



**Australian Government**

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**IP Australia**

**AUSTRALIAN OFFICIAL JOURNAL**

**OF**

**PATENTS**



## Contents

### General Information & Notices

#### Amendments

Applications for Amendment .....	4463
Amendments Made .....	4463
Alteration of Name(s) of Applicant(s)/Patentee(s) .....	4465

#### Applications Accepted

Name Index .....	4518
Numerical Index .....	4546
IPC Index .....	4549

Applications with amended filing dates Reg 3.5(A). .....	4459
--	------

Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired .....	4460
---	------

#### Applications Open to Public Inspection

Name Index .....	4466
Numerical Index .....	4476
IPC Index .....	4477

Assignments before Grant, Section 113 .....	4461
---	------

Assignments Registered .....	4558
------------------------------	------

#### Certified Innovation Patents

Name Index .....	4555
Numerical Index .....	4556
IPC Index .....	4557

#### Complete Applications Filed

Name Index .....	4452
Numerical Index .....	4457

Corrigenda .....	4560
------------------	------

<b>Extensions of Term of Standard Patents .....</b>	<b>4559</b>
<b>Extensions of Time, Section 223 .....</b>	<b>4462</b>
<b>Innovation Patent Applications Filed</b>	
Name Index .....	4458
Numerical Index .....	4459
<b>Innovation Patents Open to Public Inspection</b>	
Name Index .....	4479
Numerical Index .....	4480
IPC Index .....	4481
<b>PCT applications which have entered the National Phase</b>	
Name Index .....	4482
Numerical Index .....	4510
IPC Index .....	4513
<b>Patents Granted .....</b>	<b>4558</b>
<b>Licences Registered .....</b>	<b>4559</b>
<b>Offer to Surrender .....</b>	<b>4558</b>
<b>Opposition Proceedings .....</b>	<b>4558</b>
<b>Provisional Applications Filed</b>	
Name Index .....	4448
Numerical Index .....	4451
<b>Specifications Republished .....</b>	<b>4560</b>

## *General Information*

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

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

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

## GUIDE TO THE USE OF THIS JOURNAL

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

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

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

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

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

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

### **(iii) ACCEPTANCE –**

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

### **(iv) OPPOSITION –**

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

### **(v) GRANTING –**

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

### **(vi) CERTIFICATION**

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

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

## How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

## How Australian Patent Documents are Numbered

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

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

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

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

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

## Arrangement of Information in the Journal

For each of the categories

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

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

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

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

## Using the Indices

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

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

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

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

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

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



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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

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

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

### (10) Document identification

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

### (20) Document filing data

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

### (30) Priority data

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

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

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

**(50) Technical Information**

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

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

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

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

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

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

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

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

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

Proceedings under the Patents Act 1990

**Provisional Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Jul 2022 .

(71) Alrick, C. (21) 2022902162 (22) 01.08.2022 (54) Mental health electro-magnetic bed placement system	(71) Ausplow Pty. Ltd. (21) 2022902126 (22) 28.07.2022 (54) Seeding tool	(71) Cripps Clark, J. (21) 2022902158 (22) 01.08.2022 (54) AuTic8 - Devices, architectures and methods augmenting ProTic8 to support operations for the added confidence of an organisation's owners, employees, contractors or volunteers as well as its customers. It prevents processing by that organization where it is inappropriate to use unauthorized devices or software that has not been subscribed with an accountability within that organization.
(71) Alto Art Systems Pty Ltd (21) 2022902116 (22) 28.07.2022 (54) Gripping Device	<b>Austen, K. see Armas, M.</b> (21) 2022902094	
(71) AMAZING MANUFACTURING PTY LTD (21) 2022902168 (22) 02.08.2022 (54) GPS Panic device with tracking system for kids and elders	(71) Australian Advanced Materials Pty Ltd (21) 2022902105 (22) 27.07.2022 (54) MOISTURE ELECTRIC GENERATOR CELL	
(71) Ambe, G.; Taylor, J. (21) 2022902140 (22) 29.07.2022 (54) A Towel Rack	(71) Australian Advanced Materials Pty Ltd (21) 2022902110 (22) 27.07.2022 (54) Moisture Electric Generator Cells	(71) Croft Infrastructure Designs Pty Ltd trading as Croft Medical (21) 2022902090 (22) 26.07.2022 (54) Recovering PGM's from catalytic converters
(71) AMOG Technologies Pty Ltd (21) 2022902096 (22) 27.07.2022 (54) Wave energy converter	(71) BHP Innovation Pty Ltd (21) 2022902153 (22) 01.08.2022 (54) SYSTEMS AND METHODS FOR LOADING BULK MATERIAL INTO STORAGE	(71) Cumpson, P. (21) 2022902144 (22) 30.07.2022 (54) Improved Surface Analysis Device and Method
(71) A NEW WAY OF LIVING PTY LTD (21) 2022902093 (22) 27.07.2022 (54) PARTICLE TREATMENT APPARATUS AND METHOD	(71) Caremed Alrick (21) 2022902160 (22) 01.08.2022 (54) Crush proof hi-lo mental health bed	(71) CYMBAL PAVERS PTY LTD (21) 2022902082 (22) 25.07.2022 (54) Virtual pager system
(71) Armas, M.; Austen, K. (21) 2022902094 (22) 27.07.2022 (54) SYSTEM AND METHOD OF FACILITATING THE IDENTIFICATION OF TRENDS	(71) Caremed Alrick (21) 2022902161 (22) 01.08.2022 (54) Mental health bed safety mattress heater	(71) DCS Technical Pty Ltd (21) 2022902129 (22) 28.07.2022 (54) AN ELECTROWINNING CELL AND A CATHODE
(71) Atomo Diagnostics Limited (21) 2022902167 (22) 02.08.2022 (54) SWAB BASED TEST DEVICE	(71) Caremed Alrick (21) 2022902163 (22) 01.08.2022 (54) Heated Composite/rearated concrete bedform for prisons	(71) DesiPie (21) 2022902130 (22) 29.07.2022 (54) Automatic Sauce Dispenser
	(71) Coppi, J. (21) 2022902147 (22) 31.07.2022 (54) STUMP MATE - a device to suspend concrete stumps when building a wooden deck	(71) Donaghys Limited; Yeritsyan, K. (21) 2022902164 (22) 02.08.2022 (54) LIQUID SUSPENSION CONCENTRATE AND METHODS OF MANUFACTURE

Provisional Applications Filed - Name Index cont'd

(71) EUBPO PTY LTD; Kim, D.  
(21) 2022902150 (22) 01.08.2022  
(54) Enclosed mouse trap

(71) Fasullo, j.  
(21) 2022902112 (22) 27.07.2022  
(54) Through-hole cable grabbing pliers

(71) Focus Force Pty Ltd  
(21) 2022902143 (22) 29.07.2022  
(54) EQUINE CONTROL SYSTEM

Foster, B. see Tonner, W.  
(21) 2022902127

(71) Geros, G.  
(21) 2022902118 (22) 28.07.2022  
(54) A Lift Assembly for a Watercraft

(71) Ghonaim, E.  
(21) 2022902166 (22) 02.08.2022  
(54) A wheel hub attachable winch line winding device and method of operation thereof

(71) Graphite Energy (Assets) Pty Limited  
(21) 2022902137 (22) 29.07.2022  
(54) A power control device

(71) Graphite Energy (Assets) Pty Limited  
(21) 2022902138 (22) 29.07.2022  
(54) Energy storage and utilisation system

(71) Griffith University  
(21) 2022902157 (22) 01.08.2022  
(54) Antibacterial Compound

(71) Hanton, R.  
(21) 2022902099 (22) 27.07.2022  
(54) Foldable landing net

(71) Hassanzadeh, E.  
(21) 2022902069 (22) 24.07.2022  
(54) A Universal Reward Program

(71) Health Food Symmetry Pty Ltd  
(21) 2022902151 (22) 01.08.2022  
(54) Preparation for the treatment of non-alcoholic fatty liver disease (NAFLD)

(71) Independent Mineral Standards Pty Ltd  
(21) 2022902136 (22) 29.07.2022  
(54) Method for Producing Reference Materials

(71) International Consolidated Business Group Pty Ltd  
(21) 2022902133 (22) 29.07.2022  
(54) Making plastic bags from recycled plastic bottles

(71) Intreft Pty Ltd  
(21) 2022902139 (22) 29.07.2022  
(54) A Waste Oil Recovery Unit

(71) Jasper Medtech Pty Ltd  
(21) 2022902134 (22) 29.07.2022  
(54) Bone Access Device

Kim, D. see EUBPO PTY LTD  
(21) 2022902150

(71) Lowes TC Pty Ltd  
(21) 2022902102 (22) 27.07.2022  
(54) System and method for distributing a growth media to plants

(71) LUXWELD PTY LTD  
(21) 2022902124 (22) 28.07.2022  
(54) IMPROVEMENTS IN OR RELATING TO SKYLIGHTS

(71) Macquarie University  
(21) 2022902097 (22) 27.07.2022  
(54) Treatment for joint disorders

(71) ModWood Technologies Pty Ltd  
(21) 2022902156 (22) 01.08.2022  
(54) A Deck Board Connector

(71) Nelson, P.  
(21) 2022902092 (22) 26.07.2022  
(54) SYSTEM AND METHOD

(71) Neuromersiv Pty Limited  
(21) 2022902154 (22) 01.08.2022  
(54) A system and method for physical therapy

(71) NewSouth Innovations Pty Limited  
(21) 2022902141 (22) 29.07.2022  
(54) A METHOD TO GENERATE CONDUCTIVE POLYMER

(71) No Thru IP Pty Ltd  
(21) 2022902121 (22) 28.07.2022  
(54) Secure temporary barrier fencing

(71) Nova Eye Medical Ltd  
(21) 2022902101 (22) 27.07.2022  
(54) Mechanically aided fluid dispensing device

(71) Nuske, G.B.  
(21) 2022902169 (22) 02.08.2022  
(54) AIRCRAFT TYRE

(71) Omnistream Australia Pty Ltd  
(21) 2022902107 (22) 27.07.2022  
(54) System and Method for Forecasting Retail Sales of Products

(71) Omnistream Australia Pty Ltd  
(21) 2022902108 (22) 27.07.2022  
(54) Multi Bin Packing Heuristics Algorithm to Create Product Placement Mudmap for Retail Stores

(71) Omnistream Australia Pty Ltd  
(21) 2022902109 (22) 27.07.2022  
(54) System and Method for Recommending of Heuristic Assumptions

Panasuwonawong, C. see Wood, A.  
(21) 2022902132

(71) Plastic Fabricators (WA) Pty Ltd t/a PFWA  
(21) 2022902122 (22) 28.07.2022  
(54) Bipolar electro dialysis cell

(71) Rafferty, T.  
(21) 2022902155 (22) 01.08.2022  
(54) Dressing Aid Device

(71) REAL-TIME ROBOTICS INC  
(21) 2022902146 (22) 31.07.2022  
(54) POWER LINE INSPECTION VEHICLE

(71) REAL-TIME ROBOTICS INC  
(21) 2022902148 (22) 31.07.2022  
(54) A MULTICOPTER

(71) REECOIL PTY. LTD  
(21) 2022902131 (22) 29.07.2022  
(54) Harness

(71) RegenBio Pte Ltd  
(21) 2022902095 (22) 27.07.2022  
(54) Acellular allogenic exosome preparations and methods of use

(71) Sathiyajith, C.  
(21) 2022902128 (22) 28.07.2022  
(54) THERANOSTIC AGENTS

(71) Saunders, K.  
(21) 2022902114 (22) 28.07.2022  
(54) Apparatus and Method for Protecting Pipe Joints

Provisional Applications Filed - Name Index cont'd

(71) SensorC Pty Ltd  
(21) 2022902091 (22) 26.07.2022  
(54) Soil carbon sensor and sensing arrangement

(71) Signature Orthopaedics Europe Ltd  
(21) 2022902117 (22) 28.07.2022  
(54) An acetabular cup having manipulation tool engagement features and a manipulation tool therefor

(71) Simpson, Z.  
(21) 2022902100 (22) 27.07.2022  
(54) DRILL BIT APPARATUS

(71) Smith, J.  
(21) 2022902145 (22) 30.07.2022  
(54) Feedback and Marking System

(71) Strategies Unleashed Pty Ltd  
(21) 2022902142 (22) 29.07.2022  
(54) Spark suppression in battery powered devices on battery connection and/or disconnection

(71) Striped IP Pty Ltd  
(21) 2022902152 (22) 01.08.2022  
(54) PESTICIDE COMPOSITIONS AND USES THEREOF

**Studman, B. see Studman, B.**  
(21) 2022902021

(71) Studman, B.; Studman, B.; Studman Innovations Pty Ltd ACN 657938862  
(21) 2022902021 (22) 20.07.2022  
(54) Diversly UseableWind Power Electrical Generation Model

**Studman Innovations Pty Ltd ACN 657938862 see Studman, B.**  
(21) 2022902021

(71) Systems IP Pty Ltd  
(21) 2022902135 (22) 29.07.2022  
(54) Universal Connector

**Taylor, J. see Ambe, G.**  
(21) 2022902140

(71) Technological Resources Pty. Limited  
(21) 2022902120 (22) 28.07.2022  
(54) Microbial-assisted heap leaching

(71) The Australian National University  
(21) 2022902123 (22) 28.07.2022  
(54) A Computational Microscopy Method and System for Volumetric Imaging

(71) The Council of the Queensland Institute of Medical Research  
(21) 2022902106 (22) 27.07.2022  
(54) METHYLATION BIOMARKER FOR INFECTION RESISTANCE

(71) The Dynamic Engineering Solution Pty Ltd  
(21) 2022902119 (22) 28.07.2022  
(54) HYDRAULIC DAMPER

(71) The University of Newcastle  
(21) 2022902125 (22) 28.07.2022  
(54) Extracellular matrix hydrogels

(71) The University of Queensland  
(21) 2022902104 (22) 27.07.2022  
(54) Sewage/wastewater treatment process

(71) The University of Queensland  
(21) 2022902115 (22) 28.07.2022  
(54) Particulate filled thermoplastic polymer

(71) The Walter and Eliza Hall Institute of Medical Research  
(21) 2022902098 (22) 27.07.2022  
(54) SARS-COV-2 BINDING PROTEINS

(71) Tinker, W.  
(21) 2022902149 (22) 31.07.2022  
(54) Rooftop mounted guttering

(71) Tonner, W.; Foster, B.  
(21) 2022902127 (22) 28.07.2022  
(54) Bluesight SineLite a system of self illuminating signage

(71) Tournicare Pty Ltd  
(21) 2022902113 (22) 28.07.2022  
(54) Clamping devices and methods for repeated measurement of changes in blood pressure

(71) University of South Australia  
(21) 2022902089 (22) 26.07.2022  
(54) Prefabricated Cell Culture Plates Comprising Coatings for Controlled Release of Active Agents

(71) Vecor Technologies Pty Limited  
(21) 2022902088 (22) 26.07.2022  
(54) Zirconia-mullite composite and method of forming same

(71) Wilkinson, J.  
(21) 2022902103 (22) 27.07.2022  
(54) A system and method for sleeper retaining wall construction

(71) Wong, P.J.  
(21) 2022902111 (22) 27.07.2022  
(54) REFINED EXTRACTION PROCESS OF CLEAR PLANT PROTEIN FROM FERMENTED PLANT

(71) Wood, A.; Panasuwonawong, C.  
(21) 2022902132 (22) 29.07.2022  
(54) On Board EV battery Charger

(71) XEFCO PTY LTD  
(21) 2022902159 (22) 01.08.2022  
(54) Plasma Coating with Particles

**Yeritsyan, K. see Donaghys Limited**  
(21) 2022902164

Numerical Index

<b>2022902021</b>	Studman, B.; Studman, B.; Studman Innovations Pty Ltd ACN 657938862	<b>2022902150</b>	EUBPO PTY LTD; Kim, D.
<b>2022902069</b>	Hassanzadeh, E.	<b>2022902151</b>	Health Food Symmetry Pty Ltd
<b>2022902082</b>	CYMBAL PAVERS PTY LTD	<b>2022902152</b>	Striped IP Pty Ltd
<b>2022902088</b>	Vecor Technologies Pty Limited	<b>2022902153</b>	BHP Innovation Pty Ltd
<b>2022902089</b>	University of South Australia	<b>2022902154</b>	Neuromersiv Pty Limited
<b>2022902090</b>	Croft Infrastructure Designs Pty Ltd trading as Croft Medical	<b>2022902155</b>	Rafferty, T.
<b>2022902091</b>	SensorC Pty Ltd	<b>2022902156</b>	ModWood Technologies Pty Ltd
<b>2022902092</b>	Nelson, P.	<b>2022902157</b>	Griffith University
<b>2022902093</b>	A NEW WAY OF LIVING PTY LTD	<b>2022902158</b>	Cripps Clark, J.
<b>2022902094</b>	Armas, M.; Austen, K.	<b>2022902159</b>	XEFCO PTY LTD
<b>2022902095</b>	RegenBio Pte Ltd	<b>2022902160</b>	Caremed Alrick
<b>2022902096</b>	AMOG Technologies Pty Ltd	<b>2022902161</b>	Caremed Alrick
<b>2022902097</b>	Macquarie University	<b>2022902162</b>	Alrick, C.
<b>2022902098</b>	The Walter and Eliza Hall Institute of Medical Research	<b>2022902163</b>	Caremed Alrick
<b>2022902099</b>	Hanton, R.	<b>2022902164</b>	Donaghys Limited; Yeritsyan, K.
<b>2022902100</b>	Simpson, Z.	<b>2022902166</b>	Ghonaim, E.
<b>2022902101</b>	Nova Eye Medical Ltd	<b>2022902167</b>	Atomo Diagnostics Limited
<b>2022902102</b>	Lowes TC Pty Ltd	<b>2022902168</b>	AMAZING MANUFACTURING PTY LTD
<b>2022902103</b>	Wilkinson, J.	<b>2022902169</b>	Nuske, G.B.
<b>2022902104</b>	The University of Queensland		
<b>2022902105</b>	Australian Advanced Materials Pty Ltd		
<b>2022902106</b>	The Council of the Queensland Institute of Medical Research		
<b>2022902107</b>	Omnistream Australia Pty Ltd		
<b>2022902108</b>	Omnistream Australia Pty Ltd		
<b>2022902109</b>	Omnistream Australia Pty Ltd		
<b>2022902110</b>	Australian Advanced Materials Pty Ltd		
<b>2022902111</b>	Wong, P.J.		
<b>2022902112</b>	Fasullo, j.		
<b>2022902113</b>	Tournicare Pty Ltd		
<b>2022902114</b>	Saunders, K.		
<b>2022902115</b>	The University of Queensland		
<b>2022902116</b>	Alto Art Systems Pty Ltd		
<b>2022902117</b>	Signature Orthopaedics Europe Ltd		
<b>2022902118</b>	Geros, G.		
<b>2022902119</b>	The Dynamic Engineering Solution Pty Ltd		
<b>2022902120</b>	Technological Resources Pty. Limited		
<b>2022902121</b>	No Thru IP Pty Ltd		
<b>2022902122</b>	Plastic Fabricators (WA) Pty Ltd t/a PFWA		
<b>2022902123</b>	The Australian National University		
<b>2022902124</b>	LUXWELD PTY LTD		
<b>2022902125</b>	The University of Newcastle		
<b>2022902126</b>	Ausplow Pty. Ltd.		
<b>2022902127</b>	Tonner, W.; Foster, B.		
<b>2022902128</b>	Sathiyajith, C.		
<b>2022902129</b>	DCS Technical Pty Ltd		
<b>2022902130</b>	DesiPie		
<b>2022902131</b>	REECOIL PTY. LTD		
<b>2022902132</b>	Wood, A.; Panasuwonawong, C.		
<b>2022902133</b>	International Consolidated Business Group Pty Ltd		
<b>2022902134</b>	Jasper Medtech Pty Ltd		
<b>2022902135</b>	Systems IP Pty Ltd		
<b>2022902136</b>	Independent Mineral Standards Pty Ltd		
<b>2022902137</b>	Graphite Energy (Assets) Pty Limited		
<b>2022902138</b>	Graphite Energy (Assets) Pty Limited		
<b>2022902139</b>	Intreft Pty Ltd		
<b>2022902140</b>	Ambe, G.; Taylor, J.		
<b>2022902141</b>	NewSouth Innovations Pty Limited		
<b>2022902142</b>	Strategies Unleashed Pty Ltd		
<b>2022902143</b>	Focus Force Pty Ltd		
<b>2022902144</b>	Cumpson, P.		
<b>2022902145</b>	Smith, J.		
<b>2022902146</b>	REAL-TIME ROBOTICS INC		
<b>2022902147</b>	Coppi, J.		
<b>2022902148</b>	REAL-TIME ROBOTICS INC		
<b>2022902149</b>	Tinker, W.		

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Jul 2022 .

. (\*) Title not in Roman characters

. (\*\*) Title not given

<hr/> <p>(71) 2840629 ONTARIO INC. (21) 2022206733 (22) 19.07.2022 (54) MOUNTING ASSEMBLY MOUNTABLE TO A WIRE LATTICE (31) 63/223,309 (32) 19.07.21 (33) US</p> <hr/> <p>(71) AADIGEN, LLC (21) 2022206789 (22) 21.07.2022 (54) PEPTIDES AND NANOPARTICLES FOR INTRACELLULAR DELIVERY OF GENOME-EDITING MOLECULES (62) 2017268842</p> <hr/> <p>(71) AMO Development, LLC (21) 2022206756 (22) 20.07.2022 (54) Apparatus for creating ocular surgical and relaxing incisions (62) 2020281103</p> <hr/> <p>(71) Apple Inc. (21) 2022206793 (22) 21.07.2022 (54) Unlocking a device by performing gestures on an unlock image (62) 2021201814</p> <hr/> <p>(71) Argus Heating Limited (21) 2022206707 (22) 18.07.2022 (54) IMPROVEMENTS IN, OR RELATING TO, HEATING PADS FOR BULK CONTAINERS (62) 2018341395</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022206746 (22) 20.07.2022 (54) SLOT GAME WITH DYNAMICALLY ASSIGNED REEL STRIP LOCATIONS (31) 17/710,356 (32) 31.03.22 (33) US 63/223,848 20.07.21 US</p> <hr/> <p>(71) Arrowhead Pharmaceuticals, Inc. (21) 2022206748 (22) 20.07.2022 (54) Compositions and methods for inhibiting gene expression of Hepatitis B virus (62) 2019240625</p> <hr/> <p>(71) ARVINAS OPERATIONS, INC.; YALE UNIVERSITY (21) 2022206739 (22) 20.07.2022</p>	<p>(54) MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE (62) 2019249231</p> <hr/> <p>(71) Astellas Institute for Regenerative Medicine (21) 2022206757 (22) 20.07.2022 (54) Clinical formulations (62) 2016308818</p> <hr/> <p>(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz GmbH (21) 2022206771 (22) 21.07.2022 (54) Drug conjugates comprising antibodies against Claudin 18.2</p> <hr/> <p>(71) AxoGen Corporation (21) 2022206749 (22) 20.07.2022 (54) AMNION TISSUE GRAFTS AND METHODS OF PREPARING AND USING SAME (62) 2017353847</p> <hr/> <p>(71) BAE Systems plc (21) 2022206781 (22) 21.07.2022 (54) Improvements in and relating to displays (62) 2016337278</p> <hr/> <p>(71) BAKER HUGHES HOLDINGS LLC (21) 2022206778 (22) 21.07.2022 (54) BORON TRIFLUORIDE AS A QUENCH GAS FOR NEUTRON PROPORTIONAL COUNTERS (31) 17/401,988 (32) 13.08.21 (33) US</p> <hr/> <p>(71) Beijing BrightSky Health Tech. Co. Ltd (21) 2022206738 (22) 20.07.2022 (54) AN ERECTION AID COMPOSITION AND ITS PREPARATION METHOD</p> <hr/> <p>(71) BETTERSEEDS LTD (21) 2022206708 (22) 18.07.2022 (54) Methods For Increasing Powdery Mildew Resistance In Cannabis (31) 63/260,405 (32) 19.08.21 (33) US</p> <hr/> <p>(71) BGC Partners, Inc. (21) 2022206758 (22) 20.07.2022</p>	<p>(54) INTERPROGRAM COMMUNICATION USING MESSAGES RELATED TO EVENTS AND ACTIONS ON AN EXCHANGE (62) 2020201530</p> <hr/> <p><b>BioNTech SE see Ganymed Pharmaceuticals GmbH</b> (21) 2022206711</p> <hr/> <p><b>BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM see UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH</b> (21) 2022206730</p> <hr/> <p>(71) Bruin Biometrics LLC (21) 2022206726 (22) 19.07.2022 (54) Apparatus and methods for determining damaged tissue using sub-epidermal moisture measurements (62) 2021202265</p> <hr/> <p>(71) BRUNONE, R. (21) 2022206713 (22) 19.07.2022 (54) Operating process for an open-pit mining site (31) 21 07760 (32) 19.07.21 (33) FR</p> <hr/> <p>(71) CAMBRIDGE ENTERPRISE LIMITED (21) 2022206701 (22) 18.07.2022 (54) DIAGNOSIS AND TREATMENT OF INFECTIOUS DISEASE (62) 2016278110</p> <hr/> <p>(71) Carbon Areion Pty Ltd (21) 2022206754 (22) 20.07.2022 (54) A device for supporting an object on another vehicle (31) 2021902233 (32) 20.07.21 (33) AU</p> <hr/> <p>(71) Chengdu Chemphys Chemical Industry Co., Ltd; Sinolithium Materials Limited (21) 2022206767 (22) 21.07.2022 (54) METHOD AND SYSTEM FOR PREPARING BATTERY GRADE AND HIGH PURITY GRADE LITHIUM HYDROXIDE AND LITHIUM CARBONATE FROM HIGH-IMPURITY LITHIUM SOURCES (62) 2019333834</p>
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Complete Applications Filed - Name Index cont'd

