095	2019432427
2019436585	2019444062	2019457877	2019468883
2020200303	2020201222	2020201753	2020202852
2020203009	2020203460	2020204525	2020206640
2020210211	2020213377	2020213390	2020213853
2020216325	2020216550	2020217383	2020217436
2020217440	2020220658	2020223771	2020227209

**Patents Granted**

**Standard Patents**

2020227896	2020228740	2020228948	2020230006
2020230254	2020239651	2020243278	2020257036
2020257134	2020260531	2020264301	2020267192
2020267680	2020268218	2020273296	2020273333
2020277088	2020281087	2020281140	2020291320
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2020308488	2020315983	2020356799	2020364829
2020403131	2020424507	2020427920	2021200027
2021200100	2021200147	2021200155	2021200164
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2021200599	2021200857	2021200966	2021201187
2021201240	2021201298	2021201477	2021201582
2021201796	2021201837	2021202261	2021202300
2021202357	2021202475	2021202512	2021202530
2021202650	2021202867	2021202992	2021203009
2021203033	2021203132	2021203508	2021203650
2021203672	2021203781	2021203787	2021203833
2021204270	2021204359	2021204632	2021204744
2021204781	2021204816	2021205065	2021205110
2021206860	2021212031	2021218245	2021232681
2021258059	2021266364	2021277717	2021279100
2022200163			

**Innovation Patents**

2022100180	2022100181	2022100182	2022100183
2022100184	2022100185	2022100186	2022100187

**Assignments Registered**

2003274842 NOV Process & Flow Technologies AS The patent has been assigned to **Grant Prideco, Inc.; National Oilwell Varco, L.P.; NOV International Holdings GP LLC**

2004218893 Bayer Schering Pharma Aktiengesellschaft The patent has been assigned to **Grünenthal GmbH**

2006275870 Neurovance Australia Pty Ltd The patent has been assigned to **OTSUKA AMERICA PHARMACEUTICAL, INC.**

2007251465 Mauna Kea Technologies The patent has been assigned to **Tasly Mauna Kea Medical Engineering Technology Co., Ltd.**

2008291818 Howden Alphair Ventilating Systems Inc. The patent has been assigned to **Howden Canada Inc.**

2008295071 CureVac AG The patent has been assigned to **Cure-Vac SE**

2008296051 Burger King Corporation The patent has been assigned to **Burger King Company LLC**

2009210266 CureVac AG The patent has been assigned to **Cure-Vac SE**

2009300113 CureVac AG The patent has been assigned to **Cure-Vac SE**

2011230055 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2011285200 CureVac AG The patent has been assigned to **Cure-Vac SE**

2011289021 CureVac AG The patent has been assigned to **Cure-Vac SE**

2011315242 FOLDING HELMET TECHNOLOGY LIMITED The patent has been assigned to **Vigil Helmets Ltd**

**Assignments Registered**

2012268427 PCR Technology Holdings, LC The patent has been assigned to **DermaForce Holdings, LLC**

2012269805 Mallinson, Paul; Kahne Limited The patent has been assigned to **Kahne Limited**

2012279959 Sykehuset Sorlandet HF The patent has been assigned to **KERSTEN, Christian; CAMERON, Marte; MJALAND, Svein**

2013205497 OtiTopic Inc. The patent has been assigned to **Vectura Inc.**

2013214572 CureVac AG The patent has been assigned to **CureVac SE**

2013220747 CureVac AG The patent has been assigned to **CureVac SE**

2013220748 CureVac AG The patent has been assigned to **CureVac SE**

2013220749 CureVac AG The patent has been assigned to **CureVac SE**

2013242404 CureVac AG The patent has been assigned to **CureVac SE**

2013268095 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2013388034 OtiTopic Inc. The patent has been assigned to **Vectura Inc.**

2014216810 Seabox AS The patent has been assigned to **Grant Prideco, Inc.**

2014310931 CureVac AG The patent has been assigned to **CureVac SE**

2014310932 CureVac AG The patent has been assigned to **CureVac SE**

2014310933 CureVac AG The patent has been assigned to **CureVac SE**

2014310934 CureVac AG The patent has been assigned to **CureVac SE**

2014310935 CureVac AG The patent has been assigned to **CureVac SE**

2014363643 Targovax ASA The patent has been assigned to **Targovax Solutions AS**

2014375402 CureVac AG The patent has been assigned to **CureVac SE**

2015221258 3Dintegrated ApS The patent has been assigned to **Cilag GmbH International**