(71) Chr. Hansen A/S  
(21) 2022206727 (22) 19.07.2022  
(54) Lactase enzymes with improved activity at low temperatures  
(62) 2018250886

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(71) CMR Surgical Limited  
(21) 2022206752 (22) 20.07.2022  
(54) Method for augmenting a representation of a surgical site  
(62) 2019352792

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**Cole, C. see Geroux, J.**  
(21) 2022206797

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(71) Comet Biorefining Inc.  
(21) 2022206729 (22) 19.07.2022  
(54) METHODS AND COMPOSITIONS FOR THE TREATMENT OF CELLULOLOSIC BIOMASS AND PRODUCTS PRODUCED THEREBY  
(62) 2020250294

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(71) CorMedix Inc.  
(21) 2022206768 (22) 21.07.2022  
(54) DELIVERY OF ACTIVE AGENTS USING NANOFIBER WEBS  
(62) 2016315779

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(71) Coupler Solutions Limited  
(21) 2022206772 (22) 21.07.2022  
(54) A coupling device, associated parts and a method of use thereof  
(62) 2017323389

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(71) Cue Health Inc.  
(21) 2022206779 (22) 21.07.2022  
(54) SYSTEMS AND METHODS FOR DETECTION AND QUANTIFICATION OF ANALYTES  
(62) 2020204329

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(71) Deere & Company  
(21) 2022206764 (22) 21.07.2022  
(54) Extractor fan assembly with clamshell hub  
(31) 17/445,212 (32) 17.08.21 (33) US

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(71) Deere & Company  
(21) 2022206769 (22) 21.07.2022  
(54) Gauge wheel scraper for opener disc  
(31) 17/403,059 (32) 16.08.21 (33) US

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(71) Dexcom, Inc.  
(21) 2022206743 (22) 20.07.2022  
(54) Intelligent wireless communications for continuous analyte monitoring  
(62) 2020281084

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(71) Dexcom, Inc.  
(21) 2022206744 (22) 20.07.2022

(54) Systems and methods for inter-app communications  
(62) 2020204573

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(71) Diehl Brass Solutions Stiftung & Co. KG  
(21) 2022206755 (22) 20.07.2022  
(54) Lead-free brass alloy and use thereof  
(31) 102021118907.1 (32) 21.07.21 (33) DE

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(71) Digga Australia Pty. Ltd.  
(21) 2022206745 (22) 20.07.2022  
(54) Trencher with depth indicator  
(31) 2021902459 (32) 09.08.21 (33) AU

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(71) eBay Inc.  
(21) 2022206766 (22) 21.07.2022  
(54) Transaction security techniques  
(31) 17/381,461 (32) 21.07.21 (33) US

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(71) Edey Pty Ltd  
(21) 2022206799 (22) 21.07.2022  
(54) A disposable sleeve having an antimicrobial property for covering an arm of a pair of spectacles  
(62) 2017222694

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(71) Eli Lilly and Company  
(21) 2022206702 (22) 18.07.2022  
(54) Phenyl-2-hydroxy-acetyl-amino-2-methyl-phenyl compounds  
(62) 2018255191

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(71) Equals 3 LLC  
(21) 2022206760 (22) 20.07.2022  
(54) SEARCHING STRUCTURED AND UNSTRUCTURED DATA SETS  
(62) 2017264388

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(71) Exothule Inc.  
(21) 2022206723 (22) 19.07.2022  
(54) FULLERENE GALLIUM PHOSPHONATE AND METHODS  
(31) 17/843,703 (32) 17.06.22 (33) US

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(71) F. Hoffmann-La Roche AG  
(21) 2022206732 (22) 19.07.2022  
(54) Antibodies binding to CD3  
(62) 2019410075

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(71) Factor Bioscience Inc.  
(21) 2022206783 (22) 21.07.2022  
(54) Nucleic acid products and methods of administration thereof  
(62) 2016218977

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**Federation University Australia see State of Victoria as represented by Department of Transport**  
(21) 2022206706

**FG Innovation Company Limited see Sharp Kabushiki Kaisha**  
(21) 2022206736

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(71) Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech SE  
(21) 2022206711 (22) 19.07.2022  
(54) Diagnosis and therapy of cancer involving cancer stem cells  
(62) 2020201331

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(71) Geroux, J.; Cole, C.  
(21) 2022206797 (22) 21.07.2022  
(54) METHODS FOR SHORTENING A LINE, EXTRACTING STUCK VEHICLES, BELAYING OBJECTS, JOINING LINES TOGETHER AND FORMING A V-BRIDLE USING A DEVICE  
(62) 2019207831

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(71) Goldman Sachs & Co. LLC  
(21) 2022206742 (22) 20.07.2022  
(54) Systems and methods for prevention of manipulation and gaming in electronic intraday auctions  
(62) 2020203203

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(71) Grinsell, D.  
(21) 2022206785 (22) 21.07.2022  
(54) A Surgical Dissector Instrument  
(31) 2021902361 (32) 30.07.21 (33) AU

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(71) Holley Performance Products, Inc.  
(21) 2022206796 (22) 21.07.2022  
(54) Differential housing  
(31) 63/224,518 (32) 22.07.21 (33) US

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(71) Human BioMolecular Research Institute  
(21) 2022206722 (22) 19.07.2022  
(54) Compounds and matrices for use in bone growth and repair  
(62) 2021202481

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(71) IGT  
(21) 2022206761 (22) 21.07.2022  
(54) ENHANCED ELECTRONIC GAMING MACHINE OUT OF SERVICE MODE  
(31) 17/387,524 (32) 28.07.21 (33) US

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(71) Illinois Tool Works Inc.  
(21) 2022206784 (22) 21.07.2022  
(54) Combustion-powered fastener driving tool fuel cell assembly  
(62) 2020203724

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(71) iRobot Corporation  
(21) 2022206790 (22) 21.07.2022



Complete Applications Filed - Name Index cont'd

(54) Interface for robot cleaner evacuation  
(62) 2019219856

(71) JCR Pharmaceuticals Co., Ltd.  
(21) 2022206724 (22) 19.07.2022

(54) ANTI-HUMAN TRANSFERRIN RE-  
CEPTOR ANTIBODY PERMEATING  
BLOOD-BRAIN BARRIER  
(62) 2016283343

(71) JINKO SOLAR (HAINING) CO., LTD.  
(21) 2022206801 (22) 21.07.2022

(54) PHOTOVOLTAIC CELL, METHOD FOR  
FORMING SAME, AND PHOTOVOL-  
TAIC MODULE

(31) CN (32) 03.03.22 (33) CN  
202210202117.2

Jinko Solar Co., Ltd. see Zhejiang Jinko  
Solar Co., Ltd.

(21) 2022206808

(71) LG Electronics Inc.

(21) 2022206782 (22) 21.07.2022

(54) Washing machine

(62) 2020223688

(71) LivePerson, Inc.

(21) 2022206740 (22) 20.07.2022

(54) Authentication of service requests initi-  
ated from a social networking site

(62) 2020203752

(71) Lucira Health, Inc.

(21) 2022206759 (22) 20.07.2022

(54) DEVICES AND METHODS FOR BIO-  
LOGICAL ASSAY SAMPLE PREPARA-  
TION AND DELIVERY

(62) 2017232342

(71) Mallinckrodt Pharmaceuticals Ireland  
Limited

(21) 2022206805 (22) 22.07.2022

(54) APPARATUS AND METHOD FOR FIL-  
TERING LIQUID PARTICLES FROM  
INSPIRATORY GAS FLOW OF A PA-  
TIENT BREATHING CIRCUIT AFFILI-  
ATED WITH A VENTILATOR AND/OR  
NITRIC OXIDE DELIVERY SYSTEM

(62) 2017240366

(71) Muller, R.

(21) 2022206734 (22) 19.07.2022

(54) ENERGY GUARD FOR AUTOMOTIVE  
STARTER BATTERY

(71) Nicoventures Trading Limited

(21) 2022206728 (22) 19.07.2022

(54) Apparatus for generating aerosol from  
an aerosolisable medium and article of  
aerosolisable medium

(62) 2019241464

(71) OXTI Pte Ltd

(21) 2022206703 (22) 18.07.2022

(54) POSITIONER STRUCTURE CAPABLE  
OF LABOR-SAVING INSTALLATION

(71) OXTI Pte Ltd

(21) 2022206705 (22) 18.07.2022

(54) ELECTRONIC DEVICE POSITIONING  
STRUCTURE

(71) Pall Corporation

(21) 2022206753 (22) 20.07.2022

(54) Filter with electrically-conductive wrap

(31) 17/383,204 (32) 22.07.21 (33) US

(71) Palo Alto Research Center Incorpor-  
ated

(21) 2022206737 (22) 20.07.2022

(54) Optical Fiber Attachment Device

(31) 17/409,408 (32) 23.08.21 (33) US

(71) Pictometry International Corp.

(21) 2022206780 (22) 21.07.2022

(54) AUTOMATED SYSTEM AND METH-  
ODOLOGY FOR FEATURE EXTRAC-  
TION

(62) 2017221222

(71) Polaris Industries Inc.

(21) 2022206803 (22) 22.07.2022

(54) Hybrid utility vehicle

(62) 2020244550

(71) Property Source Solutions Pty Ltd

(21) 2022206795 (22) 21.07.2022

(54) A SEAT POST AND ASSEMBLY

(71) RAI Strategic Holdings, Inc.

(21) 2022206747 (22) 20.07.2022

(54) Aerosol delivery device, and associ-  
ated apparatus and method of forma-  
tion thereof

(62) 2017252078

(71) Reckitt Benckiser Finish B.V.

(21) 2022206699 (22) 18.07.2022

(54) New dishwashing machine and method

(62) 2017258568

(71) Remediation Products, Inc.

(21) 2022206777 (22) 21.07.2022

(54) Bioremediation composition with a time  
release material for removing hydrocar-  
bons from contaminated environments

(62) 2017267936

(71) RINNAI CORPORATION

(21) 2022206807 (22) 22.07.2022

(54) Gas Shutoff Valve

(31) 2021-191835 (32) 26.11.21 (33) JP

(71) Ripclear LLC

(21) 2022206774 (22) 21.07.2022

(54) Anti-Fog Lens Covering Systems

(62) 2020273334

(71) Royal Bank of Canada

(21) 2022206741 (22) 20.07.2022

(54) Electronic document platform

(62) 2020204289

(71) Samsung Electronics Co., Ltd.

(21) 2022206715 (22) 19.07.2022

(54) REFRIGERATOR

(62) 2021201079

(71) Samsung Electronics Co., Ltd.

(21) 2022206716 (22) 19.07.2022

(54) REFRIGERATOR

(62) 2021201079

(71) Samsung Electronics Co., Ltd.

(21) 2022206717 (22) 19.07.2022

(54) REFRIGERATOR

(62) 2020258215

(71) Samsung Electronics Co., Ltd.

(21) 2022206718 (22) 19.07.2022

(54) REFRIGERATOR AND HOME APPLI-  
ANCE

(62) 2020327341

(71) Samsung Electronics Co., Ltd.

(21) 2022206719 (22) 19.07.2022

(54) REFRIGERATOR AND HOME APPLI-  
ANCE

(62) 2020327341

(71) Samsung Electronics Co., Ltd.

(21) 2022206720 (22) 19.07.2022

(54) REFRIGERATOR AND HOME APPLI-  
ANCE

(62) 2020327341

(71) Scamarcia, D.

(21) 2022206700 (22) 18.07.2022

(54) FIRE RESISTANT SLIDING DOOR  
SYSTEM

(71) Shanghai Jinko Green Energy Enter-  
prise Management Co. Ltd.; Zhejiang  
Jinko Solar Co., Ltd.

(21) 2022206802 (22) 22.07.2022

(54) Solar Cell, Manufacturing Method  
Thereof, and Photovoltaic Module

(62) 2021225144

Complete Applications Filed - Name Index cont'd

- (71) Sharp Kabushiki Kaisha; FG Innovation Company Limited  
(21) 2022206736 (22) 20.07.2022  
(54) An image decoding apparatus  
(62) 2017377490
- 
- Sinolithium Materials Limited see Chengdu Chemphys Chemical Industry Co., Ltd**  
(21) 2022206767
- 
- (71) Snap-on Incorporated  
(21) 2022206731 (22) 19.07.2022  
(54) Non-marring panel remover  
(62) 2020203595
- 
- (71) Snap-on Incorporated  
(21) 2022206763 (22) 21.07.2022  
(54) Anti-backlash retention socket  
(31) 17/391,191 (32) 02.08.21 (33) US
- 
- (71) Snap-on Incorporated  
(21) 2022206770 (22) 21.07.2022  
(54) Gearing and crankshaft assembly for power tools  
(31) 17/391,206 (32) 02.08.21 (33) US
- 
- (71) SPL Design Co., Ltd  
(21) 2022206735 (22) 20.07.2022  
(54) METHOD FOR MANAGING ADVERTISEMENT  
(31) 110127013 (32) 22.07.21 (33) TW
- 
- (71) State of Victoria as represented by Department of Transport; Federation University Australia  
(21) 2022206706 (22) 18.07.2022  
(54) Restraint System for Mobility Device Passengers on Public Transport Vehicles
- 
- Stevenson, W.L. see Stevenson, R.A.**  
(21) 2022206773
- 
- (71) Stevenson, R.A.; Stevenson, W.L.  
(21) 2022206773 (22) 21.07.2022  
(54) Urination relief hatch for waterproof waders and foul weather gear  
(62) 2016355724
- 
- (71) Superior Pak Holdings Pty Ltd  
(21) 2022206786 (22) 21.07.2022  
(54) DETECTION SYSTEM FOR FRONT OF A VEHICLE  
(62) 2020289875
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- (71) SURF SENSE DEVICES PTY LTD  
(21) 2022206775 (22) 21.07.2022  
(54) FRAMEWORKS AND METHODOLOGIES CONFIGURED TO ENABLE REAL-TIME LOCATION-SPECIFIC DETERMINATION OF RECREATIONALLY
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- RELEVANT WAVE CHARACTERISTIC DATA, INCLUDING GENERATION AND DELIVERY OF LOCATION-SPECIFIC OCEAN WAVE NOTIFICATIONS  
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- (71) SWANSON TECHNOLOGIES CORPORATION  
(21) 2022206751 (22) 20.07.2022  
(54) SAFE STERILIZATION UNIT AND DOUBLE-SURFACE STERILIZATION DEVICE INCLUDING SAME  
(31) 110127128 (32) 23.07.21 (33) TW  
111207087 04.07.22 TW
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- (71) Swedish Biomimetics 3000 Limited  
(21) 2022206800 (22) 21.07.2022  
(54) Elongate Solid Phase Body  
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- (71) TAIPEI MEDICAL UNIVERSITY  
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(54) SELF-ASSEMBLED NANOPARTICLE AND USE THEREOF FOR ANTI- ANGIOGENESIS
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- (71) Technip Energies France  
(21) 2022206788 (22) 21.07.2022  
(54) Electrochemical installation operating at high temperature and associated process  
(31) 21 07954 (32) 22.07.21 (33) FR
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- (71) Teva Pharmaceuticals International GmbH  
(21) 2022206792 (22) 21.07.2022  
(54) Treating refractory migraine  
(62) 2017331593
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(21) 2022206794 (22) 21.07.2022  
(54) SYSTEM FOR TRANSMISSION AND DIGITIZATION OF MACHINE TELEMETRY  
(62) 2017273616
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- (71) Theravida, Inc.  
(21) 2022206709 (22) 19.07.2022  
(54) Methods and compositions for treating hyperhidrosis  
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- (71) Thomas Jefferson University  
(21) 2022206776 (22) 21.07.2022  
(54) Methods and compositions for treating cancers and enhancing therapeutic immunity by selectively reducing immunomodulatory M2 monocytes  
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- (71) Toshiba Energy Systems & Solutions Corporation  
(21) 2022206712 (22) 19.07.2022  
(54) Material deterioration evaluation device and material deterioration evaluation method  
(31) 2021-174758 (32) 26.10.21 (33) JP
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- (71) Toshiba Energy Systems & Solutions Corporation  
(21) 2022206791 (22) 21.07.2022  
(54) Blade damage evaluation apparatus, blade damage evaluation method, and blade damage evaluation program  
(31) 2021-130513 (32) 10.08.21 (33) JP
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(21) 2022206704 (22) 18.07.2022  
(54) Nanoparticle formulations for delivery of nucleic acid complexes  
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- (71) Translational Drug Development, LLC  
(21) 2022206787 (22) 21.07.2022  
(54) AMIDE COMPOUNDS AS KINASE INHIBITORS, COMPOSITIONS AND METHODS OF TREATMENT  
(62) 2020273376
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- TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Ganymed Pharmaceuticals GmbH**  
(21) 2022206711
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(21) 2022206771
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- (71) iZero IP, LLC  
(21) 2022206804 (22) 22.07.2022  
(54) Crypto integration platform  
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- (71) UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM  
(21) 2022206730 (22) 19.07.2022  
(54) Blood-based screen for detecting neurological diseases in primary care settings  
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- (71) VISCAGO LIMITED  
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(54) Device and Method for Viscosity Determination in Liquids  
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(71) Vitalitec International Inc  
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(54) OCCLUSION DEVICE  
(31) 17/382,434 (32) 22.07.21 (33) US

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(71) Weatherford Technology Holdings, LLC  
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(54) Tubular Cutting Tool  
(62) 2020204566

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(71) Wix.com Ltd.  
(21) 2022206714 (22) 19.07.2022  
(54) System and method for implementing  
containers which extract and apply se-  
mantic page knowledge  
(62) 2017304396

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**YALE UNIVERSITY see ARVINAS OPERA-  
TIONS, INC.**  
(21) 2022206739

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**Zhejiang Jinko Solar Co., Ltd. see Shang-  
hai Jinko Green Energy Enterprise Man-  
agement Co. Ltd.**  
(21) 2022206802

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Solar Co., Ltd.  
(21) 2022206808 (22) 22.07.2022  
(54) Semiconductor Substrate, Solar Cell,  
and Photovoltaic Module  
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Numerical Index

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<b>2022206700</b>	Scamarcia, D.	<b>2022206763</b>	Snap-on Incorporated
<b>2022206701</b>	CAMBRIDGE ENTERPRISE LIMITED	<b>2022206764</b>	Deere & Company
<b>2022206702</b>	Eli Lilly and Company	<b>2022206766</b>	eBay Inc.
<b>2022206703</b>	OXTI Pte Ltd	<b>2022206767</b>	Chengdu Chemphys Chemical Industry Co., Ltd; Sinolithium Materials Limited
<b>2022206704</b>	Translate Bio MA, Inc.	<b>2022206768</b>	CorMedix Inc.
<b>2022206705</b>	OXTI Pte Ltd	<b>2022206769</b>	Deere & Company
<b>2022206706</b>	State of Victoria as represented by Department of Transport; Federation University Australia	<b>2022206770</b>	Snap-on Incorporated
<b>2022206707</b>	Argus Heating Limited	<b>2022206771</b>	Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz GmbH
<b>2022206708</b>	BETTERSEEDS LTD	<b>2022206772</b>	Coupler Solutions Limited
<b>2022206709</b>	Theravida, Inc.	<b>2022206773</b>	Stevenson, R.A.; Stevenson, W.L.
<b>2022206711</b>	Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech SE	<b>2022206774</b>	Ripclear LLC
<b>2022206712</b>	Toshiba Energy Systems & Solutions Corporation	<b>2022206775</b>	SURF SENSE DEVICES PTY LTD
<b>2022206713</b>	BRUNONE, R.	<b>2022206776</b>	Thomas Jefferson University
<b>2022206714</b>	Wix.com Ltd.	<b>2022206777</b>	Remediation Products, Inc.
<b>2022206715</b>	Samsung Electronics Co., Ltd.	<b>2022206778</b>	BAKER HUGHES HOLDINGS LLC
<b>2022206716</b>	Samsung Electronics Co., Ltd.	<b>2022206779</b>	Cue Health Inc.
<b>2022206717</b>	Samsung Electronics Co., Ltd.	<b>2022206780</b>	Pictometry International Corp.
<b>2022206718</b>	Samsung Electronics Co., Ltd.	<b>2022206781</b>	BAE Systems plc
<b>2022206719</b>	Samsung Electronics Co., Ltd.	<b>2022206782</b>	LG Electronics Inc.
<b>2022206720</b>	Samsung Electronics Co., Ltd.	<b>2022206783</b>	Factor Bioscience Inc.
<b>2022206721</b>	Vitalitec International Inc	<b>2022206784</b>	Illinois Tool Works Inc.
<b>2022206722</b>	Human BioMolecular Research Institute	<b>2022206785</b>	Grinsell, D.
<b>2022206723</b>	Exothule Inc.	<b>2022206786</b>	Superior Pak Holdings Pty Ltd
<b>2022206724</b>	JCR Pharmaceuticals Co., Ltd.	<b>2022206787</b>	Translational Drug Development, LLC
<b>2022206726</b>	Bruin Biometrics LLC	<b>2022206788</b>	Technip Energies France
<b>2022206727</b>	Chr. Hansen A/S	<b>2022206789</b>	AADIGEN, LLC
<b>2022206728</b>	Nicoventures Trading Limited	<b>2022206790</b>	iRobot Corporation
<b>2022206729</b>	Comet Biorefining Inc.	<b>2022206791</b>	Toshiba Energy Systems & Solutions Corporation
<b>2022206730</b>	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH; BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	<b>2022206792</b>	Teva Pharmaceuticals International GmbH
<b>2022206731</b>	Snap-on Incorporated	<b>2022206793</b>	Apple Inc.
<b>2022206732</b>	F. Hoffmann-La Roche AG	<b>2022206794</b>	Theia Group, Incorporated
<b>2022206733</b>	2840629 ONTARIO INC.	<b>2022206795</b>	Property Source Solutions Pty Ltd
<b>2022206734</b>	Muller, R.	<b>2022206796</b>	Holley Performance Products, Inc.
<b>2022206735</b>	SPL Design Co., Ltd	<b>2022206797</b>	Geroux, J.; Cole, C.
<b>2022206736</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited	<b>2022206798</b>	TAIPEI MEDICAL UNIVERSITY
<b>2022206737</b>	Palo Alto Research Center Incorporated	<b>2022206799</b>	Edye Pty Ltd
<b>2022206738</b>	Beijing BrightSky Health Tech. Co. Ltd	<b>2022206800</b>	Swedish Biomimetics 3000 Limited
<b>2022206739</b>	ARVINAS OPERATIONS, INC.; YALE UNIVERSITY	<b>2022206801</b>	JINKO SOLAR (HAINING) CO., LTD.
<b>2022206740</b>	LivePerson, Inc.	<b>2022206802</b>	Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
<b>2022206741</b>	Royal Bank of Canada	<b>2022206803</b>	Polaris Industries Inc.
<b>2022206742</b>	Goldman Sachs & Co. LLC	<b>2022206804</b>	tZero IP, LLC
<b>2022206743</b>	Dexcom, Inc.	<b>2022206805</b>	Mallinckrodt Pharmaceuticals Ireland Limited
<b>2022206744</b>	Dexcom, Inc.	<b>2022206807</b>	RINNAI CORPORATION
<b>2022206745</b>	Digga Australia Pty. Ltd.	<b>2022206808</b>	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
<b>2022206746</b>	Aristocrat Technologies Australia Pty Limited		
<b>2022206747</b>	RAI Strategic Holdings, Inc.		
<b>2022206748</b>	Arrowhead Pharmaceuticals, Inc.		
<b>2022206749</b>	AxoGen Corporation		
<b>2022206750</b>	Weatherford Technology Holdings, LLC		
<b>2022206751</b>	SWANSON TECHNOLOGIES CORPORATION		
<b>2022206752</b>	CMR Surgical Limited		
<b>2022206753</b>	Pall Corporation		
<b>2022206754</b>	Carbon Areion Pty Ltd		
<b>2022206755</b>	Diehl Brass Solutions Stiftung & Co. KG		
<b>2022206756</b>	AMO Development, LLC		
<b>2022206757</b>	Astellas Institute for Regenerative Medicine		
<b>2022206758</b>	BGC Partners, Inc.		
<b>2022206759</b>	Lucira Health, Inc.		
<b>2022206760</b>	Equals 3 LLC		
<b>2022206761</b>	IGT		

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

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Jul 2022 .  
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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**(71)** Cruel Sea Technologies Pty Ltd  
**(21)** 2022100101      **(22)** 02.08.2022  
**(54)** Knife/blade holder for an agricultural  
machine  
**(62)** 2021105166

**Numerical Index**

**2022100101** Cruel Sea Technologies Pty Ltd

**Applications with amended filing dates Reg 3.5(A).**

2022203843 **Swift, O.** The filing date has been amended to  
26.07.2022

**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

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**2002**  
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<b>2005</b>			
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<b>2006</b>			
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2006207367 ( 14 )	2006207630 ( 14 )		
<b>2007</b>			
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2008209133 ( 14 )	2008209355 ( 14 )	2008229879 ( 14 )	
<b>2009</b>			
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2009337337 ( 14 )			
<b>2010</b>			
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2010205618 ( 14 )	2010205619 ( 14 )	2010205657 ( 14 )	
2010205905 ( 14 )	2010206482 ( 14 )	2010206872 ( 14 )	
2010206956 ( 14 )	2010207043 ( 14 )	2010341901 ( 14 )	
<b>2011</b>			
2011200123 ( 14 )	2011201753 ( 14 )	2011202131 ( 14 )	
2011202140 ( 14 )	2011206402 ( 14 )	2011206586 ( 14 )	
2011206614 ( 14 )	2011206617 ( 14 )	2011206688 ( 14 )	
2011207550 ( 14 )	2011208529 ( 14 )	2011209203 ( 14 )	
2011212636 ( 14 )			
<b>2012</b>			
2012200207 ( 14 )	2012200282 ( 14 )	2012206440 ( 14 )	
2012206446 ( 14 )	2012206982 ( 14 )	2012207967 ( 14 )	
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2012208912 ( 14 )	2012209946 ( 14 )	2012210260 ( 14 )	
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2012261669 ( 14 )			
<b>2013</b>			
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**2015**

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**2016**

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 2016208095 ( 14 ) 2016209597 ( 14 ) 2016214837 ( 14 )  
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**2017**

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**2019**

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**2020**

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 2020100084 ( 22E ) 2020100085 ( 22E ) 2020100086 ( 22E )  
 2020100089 ( 22E ) 2020100090 ( 22E ) 2020102372 ( 22E )  
 2020200202 ( 4C ) 2020203004 ( 5C ) 2020203053 ( 5C )  
 2020203157 ( 5C ) 2020203599 ( 5C ) 2020203750 ( 5C )  
 2020203800 ( 5C ) 2020204472 ( 5C ) 2020204514 ( 5C )  
 2020204526 ( 14 ) 2020205274 ( 5C ) 2020223646 ( 5C )  
 2020223726 ( 25D ) 2020226991 ( 4C ) 2020244379 ( 4C )  
 2020244384 ( 5C ) 2020250276 ( 5C ) 2020260552 ( 5C )  
 2020267306 ( 5C ) 2020277283 ( 5C ) 2020281026 ( 25D )  
 2020281112 ( 5C ) 2020289738 ( 4C ) 2020294339 ( 5C )  
 2020378913 ( 1B )

**2021**

2021200884 ( 4C ) 2021203147 ( 4C ) 2021204419 ( 4C )  
 2021902401 ( 12AN ) 2021902591 ( 12AN ) 2021902617 ( 12AN )  
 2021903810 ( 12AN )

**2022**

2022202960 ( 1B ) 2022203113 ( 1B ) 2022203116 ( 1B )  
 2022203244 ( 7AN )

**Assignments before Grant, Section 113**

**2016**

2016216548 Bloch, Guido The application has been assigned to **Easycraft Australia Pty Ltd**

2016345699 C.E.R.M.E.X. Constructions Etudes et Recherches de Matériels pour l'Emballage d'Expedition The application has been assigned to **Sidel Participations S.A.S.**

**2017**

2017276466 Peng, Sigam The application has been assigned to **Marine Protech Limited**

2017299219 AC Immune S.A.; Life Molecular Imaging SA The application has been assigned to **Life Molecular Imaging Limited; AC Immune S.A.**

2017342071 Symphogen A/S The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd**

**2018**

2018205059 Moonlite World Inc. The application has been assigned to **Redwoodventures, Ltd.**

2018205352 Moki Doorstep Corp. The application has been assigned to **PRIDE MANUFACTURING COMPANY, LLC**

2018206578 NCS Acoustics Limited The application has been assigned to **Elta Group Innovations Limited**

2018220078 Fantech Pty Ltd The application has been assigned to **Elta Group Innovations Limited**

2018264160 Fantech Pty Ltd The application has been assigned to **Elta Group Innovations Limited**



**Assignments before Grant, Section 113**

2018307910 Daiichi Sankyo Company, Limited; Plexxikon Inc. The application has been assigned to **Daiichi Sankyo, Inc.; Daiichi Sankyo Company, Limited**

2018316254 FORMA Therapeutics, Inc. The application has been assigned to **Valo Health, Inc.**

2018327337 CooperGenomics, Inc. The application has been assigned to **CooperSurgical, Inc.**

2018348241 Plexxikon Inc. The application has been assigned to **Opna Immuno-Oncology, SA**

**2019**

2019205978 AEL Mining Services Limited The application has been assigned to **AECI Mining Limited**

2019210976 AC Immune SA; Life Molecular Imaging SA The application has been assigned to **Life Molecular Imaging Limited; AC Immune SA**

2019212170 AC Immune SA; Life Molecular Imaging SA The application has been assigned to **Life Molecular Imaging Limited; AC Immune SA**

2019293380 Caffemotive Srl The application has been assigned to **LUIGI LAVAZZA – SOCIETA' PER AZIONI**

2019325436 Boragen Inc. The application has been assigned to **5Metis, Inc.**

2019356033 CooperGenomics, Inc. The application has been assigned to **CooperSurgical, Inc.**

2019378157 4Wall IP Ltd The application has been assigned to **4Wall IP DMCC**

**2020**

2020225763 New Injection Systems Ltd. The application has been assigned to **Sensile Medical AG**

2020250304 ACI Intellectual Holdings Pty Ltd The application has been assigned to **Lifestyle Cabins WA Pty Ltd**

2020271836 Plexxikon Inc. The application has been assigned to **Opna Immuno-Oncology, SA**

2020313518 Aliform UG (haftungsbeschaenkt) The application has been assigned to **Aliform Inc.**

2020364151 The Trustees of the University of Pennsylvania The application has been assigned to **The United States Government As Represented By The Department Of Veterans Affairs; The Trustees of the University of Pennsylvania**

2020372939 Eclipse Medcorp, LLC The application has been assigned to **Crown Laboratories, Inc.**

2020400107 The Regents of the University of California; The Johns Hopkins University; Tehrani, Farshad; President and Fellows of Harvard

**Assignments before Grant, Section 113**

College The application has been assigned to **The Regents of the University of California; The Johns Hopkins University; President and Fellows of Harvard College**

2020904137 SMITH, Bruce The application has been assigned to **Everflo Australia Pty Ltd**

**2022**

2022204078 Symphogen A/S The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd**

**Extensions of Time, Section 223**

**Applications Received**

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

**2020**

2020290378 **WASP MANUFACTURING LTD.** An application to extend the time from 11 Jan 2022 to 11 Jun 2022 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020308424 **LIFTRA IP APS** An application to extend the time from 24 Jan 2022 to 24 May 2022 in which to enter the National Phase has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

**2021**

2021203087 **Q30 Sports Science, LLC** An application to extend the time from 16 Nov 2021 to 16 Jul 2022 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021203730 **Grannus, LLC** An application to extend the time from 04 Dec 2021 to 04 Jul 2022 in which to pay a continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

**2022**

2022206725 **Wenger Manufacturing Inc.** An application to extend the time from 29 Sep 2021 to 29 Jul 2022 in which to claim the convention priority date has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

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

**2005**

2005274927 **Albany Molecular Research, Inc.** The time in which to pay a renewal fee has been extended to 15 Mar 2022 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2014**

2014202753 **Nott, O.** The time in which to pay a renewal fee has been extended to 20 Feb 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

**Extensions of Time, Section 223**

**2017**

2017304229 **CHAN, E.** The time in which to gain acceptance has been extended to 24 Nov 2022 . Address for service - Roger Syn & Co Patent & Trade Mark Attorneys P.O. Box 777 Glen Waverley VIC 3150 AU

2017338618 **Ampfibian Holdings Pty Ltd** The time in which to gain acceptance has been extended to 13 Aug 2022 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

**2019**

2019101770 **TTI ( Macao Commercial Offshore) Limited** The time in which to pay a renewal fee has been extended to 17 May 2022 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

**2021**

2021203760 **GE Global Sourcing LLC** The time in which to pay a continuation fee has been extended to 08 May 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 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.

**2003**

2003287591 Pharmaceutical compositions including low dosages of desmopressin **Serenity Pharmaceuticals LLC** The nature of the amendment is: Amend the name of the inventor to read Nørgaard,, Jens Peter AND Senderovitz, Thomas . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**2016**

2016225179 Materials and methods for treatment of hemoglobinopathies **CRISPR Therapeutics AG ; Georgia Tech Research Corporation ; William Marsh Rice University** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2022 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

**2017**

2017328807 Porous composite material **Tampere University Foundation sr** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017342436 Sulfoxyalkyl organonitro and related compounds and pharmaceutical compositions for use in medicine **EpicentRx, Inc.** The nature of the amendment is as shown in the statement(s) filed 22

**Amendments**

Jul 2022 . Address for service - Pizzzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

**2018**

2018216424 Base station apparatus, terminal apparatus, communication method, and integrated circuit **Sharp Kabushiki Kaisha ; FG Innovation Company Limited** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2022 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018417653 Multi-stage sidelink control information **Telefonaktiebolaget LM Ericsson (publ)** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2019**

2019204784 COMPOSITIONS AND METHODS FOR MODULATING HBV AND TTR EXPRESSION **Ionis Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019290163 PCSK9 antagonist compounds **Merck Sharp & Dohme LLC.** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019428456 Coordination of media content delivery to multiple media players **Disney Enterprises, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

**2022**

2022202791 Determination of base modifications of nucleic acids **The Chinese University of Hong Kong** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2022 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

**Amendments Made**

**2013**

2013200983 **Unique Global Possibilities (Australia) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2022

**2014**

2014240371 **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2022

**2015**

2015204646 **Bioverativ Therapeutics Inc.** The nature of the amendment is: Amend the name of the inventor to read Chhabra, Ekta Seth; Liu, Tongyao; Peters, Robert T. and Kulman, John

2015353705 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 19 Apr 2022

**Amendments****2016**

2016250188 **Vanderbilt University** The nature of the amendment is as shown in the statement filed 12 Apr 2022

2016320892 **Incyte Corporation** The nature of the amendment is as shown in the statement(s) filed 06 Apr 2022

2016365338 **Mars, Incorporated** The nature of the amendment is as shown in the statement filed 08 Apr 2022

2016425950 **Sandvik Intellectual Property AB** The nature of the amendment is: Amend the invention title to read Operation arrangement and method for operating a mobile haulage arrangement for continuously conveying fragmented material

**2017**

2017267615 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the name of the inventor to read Li, Qinghong; Laflamme, Dorothy P.; Boler, Brittany Vester; Xu, Hui and Bhatnagar, Sandeep

2017366879 **PTC Therapeutics MP, Inc.** The nature of the amendment is as shown in the statement filed 04 May 2022

2017370560 **Regulus Therapeutics Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2022

2017382185 **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2022

**2018**

2018235441 **Eloxx Pharmaceuticals Ltd.** The nature of the amendment is: Amend the name of the inventor to read Mizhiritskii, Michael; Kotala, Mani Bushan and Paladi, Ravinder

2018430996 **Beijing Microlive Vision Technology Co., Ltd** The nature of the amendment is: Application is to proceed under the number 2018102243

**2019**

2019282111 **Spermvital AS** The nature of the amendment is as shown in the statement filed 13 Apr 2022

2019355198 **First Light Diagnostics, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2022

**2020**

2020203845 **Orbis Health Solutions, LLC** The nature of the amendment is as shown in the statement filed 19 Apr 2022

2020314361 **CBN Nano Technologies Inc.** The nature of the amendment is as shown in the statement filed 22 Apr 2022

2020321422 **SparkCognition, Inc.** The nature of the amendment is: Amend the name of the inventor to read GREENWOOD, Bryson and MCDONNELL, Tyler S.

2020365413 **Rubicon Research Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read AUGHTON, David

**Amendments**

John; DELACORN, Joel Michael; CROZIER, Jonathan Ross and YARYGIN, Eugene

2020373064 **The Broad Institute, Inc.; Massachusetts Institute of Technology** The nature of the amendment is: Amend the name of the inventor to read SAITO, Makoto; ZHANG, Feng and FAURE, Guilhem

2020385020 **Hamlin, J.** The nature of the amendment is: Application is to proceed under the number 2020104483

2020406824 **Korea Research Institute of Chemical Technology** The nature of the amendment is: Amend the invention title to read NOVEL PYRIMIDINE DERIVATIVE AND USE THEREOF

2020412710 **Blueprint Medicines Corporation** The nature of the amendment is: Amend the invention title to read Inhibitors of mutant forms of EGFR

2020416346 **GI Biome** The nature of the amendment is: Amend the name of the inventor to read YANG, Bo Gie; JANG, Myung Ho; KANG, Chang Ho and PAEK, Nam Soo

2020417121 **GI Biome** The nature of the amendment is: Amend the name of the inventor to read YANG, Bo Gie; JANG, Myung Ho; KANG, Chang Ho and PAEK, Nam Soo

2020418312 **GI Biome** The nature of the amendment is: Amend the name of the inventor to read YANG, Bo Gie; JANG, Myung Ho; KANG, Chang Ho and PAEK, Nam Soo

2020420882 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RESOURCE ALLOCATION SIGNALING IN A WIRELESS LOCAL AREA NETWORK PREAMBLE

2020431001 **GC Corporation** The nature of the amendment is: Amend the invention title to read Dripping Container Cover

**2021**

2021202251 **Swim Spas and Plunge Pools Pty Limited** The nature of the amendment is: Application is to proceed under the number 2021107665

2021206997 **Astellas Pharma Inc.** The nature of the amendment is: Amend the invention title to read Fatty acid derivative labeled with positron-emitting radionuclide

2021221304 **NEC Platforms, Ltd.** The nature of the amendment is: Amend the invention title to read NURSE CALL SYSTEM, METHOD FOR NURSE CALL AND PROGRAM

**2022**

2022206733 **2840629 ONTARIO INC.** The nature of the amendment is: Amend the priority details to read 63/223,309 19 Jul 2021 US and 63/256,876 18 Oct 2021 US

2022901903 **Xero Limited** The nature of the amendment is: Amend the invention title to read Graphical user interfaces and systems, methods, and computer-readable media for providing graphical user interfaces

**Amendments****Alteration of Name(s) of Applicant(s)/Patentee(s)****2006**

2006329605 Sensile Pat AG The name of the patentee has been altered to **Sensile Medical AG**

**2015**

2015271029 Somerset Coal International The name of the patentee has been altered to **Somerset International, Inc.**

**2016**

2016383376 Beijing Gushen Life Health Technology Co., Ltd ; Institute of Materia Medica, Chinese Academy of Medical Sciences The name of the applicant has been altered to **Beijing Gushen Life Health Technology Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Sciences**

**2017**

2017233089 Beijing Gushen Life Health Technology Co., Ltd; Institute of Materia Medica, Chinese Academy of Medical Sciences The name of the applicant has been altered to **Beijing Gushen Life Health Technology Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Sciences**

2017270864 Beijing Gushen Life Health Technology Co., Ltd; Institute of Materia Medica, Chinese Academy of Medical Sciences The name of the applicant has been altered to **Beijing Gushen Life Health Technology Co., Ltd.; Institute of Materia Medica, Chinese Academy of Medical Sciences**

2017361085 Hancock Jaffe Laboratories, Inc. The name of the applicant has been altered to **enVveno Medical Corporation**

**2018**

2018307196 Carlisle Brake & Friction, Inc. The name of the applicant has been altered to **CMBF Products, Inc.**

2018326619 Pirouette Medical LLC The name of the applicant has been altered to **Pirouette Medical Inc.**

**2019**

2019204804 Pulnova Medical (Wuxi) Co., Ltd. The name of the patentee has been altered to **Pulnova Medical (Wuxi) Co., Ltd.**

2019226121 Somerset Coal International The name of the patentee has been altered to **Somerset International, Inc.**

2019280185 Robin Duncan Kirkpatrick ; Colin Jurie Iotter ; Johann Anton Schneider The name of the applicant has been altered to **Green Coal Technologies Proprietary Limited**

2019292557 Marizyme Biotech The name of the applicant has been altered to **Marizyme, Inc.**

**2020**

2020250197 Pulnova Medical (Wuxi) Co., Ltd. The name of the patentee has been altered to **Pulnova Medical (Wuxi) Co., Ltd.**

**Amendments****2021**

2021201763 MileIQ LLC The name of the applicant has been altered to **MileIQ Inc.**

2021211011 Nevro Corp.; Dongchul Lee The name of the applicant has been altered to **Nevro Corp.**

**2022**

2022202710 Pulnova Medical (Wuxi) Co., Ltd. The name of the applicant has been altered to **Pulnova Medical (Wuxi) Co., Ltd.**

2022203379 SHUKLA, Mandakini The name of the applicant has been altered to **SHUKLA, A.**

2022205185 Adams Pluck The name of the applicant has been altered to **DENG, L.**

2022901971 Badcock, Rod; Brooks, Justin; Bumby, Christopher; Mataira-Cole, Ratu; Brooks, Gus The name of the applicant has been altered to **Badcock, R.; Brooks, J.; Bumby, C.; Mataira-Cole, R.**

Applications Open to Public Inspection

Name Index

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

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(71) Ab Initio Technology LLC  
 (11) AU-A-2022206687  
 (21) 2022206687 (22) 18.07.2022  
 (54) DYNAMIC EXECUTION OF PARAMETERIZED APPLICATIONS FOR THE PROCESSING OF KEYED NETWORK DATA STREAMS  
 (51) Int. Cl.  
**G06F 40/00** ( 2020.01 )  
 (43) 11.08.2022  
 (62) 2018225158  
 (72) Ravid, Oded; Rossi, Larry Paul; Baxter, Peter; Gould, Joel  
 (74) RnB IP Pty Ltd

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(71) Alchin Long Group IP Pty Limited  
 (11) AU-A-2022200339  
 (21) 2022200339 (22) 19.01.2022  
 (54) A sliding panel lock  
 (51) Int. Cl.  
**E05B 65/08** ( 2006.01 )  
**E05B 9/04** ( 2006.01 )  
**E05B 9/08** ( 2006.01 )  
**E05B 27/00** ( 2006.01 )  
**E05B 57/00** ( 2006.01 )  
**E05C 3/12** ( 2006.01 )  
 (31) 2021900188 (32) 28.01.21 (33) AU  
 (43) 11.08.2022  
 (72) Winston, David  
 (74) GLMR

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(71) Angel Group Co., Ltd.  
 (11) AU-A-2022205270  
 (21) 2022205270 (22) 15.07.2022  
 (54) Chip measurement system  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 3/00** ( 2006.01 )  
 (43) 11.08.2022  
 (62) 2020260553  
 (72) SHIGETA, Yasushi  
 (74) FB Rice Pty Ltd

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(71) Anuncia, Inc  
 (11) AU-A-2022205256  
 (21) 2022205256 (22) 15.07.2022  
 (54) Systems and methods for shunting fluid  
 (51) Int. Cl.  
**A61M 27/00** ( 2006.01 )  
 (43) 11.08.2022  
 (62) 2020250276  
 (72) EAST, Andrew; BROPHY, Morgan; SINGH, Deep Arjun; ANAND, PJ; DEGON, Robert; FALLON, Timothy; WALLER, Allison; ATTAR, Matthew  
 (74) Spruson & Ferguson

(71) Apparatus LLC  
 (11) AU-A-2021218023  
 (21) 2021218023 (22) 17.08.2021  
 (54) Modular Floor Covering System  
 (51) Int. Cl.  
**A47G 27/02** ( 2006.01 )  
**A41F 1/00** ( 2006.01 )  
**A44B 99/00** ( 2010.01 )  
**A47G 27/04** ( 2006.01 )  
 (31) 17/241,180 (32) 27.04.21 (33) US  
 63/142,025 27.01.21 US  
 (43) 11.08.2022  
 (72) HENDIFAR, Gabriel  
 (74) WRAYS PTY LTD

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(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022200512  
 (21) 2022200512 (22) 27.01.2022  
 (54) PERSISTENT SYMBOL POSITION ARRAYS WITH ARRAY GROWTH IN BOTH BASE GAME AND FEATURE GAME  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 17/248,504 (32) 27.01.21 (33) US  
 (43) 11.08.2022  
 (72) SANBORN, Hanna; MIZZI, Jennifer; USS, Jeffrey; DECASA, Rogelio; WARMS, Nathan; SMITH, Zachary; CHING, Erick  
 (74) Griffith Hack

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(71) Aristocrat Technologies, Inc.  
 (11) AU-A-2022200536  
 (21) 2022200536 (22) 27.01.2022  
 (54) ADAPTIVE MOBILE DEVICE GAMING SYSTEM  
 (51) Int. Cl.  
**G07F 17/32** ( 2006.01 )  
 (31) 17/160,343 (32) 27.01.21 (33) US  
 (43) 11.08.2022  
 (72) NGUYEN, Binh; THOMAS, Douglass  
 (74) Griffith Hack

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(71) ARVINAS OPERATIONS, INC.; YALE UNIVERSITY  
 (11) AU-A-2022206739  
 (21) 2022206739 (22) 20.07.2022  
 (54) MODULATORS OF PROTEOLYSIS AND ASSOCIATED METHODS OF USE  
 (51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/427** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )

(43) 11.08.2022  
 (62) 2019249231  
 (72) Crew, Andrew P.; Hornberger, Keith R.; Wang, Jing; Dong, Hanqing; Berlin, Michael; Crews, Craig M.  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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(71) Bambino Prezioso Switzerland AG  
 (11) AU-A-2022200460  
 (21) 2022200460 (22) 25.01.2022  
 (54) SAFETY SEAT AND BASE THEREOF  
 (51) Int. Cl.  
**B60N 2/28** ( 2006.01 )  
**B60N 2/06** ( 2006.01 )  
 (31) 202110104241.0 (32) 26.01.21 (33) CN  
 (43) 11.08.2022  
 (72) CHEN, Yingzhong  
 (74) James & Wells Intellectual Property

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(71) Bayer CropScience LP  
 (11) AU-A-2022204835  
 (21) 2022204835 (22) 06.07.2022  
 (54) Methods and Agricultural Compositions for Preventing or Controlling Plant Diseases  
 (51) Int. Cl.  
**A01N 63/22** ( 2020.01 )  
**A01N 63/25** ( 2020.01 )  
**C05F 11/08** ( 2006.01 )  
**C12R 1/12** ( 2006.01 )  
 (43) 11.08.2022  
 (62) 2018246232  
 (72) GUAN, Shaohua; RAJBANSHI, Sashi Shankar; HILL, Curtis Brian  
 (74) Davies Collison Cave Pty Ltd

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(71) BEDGEAR, LLC  
 (11) AU-A-2022205259  
 (21) 2022205259 (22) 15.07.2022  
 (54) Ambient Bed Having a Heat Reclaim System  
 (51) Int. Cl.  
**A47C 21/04** ( 2006.01 )  
**A61G 7/057** ( 2006.01 )  
 (43) 11.08.2022  
 (62) 2020260552  
 (72) Alletto Jr., Eugene; Rad, Vandas Barzin  
 (74) Michael Buck IP

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(71) BEDGEAR, LLC  
 (11) AU-A-2022205260  
 (21) 2022205260 (22) 15.07.2022  
 (54) Ambient Bed Having a Heat Reclaim System  
 (51) Int. Cl.  
**A47C 21/04** ( 2006.01 )  
**A61G 7/057** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 11.08.2022  
 (62) 2020267306  
 (72) Alletto Jr., Eugene; Rad, Vandad Barzin  
 (74) Michael Buck IP

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (11) AU-A-2021240155  
 (21) 2021240155 (22) 28.09.2021  
 (54) Control Pulse Generation Method, Apparatus, System, Device And Storage Medium  
 (51) Int. Cl.  
*G06N 10/00* ( 2019.01 )  
 (31) 202110091055.8 (32) 22.01.21 (33) CN  
 (43) 11.08.2022  
 (72) WANG, Xin; JIN, Lijing; LIU, Shusen; MENG, Zelin; YAN, Zixian  
 (74) WRAYS PTY LTD

(71) Beijing Baidu Netcom Science Technology Co., Ltd.  
 (11) AU-A-2021240156  
 (21) 2021240156 (22) 28.09.2021  
 (54) Quantum Control Pulse Generation Method And Apparatus, Device, And Storage Medium  
 (51) Int. Cl.  
*G06N 10/00* ( 2019.01 )  
 (31) 202110090999.3 (32) 22.01.21 (33) CN  
 (43) 11.08.2022  
 (72) JIN, Lijing; WANG, Xin; ZHANG, Runze; MENG, Zelin  
 (74) WRAYS PTY LTD

**BioNTech SE see Ganymed Pharmaceuticals GmbH**  
 (21) 2022206711

(71) Block, Inc.  
 (11) AU-A-2022205272  
 (21) 2022205272 (22) 15.07.2022  
 (54) Animation management in applications  
 (51) Int. Cl.  
*G06Q 30/06* ( 2012.01 )  
*G06Q 50/12* ( 2012.01 )  
 (43) 11.08.2022  
 (62) 2020204343  
 (72) Renke, Christopher  
 (74) FB Rice Pty Ltd

(71) BLOCKAID PTY LTD  
 (11) AU-A-2021200539  
 (21) 2021200539 (22) 28.01.2021  
 (54) A BRACKET  
 (51) Int. Cl.  
*E04C 5/16* ( 2006.01 )  
*E04C 5/20* ( 2006.01 )  
*E04B 2/02* ( 2006.01 )  
*E04B 2/20* ( 2006.01 )  
*E04B 2/26* ( 2006.01 )  
 (43) 11.08.2022  
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 (74) DAVIS IP PTY LTD