2015229407 Cabeau, Inc. The patent has been assigned to **Azurous, Inc.**

2015257774 Targovax ASA The patent has been assigned to **Targovax Solutions AS**

2015263768 Hydrus Technology Pty. Ltd. The patent has been assigned to **EnviroGold Global Pty Ltd**

2015263769 Hydrus Technology Pty. Ltd. The patent has been assigned to **EnviroGold Global Pty Ltd**

**Assignments Registered**

2015272024 FlyClip LLC The patent has been assigned to **Laceclip LLC**

2015281503 Qingdao Goertek Technology Co., Ltd. The patent has been assigned to **Goertek Optical Technology Co., Ltd**

2015316799 Oncodesign S.A. The patent has been assigned to **Oncodesign Precision Medicine (OPM)**

2015356180 Osaka University; FUJIFILM Wako Pure Chemical Corporation The patent has been assigned to **Osaka University; FUJIFILM Corporation**

2015373404 CureVac AG The patent has been assigned to **CureVac SE**

2016208499 NOV Process & Flow Technologies AS The patent has been assigned to **Grant Prideco, Inc.; National Oilwell Varco, L.P.; NOV International Holdings GP LLC**

2016209449 Polaris Industries Inc. The patent has been assigned to **Waev Inc.**

2016213728 OtiTopic Inc. The patent has been assigned to **Vectura Inc.**

2016241094 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2016246060 Kedalion Therapeutics, Inc. The patent has been assigned to **Novartis AG**

2016277791 NOV Process & Flow Technologies AS The patent has been assigned to **Grant Prideco, Inc.; National Oilwell Varco, L.P.; NOV International Holdings GP LLC**

2016291090 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2016316439 CureVac AG The patent has been assigned to **CureVac SE**

2017205254 ObsEva S.A. The patent has been assigned to **XOMA (US) LCC**

2017226878 Oncodesign SA The patent has been assigned to **Oncodesign Precision Medicine (OPM)**

2017273245 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2017274078 Hayes, Robert The patent has been assigned to **JILL-TECH PTY LTD**

2017330162 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2017353114 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2017379850 Merck Sharp & Dohme Corp.; Idenix Pharmaceuticals LLC The patent has been assigned to **MSD International GmbH**

2018203254 CureVac AG The patent has been assigned to **CureVac SE**

2018232920 Digital Artefacts LLC The patent has been assigned to **Clinical Ink, Inc.**

2018264081 CureVac AG The patent has been assigned to **CureVac SE**



### Assignments Registered

2018291478 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2018299925 ABB Schweiz AG The patent has been assigned to **ABB E-mobility B.V.**

2018329413 National Oilwell Varco Norway AS The patent has been assigned to **Grant Prideco, Inc.**

2019201161 Hydrus Technology Pty. Ltd. The patent has been assigned to **EnviroGold Global Pty Ltd**

2019201937 Targovax ASA The patent has been assigned to **Targovax Solutions AS**

2019226125 CureVac AG The patent has been assigned to **CureVac SE**

2020203437 OtiTopic Inc. The patent has been assigned to **Vectura Inc.**

2021106676 Guangdong AnHance Electric Power Technology Co., Ltd The patent has been assigned to **Guangdong Herui Electric Service Co., Ltd.**

2021107654 Harman, Philip The patent has been assigned to **Transdigital Pty Ltd**

### Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

#### Applications Filed

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

2013288641 **Roche Glycart AG**

The earliest first regulatory approval date provided by the patentee 08 Aug 2022

For the goods VABYSMO faricimab

#### Extensions granted

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

2011208625 **Novo Nordisk Health Care AG**

The earliest first regulatory approval date provided by the patentee 21 Feb 2022

For the goods SOGROYA somapacitan

Extension of Term of patent pursuant to Section 77 expires on 24 Jan 2036

2015370004 **Emory University**

The earliest first regulatory approval date provided by the patentee 20 Jan 2022

For the goods LAGEVRIO molnupiravir

Extension of Term of patent pursuant to Section 77 expires on 20 Jan 2037

### Corrigenda

In Vol 36 , No 51 , Page(s) 7073 under the heading **Applications Accepted - Name Index** Under the name Principia Biopharma Inc., Application No. 2017290354, under INID (54) correct the title to read Modified release formulations of 2-[3-[4-amino-3-(2-fluoro-4-phenoxy-phenyl)pyrazolo[3,4-d]pyrimidin-1-yl]piperidine-1-carbonyl]-4-methyl-4-[4-(oxetan-3-yl)piperazin-1-yl]pent-2-enitrile

### Corrigenda

In Vol 57 , No 1 , Page(s) 14 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018308297.

In Vol 57 , No 1 , Page(s) 14 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021107555.

### Specifications Republished

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

2019321091	<b>AstraZeneca AB</b>
2020277175	<b>The NOCO Company</b>
2021271129	<b>Molecular Partners AG</b>