(71) Böme S.r.l.  
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 (21) 2022200473 (22) 25.01.2022  
 (54) Thermal protection device for a hydraulic circuit  
 (51) Int. Cl.  
*F16L 53/75* ( 2018.01 )  
*E03B 7/12* ( 2006.01 )  
*F24S 40/70* ( 2018.01 )  
*G05D 23/02* ( 2006.01 )  
 (31) 102021000001271 (32) 25.01.21 (33) IT  
 (43) 11.08.2022  
 (72) MEDINA, Carlo  
 (74) Spruson & Ferguson

(71) Bruin Biometrics LLC  
 (11) AU-A-2022206726  
 (21) 2022206726 (22) 19.07.2022  
 (54) Apparatus and methods for determining damaged tissue using sub-epidermal moisture measurements  
 (51) Int. Cl.  
*A61B 5/04* ( 2006.01 )  
*A61B 5/0408* ( 2006.01 )  
*A61B 5/05* ( 2021.01 )  
*A61B 5/053* ( 2021.01 )  
*A61B 18/18* ( 2006.01 )  
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 (72) TONAR, Ya-Chen; RHODES, Shannon; CLENDENIN, Marta; BURNS, Martin; JARADEH, Kindah  
 (74) Spruson & Ferguson

**Burgis, A. see Burgis, W.**  
 (21) 2021257979

(71) Burgis, W.; Burgis, A.; Vo, T.  
 (11) AU-A-2021257979  
 (21) 2021257979 (22) 27.10.2021  
 (54) AN IMPROVED TOILET HYGIENE APPARATUS  
 (51) Int. Cl.  
*E03D 9/03* ( 2006.01 )  
*E03D 9/02* ( 2006.01 )  
 (31) 2021900176 (32) 27.01.21 (33) AU  
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 (72) Burgis, Wayne; Burgis, Anne; Vo, Thuy  
 (74) Michael Buck IP

(71) CASE WESTERN RESERVE UNIVERSITY; UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER; UNIVERSITY OF IOWA RESEARCH FOUNDATION  
 (11) AU-A-2022205248  
 (21) 2022205248 (22) 14.07.2022  
 (54) INHIBITORS OF SHORT-CHAIN DEHYDROGENASE ACTIVITY FOR PROMOTING NEUROGENESIS AND INHIBITING NERVE CELL DEATH  
 (51) Int. Cl.  
*C07D 495/04* ( 2006.01 )  
*A61K 31/18* ( 2006.01 )  
*A61K 31/4365* ( 2006.01 )

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 (72) MARKOWITZ, Sanford; READY, Joseph; PIEPER, Andrew  
 (74) Houlihan2 Pty Ltd

(71) CATERPILLAR INC.  
 (11) AU-A-2022200070  
 (21) 2022200070 (22) 07.01.2022  
 (54) SYSTEM AND METHOD OF CLIMATE CONTROL IN UNMANNED MACHINE  
 (51) Int. Cl.  
*B60H 1/00* ( 2006.01 )  
 (31) 17/160,651 (32) 28.01.21 (33) US  
 (43) 11.08.2022  
 (72) BRIDENBAUGH, Michael W.; NJOS, Erik A.  
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.  
 (11) AU-A-2022200198  
 (21) 2022200198 (22) 13.01.2022  
 (54) VISUAL OVERLAYS FOR PROVIDING PERCEPTION OF DEPTH  
 (51) Int. Cl.  
*G06T 7/50* ( 2017.01 )  
*B60R 1/22* ( 2022.01 )  
*G06T 7/521* ( 2017.01 )  
*G06T 15/20* ( 2011.01 )  
*G06T 17/05* ( 2011.01 )  
*G06T 19/00* ( 2011.01 )  
*H04N 13/204* ( 2018.01 )  
 (31) 17/248,527 (32) 28.01.21 (33) US  
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 (72) BRIDENBAUGH, Michael W.; LE-HOCKY, Craig A.; BAKER, Jeffrey J.; BERRY, Jeffrey K.; VAN DE VEER, Brad R.  
 (74) FPA Patent Attorneys Pty Ltd

**Centre National de la Recherche Scientifique see Institut National de la Sante et de la Recherche Medicale (INSERM)**  
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(71) Chevron U.S.A. Inc  
 (11) AU-A-2021200537  
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 (54) Subsurface strain estimation using fiber optic measurement  
 (51) Int. Cl.  
*G01V 1/52* ( 2006.01 )  
*G01B 11/16* ( 2006.01 )  
 (43) 11.08.2022  
 (72) Davies, Kevin John  
 (74) Davies Collison Cave Pty Ltd

(71) Davidsen, C.  
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 (54) A blocking tool  
 (51) Int. Cl.  
*B24D 15/04* ( 2006.01 )  
*B29C 65/00* ( 2006.01 )  
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(71) Day, L.  
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 (54) Bump Stopper.  
 (51) Int. Cl.  
*B60D 1/60* ( 2006.01 )  
 (43) 11.08.2022  
 (72) Day, Lincoln  
 (74) Lincoln Day

(71) Deere & Company  
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 (54) Implement mounted sensors sensing seed and residue characteristics and control  
 (51) Int. Cl.  
*A01C 5/04* ( 2006.01 )  
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 (31) 17/156,778 (32) 25.01.21 (33) US  
 (43) 11.08.2022  
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 (74) Davies Collison Cave Pty Ltd

(71) Dejero Labs Inc.  
 (11) AU-A-2022205264  
 (21) 2022205264 (22) 15.07.2022  
 (54) System and method for controlling data stream modifications  
 (51) Int. Cl.  
*H04N 21/23* ( 2011.01 )  
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 (74) FB Rice Pty Ltd

(71) Dexcom, Inc.  
 (11) AU-A-2022206743  
 (21) 2022206743 (22) 20.07.2022  
 (54) Intelligent wireless communications for continuous analyte monitoring  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61B 5/05* ( 2021.01 )  
*A61B 5/145* ( 2006.01 )  
*A61B 5/15* ( 2006.01 )  
*G01N 27/26* ( 2006.01 )  
*G01N 27/416* ( 2006.01 )  
*G01N 33/48* ( 2006.01 )  
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Aditya; MENSINGER, Michael Robert; VALDES, Jorge; WEDEKIND, Jeffrey R.  
 (74) FB Rice Pty Ltd

(71) Dexcom, Inc.  
 (11) AU-A-2022206744  
 (21) 2022206744 (22) 20.07.2022  
 (54) Systems and methods for inter-app communications  
 (51) Int. Cl.  
*G06F 9/54* ( 2006.01 )  
*A61B 5/145* ( 2006.01 )  
*A61B 5/15* ( 2006.01 )  
*A61B 5/157* ( 2006.01 )  
*G06F 21/00* ( 2013.01 )

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 (74) FB Rice Pty Ltd

(71) Duke University  
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 (54) Systems and methods for applying electrical stimulation for optimizing spinal cord stimulation  
 (51) Int. Cl.  
*A61N 1/36* ( 2006.01 )  
*A61N 1/08* ( 2006.01 )  
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 (62) 2020205274  
 (72) GRILL, Warren M.; ZHANG, Tianhe  
 (74) Spruson & Ferguson

(71) E. I. du Pont de Nemours and Company  
 (11) AU-A-2022205254  
 (21) 2022205254 (22) 15.07.2022  
 (54) NUCLEATED CRYSTALLIZATION OF POLY(TRIMETHYLENE-2,5-FURANDICARBOXYLATE) (PTF) AND ARTICLES MADE THEREFROM  
 (51) Int. Cl.  
*C08K 5/098* ( 2006.01 )  
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 (43) 11.08.2022  
 (62) 2020203599  
 (72) NEDERBERG, Fredrik; RAJAGOPALAN, Bhuma; COHEN, Gordon Mark  
 (74) Houlihan2 Pty Ltd

(71) Eli Lilly and Company  
 (11) AU-A-2022206702  
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 (54) Phenyl-2-hydroxy-acetyl-amino-2-methyl-phenyl compounds  
 (51) Int. Cl.  
*C07D 213/82* ( 2006.01 )  
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 (72) CIFUENTES-GARCIA, Marta Maria; GARCIA-PAREDES, Maria Christina  
 (74) Spruson & Ferguson

(71) ENSIGN INFOSECURITY PTE. LTD.  
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 (54) A SYSTEM AND METHOD FOR DETECTING DOMAIN GENERATION ALGORITHMS (DGAs) USING DEEP LEARNING AND SIGNAL PROCESSING TECHNIQUES  
 (51) Int. Cl.  
*G06N 3/04* ( 2006.01 )  
*G06N 20/20* ( 2019.01 )  
*H04L 61/4511* ( 2022.01 )  
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 (43) 11.08.2022  
 (72) LEE, Joon Sern; YAM GUI, Peng David; QUEK, Han Yang; CHAN, Jin Hao  
 (74) MINTER ELLISON

Federation University Australia see State of Victoria as represented by Department of Transport  
 (21) 2022206706

FG Innovation Company Limited see Sharp Kabushiki Kaisha  
 (21) 2022206736

(71) Fox Guard IP Pty Ltd  
 (11) AU-A-2021218241  
 (21) 2021218241 (22) 21.08.2021  
 (54) A Product Protection Assembly  
 (51) Int. Cl.  
*E05B 73/00* ( 2006.01 )  
*G08B 13/24* ( 2006.01 )  
 (31) 2021900152 (32) 25.01.21 (33) AU  
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 (72) KLUMPER, Paul; STEIN, Phillip  
 (74) mdp Patent and Trade Mark Attorneys

(71) Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech SE  
 (11) AU-A-2022206711  
 (21) 2022206711 (22) 19.07.2022  
 (54) Diagnosis and therapy of cancer involving cancer stem cells  
 (51) Int. Cl.  
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**(74)** FB Rice Pty Ltd

**Gensight Biologics see Institut National de la Sante et de la Recherche Medicale (INSERM)**  
**(21)** 2022205258

**(71)** Goldman Sachs & Co. LLC  
**(11)** AU-A-2022206742  
**(21)** 2022206742 **(22)** 20.07.2022  
**(54)** Systems and methods for prevention of manipulation and gaming in electronic intraday auctions  
**(51)** Int. Cl.  
**G06Q 40/00** ( 2012.01 )  
**(43)** 11.08.2022  
**(62)** 2020203203  
**(72)** BRENNAN, Paul M.; BROUSSIN, Charles  
**(74)** FB Rice Pty Ltd

**(71)** Hangzhou DAC Biotech Co., Ltd  
**(11)** AU-A-2022205269  
**(21)** 2022205269 **(22)** 15.07.2022  
**(54)** A conjugate of a tubulysin analog with branched linkers  
**(51)** Int. Cl.  
**A61K 47/00** ( 2006.01 )  
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**(72)** ZHAO, Robert Yongxin; YANG, Qingliang; HUANG, Yuanyuan; ZHAO, Linyao; GAI, Shun; YE, Hangbo; LEI, Jun; XU, Yifang; CAO, Mingjun; GUO, Huihui; JIA, Junxiang; TONG, Qianqian; LI, Wenjun; ZHOU, Xiaomai; XIE, Hongsheng; BAI, Lu; CAI, Xiang; ZHUO, Xiaotao; ZHANG, Xiuzheng; ZHENG, Jun  
**(74)** FB Rice Pty Ltd

**(71)** Hanwha Defense Co., Ltd.  
**(11)** AU-A-2021203586  
**(21)** 2021203586 **(22)** 01.06.2021  
**(54)** Caterpillar changing apparatus  
**(51)** Int. Cl.  
**B62D 55/32** ( 2006.01 )  
**(31)** 10-2021-0009095 **(32)** 22.01.21 **(33)** KR  
**(43)** 11.08.2022  
**(72)** SEO, Min Kyo; KIM, Ki Jeong; Lee, Dong Su  
**(74)** FB Rice Pty Ltd

**Huazhong University of Science and Technology see State Grid Henan Electric Power Research Institute**  
**(21)** 2021282558

**(71)** Hydrogen Partners Pty Ltd  
**(11)** AU-A-2022200539  
**(21)** 2022200539 **(22)** 27.01.2022  
**(54)** System and Method for Providing Additives to Internal Combustion Engines  
**(51)** Int. Cl.  
**F02M 25/12** ( 2006.01 )  
**C25B 1/044** ( 2021.01 )  
**C25B 9/67** ( 2021.01 )  
**C25B 15/08** ( 2006.01 )  
**F02B 43/10** ( 2006.01 )  
**F02M 21/02** ( 2006.01 )  
**(31)** 2021900178 **(32)** 27.01.21 **(33)** AU  
**(43)** 11.08.2022  
**(72)** COTTON, Jack Legrant; MAY, Les  
**(74)** WRAYS PTY LTD

**(71)** Implantica Patent Ltd  
**(11)** AU-A-2022204717  
**(21)** 2022204717 **(22)** 30.06.2022  
**(54)** Apparatus for Treating Obesity  
**(51)** Int. Cl.  
**A61F 5/00** ( 2006.01 )  
**A61F 2/04** ( 2013.01 )  
**(43)** 11.08.2022  
**(62)** 2020239792  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** Implantica Patent Ltd  
**(11)** AU-A-2022204889  
**(21)** 2022204889 **(22)** 07.07.2022  
**(54)** Artificial Stomach  
**(51)** Int. Cl.  
**A61F 2/04** ( 2013.01 )  
**(43)** 11.08.2022  
**(62)** 2020230331  
**(72)** Forsell, Peter  
**(74)** WRAYS PTY LTD

**(71)** INCYTE HOLDINGS CORPORATION  
**(11)** AU-A-2022206693  
**(21)** 2022206693 **(22)** 18.07.2022  
**(54)** TREATMENT OF B-CELL MALIGNANCIES BY A COMBINATION JAK AND PI3K INHIBITOR  
**(51)** Int. Cl.  
**A61K 31/397** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/502** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**(43)** 11.08.2022  
**(62)** 2020213313  
**(72)** SCHERLE, Peggy A.; LIU, Xuesong  
**(74)** Houlihan2 Pty Ltd

**(71)** Innovation Fishing Pty Ltd  
**(11)** AU-A-2022200429  
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**(54)** Octopus Pot  
**(51)** Int. Cl.  
**A01K 69/06** ( 2006.01 )  
**A01M 23/20** ( 2006.01 )  
**A01M 23/18** ( 2006.01 )  
**(31)** 2021900146 **(32)** 22.01.21 **(33)** AU

**(43)** 11.08.2022  
**(72)** Cammilleri, Ross  
**(74)** Integrated IP

**(71)** Innovent Biologics (Suzhou) Co., Ltd.  
**(11)** AU-A-2022204817  
**(21)** 2022204817 **(22)** 05.07.2022  
**(54)** Fully Humanized Anti-B Cell Maturation Antigen (BCMA) Single-Chain Antibody and Use Thereof  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**C07K 14/725** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 15/12** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
**(43)** 11.08.2022  
**(62)** 2019214183  
**(72)** LI, Zhiyuan; ZHAI, Tianhang; ZHOU, Shuaixiang; YU, Dechao  
**(74)** MINTER ELLISON

**(71)** Insight Medical Systems, Inc.  
**(11)** AU-A-2022204673  
**(21)** 2022204673 **(22)** 30.06.2022  
**(54)** Systems and methods for sensory augmentation in medical procedures  
**(51)** Int. Cl.  
**A61B 34/00** ( 2016.01 )  
**A61B 34/10** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
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**(72)** RYAN, Matthew William; HARTMAN, Andrew Philip; MAYMAN, David Jacob; VAN DER WALT, Nicholas  
**(74)** AJ PARK

**(71)** Institute of Biotechnology, Xinjiang Academy of Animal Science (China-Australia Sheep Research Centre, Xinjiang Academy of Animal Science)  
**(11)** AU-A-2021273641  
**(21)** 2021273641 **(22)** 26.11.2021  
**(54)** NUCLEIC ACID, KIT, AND METHOD FOR BREEDING SHORT-TAILED SHEEP THROUGH HOMOLOGY-DIRECTED REPAIR (HDR)-MEDIATED GENE EDITING, AND USE THEREOF  
**(51)** Int. Cl.  
**A01K 67/02** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/90** ( 2006.01 )  
**(31)** CN202110087602.5 **(32)** 22.01.21 **(33)** CN  
**(43)** 11.08.2022  
**(72)** LIU, Mingjun; LI, Wenrong; HE, Sangang; PENG, Xinrong; LIU, Chenxi; LIU, Jinrui; ZHANG, Xuemei; HAN, Bing; LI, Zhonghui; MA, Yila  
**(74)** Infinity Intellectual Property Limited



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(11) AU-A-2022203465

(21) 2022203465 (22) 23.05.2022  
(54) Antigenic tripeptides derived from Mycobacterium avium subsp. paratuberculosis S-type strains, derivatives and uses thereof

(51) Int. Cl.  
C07K 5/087 ( 2006.01 )  
A61K 47/54 ( 2017.01 )  
A61K 47/60 ( 2017.01 )  
C07K 7/06 ( 2006.01 )  
G01N 33/569 ( 2006.01 )

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(62) 2017384673  
(72) BANNANTINE, John P.; ETIENNE, Gilles; BAY, Sylvie; BIET, Franck  
(74) Davies Collison Cave Pty Ltd

(71) Institut National de la Sante et de la Recherche Medicale (INSERM); Sorbonne Université; Centre National de la Recherche Scientifique; Gensight Biologics

(11) AU-A-2022205258  
(21) 2022205258 (22) 15.07.2022  
(54) Device for illuminating an object with a controlled light intensity and associated method

(51) Int. Cl.  
G02B 26/02 ( 2006.01 )  
A61N 5/06 ( 2006.01 )  
G02B 26/08 ( 2006.01 )  
G02F 1/01 ( 2006.01 )  
G02F 1/19 ( 2019.01 )

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(62) 2017285331  
(72) Chavas, Joël; Chenegros, Guillaume; Benosman, Benjamin R.  
(74) Davies Collison Cave Pty Ltd

Institut Pasteur see Institut National de la Recherche Agonomique (INRA)  
(21) 2022203465

(71) Janssen Oncology, Inc.  
(11) AU-A-2022206696  
(21) 2022206696 (22) 18.07.2022  
(54) Methods and compositions for treating cancer

(51) Int. Cl.  
A61P 35/00 ( 2006.01 )  
A61K 31/58 ( 2006.01 )  
A61K 45/06 ( 2006.01 )

(43) 11.08.2022  
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(72) BELLDEGRUN, Arie S.; AUERBACH, Alan H.  
(74) Spruson & Ferguson

(71) Jing, Z.  
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(21) 2021372956 (22) 08.12.2021

(54) An automatic packing film for a cotton picker

(51) Int. Cl.  
B65D 65/38 ( 2006.01 )

(31) 202120197701.4 (32) 25.01.21 (33) CN  
(43) 11.08.2022  
(72) Jing, Zhou  
(74) MOHAN MURALI KODIVEL

(71) Joy Global Underground Mining LLC

(11) AU-A-2022200568  
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(54) CHAIN CONVEYOR AND LINK FOR SAME

(51) Int. Cl.  
B65G 17/06 ( 2006.01 )  
B65G 17/24 ( 2006.01 )  
B65G 17/26 ( 2006.01 )  
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(31) 63/142,989 (32) 28.01.21 (33) US  
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(43) 11.08.2022  
(72) Hoover, Joseph Daniel; Johanningsmeier, Grant William; van Dyk, Dirk Johannes; Stewart, Christopher George; Patterson, Benjamin Scott  
(74) Griffith Hack

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

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(21) 2022200420

(71) KUBOTA CORPORATION

(11) AU-A-2021286243  
(21) 2021286243 (22) 13.12.2021  
(54) Front guard and work vehicle

(51) Int. Cl.  
B60R 19/38 ( 2006.01 )

(31) 17/156,965 (32) 25.01.21 (33) US  
(43) 11.08.2022  
(72) NADAOKA, Ryuichi; YONEKURA, Takahiro; UNDERWOOD, Daniel  
(74) Griffith Hack

(71) LAGUNA POOLS AND SPAS (VIC) PTY LTD

(11) AU-A-2021200313  
(21) 2021200313 (22) 19.01.2021  
(54) Laguna Skimmer 01

(51) Int. Cl.  
E04H 4/14 ( 2006.01 )  
E04H 4/12 ( 2006.01 )

(43) 11.08.2022  
(72) Fairbairn, Matthew; Maxton, Glenn  
(74) LAGUNA POOLS AND SPAS (VIC) PTY LTD

(71) LivePerson, Inc.  
(11) AU-A-2022206740

(21) 2022206740 (22) 20.07.2022  
(54) Authentication of service requests initiated from a social networking site

(51) Int. Cl.

G06Q 50/00 ( 2012.01 )  
G06Q 10/00 ( 2012.01 )  
H04L 29/06 ( 2006.01 )

(43) 11.08.2022  
(62) 2020203752  
(72) BARAK, Matan  
(74) Spruson & Ferguson

(71) Lymphact - Lymphocyte Activation Technologies S. A.

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(21) 2022205271 (22) 15.07.2022  
(54) Methods for the production of TCR gamma delta+ T cells

(51) Int. Cl.  
C12N 5/0783 ( 2010.01 )  
A61K 35/17 ( 2015.01 )

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(74) FB Rice Pty Ltd

(71) Mack Rides GmbH & Co. KG

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(54) METHOD OF OPERATING A RIDE AND A RIDE

(51) Int. Cl.  
A63G 33/00 ( 2006.01 )  
A63G 25/00 ( 2006.01 )  
A63G 31/00 ( 2006.01 )  
A63K 1/00 ( 2006.01 )

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(74) Franke Hyland Pty Ltd

(71) Maximum Soil and Water Productivity Pty Ltd

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(21) 2022206765 (22) 21.07.2022  
(54) Soil loosening and furrower assemblies and a bed renovator therefor

(51) Int. Cl.  
A01B 49/02 ( 2006.01 )  
A01B 13/08 ( 2006.01 )  
A01B 15/02 ( 2006.01 )  
A01C 5/06 ( 2006.01 )

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(72) Hamilton, Greg  
(74) Patentec Patent Attorneys

(71) Metso Sweden AB

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(21) 2021221602 (22) 25.08.2021  
(54) SUCTION LINER AND CENTRIFUGAL PUMP COMPRISING THE SAME

(51) Int. Cl.  
F04D 29/42 ( 2006.01 )  
F04D 7/04 ( 2006.01 )

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(72) TUOMISALO, Aki  
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(11) AU-A-2021200531  
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(54) Application System for Open Geospatial Consortium Data Conversion Standardization and Method Thereof  
(51) Int. Cl.  
G06N 3/08 ( 2006.01 )  
G06V 20/58 ( 2022.01 )  
G06V 40/10 ( 2022.01 )  
G08B 21/00 ( 2006.01 )  
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(74) A.P.T. Patent and Trade Mark Attorneys
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(11) AU-A-2021200532  
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(54) Visualization System Based on Artificial Intelligence Inference and Method Thereof  
(51) Int. Cl.  
G06T 11/20 ( 2006.01 )  
G06N 3/02 ( 2006.01 )  
G06T 11/60 ( 2006.01 )  
G06F 3/048 ( 2013.01 )  
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(74) A.P.T. Patent and Trade Mark Attorneys
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(54) Streaming System for Artificial Internet of Things and Method Thereof  
(51) Int. Cl.  
H04W 4/14 ( 2009.01 )  
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(74) A.P.T. Patent and Trade Mark Attorneys
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H01M 50/50 ( 2021.01 )  
H01M 10/44 ( 2006.01 )  
H02J 7/00 ( 2006.01 )  
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(43) 11.08.2022  
(72) Hu, Guiwu  
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(51) Int. Cl.  
A24F 47/00 ( 2020.01 )  
A61M 11/04 ( 2006.01 )  
A61M 15/06 ( 2006.01 )  
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F24H 9/06 ( 2006.01 )  
F16B 12/10 ( 2006.01 )  
F24H 9/02 ( 2006.01 )  
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(72) Kawano, Keita  
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(51) Int. Cl.  
G01S 17/08 ( 2006.01 )  
G01B 11/02 ( 2006.01 )  
G01C 3/24 ( 2006.01 )  
G06F 17/10 ( 2006.01 )  
(31) 17/156,521 (32) 22.01.21 (33) US  
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(51) Int. Cl.  
G06Q 50/08 ( 2012.01 )  
G01B 11/14 ( 2006.01 )  
G01S 17/08 ( 2006.01 )  
G01S 17/48 ( 2006.01 )  
G06F 3/01 ( 2006.01 )  
G06F 17/10 ( 2006.01 )  
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(21) 2022205255 (22) 15.07.2022  
(54) Seed delivery apparatus, systems, and methods  
(51) Int. Cl.
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A01C 7/00 ( 2006.01 )  
A01C 7/04 ( 2006.01 )  
A01C 7/16 ( 2006.01 )  
A01C 7/18 ( 2006.01 )  
A01C 7/20 ( 2006.01 )  
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(51) Int. Cl.  
G02B 6/44 ( 2006.01 )  
C03C 25/104 ( 2018.01 )  
C03C 25/1065 ( 2018.01 )  
C03C 25/18 ( 2006.01 )  
C03C 25/285 ( 2018.01 )  
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(51) Int. Cl.  
H02J 15/00 ( 2006.01 )  
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(54) New dishwashing machine and method  
(51) Int. Cl.  
A47L 15/00 ( 2006.01 )  
C11D 11/00 ( 2006.01 )  
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(21) 2022200487 (22) 26.01.2022  
(54) AN ALTERNATOR DEVICE WITH VARIABLE POWER SETTINGS  
(51) Int. Cl.  
H02P 9/00 ( 2006.01 )  
G01R 19/00 ( 2006.01 )  
H02H 3/30 ( 2006.01 )  
H02H 7/06 ( 2006.01 )

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**H02P 9/10** ( 2006.01 )  
**H02P 9/38** ( 2006.01 )  
**H02M 7/04** ( 2006.01 )  
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**(43)** 11.08.2022  
**(72)** RES, Giuliano  
**(74)** Walsh & Associates

**(71)** Royal Bank of Canada  
**(11)** AU-A-2022206741  
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**(54)** Electronic document platform  
**(51)** Int. Cl.  
**G06Q 40/04** ( 2012.01 )  
**G06F 16/18** ( 2019.01 )  
**G06Q 40/02** ( 2012.01 )  
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**(74)** FB Rice Pty Ltd

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**(54)** SYSTEMS AND METHODS FOR DATA TRANSFER FOR COMPUTATIONAL STORAGE DEVICES  
**(51)** Int. Cl.  
**G06F 12/02** ( 2006.01 )  
**G06F 12/08** ( 2016.01 )  
**G06F 13/16** ( 2006.01 )  
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**(74)** Phillips Ormonde Fitzpatrick

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**(54)** REFRIGERATOR  
**(51)** Int. Cl.  
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**(72)** Park, Sungdeuk; Kwon, Youngmin; Nam, Jeongman; Kim, Seongwoo; Yoon, Seungho; Jeong, Hojun  
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**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2022206716  
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**(54)** REFRIGERATOR  
**(51)** Int. Cl.  
**F25D 11/02** ( 2006.01 )  
**F25D 23/02** ( 2006.01 )

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**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2022206717  
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**(54)** REFRIGERATOR  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
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**(72)** Lee, Cho Min; Kim, Byoung Mok; Lee, Eun Gu; Lee, Jeong Hyun; Kim, Dong Yeong; Choi, Min Seok; Gu, Yang Yeol; Kim, Ae Ryun; Shin, Youn Tae; Lee, Dong Hyun; Lee, Seon Ju; Lee, Jae Min  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2022206718  
**(21)** 2022206718 **(22)** 19.07.2022  
**(54)** REFRIGERATOR AND HOME APPLIANCE  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
**F25D 11/00** ( 2006.01 )  
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**(72)** Lee, Chomin; Gu, Yangyeol; Kim, Dongyeong; Kim, Byoungmok; Kim, Yonghan; Park, Taecheol; Seo, Yongman; Song, Jinyoung; Shin, Yountae; Yang, Byungkwan  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2022206719  
**(21)** 2022206719 **(22)** 19.07.2022  
**(54)** REFRIGERATOR AND HOME APPLIANCE  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
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**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Samsung Electronics Co., Ltd.  
**(11)** AU-A-2022206720  
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**(54)** REFRIGERATOR AND HOME APPLIANCE  
**(51)** Int. Cl.  
**F25D 23/02** ( 2006.01 )  
**F25D 11/00** ( 2006.01 )

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**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Sentinel Roof Mounted Systems Pty Ltd  
**(11)** AU-A-2022200438  
**(21)** 2022200438 **(22)** 24.01.2022  
**(54)** Accessories for a roof rack storage unit  
**(51)** Int. Cl.  
**B60R 9/042** ( 2006.01 )  
**B60R 9/08** ( 2006.01 )  
**(31)** 2021900185 **(32)** 28.01.21 **(33)** AU  
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**(72)** Barham, Charles Rupert Deakin  
**(74)** Michael Buck IP

**(71)** Shandong Alesmart Intelligent Technology Co., Ltd.  
**(11)** AU-A-2021266203  
**(21)** 2021266203 **(22)** 09.11.2021  
**(54)** Semantic laser-based multilevel obstacle avoidance system and method for mobile robot  
**(51)** Int. Cl.  
**G01S 17/931** ( 2020.01 )  
**B25J 9/16** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
**B25J 13/08** ( 2006.01 )  
**G01S 17/04** ( 2020.01 )  
**G01S 17/89** ( 2020.01 )  
**G05D 1/02** ( 2020.01 )  
**(31)** 2021100984763 **(32)** 25.01.21 **(33)** CN  
**(43)** 11.08.2022  
**(72)** Zhou, Jun; Song, Kai; Wu, Di; Meng, Guanghui; Zhou, Huazhang; Zhao, Yifan; Yang, Zibing  
**(74)** Spruson & Ferguson

**(71)** Sharp Kabushiki Kaisha; FG Innovation Company Limited  
**(11)** AU-A-2022206736  
**(21)** 2022206736 **(22)** 20.07.2022  
**(54)** An image decoding apparatus  
**(51)** Int. Cl.  
**H04N 19/119** ( 2014.01 )  
**H04N 19/157** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/70** ( 2014.01 )  
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**(62)** 2017377490  
**(72)** Yasugi, Yukinobu; Aono, Tomoko; Ikai, Tomohiro  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Shenzhen Hightide Biopharmaceutical Ltd.  
**(11)** AU-A-2022206685  
**(21)** 2022206685 **(22)** 18.07.2022  
**(54)** SOLID FORMS OF BERBERINE URSOODEOXYCHOLATE AND COMPOSITIONS AND METHODS THEREOF  
**(51)** Int. Cl.

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**A61K 31/4375** ( 2006.01 )  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Shire Human Genetic Therapies, Inc.  
**(11)** AU-A-2022204907  
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**A61K 9/127** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/88** ( 2006.01 )  
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**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** SignPath Pharma, Inc.  
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**C07F 9/02** ( 2006.01 )  
**A61K 31/225** ( 2006.01 )  
**A61K 31/66** ( 2006.01 )  
**A61K 31/683** ( 2006.01 )  
**C07F 9/06** ( 2006.01 )  
**C07F 9/09** ( 2006.01 )

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**(72)** Bouchard, Annie; McChesney, James; Kappusamy, Saravanan; Angustine, John Kallikat; Levy, Daniel Emil  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** SKC Co., Ltd.  
**(11)** AU-A-2021202635  
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**(54)** Polyester film, preparation method thereof and method for reproducing polyethyleneterephthalate container using same

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**C08J 5/18** ( 2006.01 )  
**B29B 17/00** ( 2006.01 )  
**B29B 17/04** ( 2006.01 )  
**B29C 55/00** ( 2006.01 )  
**C08G 63/183** ( 2006.01 )  
**C08J 11/12** ( 2006.01 )  
**C08L 67/02** ( 2006.01 )

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**(72)** YANG, Joo Ho; KIM, Chul Kyu; KIM, Yong Deuk  
**(74)** FB Rice Pty Ltd

**(71)** Snap-on Incorporated  
**(11)** AU-A-2022200294  
**(21)** 2022200294 **(22)** 18.01.2022  
**(54)** TOOL WITH SURFACES WITH A COMPRESSIVE SURFACE STRESS LAYER  
**(51)** Int. Cl.  
**B25B 13/46** ( 2006.01 )  
**B25B 17/00** ( 2006.01 )

**(31)** 17/158,551 **(32)** 26.01.21 **(33)** US  
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**(72)** KUTER-ARNEBECK, Otteleo; ROSS, David T.  
**(74)** Griffith Hack

**(71)** Snap-on Incorporated  
**(11)** AU-A-2022200325  
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**(54)** HIGH LEVERAGE LOCKING PLIERS  
**(51)** Int. Cl.  
**B25B 7/12** ( 2006.01 )  
**B25B 7/16** ( 2006.01 )

**(31)** 17/161,010 **(32)** 28.01.21 **(33)** US  
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**(72)** EGGERT, Daniel M.; MOYER, Douglas  
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**(71)** Snap-on Incorporated  
**(11)** AU-A-2022206731  
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**(54)** Non-marring panel remover  
**(51)** Int. Cl.  
**B25B 27/00** ( 2006.01 )  
**B66F 15/00** ( 2006.01 )

**(43)** 11.08.2022  
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**(72)** SCHULZ, Ben T.  
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**(71)** State Grid Henan Electric Power Research Institute; Huazhong University of Science and Technology  
**(11)** AU-A-2021282558  
**(21)** 2021282558 **(22)** 30.07.2021  
**(54)** An energy storage transient power coordinated control method for restraining subsequent commutation failures  
**(51)** Int. Cl.  
**H02M 7/00** ( 2006.01 )

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**(74)** Tecrich IP

**(71)** State of Victoria as represented by Department of Transport; Federation University Australia  
**(11)** AU-A-2022206706

**(21)** 2022206706 **(22)** 18.07.2022  
**(54)** Restraint System for Mobility Device Passengers on Public Transport Vehicles  
**(51)** Int. Cl.  
**B60R 21/00** ( 2006.01 )  
**(43)** 11.08.2022  
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**(74)** Argon IP Advisory Pty Ltd

**(71)** STEVE LEIGH & ASSOCIATES LTD.  
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**(54)** A Water Fitting Housing  
**(51)** Int. Cl.  
**E03C 1/10** ( 2006.01 )  
**F16K 1/52** ( 2006.01 )  
**(31)** 2100907.1 **(32)** 22.01.21 **(33)** GB  
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**(72)** LEIGH, Stephen John  
**(74)** Adams Pluck

**(71)** Superior Pak Holdings Pty Ltd  
**(11)** AU-A-2022204440  
**(21)** 2022204440 **(22)** 23.06.2022  
**(54)** IMPROVEMENTS TO SIDE LOADING WASTE COLLECTION VEHICLES  
**(51)** Int. Cl.  
**B65F 3/20** ( 2006.01 )  
**(43)** 11.08.2022  
**(62)** 2017200808  
**(72)** ERRINGTON, Rowley; PRONGER, Michael  
**(74)** Wynnes Patent and Trade Mark Attorneys Pty Ltd

**(71)** Syncpro Co., Ltd.  
**(11)** AU-A-2021258064  
**(21)** 2021258064 **(22)** 29.10.2021  
**(54)** Blind lifting device and a blind lifting control module thereof  
**(51)** Int. Cl.  
**E06B 9/42** ( 2006.01 )  
**E06B 9/78** ( 2006.01 )  
**(31)** 110103296 **(32)** 28.01.21 **(33)** TW  
**(43)** 11.08.2022  
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**(74)** FB Rice Pty Ltd

**(71)** Taskpower NZ Limited  
**(11)** AU-A-2021290203  
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**(51)** Int. Cl.  
**B27L 7/06** ( 2006.01 )  
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**(72)** SMITH, Christopher Alan; OLDHAM, Wesley David; CUNNINGHAM, Edward Phillip  
**(74)** P.L. Berry & Associates Ltd

**(71)** Terra Quantum AG  
**(11)** AU-A-2022200387

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 (54) METHOD AND SYSTEM FOR QUANTUM KEY DISTRIBUTION  
 (51) Int. Cl.  
*H04L 9/08* ( 2006.01 )  
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(71) Teva Pharmaceuticals International GmbH  
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*A61K 9/00* ( 2006.01 )  
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The United States of America, as represented by the Secretary of Agriculture see Institut National de la Recherche Agonomique (INRA)  
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 (11) AU-A-2022200396  
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*B60W 60/00* ( 2020.01 )  
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*B62D 6/02* ( 2006.01 )  
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 (72) Miranda, Paulo; Desmoineaux, Nicolas; Vallot, Laurent; Gaget, Aurélien; Choquet, Laurianne  
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*B60T 8/17* ( 2006.01 )  
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TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Ganymed Pharmaceuticals GmbH  
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UNIVERSITY OF IOWA RESEARCH FOUNDATION see CASE WESTERN RESERVE UNIVERSITY  
 (21) 2022205248

UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER see CASE WESTERN RESERVE UNIVERSITY  
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 (72) NEITZ, Jay; KUCHENBECKER, James; NEITZ, Maureen  
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Vo, T. see Burgis, W.  
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(71) Wix.com Ltd.  
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 (54) System and method for implementing containers which extract and apply semantic page knowledge  
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YALE UNIVERSITY see ARVINAS OPERATIONS, INC.  
 (21) 2022206739

(71) Zhejiang Orient Gene Biotech Co., Ltd  
 (11) AU-A-2022200436  
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Applications Open to Public Inspection - Name Index cont'd

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Numerical Index

<b>2021200313</b>	LAGUNA POOLS AND SPAS (VIC) PTY LTD	<b>2022205248</b>	CASE WESTERN RESERVE UNIVERSITY; UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER; UNIVERSITY OF IOWA RESEARCH FOUNDATION
<b>2021200497</b>	Day, L.	<b>2022205254</b>	E. I. du Pont de Nemours and Company
<b>2021200531</b>	Mitac Information Technology Corp.	<b>2022205255</b>	Precision Planting LLC
<b>2021200532</b>	Mitac Information Technology Corp.	<b>2022205256</b>	Anuncia, Inc
<b>2021200533</b>	Mitac Information Technology Corp.	<b>2022205258</b>	Institut National de la Sante et de la Recherche Medicale (INSERM); Sorbonne Université; Centre National de la Recherche Scientifique; Gensight Biologics
<b>2021200537</b>	Chevron U.S.A. Inc	<b>2022205259</b>	BEDGEAR, LLC
<b>2021200539</b>	BLOCKAID PTY LTD	<b>2022205260</b>	BEDGEAR, LLC
<b>2021202635</b>	SKC Co., Ltd.	<b>2022205264</b>	Dejero Labs Inc.
<b>2021203586</b>	Hanwha Defense Co., Ltd.	<b>2022205269</b>	Hangzhou DAC Biotech Co., Ltd
<b>2021204309</b>	PXiSE Energy Solutions, LLC	<b>2022205270</b>	Angel Group Co., Ltd.
<b>2021218023</b>	Apparatus LLC	<b>2022205271</b>	Lymphact - Lymphocyte Activation Technologies S. A.
<b>2021218241</b>	Fox Guard IP Pty Ltd	<b>2022205272</b>	Block, Inc.
<b>2021221462</b>	Davidson, C.	<b>2022205275</b>	SignPath Pharma, Inc.
<b>2021221602</b>	Metso Sweden AB	<b>2022206452</b>	Duke University
<b>2021225223</b>	Paloma Co., Ltd.	<b>2022206685</b>	Shenzhen Hightide Biopharmaceutical Ltd.
<b>2021240155</b>	Beijing Baidu Netcom Science Technology Co., Ltd.	<b>2022206686</b>	University of Washington
<b>2021240156</b>	Beijing Baidu Netcom Science Technology Co., Ltd.	<b>2022206687</b>	Ab Initio Technology LLC
<b>2021257979</b>	Burgis, W.; Burgis, A.; Vo, T.	<b>2022206693</b>	INCYTE HOLDINGS CORPORATION
<b>2021258064</b>	Syncproto Co., Ltd.	<b>2022206695</b>	Teva Pharmaceuticals International GmbH
<b>2021266203</b>	Shandong Alesmart Intelligent Technology Co., Ltd.	<b>2022206696</b>	Janssen Oncology, Inc.
<b>2021273641</b>	Institute of Biotechnology, Xinjiang Academy of Animal Science (China-Australia Sheep Research Centre, Xinjiang Academy of Animal Science)	<b>2022206699</b>	Reckitt Benckiser Finish B.V.
<b>2021282384</b>	ENSIGN INFOSECURITY PTE. LTD.	<b>2022206702</b>	Eli Lilly and Company
<b>2021282558</b>	State Grid Henan Electric Power Research Institute; Huazhong University of Science and Technology	<b>2022206704</b>	Translate Bio MA, Inc.
<b>2021286243</b>	KUBOTA CORPORATION	<b>2022206706</b>	State of Victoria as represented by Department of Transport; Federation University Australia
<b>2021290203</b>	Taskpower NZ Limited	<b>2022206709</b>	Theravida, Inc.
<b>2021290357</b>	Deere & Company	<b>2022206711</b>	Ganymed Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH; BioNTech SE
<b>2021372956</b>	Jing, Z.	<b>2022206714</b>	Wix.com Ltd.
<b>2022200070</b>	CATERPILLAR INC.	<b>2022206715</b>	Samsung Electronics Co., Ltd.
<b>2022200194</b>	Prysmian S.p.A.	<b>2022206716</b>	Samsung Electronics Co., Ltd.
<b>2022200198</b>	CATERPILLAR INC.	<b>2022206717</b>	Samsung Electronics Co., Ltd.
<b>2022200271</b>	Wonderland Switzerland AG	<b>2022206718</b>	Samsung Electronics Co., Ltd.
<b>2022200294</b>	Snap-on Incorporated	<b>2022206719</b>	Samsung Electronics Co., Ltd.
<b>2022200319</b>	Samsung Electronics Co., Ltd.	<b>2022206720</b>	Samsung Electronics Co., Ltd.
<b>2022200325</b>	Snap-on Incorporated	<b>2022206726</b>	Samsung Electronics Co., Ltd.
<b>2022200327</b>	STEVE LEIGH & ASSOCIATES LTD.	<b>2022206728</b>	Bruin Biometrics LLC
<b>2022200334</b>	Panosian, M.H.; Keeler, J.M.	<b>2022206731</b>	Nicoventures Trading Limited
<b>2022200339</b>	Alchin Long Group IP Pty Limited	<b>2022206736</b>	Snap-on Incorporated
<b>2022200387</b>	Terra Quantum AG	<b>2022206736</b>	Sharp Kabushiki Kaisha; FG Innovation Company Limited
<b>2022200396</b>	TRANSDEV GROUP INNOVATION	<b>2022206739</b>	ARVINAS OPERATIONS, INC.; YALE UNIVERSITY
<b>2022200401</b>	TRANSDEV GROUP INNOVATION	<b>2022206740</b>	LivePerson, Inc.
<b>2022200404</b>	Mack Rides GmbH & Co. KG	<b>2022206741</b>	Royal Bank of Canada
<b>2022200420</b>	Panosian, M.H.; Keeler, J.M.	<b>2022206742</b>	Goldman Sachs & Co. LLC
<b>2022200429</b>	Innovation Fishing Pty Ltd	<b>2022206743</b>	Dexcom, Inc.
<b>2022200436</b>	Zhejiang Orient Gene Biotech Co., Ltd	<b>2022206744</b>	Dexcom, Inc.
<b>2022200438</b>	Sentinel Roof Mounted Systems Pty Ltd	<b>2022206765</b>	Maximum Soil and Water Productivity Pty Ltd
<b>2022200447</b>	WONDERLAND SWITZERLAND AG		
<b>2022200460</b>	Bambino Prezioso Switzerland AG		
<b>2022200468</b>	Nanjing Chervon Industry Co., Ltd.		
<b>2022200473</b>	Böme S.r.l.		
<b>2022200487</b>	RES, G.		
<b>2022200512</b>	Aristocrat Technologies, Inc.		
<b>2022200536</b>	Aristocrat Technologies, Inc.		
<b>2022200539</b>	Hydrogen Partners Pty Ltd		
<b>2022200568</b>	Joy Global Underground Mining LLC		
<b>2022203465</b>	Institut National de la Recherche Agronomique (INRA); Institut Pasteur; The United States of America, as represented by the Secretary of Agriculture		
<b>2022204440</b>	Superior Pak Holdings Pty Ltd		
<b>2022204673</b>	Insight Medical Systems, Inc.		
<b>2022204717</b>	Implantica Patent Ltd		
<b>2022204817</b>	Innovent Biologics (Suzhou) Co., Ltd.		
<b>2022204835</b>	Bayer CropScience LP		
<b>2022204889</b>	Implantica Patent Ltd		
<b>2022204907</b>	Shire Human Genetic Therapies, Inc.		

IPC Index

<b>A01B 13 /-</b> 2022206765	<b>A61G 7 /-</b> 2022205259 2022205260	<b>A63G 31 /-</b> 2022200404	<b>B60W 10 /-</b> 2022200401	<b>C07D 471 /-</b> 2022206739	<b>E03D 9 /-</b> 2021257979
<b>A01B 15 /-</b> 2022206765	<b>A61K 31 /-</b> 2022205248 2022205275	<b>A63G 33 /-</b> 2022200404	<b>B60W 30 /-</b> 2022200401	<b>C07D 487 /-</b> 2022206702	<b>E04B 2 /-</b> 2021200539
<b>A01B 49 /-</b> 2022206765	<b>A61K 31 /-</b> 2022206685 2022206693	<b>A63K 1 /-</b> 2022200404	<b>B60W 50 /-</b> 2022200396 2022200401	<b>C07D 495 /-</b> 2022205248	<b>E04C 5 /-</b> 2021200539
<b>A01B 79 /-</b> 2021290357	<b>A61K 31 /-</b> 2022206695 2022206696	<b>B24D 15 /-</b> 2021221462	<b>B60W 60 /-</b> 2022200396 2022200401	<b>C07F 9 /-</b> 2022205275	<b>E04H 4 /-</b> 2021200313
<b>A01C 5 /-</b> 2021290357 2022206765	<b>A61K 35 /-</b> 2022205271	<b>B25B 13 /-</b> 2022200294	<b>B62B 7 /-</b> 2022200271	<b>C07K 14 /-</b> 2022204817	<b>E05B 27 /-</b> 2022200339
<b>A01C 7 /-</b> 2022205255	<b>A61K 39 /-</b> 2022206711	<b>B25B 17 /-</b> 2022200294	<b>B62D 15 /-</b> 2022200396	<b>C07K 16 /-</b> 2022204817	<b>E05B 57 /-</b> 2022200339
<b>A01K 67 /-</b> 2021273641	<b>A61K 45 /-</b> 2022206696	<b>B25B 27 /-</b> 2022206731	<b>B62D 55 /-</b> 2021203586	<b>C07K 19 /-</b> 2022204817	<b>E05B 65 /-</b> 2022200339
<b>A01K 69 /-</b> 2022200429	<b>A61K 47 /-</b> 2022203465 2022205269	<b>B25B 7 /-</b> 2022200325	<b>B62D 6 /-</b> 2022200396	<b>C07K 5 /-</b> 2022203465	<b>E05B 73 /-</b> 2021218241
<b>A01M 23 /-</b> 2022200429	<b>A61K 47 /-</b> 2022205269 2022206704	<b>B25J 11 /-</b> 2021266203	<b>B65D 65 /-</b> 2021372956	<b>C07K 7 /-</b> 2022203465	<b>E05B 9 /-</b> 2022200339
<b>A01N 63 /-</b> 2022204835	<b>A61K 48 /-</b> 2022206704	<b>B25J 13 /-</b> 2021266203	<b>B65D 81 /-</b> 2022200436	<b>C08G 63 /-</b> 2021202635	<b>E05C 3 /-</b> 2022200339
<b>A24F 47 /-</b> 2022206728	<b>A61K 9 /-</b> 2022204907 2022206695	<b>B25J 9 /-</b> 2021266203	<b>B65D 85 /-</b> 2022200436	<b>C08J 11 /-</b> 2021202635	<b>E06B 9 /-</b> 2021258064
<b>A41F 1 /-</b> 2021218023	<b>A61M 11 /-</b> 2022206728	<b>B27L 7 /-</b> 2021290203	<b>B65F 3 /-</b> 2022204440	<b>C08J 5 /-</b> 2021202635	<b>F02B 43 /-</b> 2022200539
<b>A44B 99 /-</b> 2021218023	<b>A61M 15 /-</b> 2022206728	<b>B29B 17 /-</b> 2021202635	<b>B65G 17 /-</b> 2022200568	<b>C08K 5 /-</b> 2022205254	<b>F02M 21 /-</b> 2022200539
<b>A47C 21 /-</b> 2022205259 2022205260	<b>A61M 27 /-</b> 2022205256	<b>B29C 55 /-</b> 2021202635	<b>B65G 19 /-</b> 2022200568	<b>C08L 67 /-</b> 2021202635	<b>F02M 25 /-</b> 2022200539
<b>A47G 27 /-</b> 2021218023	<b>A61N 1 /-</b> 2022206452	<b>B29C 65 /-</b> 2021221462	<b>B66F 15 /-</b> 2022206731	<b>C11D 11 /-</b> 2022206699	<b>F04D 29 /-</b> 2021221602
<b>A47L 15 /-</b> 2022206699	<b>A61N 5 /-</b> 2022205258	<b>B60B 29 /-</b> 2022200447	<b>C03C 25 /-</b> 2022200194	<b>C12N 15 /-</b> 2021273641 2022204817	<b>F04D 7 /-</b> 2021221602
<b>A61B 18 /-</b> 2022206726	<b>A61P 25 /-</b> 2022206695	<b>B60D 1 /-</b> 2021200497	<b>C05F 11 /-</b> 2022204835	<b>C12N 5 /-</b> 2022205271	<b>F16B 12 /-</b> 2021225223
<b>A61B 34 /-</b> 2022204673	<b>A61P 35 /-</b> 2022204817 2022206693	<b>B60H 1 /-</b> 2022200070	<b>C07D 213 /-</b> 2022206702	<b>C12R 1 /-</b> 2022204835	<b>F16K 1 /-</b> 2022200327
<b>A61B 5 /-</b> 2022206726 2022206743 2022206744	<b>A61P 37 /-</b> 2022204817	<b>B60N 2 /-</b> 2022200460	<b>C07D 239 /-</b> 2022206702	<b>C25B 1 /-</b> 2022200539	<b>F16L 53 /-</b> 2022200473
<b>A61B 90 /-</b> 2022204673	<b>A61Q 15 /-</b> 2022206709	<b>B60R 1 /-</b> 2022200198	<b>C07D 401 /-</b> 2022206739	<b>C25B 15 /-</b> 2022200539	<b>F24H 9 /-</b> 2021225223
<b>A61F 2 /-</b> 2022204717 2022204889	<b>A63F 3 /-</b> 2022205270	<b>B60R 19 /-</b> 2021286243	<b>C07D 403 /-</b> 2022206739	<b>C25B 9 /-</b> 2022200539	<b>F24S 40 /-</b> 2022200473
<b>A61F 5 /-</b> 2022204717	<b>A63G 25 /-</b> 2022200404	<b>B60R 21 /-</b> 2022206706	<b>C07D 417 /-</b> 2022206739	<b>E03B 7 /-</b> 2022200473	<b>F25D 11 /-</b> 2022206715 2022206716 2022206718 2022206719 2022206720
		<b>B60R 9 /-</b> 2022200438	<b>C07D 455 /-</b> 2022206685	<b>E03C 1 /-</b> 2022200327	<b>F25D 21 /-</b> 2022206717



Applications Open to Public Inspection - IPC Index cont'd

<b><u>F25D 23 /-</u></b> 2022206715 2022206716 2022206717 2022206718 2022206719 2022206720	<b><u>G06F 3 /-</u></b> 2021200532 2022200420	<b><u>H01M 50 /-</u></b> 2022200468
<b><u>G01B 11 /-</u></b> 2021200537 2022200334 2022200420	<b><u>G06F 40 /-</u></b> 2022206687 2022206714	<b><u>H02H 3 /-</u></b> 2022200487
<b><u>G01C 3 /-</u></b> 2022200334	<b><u>G06F 9 /-</u></b> 2022206744	<b><u>H02H 7 /-</u></b> 2022200487
<b><u>G01N 27 /-</u></b> 2022206743	<b><u>G06N 10 /-</u></b> 2021240155 2021240156	<b><u>H02H 9 /-</u></b> 2022200487
<b><u>G01N 33 /-</u></b> 2022200436 2022203465 2022204817 2022204907 2022206711 2022206743	<b><u>G06N 20 /-</u></b> 2021282384	<b><u>H02J 15 /-</u></b> 2021204309
<b><u>G01R 19 /-</u></b> 2022200487	<b><u>G06N 3 /-</u></b> 2021200531 2021200532 2021282384	<b><u>H02J 7 /-</u></b> 2022200468
<b><u>G01S 17 /-</u></b> 2021266203 2022200334 2022200420	<b><u>G06Q 10 /-</u></b> 2022206740	<b><u>H02M 7 /-</u></b> 2021282558 2022200487
<b><u>G01V 1 /-</u></b> 2021200537	<b><u>G06Q 30 /-</u></b> 2022205272	<b><u>H02P 9 /-</u></b> 2022200487
<b><u>G02B 26 /-</u></b> 2022205258	<b><u>G06Q 40 /-</u></b> 2022206741 2022206742	<b><u>H04L 29 /-</u></b> 2022206740
<b><u>G02B 6 /-</u></b> 2022200194	<b><u>G06Q 50 /-</u></b> 2022200420 2022205272 2022206740	<b><u>H04L 61 /-</u></b> 2021282384
<b><u>G02C 7 /-</u></b> 2022206686	<b><u>G06T 11 /-</u></b> 2021200532	<b><u>H04L 9 /-</u></b> 2022200387
<b><u>G02F 1 /-</u></b> 2022205258	<b><u>G06T 15 /-</u></b> 2022200198	<b><u>H04N 13 /-</u></b> 2022200198
<b><u>G05D 1 /-</u></b> 2021266203	<b><u>G06T 17 /-</u></b> 2022200198	<b><u>H04N 19 /-</u></b> 2022206736
<b><u>G05D 23 /-</u></b> 2022200473	<b><u>G06T 19 /-</u></b> 2022200198	<b><u>H04N 21 /-</u></b> 2022205264
<b><u>G06F 12 /-</u></b> 2022200319	<b><u>G06T 7 /-</u></b> 2022200198	<b><u>H04W 4 /-</u></b> 2021200533
<b><u>G06F 13 /-</u></b> 2022200319	<b><u>G06V 20 /-</u></b> 2021200531	<b>No IPC Mark</b>
<b><u>G06F 16 /-</u></b> 2021200533 2022206741	<b><u>G06V 40 /-</u></b> 2021200531	
<b><u>G06F 17 /-</u></b> 2022200334 2022200420	<b><u>G07F 17 /-</u></b> 2022200512 2022200536 2022205270	
<b><u>G06F 21 /-</u></b> 2022206744	<b><u>G08B 13 /-</u></b> 2021218241	
	<b><u>G08B 21 /-</u></b> 2021200531	
	<b><u>H01M 10 /-</u></b> 2022200468	

**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.)

<p>(71) Aero Innovations LLC                      (11) AU-A-2022100087                      (21) 2022100087 (22) 05.07.2022                      (54) SYSTEMS AND METHODS OF RETROFITTING AN AIRCRAFT ENGINE TO AN AIRCRAFT                      (51) Int. Cl.  <i>B64D 27/26</i> ( 2006.01 )  <i>B64C 1/16</i> ( 2006.01 )  <i>B64D 27/14</i> ( 2006.01 )  <i>B64D 29/06</i> ( 2006.01 )  <i>B64F 5/50</i> ( 2017.01 )  <i>F16M 5/00</i> ( 2006.01 )                      (45) 11.08.2022                      (62) 2020383683                      (72) Mills, James M.                      (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(45) 11.08.2022                      (62) 2021106849                      (72) Jayasena, Vijay; Eislers, Shaun; Lumanlan, Jane                      (74) IP Guardian Pty Ltd</p>	<p><i>H01R 13/508</i> ( 2006.01 )  <i>H01R 13/514</i> ( 2006.01 )  <i>H01R 13/516</i> ( 2006.01 )  <i>H01R 13/518</i> ( 2006.01 )  <i>H01R 13/70</i> ( 2006.01 )  <i>H01R 13/73</i> ( 2006.01 )  <i>H02G 3/08</i> ( 2006.01 )  <i>H02G 3/10</i> ( 2006.01 )  <i>H05K 5/02</i> ( 2006.01 )  <i>H01R 9/24</i> ( 2006.01 )  <i>H01R 9/26</i> ( 2006.01 )  <i>H05K 7/14</i> ( 2006.01 )                      (31) 2016901602 (32) 02.05.16 (33) AU                      (45) 11.08.2022                      (72) Juhasz, Elizabeth Tunde; Wickens, Iain                      (74) Madderns Pty Ltd</p>
<p>(71) Apple Inc.                      (11) AU-A-2022100096                      (21) 2022100096 (22) 21.07.2022                      (54) Force-activated earphone                      (51) Int. Cl.  <i>H04R 1/10</i> ( 2006.01 )  <i>G06F 3/01</i> ( 2006.01 )  <i>H03K 17/96</i> ( 2006.01 )                      (45) 11.08.2022                      (62) 2021107568                      (72) HARJEE, Nahid; TWEHUES, Brian R.; SONGATIKAMAS, Teera                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Canva Pty Ltd                      (11) AU-A-2022100086                      (21) 2022100086 (22) 29.06.2022                      (54) Systems and methods for automatically adjusting design element attributes                      (51) Int. Cl.  <i>G06T 11/00</i> ( 2006.01 )  <i>G06T 7/90</i> ( 2017.01 )  <i>G06T 11/60</i> ( 2006.01 )                      (45) 11.08.2022                      (62) PCT/AU2021/050090                      (72) Surjadi, Desiree; Mohammed, Inkesar Ali Mudassar; Martin, Tristan                      (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Snap-on Incorporated                      (11) AU-A-2020104481                      (21) 2020104481 (22) 04.05.2020                      (54) Tool with teeth in slot                      (51) Int. Cl.  <i>B25B 7/14</i> ( 2006.01 )  <i>B25B 7/10</i> ( 2006.01 )                      (45) 11.08.2022                      (62) 2018222988                      (72) MOYER, Douglas A.; JEFFREY, Arendt M.                      (74) Griffith Hack</p>
<p>(71) Brown, J.                      (11) AU-A-2021107664                      (21) 2021107664 (22) 26.07.2021                      (54) Magnetically Powered Motor                      (51) Int. Cl.  <i>H02K 53/00</i> ( 2006.01 )  <i>H02K 1/17</i> ( 2006.01 )  <i>H02K 1/2795</i> ( 2022.01 )  <i>H02K 49/10</i> ( 2006.01 )  <i>H02N 11/00</i> ( 2006.01 )                      (45) 11.08.2022                      (72) Brown, John                      (74) Golja Haines &amp; Friend</p>	<p>(71) Philipou, E.                      (11) AU-A-2018102242                      (21) 2018102242 (22) 14.08.2018                      (54) Employment management system                      (51) Int. Cl.  <i>G06Q 10/10</i> ( 2012.01 )  <i>G06Q 10/06</i> ( 2012.01 )                      (31) 2017903263 (32) 15.08.17 (33) AU                      (45) 11.08.2022                      (72) PHILIPOU, Elias                      (74) KINGS PATENT &amp; TRADE MARKS ATTORNEYS PTY LTD</p>	<p>(71) Resero IP Limited                      (11) AU-A-2020104482                      (21) 2020104482 (22) 02.12.2020                      (54) A FURNITURE LEG                      (51) Int. Cl.  <i>A47B 9/20</i> ( 2006.01 )                      (45) 11.08.2022                      (62) 2016202281                      (72) UKMAR, Robert Carlo                      (74) James &amp; Wells Intellectual Property</p>
<p>(71) Buggy Enterprises Pty Ltd                      (11) AU-A-2022100095                      (21) 2022100095 (22) 19.07.2022                      (54) A COMPOSITION FOR PET FOOD AND METHOD OF PRODUCING THE SAME                      (51) Int. Cl.  <i>A23K 50/40</i> ( 2016.01 )  <i>A23K 10/20</i> ( 2016.01 )  <i>A23K 10/30</i> ( 2016.01 )  <i>A23K 10/35</i> ( 2016.01 )  <i>A23K 40/20</i> ( 2016.01 )</p>	<p>(71) Schneider Electric (Australia) Pty Limited                      (11) AU-A-2017101930                      (21) 2017101930 (22) 02.05.2017                      (54) IMPROVEMENTS IN AN ELECTRICAL MODULE CONNECTOR AND SYSTEM                      (51) Int. Cl.  <i>H01R 13/707</i> ( 2006.01 )  <i>H01H 9/02</i> ( 2006.01 )  <i>H01H 9/28</i> ( 2006.01 )  <i>H01R 9/22</i> ( 2006.01 )  <i>H01R 13/502</i> ( 2006.01 )  <i>H01R 13/506</i> ( 2006.01 )</p>	<p></p>

**Numerical Index**

**2017101930** Schneider Electric (Australia) Pty Limited  
**2018102242** Philipou, E.  
**2020104481** Snap-on Incorporated  
**2020104482** Resero IP Limited  
**2021107664** Brown, J.  
**2022100086** Canva Pty Ltd  
**2022100087** Aero Innovations LLC  
**2022100095** Buggy Enterprises Pty Ltd  
**2022100096** Apple Inc.

IPC Index

<b><u>A23K 10 /-</u></b>	<b><u>H02K 1 /-</u></b>
2022100095	2021107664
<b><u>A23K 40 /-</u></b>	<b><u>H02K 49 /-</u></b>
2022100095	2021107664
<b><u>A23K 50 /-</u></b>	<b><u>H02K 53 /-</u></b>
2022100095	2021107664
<b><u>A47B 9 /-</u></b>	<b><u>H02N 11 /-</u></b>
2020104482	2021107664
<b><u>B25B 7 /-</u></b>	<b><u>H03K 17 /-</u></b>
2020104481	2022100096
<b><u>B64C 1 /-</u></b>	<b><u>H04R 1 /-</u></b>
2022100087	2022100096
<b><u>B64D 27 /-</u></b>	<b><u>H05K 5 /-</u></b>
2022100087	2017101930
<b><u>B64D 29 /-</u></b>	<b><u>H05K 7 /-</u></b>
2022100087	2017101930
<b><u>B64F 5 /-</u></b>	
2022100087	
<b><u>F16M 5 /-</u></b>	
2022100087	
<b><u>G06F 3 /-</u></b>	
2022100096	
<b><u>G06Q 10 /-</u></b>	
2018102242	
<b><u>G06T 11 /-</u></b>	
2022100086	
<b><u>G06T 7 /-</u></b>	
2022100086	
<b><u>H01H 9 /-</u></b>	
2017101930	
<b><u>H01R 13 /-</u></b>	
2017101930	
<b><u>H01R 9 /-</u></b>	
2017101930	
<b><u>H02G 3 /-</u></b>	
2017101930	

PCT applications which have entered the National Phase

Name Index

- . (\*) Title not in Roman characters
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<p>(71) AAK AB (publ)                      (11) AU-A-2021223013                      (21) 2021223013 (22) 11.02.2021                      (54) Fat composition suitable as a cocoa butter equivalent having a low amount of diglycerides                      (51) Int. Cl.                      A23G 1/38 ( 2006.01 )                      A23D 9/00 ( 2006.01 )                      (87) WO2021/167514                      (31) 2050191-2 (32) 20.02.20 (33) SE                      2051474-1 16.12.20 SE                      (43) 26.08.2021                      (72) JUUL, Bjarne                      (74) Griffith Hack</p>	<p>G06T 7/11 ( 2017.01 )                      (87) WO2021/119739                      (31) 2019904762 (32) 17.12.19 (33) AU                      (43) 24.06.2021                      (72) BARGOTI, Suchet; DUNNE, Toby Francis; VLASKINE, Vsevolod; FER-GUSON, Eric Leonard; AHSAN, Nasir; NAQSHBANDI, Masood; POTIRIS, Steven                      (74) Davies Collison Cave Pty Ltd</p>	<p>(87) WO2021/148859                      (31) 202011003425 (32) 25.01.20 (33) IN                      (43) 29.07.2021                      (72) AGGARWAL, Rakesh                      (74) Raven IP</p>
<p>(71) AAK AB (publ)                      (11) AU-A-2021223219                      (21) 2021223219 (22) 11.02.2021                      (54) Fat composition suitable as a cocoa butter equivalent                      (51) Int. Cl.                      A23G 1/38 ( 2006.01 )                      A23D 9/00 ( 2006.01 )                      (87) WO2021/167516                      (31) 2050191-2 (32) 20.02.20 (33) SE                      (43) 26.08.2021                      (72) JUUL, Bjarne                      (74) Griffith Hack</p>	<p>(71) Academisch Medisch Centrum; Wageningen Universiteit                      (11) AU-A-2021228209                      (21) 2021228209 (22) 26.02.2021                      (54) Intervention strategy for prevention or treatment of Diabetes mellitus, autoimmune disease, inflammatory disease or cardiovascular disease                      (51) Int. Cl.                      A61K 31/405 ( 2006.01 )                      A61K 31/20 ( 2006.01 )                      A61K 35/00 ( 2006.01 )                      A61P 5/48 ( 2006.01 )                      A61P 9/00 ( 2006.01 )                      A61P 37/00 ( 2006.01 )                      (87) WO2021/170848                      (31) 2025020 (32) 28.02.20 (33) NL                      2025021 28.02.20 NL                      2025022 28.02.20 NL                      (43) 02.09.2021                      (72) NIEUWDORP, Max; DE VOS, Willem Meindert                      (74) Griffith Hack</p>	<p>(71) Aimed Bio Inc.                      (11) AU-A-2021212559                      (21) 2021212559 (22) 27.01.2021                      (54) Benzoselenophene-based compound, pharmaceutical composition containing same, and antibody-drug conjugate                      (51) Int. Cl.                      C07D 421/06 ( 2006.01 )                      A61K 31/28 ( 2006.01 )                      A61K 47/68 ( 2017.01 )                      A61P 9/10 ( 2006.01 )                      A61P 35/00 ( 2006.01 )                      (87) WO2021/153984                      (31) 10-2020-0011222 (32) 30.01.20 (33) KR                      (43) 05.08.2021                      (72) LIM, Dongyeol; KIM, Min Cheol; MHETRE, Amol; NAM, Do-Hyun                      (74) H &amp; H Lawyers</p>
<p>(71) Abivax; Centre National De La Recherche Scientifique; Universite de Montpellier; Institut Curie                      (11) AU-A-2021213321                      (21) 2021213321 (22) 29.01.2021                      (54) Amorphous solid dispersion of 8-chloro-N-(4-(trifluoromethoxy)phenyl)quinolin-2-amine                      (51) Int. Cl.                      A61K 9/16 ( 2006.01 )                      A61K 31/00 ( 2006.01 )                      (87) WO2021/152129                      (31) 20305089.3 (32) 31.01.20 (33) EP                      20306410.0 19.11.20 EP                      (43) 05.08.2021                      (72) MENEGOTTO, Jérôme; DENIS, Jérôme                      (74) AJ PARK</p>	<p>(71) AdvanSix Resins &amp; Chemicals LLC                      (11) AU-A-2020408132                      (21) 2020408132 (22) 10.12.2020                      (54) Surfactants for use in personal care and cosmetic products                      (51) Int. Cl.                      A61K 8/58 ( 2006.01 )                      A61Q 1/10 ( 2006.01 )                      A61Q 1/14 ( 2006.01 )                      A61Q 5/02 ( 2006.01 )                      A61Q 5/12 ( 2006.01 )                      A61Q 11/00 ( 2006.01 )                      A61Q 19/10 ( 2006.01 )                      (87) WO2021/126667                      (31) 62/950,378 (32) 19.12.19 (33) US                      (43) 24.06.2021                      (72) ASIRVATHAM, Edward                      (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Airbus Defence and Space SAS                      (11) AU-A-2021227304                      (21) 2021227304 (22) 09.02.2021                      (54) Radiator with reduced insolation and improved guidance system for geostationary satellite                      (51) Int. Cl.                      B64G 1/50 ( 2006.01 )                      (87) WO2021/170931                      (31) FR2001967 (32) 27.02.20 (33) FR                      (43) 02.09.2021                      (72) PUPILLE, Gilles; DELTOUR, Bernard                      (74) FPA Patent Attorneys Pty Ltd</p>
<p>(71) Abyss Solutions Pty Ltd                      (11) AU-A-2020404445                      (21) 2020404445 (22) 16.12.2020                      (54) Method and system for detecting physical features of objects                      (51) Int. Cl.                      G06T 7/00 ( 2017.01 )                      G06T 5/00 ( 2006.01 )                      G06T 7/10 ( 2017.01 )</p>	<p>(71) Aggarwal, R.                      (11) AU-A-2020424983                      (21) 2020424983 (22) 03.10.2020                      (54) A drag cum lift based wind turbine system having adjustable blades                      (51) Int. Cl.                      F03D 3/06 ( 2006.01 )</p>	<p>(71) Alfen Medical Devices Development Ltd                      (11) AU-A-2021232612                      (21) 2021232612 (22) 04.03.2021                      (54) An airway management device                      (51) Int. Cl.                      A61M 16/04 ( 2006.01 )                      A61B 1/00 ( 2006.01 )                      A61B 1/05 ( 2006.01 )                      A61B 1/267 ( 2006.01 )                      (87) WO2021/175991                      (31) 2003191.0 (32) 05.03.20 (33) GB                      (43) 10.09.2021                      (72) DEL SOCORRO FONTANILLA DAZA, Zoraida                      (74) Adams Pluck</p>
<p>(71) Allarity Therapeutics Europe ApS                      (11) AU-A-2021212305                      (21) 2021212305 (22) 29.01.2021                      (54) Methods for predicting ixabepilone responsiveness in cancer patients</p>		

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

- (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )
- (87) WO2021/152107  
(31) 62/968,710 (32) 31.01.20 (33) US  
(43) 05.08.2021  
(72) KNUDSEN, Steen  
(74) RNB IP PTY LTD
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- (71) Allergan Pharmaceuticals International, Ltd  
(11) AU-A-2020408101  
(21) 2020408101 (22) 18.12.2020  
(54) Hybrid polymeric materials and uses thereof  
(51) Int. Cl.  
**A61L 27/22** ( 2006.01 )  
**A61L 27/26** ( 2006.01 )  
**A61L 27/56** ( 2006.01 )
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(43) 24.06.2021  
(72) WEISS, Anthony Steven; MITHIEUX, Suzanne; WANG, Ziyu  
(74) Davies Collison Cave Pty Ltd
- 
- (71) American Sterilizer Company  
(11) AU-A-2021212613  
(21) 2021212613 (22) 20.01.2021  
(54) Proximity detection for a surgical light  
(51) Int. Cl.  
**A61B 90/30** ( 2016.01 )  
**F21V 23/04** ( 2006.01 )
- (87) WO2021/154550  
(31) 62/968,202 (32) 31.01.20 (33) US  
(43) 05.08.2021  
(72) WESTENFELDER II, David A.; SANDERS, Jill A.; HOLLOPETER, Michael; GROSZEK, Joseph James; JESURUN, David; COOK, Ian Hugh  
(74) Spruson & Ferguson
- 
- (71) Artedrone  
(11) AU-A-2021250449  
(21) 2021250449 (22) 01.04.2021  
(54) A medical device, a method for controlling a device, a system comprising a device, and a method of producing a device  
(51) Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 1/00** ( 2006.01 )  
**A61B 1/04** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 34/00** ( 2016.01 )
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(43) 07.10.2021  
(72) POULETTY, Philippe; BRUNEAU, Maëlle; POUPONNEAU, Pierre  
(74) Davies Collison Cave Pty Ltd
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- (71) Asahi Kasei Construction Materials Corporation  
(11) AU-A-2021208850  
(21) 2021208850 (22) 15.01.2021
- (54) Phenol resin foam laminated board and composite board  
(51) Int. Cl.  
**B29K 61/04** ( 2006.01 )  
**B29C 44/00** ( 2006.01 )  
**B29C 44/28** ( 2006.01 )  
**B29C 44/32** ( 2006.01 )  
**B32B 5/18** ( 2006.01 )  
**B32B 27/42** ( 2006.01 )  
**C08J 9/14** ( 2006.01 )  
**B29L 7/00** ( 2006.01 )  
**B29L 9/00** ( 2006.01 )
- (87) WO2021/145417  
(31) 2020-005370 (32) 16.01.20 (33) JP  
(43) 22.07.2021  
(72) HIRAMATSU, Nobuki; MIHORI, Hisashi; KURODA, Takayuki  
(74) Griffith Hack
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- (71) Asklepios BioPharmaceutical, Inc.  
(11) AU-A-2021207683  
(21) 2021207683 (22) 15.01.2021  
(54) Recombinant AAV production  
(51) Int. Cl.  
**C12N 15/86** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )  
**C12N 15/85** ( 2006.01 )  
**C12N 15/87** ( 2006.01 )  
**C12N 15/88** ( 2006.01 )  
**C12Q 1/70** ( 2006.01 )
- (87) WO2021/146591  
(31) 62/962,911 (32) 17.01.20 (33) US  
(43) 22.07.2021  
(72) SMITH, Jacob; GRIEGER, Josh  
(74) Griffith Hack
- 
- (71) Astellas Pharma Inc.  
(11) AU-A-2021206997  
(21) 2021206997 (22) 15.01.2021  
(54) Fatty acid derivative labeled by positron-emitting nuclide  
(51) Int. Cl.  
**C07C 323/52** ( 2006.01 )  
**C07C 319/20** ( 2006.01 )  
**C07C 323/53** ( 2006.01 )  
**C07C 323/54** ( 2006.01 )  
**C07F 7/18** ( 2006.01 )  
**G01T 1/161** ( 2006.01 )
- (87) WO2021/145403  
(31) 2020-005535 (32) 17.01.20 (33) JP  
(43) 22.07.2021  
(72) MURAKAMI, Yoshihiro; FUSHIKI, Hiroshi; YONEZAWA, Koichi  
(74) FB Rice Pty Ltd
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- (71) Auckland Uniservices Limited  
(11) AU-A-2021226178  
(21) 2021226178 (22) 25.02.2021  
(54) Multiplex immunofluorescence detection of target antigens  
(51) Int. Cl.  
**G01N 33/533** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )
- (87) WO2021/171220  
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(72) DUNBAR, Roderick Peter; PARK, Saemmul  
(74) Blue Penguin IP Ltd
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- (71) Axxess (UK) Ltd  
(11) AU-A-2021211236  
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(54) Cellular uptake  
(51) Int. Cl.  
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**A61P 43/00** ( 2006.01 )
- (87) WO2021/148990  
(31) 2020900183 (32) 23.01.20 (33) AU  
(43) 29.07.2021  
(72) NEW, Roger R. C.; TRAVERS, Glen  
(74) WRAYS PTY LTD
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- (71) BASF SE  
(11) AU-A-2021209790  
(21) 2021209790 (22) 15.01.2021  
(54) Low temperature process for the preparation of an asphalt mix composition  
(51) Int. Cl.  
**C08L 95/00** ( 2006.01 )  
**C08G 18/10** ( 2006.01 )  
**C08G 18/64** ( 2006.01 )  
**C08G 18/76** ( 2006.01 )  
**C08L 61/28** ( 2006.01 )  
**C08L 63/00** ( 2006.01 )  
**E01C 7/18** ( 2006.01 )  
**E01C 7/22** ( 2006.01 )  
**E01C 7/26** ( 2006.01 )
- (87) WO2021/148313  
(31) 20153372.6 (32) 23.01.20 (33) EP  
(43) 29.07.2021  
(72) ZEILINGER, Michael; SCHATZ, Waldemar; BOKERN, Stefan; WIEBELHAUS, Dag; OTERO MARTINEZ, Iran  
(74) Griffith Hack
- 
- (71) BASF SE  
(11) AU-A-2021209811  
(21) 2021209811 (22) 20.01.2021  
(54) Asphalt composition comprising thermosetting reactive compound  
(51) Int. Cl.  
**C08G 18/64** ( 2006.01 )  
**C08G 18/75** ( 2006.01 )  
**C08G 18/76** ( 2006.01 )  
**C08G 18/79** ( 2006.01 )  
**C08L 75/04** ( 2006.01 )  
**C08L 95/00** ( 2006.01 )  
**C09D 175/04** ( 2006.01 )  
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**C09J 175/04** ( 2006.01 )
- (87) WO2021/148418  
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(72) ORR, Brian; CAMPBELL, Dahlia, Ishama; MALONSON, Bernie, Lewis  
(74) Griffith Hack
- 
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(11) AU-A-2021210110  
(21) 2021210110 (22) 14.01.2021

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

- (54) PPO formulations containing ether sulfates  
 (51) Int. Cl.  
**A01N 33/02** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 33/12** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/84** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
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 (43) 29.07.2021  
 (72) MERTOGLU, Murat; MEINERS, Ingo; SCHREIECK, Jochen; FINDLEY, Douglas; SEISER, Tobias; URCH, Henning  
 (74) Griffith Hack
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**A01P 13/00** ( 2006.01 )  
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- (51) Int. Cl.  
**H01M 50/531** ( 2021.01 )  
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- (51) Int. Cl.  
**H01M 50/593** ( 2021.01 )

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<b>(43)</b> 07.04.2022	<b>(72)</b> HAVEL, Frederik; GRIFFITHS, Lee Arthur	20153253.8	22.01.20	EP
<b>(72)</b> ZENG, Yuqun; XING, Chengyou; KANG, Wenlong; SU, Huasheng; LI, Quankun	<b>(74)</b> Cooper IP Pty Ltd	<b>(43)</b> 29.07.2021		
<b>(74)</b> Madderns Pty Ltd		<b>(72)</b> STALS, Patrick Johannes Maria; VAN DER ZWAAG, Daan; BÜCKMANN, Alfred Jean Paul; OVERBEEK, Gerardus Cornelis; VAN RIEL, Jan		
<b>(71)</b> Contemporary Amperex Technology Co., Limited	<b>(71)</b> Covestro (Netherlands) B.V.	<b>(74)</b> PHILLIPS ORMONDE FITZPATRICK		
<b>(11)</b> AU-A-2020470348	<b>(11)</b> AU-A-2021209378			
<b>(21)</b> 2020470348	<b>(21)</b> 2021209378			
<b>(54)</b> Battery cell, battery, electric device, and battery cell manufacturing method and system	<b>(22)</b> 21.01.2021			
<b>(51)</b> Int. Cl.	<b>(54)</b> Particles of (aziridinyl hydroxy)-functional organic compounds			
<b>H01M 50/533</b> ( 2021.01 )	<b>(51)</b> Int. Cl.			
<b>H01M 50/593</b> ( 2021.01 )	<b>C07D 203/10</b> ( 2006.01 )			
<b>(87)</b> WO2022/067778	<b>C08G 85/00</b> ( 2006.01 )			
<b>(43)</b> 07.04.2022	<b>C09D 175/08</b> ( 2006.01 )			
<b>(72)</b> ZENG, Yuqun; KANG, Wenlong; XING, Chengyou; WANG, Peng; LI, Quankun; SU, Huasheng; LIU, Wenzhong	<b>(87)</b> WO2021/148556			
<b>(74)</b> Madderns Pty Ltd	<b>(31)</b> 20153154.8	<b>(32)</b> 22.01.20	<b>(33)</b> EP	
<b>(71)</b> ConvaTec Limited	20153628.1	24.01.20	EP	
<b>(11)</b> AU-A-2021223081	20153159.7	22.01.20	EP	
<b>(21)</b> 2021223081	20153630.7	24.01.20	EP	
<b>(54)</b> An outlet valve for an ostomy appliance	20187717.2	24.07.20	EP	
<b>(51)</b> Int. Cl.	20153239.7	22.01.20	EP	
<b>A61F 5/44</b> ( 2006.01 )	20153240.5	22.01.20	EP	
<b>A61F 5/445</b> ( 2006.01 )	20153242.1	22.01.20	EP	
<b>(87)</b> WO2021/165676	20153245.4	22.01.20	EP	
<b>(31)</b> 2002317.2	20153246.2	22.01.20	EP	
2002318.0	20153249.6	22.01.20	EP	
2002319.8	20153250.4	22.01.20	EP	
<b>(43)</b> 26.08.2021	20153251.2	22.01.20	EP	
<b>(72)</b> HOLROYD, Simon; BAKER, Dominic; TAAL, Stefan; LACY, Graham	20153253.8	22.01.20	EP	
<b>(74)</b> Houlihan2 Pty Ltd	<b>(43)</b> 29.07.2021			
<b>(71)</b> ConvaTec Limited	<b>(72)</b> OVERBEEK, Gerardus Cornelis; STALS, Patrick Johannes Maria; VAN DER ZWAAG, Daan; BÜCKMANN, Alfred Jean Paul; VAN DIJK, Stella Josette			
<b>(11)</b> AU-A-2021225094	<b>(74)</b> PHILLIPS ORMONDE FITZPATRICK			
<b>(21)</b> 2021225094				
<b>(54)</b> An outlet valve for an ostomy appliance	<b>(71)</b> Covestro (Netherlands) B.V.			
<b>(51)</b> Int. Cl.	<b>(11)</b> AU-A-2021209384			
<b>A61F 5/445</b> ( 2006.01 )	<b>(21)</b> 2021209384	<b>(22)</b> 21.01.2021		
<b>A61F 5/44</b> ( 2006.01 )	<b>(54)</b> Multi-aziridine compound			
<b>(87)</b> WO2021/165674	<b>(51)</b> Int. Cl.			
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2002316.4	<b>C08G 18/02</b> ( 2006.01 )			
<b>(43)</b> 26.08.2021	<b>C08G 18/10</b> ( 2006.01 )			
<b>(72)</b> HOLROYD, Simon; BAKER, Dominic; TAAL, Stefan	<b>C08G 18/12</b> ( 2006.01 )			
<b>(74)</b> Houlihan2 Pty Ltd	<b>C08G 18/28</b> ( 2006.01 )			
<b>(71)</b> Coors Brewing Company	<b>C08G 18/30</b> ( 2006.01 )			
<b>(11)</b> AU-A-2020422462	<b>C08G 18/32</b> ( 2006.01 )			
<b>(21)</b> 2020422462	<b>C08G 18/34</b> ( 2006.01 )			
<b>(54)</b> Method and system for processing high-gravity beer into spirits	<b>C08G 18/38</b> ( 2006.01 )			
<b>(51)</b> Int. Cl.	<b>C08G 18/48</b> ( 2006.01 )			
<b>C12C 11/11</b> ( 2019.01 )	<b>C08G 18/66</b> ( 2006.01 )			
<b>C12G 3/08</b> ( 2006.01 )	<b>C08G 18/73</b> ( 2006.01 )			
<b>C12H 6/04</b> ( 2019.01 )	<b>C08G 18/75</b> ( 2006.01 )			
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<b>(31)</b> 62/962,328	<b>C09D 175/08</b> ( 2006.01 )			
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	<b>(71)</b> Covestro (Netherlands) B.V.			
	<b>(11)</b> AU-A-2021210594			
	<b>(21)</b> 2021210594	<b>(22)</b> 21.01.2021		
	<b>(54)</b> Coating composition			
	<b>(51)</b> Int. Cl.			
	<b>C08G 18/08</b> ( 2006.01 )			
	<b>C08G 18/02</b> ( 2006.01 )			
	<b>C08G 18/10</b> ( 2006.01 )			
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STALS, Patrick Johannes Maria; VAN  
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fred Jean Paul; LANGERMANS, Her-  
manus Adrianus; VAN DIJK, Stella  
Josette; LOOIJMANS, Rob  
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(54) Aziridinyl functional compound  
(51) Int. Cl.  
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Johannes Maria; VAN DER ZWAAG,
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GROEN, Hans; MARTIN, Emilio; VAN  
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**G06Q 10/08** ( 2012.01 )
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obstructive sleep apnea  
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orthopaedic knee prosthesis and asso-  
ciated method of making the same  
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BARKOVSKIY, Mikhail; HAUPTMEIER,  
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BRACCI, Noah Michael; BUESCHER,  
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taining the same, and process of pre-  
paring the multilayer article  
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**B32B 27/30** ( 2006.01 )  
**C08J 5/00** ( 2006.01 )  
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injection line kit  
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inated with emerging contaminants  
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**C02F 1/44** ( 2006.01 )  
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metic pads and use thereof  
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C07D 257/02 (2006.01)			(54) Power electronics building blocks (PEBBS) with enhanced power density, reduced size, isolated power ports			(51) Int. Cl.		
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C07B 59/00 (2006.01)			(21) 2020405141	(22) 18.12.2020		H04W 52/02 (2009.01)		
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A61K 31/473 (2006.01)			(54) Improvements in, or relating to, an actuation system			A61K 47/14 (2017.01)		
A61K 31/519 (2006.01)			(51) Int. Cl.			A61K 47/22 (2006.01)		
A61K 31/555 (2006.01)			B25C 1/04 (2006.01)			A61K 47/28 (2006.01)		
A61K 31/704 (2006.01)			<hr/>			C07C 219/22 (2006.01)		
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A61K 45/06 (2006.01)			(54) Improvements in, or relating to, an actuation system			C07D 207/08 (2006.01)		
A61P 35/00 (2006.01)			(51) Int. Cl.			C07D 207/09 (2006.01)		
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pass for small diameter liners  
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(51) Int. Cl.

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**(51)** Int. Cl.  
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**(31)** 62/949,423 **(32)** 17.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** MEHTA, Deep; GHANNOUM, Ziad; NIRKHE, Chetan; HUCULAK, John; SOUZA, Marcus  
**(74)** Spruson & Ferguson
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- (71)** Johnson & Johnson Surgical Vision, Inc.  
**(11)** AU-A-2020407551  
**(21)** 2020407551 **(22)** 15.12.2020  
**(54)** System and methods for a cassette capture mechanism for phacoemulsification surgical applications  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**(87)** WO2021/124107  
**(31)** 62/949,432 **(32)** 17.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** HEEREN, Tammo; DUNNE, John C.; FLOWERS, Matthew  
**(74)** Spruson & Ferguson
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- (71)** Johnson & Johnson Surgical Vision, Inc.  
**(11)** AU-A-2020408092  
**(21)** 2020408092 **(22)** 16.12.2020  
**(54)** Fluid level monitoring system for phacoemulsification surgical applications  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
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**(72)** HEEREN, Tammo; FLOWERS, Matthew  
**(74)** Spruson & Ferguson
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- (71)** Johnson & Johnson Surgical Vision, Inc.  
**(11)** AU-A-2020408095  
**(21)** 2020408095 **(22)** 16.12.2020  
**(54)** System level fluidics and controls  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**(87)** WO2021/124171  
**(31)** 62/949,436 **(32)** 17.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** NAZARIFAR, Nader; LIN, Justin; MEHTA, Deep  
**(74)** Spruson & Ferguson
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- (71)** Johnson & Johnson Surgical Vision, Inc.  
**(11)** AU-A-2020408299  
**(21)** 2020408299 **(22)** 16.12.2020  
**(54)** Cassette design and systems and methods thereof  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**(87)** WO2021/124148  
**(31)** 62/949,431 **(32)** 17.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** NAZARIFAR, Nader; MEHTA, Deep; NIRKHE, Chetan; GHANNOUM, Ziad; SOUZA, Marcus; DUNNE, John C.; FLOWERS, Matthew; NGUYEN, Hien; AULD, Jack; HUCULAK, John  
**(74)** Spruson & Ferguson
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- (71)** Johnson & Johnson Surgical Vision, Inc.  
**(11)** AU-A-2020410412  
**(21)** 2020410412 **(22)** 14.12.2020  
**(54)** Systems and methods for providing a pulseless peristaltic pump  
**(51)** Int. Cl.  
**A61M 1/00** ( 2006.01 )  
**(87)** WO2021/124078  
**(31)** 62/949,435 **(32)** 17.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** NAZARIFAR, Nader; DUNNE, John C.; ANDERFAAS, Eric N.; HUCULAK, John  
**(74)** Spruson & Ferguson
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- (71)** Johnson & Johnson Surgical Vision, Inc.  
**(11)** AU-A-2020410422  
**(21)** 2020410422 **(22)** 15.12.2020  
**(54)** Non-contacting, high accuracy pressure sensing for medical cassette assemblies  
**(51)** Int. Cl.  
**G01L 7/08** ( 2006.01 )  
**G01L 9/00** ( 2006.01 )  
**G01L 9/10** ( 2006.01 )  
**G01L 9/16** ( 2006.01 )  
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**(31)** 62/949,416 **(32)** 17.12.19 **(33)** US
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- (71)** Johnson Matthey Public Limited Company  
**(11)** AU-A-2020410170  
**(21)** 2020410170 **(22)** 15.12.2020  
**(54)** Cathode material and process  
**(51)** Int. Cl.  
**C01G 53/00** ( 2006.01 )  
**(87)** WO2021/123747  
**(31)** 1918699.8 **(32)** 18.12.19 **(33)** GB  
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**(72)** HILL, Jessica; JOHNSON, Stuart; WALE, Olivia Rose  
**(74)** FB Rice Pty Ltd
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**(21)** 2020457486 **(22)** 16.07.2020  
**(54)** High modulus glass fiber composition, glass fiber thereof, and composite material  
**(51)** Int. Cl.  
**C03C 13/02** ( 2006.01 )  
**C03C 3/095** ( 2006.01 )  
**C03C 13/00** ( 2006.01 )  
**(87)** WO2022/006948  
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**(72)** ZHANG, Lin; XING, Wenzhong; CAO, Guorong; YAO, Zhonghua  
**(74)** PIPERS
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- (71)** Jushi Group Co., Ltd.  
**(11)** AU-A-2020457692  
**(21)** 2020457692 **(22)** 16.07.2020  
**(54)** High modulus glass fiber composition, glass fiber thereof, and composite material  
**(51)** Int. Cl.  
**C03C 13/04** ( 2006.01 )  
**C03C 3/095** ( 2006.01 )  
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**(74)** PIPERS
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- (71)** Katholieke Universiteit Leuven  
**(11)** AU-A-2021225333  
**(21)** 2021225333 **(22)** 24.02.2021  
**(54)** Pyrrolopyridine and imidazopyridine antiviral compounds  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2020424969 (22) 20.01.2020  
 (54) Biopesticide compositions comprising plant extracts and phytosanitary use thereof  
 (51) Int. Cl.  
 A01N 35/02 ( 2006.01 )  
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 A01P 7/04 ( 2006.01 )  
 (87) WO2021/148684  
 (43) 29.07.2021  
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 (74) K&L Gates

(71) Korea Research Institute of Chemical Technology  
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 (21) 2020406824 (22) 16.12.2020  
 (54) Novel pyrimidin derivative and use thereof  
 (51) Int. Cl.  
 C07D 239/48 ( 2006.01 )  
 A61K 31/505 ( 2006.01 )  
 A61K 31/506 ( 2006.01 )  
 A61P 1/16 ( 2006.01 )  
 A61P 25/16 ( 2006.01 )  
 A61P 31/06 ( 2006.01 )  
 A61P 31/12 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 C07D 401/04 ( 2006.01 )  
 C07F 9/6558 ( 2006.01 )  
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 (43) 24.06.2021  
 (72) KIM, Pil Ho; KIM, Seong Hwan  
 (74) Collison & Co

(71) Kyocera Corporation  
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 (21) 2021206955 (22) 12.01.2021  
 (54) Method for producing artificial joint sliding member, artificial joint sliding member, and artificial joint  
 (51) Int. Cl.  
 A61L 27/34 ( 2006.01 )  
 A61F 2/30 ( 2006.01 )  
 A61L 27/04 ( 2006.01 )  
 A61L 27/10 ( 2006.01 )  
 A61L 27/14 ( 2006.01 )  
 A61L 27/16 ( 2006.01 )  
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 (21) 2020407219 (22) 18.12.2020  
 (54) Gating energy consumption accumulation by detecting a fundamental component of a current  
 (51) Int. Cl.  
 G01R 21/06 ( 2006.01 )  
 G01R 21/133 ( 2006.01 )  
 G01R 22/06 ( 2006.01 )  
 G01R 35/04 ( 2006.01 )  
 (87) WO2021/127361  
 (31) 16/721,026 (32) 19.12.19 (33) US  
 (43) 24.06.2021  
 (72) STENBERG, David; BOUDREAU Jr., Frank J.  
 (74) Davies Collison Cave Pty Ltd

(71) Lateral IP Pty Ltd  
 (11) AU-A-2020410914  
 (21) 2020410914 (22) 29.12.2020  
 (54) Cyclic peptide receptor Lanthionine synthetase C-like protein (LANCL) and uses thereof  
 (51) Int. Cl.  
 A61K 38/12 ( 2006.01 )  
 A61P 25/02 ( 2006.01 )  
 A61P 25/04 ( 2006.01 )  
 A61P 25/06 ( 2006.01 )  
 A61P 29/00 ( 2006.01 )  
 C07K 7/64 ( 2006.01 )  
 G01N 33/566 ( 2006.01 )  
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 (43) 01.07.2021  
 (72) GEARING, Andrew; KENLEY, David  
 (74) Davies Collison Cave Pty Ltd

(71) Leidl, P.  
 (11) AU-A-2020423318  
 (21) 2020423318 (22) 14.12.2020  
 (54) Method for producing an object provided with riblets on and/or in the surface, and object produced thereby  
 (51) Int. Cl.  
 B64C 21/10 ( 2006.01 )  
 F15D 1/00 ( 2006.01 )  
 (87) WO2021/142496  
 (31) A 50021/2020 (32) 14.01.20 (33) AT  
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 (72) LEITL, Peter  
 (74) Chrysilou IP

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 (54) Mobile robot  
 (51) Int. Cl.  
 B25J 11/00 ( 2006.01 )  
 A47L 11/40 ( 2006.01 )  
 B25J 9/12 ( 2006.01 )  
 B25J 9/16 ( 2006.01 )

B25J 19/02 ( 2006.01 )  
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 (72) BAE, Yonghwan  
 (74) FB Rice Pty Ltd

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 (54) Laundry device  
 (51) Int. Cl.  
 D06F 37/22 ( 2006.01 )  
 D06F 37/10 ( 2006.01 )  
 D06F 37/28 ( 2006.01 )  
 D06F 39/14 ( 2006.01 )  
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 (72) KIM, Sungmin; KIM, Jinwoong; SIM, Hyoungmin  
 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2020408836 (22) 23.04.2020  
 (54) Induction heating type cooktop with reduced thermal deformation of thin film  
 (51) Int. Cl.  
 H05B 6/12 ( 2006.01 )  
 (87) WO2021/125455  
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 (72) KIM, Seong Jun; KIM, Won Tae; HWANG, Seong Hoon  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
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 (21) 2020409316 (22) 14.01.2020  
 (54) Home appliance provided with viewing window  
 (51) Int. Cl.  
 F24C 3/12 ( 2006.01 )  
 F24C 15/00 ( 2006.01 )  
 G01P 15/00 ( 2006.01 )  
 G01P 15/097 ( 2006.01 )  
 H05B 47/105 ( 2020.01 )  
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 (72) KIM, Jeong Kil; LEE, Wang Lim; JEONG, Seong Ho  
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.  
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 (21) 2020409824 (22) 16.12.2020  
 (54) Laundry treating apparatus and method for controlling the laundry treating apparatus  
 (51) Int. Cl.  
 D06F 58/30 ( 2020.01 )  
 B01D 46/00 ( 2006.01 )

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**D06F 58/26** ( 2006.01 )  
**D06F 58/38** ( 2020.01 )  
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**(72)** PARK, Bio; RYOO, Byeongjo; LEE, Haewoong  
**(74)** Dentons Patent Attorneys Australasia Limited
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**(11)** AU-A-2020409825  
**(21)** 2020409825 **(22)** 16.12.2020  
**(54)** Laundry device  
**(51)** Int. Cl.  
**D06F 37/22** ( 2006.01 )  
**D06F 37/10** ( 2006.01 )  
**D06F 37/28** ( 2006.01 )  
**D06F 39/14** ( 2006.01 )  
**(87)** WO2021/125773  
**(31)** 10-2019-0167511 **(32)** 16.12.19 **(33)** KR  
**(43)** 24.06.2021  
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**(74)** Dentons Patent Attorneys Australasia Limited
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- (71)** Lim, L.  
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**(21)** 2021246253 **(22)** 22.03.2021  
**(54)** Photobiomodulation system and method for improved immunity and treatment of respiratory tract infections  
**(51)** Int. Cl.  
**A61N 5/06** ( 2006.01 )  
**(87)** WO2021/198840  
**(31)** 63/004,752 **(32)** 03.04.20 **(33)** US  
**(43)** 07.10.2021  
**(72)** LIM, Lew  
**(74)** WRAYS PTY LTD
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- (71)** Liminal BioSciences Limited  
**(11)** AU-A-2020405549  
**(21)** 2020405549 **(22)** 18.12.2020  
**(54)** Cycloalkyl-containing carboxylic acids and uses thereof  
**(51)** Int. Cl.  
**A61P 3/04** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 7/06** ( 2006.01 )  
**A61P 9/12** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07C 53/134** ( 2006.01 )  
**C07C 57/26** ( 2006.01 )  
**C07D 303/12** ( 2006.01 )  
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**(74)** FB Rice Pty Ltd
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- (71)** Loci Controls, Inc.  
**(11)** AU-A-2021214758  
**(21)** 2021214758 **(22)** 19.01.2021  
**(54)** Automated compliance measurement and control for landfill gas extraction systems  
**(51)** Int. Cl.  
**G01N 33/00** ( 2006.01 )  
**B09B 1/00** ( 2006.01 )  
**C10L 3/08** ( 2006.01 )  
**E21B 43/12** ( 2006.01 )  
**(87)** WO2021/154523  
**(31)** 62/967,147 **(32)** 29.01.20 **(33)** US  
**(43)** 05.08.2021  
**(72)** QUIGLEY, Peter; MARTIN, Ian; ROW-BOTTOM, Jack; NEFF, Nicole  
**(74)** RnB IP Pty Ltd
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- (71)** Lumus Ltd.  
**(11)** AU-A-2020415495  
**(21)** 2020415495 **(22)** 30.11.2020  
**(54)** Optical systems and methods for eye tracking based on redirecting light from eye using an optical arrangement associated with a light-guide optical element  
**(51)** Int. Cl.  
**G02B 27/00** ( 2006.01 )  
**G02B 6/10** ( 2006.01 )  
**G02B 27/01** ( 2006.01 )  
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**(31)** 62/953,557 **(32)** 25.12.19 **(33)** US  
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**(43)** 01.07.2021  
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**(74)** Wallington-Dummer
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- (71)** Lupin Limited  
**(11)** AU-A-2021207775  
**(21)** 2021207775 **(22)** 17.01.2021  
**(54)** Methods, processes and intermediates for preparing chroman compounds  
**(51)** Int. Cl.  
**C07D 311/22** ( 2006.01 )  
**C07D 311/24** ( 2006.01 )  
**C07D 311/58** ( 2006.01 )  
**C07D 493/10** ( 2006.01 )  
**(87)** WO2021/144814  
**(31)** 202021002110 **(32)** 17.01.20 **(33)** IN  
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**(74)** Southern Cross Intellectual Property
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**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
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**(74)** Griffith Hack
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- (71)** Lyrus Life Sciences Pvt Ltd; Nokha Trading LLP  
**(11)** AU-A-2021279428  
**(21)** 2021279428 **(22)** 22.05.2021  
**(54)** Pharmaceutical composition of extended-release oral suspension and process for preparation thereof  
**(51)** Int. Cl.  
**A61K 9/16** ( 2006.01 )  
**A61K 31/135** ( 2006.01 )  
**(87)** WO2021/240330  
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**(74)** Griffith Hack
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- (71)** M7D Corporation  
**(11)** AU-A-2021211661  
**(21)** 2021211661 **(22)** 20.01.2021  
**(54)** Method of growing larger diamonds  
**(51)** Int. Cl.  
**C30B 25/02** ( 2006.01 )  
**C01B 32/25** ( 2017.01 )  
**C30B 29/04** ( 2006.01 )  
**(87)** WO2021/150587  
**(31)** 62/963,231 **(32)** 20.01.20 **(33)** US  
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**(72)** CIRALDO, John, P.; LEVINE-MILES, Jonathan  
**(74)** RnB IP Pty Ltd
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- (71)** Mahana Therapeutics, Inc.  
**(11)** AU-A-2020404923  
**(21)** 2020404923 **(22)** 15.12.2020  
**(54)** Method and system for remotely monitoring the psychological state of an application user based on average user interaction data  
**(51)** Int. Cl.  
**G16H 20/70** ( 2018.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/16** ( 2006.01 )  
**G16H 20/10** ( 2018.01 )  
**G16H 50/20** ( 2018.01 )  
**G16H 50/30** ( 2018.01 )  
**G16H 80/00** ( 2018.01 )  
**(87)** WO2021/126851  
**(31)** 16/717,287 **(32)** 17.12.19 **(33)** US  
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**(72)** LEVY, Simon  
**(74)** Davies Collison Cave Pty Ltd
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**(11)** AU-A-2021211131

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 (51) Int. Cl.  
*E04B 7/16* ( 2006.01 )  
*E06B 7/092* ( 2006.01 )  
*E06B 7/096* ( 2006.01 )  
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 (72) MARIN RODRIGUEZ, Francisco Javier  
 (74) James & Wells Intellectual Property

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 (21) 2020437795 (22) 26.03.2020  
 (54) Immodulator peptides covalently modified with small molecules  
 (51) Int. Cl.  
*A61P 37/02* ( 2006.01 )  
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 (54) Molybdenum-containing alloys and associated systems and methods  
 (51) Int. Cl.  
*B22F 3/10* ( 2006.01 )  
*C22C 1/04* ( 2006.01 )  
 (87) WO2021/167671  
 (31) 62/968,233 (32) 31.01.20 (33) US  
 (43) 26.08.2021  
 (72) SCHUH, Christopher A.; OLIVER, Christian  
 (74) RnB IP Pty Ltd

(71) MDimune Inc.  
 (11) AU-A-2020425281  
 (21) 2020425281 (22) 18.09.2020  
 (54) Cell-extruding device including membrane module, and cell-extruding method using same  
 (51) Int. Cl.  
*C12M 1/34* ( 2006.01 )  
*C12M 1/00* ( 2006.01 )  
*C12M 1/33* ( 2006.01 )  
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 (72) HAN, Dongwoo; BAE, Shingyu; OH, Seungwook; SIM, Yunbeom; LEE, Seonjoon  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Medos International Sarl  
 (11) AU-A-2020404099

(21) 2020404099 (22) 17.12.2020  
 (54) Retractor members, and related systems and methods  
 (51) Int. Cl.  
*A61B 17/02* ( 2006.01 )  
*A61B 17/34* ( 2006.01 )  
*A61B 17/70* ( 2006.01 )  
*A61B 17/80* ( 2006.01 )  
*A61B 90/57* ( 2016.01 )  
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*A61K 38/18* ( 2006.01 )  
*A61P 19/00* ( 2006.01 )  
*A61P 19/02* ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
*A61K 31/47* ( 2006.01 )  
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*A61P 35/00* ( 2006.01 )  
*C07K 16/28* ( 2006.01 )  
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 (51) Int. Cl.  
*B03D 1/14* ( 2006.01 )  
*B01J 10/00* ( 2006.01 )  
*C02F 1/32* ( 2006.01 )  
*C02F 1/72* ( 2006.01 )  
*C02F 1/78* ( 2006.01 )  
*C02F 3/12* ( 2006.01 )  
*C02F 103/16* ( 2006.01 )  
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 (51) Int. Cl.  
*B01D 25/164* ( 2006.01 )  
*B01D 25/168* ( 2006.01 )  
*B01D 25/21* ( 2006.01 )  
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 (72) MUSTAKANGAS, Mirva; JUVONEN, Ismo; KAIPAINEN, Janne; ELORANTA, Teemu; ILLI, Mika; VÄNTTINEN, Kari  
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 (54) A filter plate frame assembly and a horizontal filter press, such as a tower press, having such a plate frame assembly  
 (51) Int. Cl.  
*B01D 25/164* ( 2006.01 )  
*B01D 25/168* ( 2006.01 )  
*B01D 25/21* ( 2006.01 )  
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 (54) A sealing strip for sealing adjacent filter plate assemblies of a filter press, such as a tower press, a filter frame, a filter frame assembly and a filter apparatus  
 (51) Int. Cl.  
*B01D 25/127* (2006.01)  
*B01D 25/164* (2006.01)  
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*B01D 25/28* (2006.01)  
*F16J 15/02* (2006.01)  
*F16J 15/12* (2006.01)  
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 (54) A filter plate frame assembly, a horizontal filter press, such as a tower press, having such a plate frame assembly, and a method of replacing worn components of horizontal filter press  
 (51) Int. Cl.  
*B01D 25/164* (2006.01)  
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 (51) Int. Cl.  
*H02J 7/00* (2006.01)  
*H02J 7/35* (2006.01)  
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*A61G 12/00* (2006.01)  
*G06F 13/00* (2006.01)  
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*A61B 17/06* (2006.01)  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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A61P 35/00 ( 2006.01 )  
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C07K 16/22 ( 2006.01 )  
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(51) Int. Cl.  
A61K 31/706 ( 2006.01 )  
A61K 39/395 ( 2006.01 )  
A61K 45/06 ( 2006.01 )  
A61P 35/02 ( 2006.01 )  
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C07D 487/04 ( 2006.01 )  
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C07D 519/00 ( 2006.01 )  
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G06N 3/04 ( 2006.01 )  
G06F 8/41 ( 2018.01 )  
G06N 3/10 ( 2006.01 )  
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H04B 7/26 ( 2006.01 )  
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(51) Int. Cl.  
G06F 9/50 ( 2006.01 )  
G06F 9/38 ( 2018.01 )  
G06N 3/04 ( 2006.01 )  
G06N 3/063 ( 2006.01 )  
G06N 3/08 ( 2006.01 )  
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C07D 498/14 ( 2006.01 )  
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G01B 9/02 ( 2006.01 )  
A61B 3/10 ( 2006.01 )  
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(51) Int. Cl.  
A61F 13/15 ( 2006.01 )  
A61F 13/49 ( 2006.01 )  
A61F 13/551 ( 2006.01 )  
A61F 13/56 ( 2006.01 )  
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B23K 9/28 ( 2006.01 )  
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**G10L 15/06** ( 2013.01 )  
**G10L 15/16** ( 2006.01 )  
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**G06Q 10/08** ( 2012.01 )  
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**A62D 1/00** ( 2006.01 )  
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 (51) Int. Cl.  
**A61P 37/00** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
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**G01R 19/165** ( 2006.01 )  
**G01R 29/08** ( 2006.01 )  
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**H02J 15/00** ( 2006.01 )  
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(54) Autonomous machine navigation with object detection and 3D point cloud
- (51) Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**A01D 34/00** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )
- (87) WO2021/162840  
(31) 62/975,992 (32) 13.02.20 (33) US  
(43) 19.08.2021  
(72) PORTER, Trevor Myron; FRICK, Alexander Steven  
(74) Michael Buck IP
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- (71) The United States of America, as represented by The Secretary, Department of Health and Human Services; Georgia Tech Research Corporation  
(11) AU-A-2021209875

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 (54) Aryl hydantoin heterocycles and methods of use  
 (51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 31/4166** ( 2006.01 )  
**C07D 401/14** ( 2006.01 )  
**C07D 403/10** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
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 (31) 62/963,959 (32) 21.01.20 (33) US  
 (43) 29.07.2021  
 (72) GRYDER, Berkley E.; OYELERE, Ad-egboyega K.; TAPADAR, Subhasish; STROPE, Jonathan D.; FIGG Sr., William Douglas  
 (74) James & Wells Intellectual Property
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- (71) The United States of America, as Represented by the Secretary, Dept. of Health and Human Services  
 (11) AU-A-2020404978  
 (21) 2020404978 (22) 16.12.2020  
 (54) CD206 modulators their use and methods for preparation  
 (51) Int. Cl.  
**C07D 307/80** ( 2006.01 )  
**A61K 31/343** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/5025** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
 (87) WO2021/126923  
 (31) 62/950,488 (32) 19.12.19 (33) US  
 (43) 24.06.2021  
 (72) CALVO, Raul Rolando; BALJINNYAM, Bolormaa; DULCEY, Andres Eduardo; RUDLOFF, Udo; HENDERSON, Mark James; MARUGAN, Juan Jose; HU, Xin; SOUTHWALL, Noel Terrence; SABLE, Rushikesh Vilas  
 (74) Spruson & Ferguson
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- (71) The University of Melbourne; The Hong Kong Polytechnic University  
 (11) AU-A-2020412497  
 (21) 2020412497 (22) 23.12.2020  
 (54) Medical device and system and method for guiding positioning of same  
 (51) Int. Cl.  
**A61B 34/20** ( 2016.01 )  
**A61B 5/06** ( 2006.01 )  
 (87) WO2021/127738  
 (31) 2019904938 (32) 24.12.19 (33) AU  
 (43) 01.07.2021  
 (72) CHEN, Bernard; GERARD, Jean-Marc; N VADIVELU, Arvind Kumar; OETOMO, Denny Nurjanto; O'LEARY, Stephen John; TAM, Hwa-Yaw; LIU, Zhengyong; GUNAWARDENA, Dinusha Serandi  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Toray Industries, Inc.  
 (11) AU-A-2020413172  
 (21) 2020413172 (22) 21.12.2020  
 (54) Method and apparatus for producing membrane electrode assembly  
 (51) Int. Cl.  
**H01M 4/88** ( 2006.01 )  
**H01M 8/10** ( 2016.01 )  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/1023** ( 2016.01 )  
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 (31) 2019-231592 (32) 23.12.19 (33) JP  
 (43) 01.07.2021  
 (72) SHINTAKU, Yuta; SAKASHITA, Ryuta; IZUHARA, Daisuke; MINOURA, Kiyoshi; KUMAGAI, Mei  
 (74) Davies Collison Cave Pty Ltd
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- (71) Toray Industries, Inc.  
 (11) AU-A-2020413859  
 (21) 2020413859 (22) 21.12.2020  
 (54) Manufacturing method and manufacturing device for film/catalyst assembly  
 (51) Int. Cl.  
**H01M 4/88** ( 2006.01 )  
**H01M 8/10** ( 2016.01 )  
**H01M 8/1004** ( 2016.01 )  
**H01M 8/1023** ( 2016.01 )  
**H01M 8/1025** ( 2016.01 )  
**H01M 8/1032** ( 2016.01 )  
 (87) WO2021/132137  
 (31) 2019-231591 (32) 23.12.19 (33) JP  
 (43) 01.07.2021  
 (72) SHINTAKU, Yuta; SAKASHITA, Ryuta; IZUHARA, Daisuke; MINOURA, Kiyoshi; KUMAGAI, Mei  
 (74) Davies Collison Cave Pty Ltd
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- (71) Transform Materials LLC  
 (11) AU-A-2021210948  
 (21) 2021210948 (22) 22.01.2021  
 (54) Systems and methods for processing gases  
 (51) Int. Cl.  
**B01J 19/12** ( 2006.01 )  
**C07C 11/24** ( 2006.01 )  
**C07C 21/06** ( 2006.01 )  
**C10G 15/12** ( 2006.01 )  
**C10G 47/22** ( 2006.01 )  
**C10H 15/06** ( 2006.01 )  
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 (31) 62/964,977 (32) 23.01.20 (33) US  
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Translate Bio, Inc.  
 (11) AU-A-2020405214  
 (21) 2020405214 (22) 21.12.2020  
 (54) Improved process of preparing mRNA-loaded lipid nanoparticles  
 (51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
 (87) WO2021/127641  
 (31) 62/951,784 (32) 20.12.19 (33) US  
 (43) 24.06.2021  
 (72) KARVE, Shrirang; DEROSA, Frank; SARODE, Ashish; MONTOYA, Natalia Vargas; PATEL, Priyal  
 (74) Griffith Hack
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- (71) Translate Bio, Inc.  
 (11) AU-A-2020408059  
 (21) 2020408059 (22) 18.12.2020  
 (54) Rectal delivery of messenger RNA  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/02** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 9/51** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
 (87) WO2021/127394  
 (31) 62/951,844 (32) 20.12.19 (33) US  
 (43) 24.06.2021  
 (72) KARVE, Shrirang; DEROSA, Frank; SARODE, Ashish  
 (74) Griffith Hack
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- (71) Triviumvet DAC  
 (11) AU-A-2020410545  
 (21) 2020410545 (22) 18.12.2020  
 (54) Veterinary formulations comprising rapamycin and methods of using the same for treating animal diseases  
 (51) Int. Cl.  
**A61K 9/10** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
**A61K 47/30** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 9/00** ( 2006.01 )  
 (87) WO2021/124264  
 (31) 62/950,480 (32) 19.12.19 (33) US  
 (43) 24.06.2021  
 (72) BRENNAN, Tom; GRUBB, Louise; BYRNE, Liam; FITZGERALD, Stuart  
 (74) Davies Collison Cave Pty Ltd
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- (71) Tusas- Turk Havacilik Ve Uzay Sanayii Anonim Sirketi  
 (11) AU-A-2020414291  
 (21) 2020414291 (22) 23.12.2020  
 (54) An integrated avionic system architecture  
 (51) Int. Cl.  
**G06F 11/14** ( 2006.01 )  
 (87) WO2021/133346  
 (31) 2019/21508 (32) 25.12.19 (33) TR  
 (43) 01.07.2021  
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 (74) Davies Collison Cave Pty Ltd
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- (71) UCB Biopharma SRL  
 (11) AU-A-2020407279  
 (21) 2020407279 (22) 18.12.2020  
 (54) Multi-specific antibody with binding specificity for human IL-13 and IL-17  
 (51) Int. Cl.  
**C07K 16/24** ( 2006.01 )

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**A61P 37/08** ( 2006.01 )  
**C07K 16/18** ( 2006.01 )  
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**(31)** 1919061.0 **(32)** 20.12.19 **(33)** GB  
**(43)** 24.06.2021  
**(72)** KHAN, Adnan Rahman; HEYWOOD, Sam Philip; HUMPHREYS, David Paul; LIGHTWOOD, Daniel John; DAVE, Emma; BARRY, Emily Mary Cairistine; STANYON, Sarah Jayne  
**(74)** Griffith Hack
- 
- (71)** UCB Biopharma SRL  
**(11)** AU-A-2020407908  
**(21)** 2020407908 **(22)** 18.12.2020  
**(54)** Multi-specific antibodies  
**(51)** Int. Cl.  
**C07K 16/00** ( 2006.01 )  
**(87)** WO2021/123244  
**(31)** 1919058.6 **(32)** 20.12.19 **(33)** GB  
**(43)** 24.06.2021  
**(72)** BARRY, Emily Mary Cairistine; DAVE, Emma; HEYWOOD, Sam Philip  
**(74)** Griffith Hack
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- (71)** Universität Zürich  
**(11)** AU-A-2021280217  
**(21)** 2021280217 **(22)** 07.04.2021  
**(54)** Novel transduction enhancers and uses thereof  
**(51)** Int. Cl.  
**A61K 38/17** ( 2006.01 )  
**(87)** WO2021/239307  
**(31)** 20176940.3 **(32)** 27.05.20 **(33)** EP  
 20200387.7 06.10.20 EP  
**(43)** 02.12.2021  
**(72)** PASTUKHOV, Oleksandr; SILER, Ulrich; REICHENBACH, Janine  
**(74)** FPA Patent Attorneys Pty Ltd
- 
- (71)** University of Canterbury  
**(11)** AU-A-2021219062  
**(21)** 2021219062 **(22)** 12.02.2021  
**(54)** Microfluidic sealing valve and microfluidic circuit  
**(51)** Int. Cl.  
**B01L 3/00** ( 2006.01 )  
**F15B 21/00** ( 2006.01 )  
**F15C 1/00** ( 2006.01 )  
**F15D 1/00** ( 2006.01 )  
**(87)** WO2021/161229  
**(31)** 62/975,511 **(32)** 12.02.20 **(33)** US  
**(43)** 19.08.2021  
**(72)** DOBSON, Renwick Charles Joseph; DOLAMORE, Fabian Xenon Ole; MENGES, Julian; NOCK, Volker Michael; MEFFAN, Robert Claude  
**(74)** Blue Penguin IP Ltd
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- (71)** University of Leicester  
**(11)** AU-A-2021211930  
**(21)** 2021211930 **(22)** 22.01.2021  
**(54)** HDAC degrader  
**(51)** Int. Cl.  
**C07D 207/16** ( 2006.01 )  
**A61K 31/4015** ( 2006.01 )
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- A61K 31/427** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 401/04** ( 2006.01 )  
**C07D 417/12** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )  
**(87)** WO2021/148811  
**(31)** 2001023.7 **(32)** 24.01.20 **(33)** GB  
**(43)** 29.07.2021  
**(72)** COWLEY, Shaun; HODGKINSON, James; CROSS, Jasmine M.; SCHWABE, John; SMALLEY, Joshua; ADAMS, Grace; MILLARD, Chris  
**(74)** PHILLIPS ORMONDE FITZPATRICK
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- (71)** University of South Australia  
**(11)** AU-A-2020404452  
**(21)** 2020404452 **(22)** 18.12.2020  
**(54)** Ovarian cancer biomarker detection through ovarian blood sampling  
**(51)** Int. Cl.  
**G01N 33/574** ( 2006.01 )  
**(87)** WO2021/119759  
**(31)** 2019904854 **(32)** 20.12.19 **(33)** AU  
**(43)** 24.06.2021  
**(72)** HOFFMANN, Peter; OEHLER, Martin K.  
**(74)** PHILLIPS ORMONDE FITZPATRICK
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- (71)** UT-Battelle, LLC  
**(11)** AU-A-2020424027  
**(21)** 2020424027 **(22)** 21.01.2020  
**(54)** Separation of rare earth elements using supported membrane solvent extraction  
**(51)** Int. Cl.  
**B01D 11/04** ( 2006.01 )  
**B01D 69/08** ( 2006.01 )  
**C22B 3/26** ( 2006.01 )  
**C22B 59/00** ( 2006.01 )  
**(87)** WO2021/150208  
**(43)** 29.07.2021  
**(72)** BHAVE, Ramesh R.; ISLAM, Syed Z.; DESHMANE, Vishwanath  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Vaximm AG  
**(11)** AU-A-2021208400  
**(21)** 2021208400 **(22)** 12.01.2021  
**(54)** Salmonella-based DNA vaccines in combination with an antibiotic  
**(51)** Int. Cl.  
**A61K 31/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**(87)** WO2021/144254  
**(31)** 20151519.4 **(32)** 13.01.20 **(33)** EP  
 20174083.4 12.05.20 EP  
**(43)** 22.07.2021  
**(72)** LUBENAU, Heinz  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Velosbio Inc.  
**(11)** AU-A-2021217173  
**(21)** 2021217173 **(22)** 05.02.2021  
**(54)** Anti-ROR1 antibodies and compositions  
**(51)** Int. Cl.
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- C07K 16/28** ( 2006.01 )  
**(87)** WO2021/159029  
**(31)** 62/971,688 **(32)** 07.02.20 **(33)** US  
**(43)** 12.08.2021  
**(72)** WATKINS, Jeffrey D.; VO, Thanh-Trang; WATKINS, J. Monty  
**(74)** Spruson & Ferguson
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- (71)** Veridium IP Limited  
**(11)** AU-A-2021205292  
**(21)** 2021205292 **(22)** 06.01.2021  
**(54)** System and method for disentangling features specific to users, actions and devices recorded in motion sensor data  
**(51)** Int. Cl.  
**G06F 21/31** ( 2013.01 )  
**G06N 3/04** ( 2006.01 )  
**(87)** WO2021/140450  
**(31)** 62/957,653 **(32)** 06.01.20 **(33)** US  
**(43)** 15.07.2021  
**(72)** IONESCU, Radu Tudor; RISTEA, Nicolae-Cătălin; NOAICĂ, Cristina Mădălina; VLAD, Radu-Mihai; DUMITRAN, Ionu#  
**(74)** AJ PARK
- 
- (71)** Vimano Inc.  
**(11)** AU-A-2021278446  
**(21)** 2021278446 **(22)** 26.05.2021  
**(54)** Ion-conducting membranes, components having the ion-conducting membranes, and process for forming the same  
**(51)** Int. Cl.  
**H01M 8/0202** ( 2016.01 )  
**H01M 50/414** ( 2021.01 )  
**H01M 50/426** ( 2021.01 )  
**H01M 50/431** ( 2021.01 )  
**H01M 50/446** ( 2021.01 )  
**(87)** WO2021/240546  
**(31)** 202041021955 **(32)** 26.05.20 **(33)** IN  
**(43)** 02.12.2021  
**(72)** KINI, Nagesh Sanjeeva; RAMKUMAR, Murari  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Visa International Service Association  
**(11)** AU-A-2019478842  
**(21)** 2019478842 **(22)** 18.12.2019  
**(54)** Access management for cancelled requests in a distributed environment  
**(51)** Int. Cl.  
**G06Q 20/02** ( 2012.01 )  
**G06Q 20/40** ( 2012.01 )  
**(87)** WO2021/126193  
**(43)** 24.06.2021  
**(72)** TEAGUE, Paul; KELLY, Lee, James  
**(74)** PHILLIPS ORMONDE FITZPATRICK
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- (71)** Visa International Service Association  
**(11)** AU-A-2020424029  
**(21)** 2020424029 **(22)** 22.01.2020  
**(54)** System and method for revocable peer-to-peer payments  
**(51)** Int. Cl.  
**G06Q 20/02** ( 2012.01 )  
**G06Q 20/10** ( 2012.01 )

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

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**G06Q 20/38** ( 2012.01 )  
**H04L 9/08** ( 2006.01 )  
**(87)** WO2021/150218  
**(43)** 29.07.2021  
**(72)** BHASIN, Gurpreet Singh; NAYAK, Saswat Kumar  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Vulcan Energie Ressourcen GmbH  
**(11)** AU-A-2020441128  
**(21)** 2020441128 **(22)** 08.04.2020  
**(54)** System and process for direct lithium extraction and production of low carbon intensity lithium chemicals from geothermal brines  
**(51)** Int. Cl.  
**F24T 10/20** ( 2018.01 )  
**C01D 15/02** ( 2006.01 )  
**C01D 15/08** ( 2006.01 )  
**F03G 7/04** ( 2006.01 )  
**(87)** WO2021/204375  
**(43)** 14.10.2021  
**(72)** WEDIN, Francis; GRANT, Alexander  
**(74)** WRAYS PTY LTD
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- (71)** W. L. Gore & Associates, Inc.  
**(11)** AU-A-2020407128  
**(21)** 2020407128 **(22)** 18.12.2020  
**(54)** Support structure for an implantable device with enhanced compressive stiffness region(s)  
**(51)** Int. Cl.  
**A61F 2/24** ( 2006.01 )  
**A61F 2/915** ( 2013.01 )  
**(87)** WO2021/127536  
**(31)** 62/951,292 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** DIENNO, Dustin V.  
**(74)** Griffith Hack
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- (71)** Wanka Tanka Ltd.  
**(11)** AU-A-2020417058  
**(21)** 2020417058 **(22)** 31.12.2020  
**(54)** Extended release plastic formulation  
**(51)** Int. Cl.  
**A01K 27/00** ( 2006.01 )  
**A01N 33/08** ( 2006.01 )  
**A01N 43/30** ( 2006.01 )  
**(87)** WO2021/137240  
**(31)** 62/955,461 **(32)** 31.12.19 **(33)** US  
**(43)** 08.07.2021  
**(72)** VARDI, Amnon  
**(74)** Michael Buck IP
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- (71)** Weber-Stephen Products LLC  
**(11)** AU-A-2020437162  
**(21)** 2020437162 **(22)** 15.07.2020  
**(54)** Ignition-based protocols for pellet grills  
**(51)** Int. Cl.  
**A47J 37/07** ( 2006.01 )  
**B65G 33/04** ( 2006.01 )  
**F23B 40/02** ( 2006.01 )  
**(87)** WO2021/188142  
**(31)** 62/990,788 **(32)** 17.03.20 **(33)** US  
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- (43)** 23.09.2021  
**(72)** DONNELLY, Brian C.; LUNDBERG, Ryan P.; ALBRECHT, Ethan; ECKHARDT, David; VADLAMANI, Laasya P.  
**(74)** WRAYS PTY LTD
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- (71)** Weir Minerals Netherlands B.V.  
**(11)** AU-A-2021215896  
**(21)** 2021215896 **(22)** 02.02.2021  
**(54)** Dewatering system  
**(51)** Int. Cl.  
**B07B 1/28** ( 2006.01 )  
**B03B 7/00** ( 2006.01 )  
**B03B 9/00** ( 2006.01 )  
**B04C 9/00** ( 2006.01 )  
**C02F 11/12** ( 2019.01 )  
**E21B 21/06** ( 2006.01 )  
**(87)** WO2021/156744  
**(31)** 2001698.6 **(32)** 07.02.20 **(33)** GB  
**(43)** 12.08.2021  
**(72)** VAN RIJSWICK, Rudolfus;  
 KRUYSWIJK, Jacob  
**(74)** WEIR MINERALS AUSTRALIA LTD
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- (71)** Wonderland Switzerland AG  
**(11)** AU-A-2021207544  
**(21)** 2021207544 **(22)** 18.01.2021  
**(54)** Bassinet accessory for a playard  
**(51)** Int. Cl.  
**A47D 11/00** ( 2006.01 )  
**(87)** WO2021/146688  
**(31)** 63/021,950 **(32)** 08.05.20 **(33)** US  
 62/962,435 17.01.20 US  
**(43)** 22.07.2021  
**(72)** PACELLA, Jonathan M.  
**(74)** PIPERS
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- (71)** Wyss Center for Bio and Neuro Engineering  
**(11)** AU-A-2021209663  
**(21)** 2021209663 **(22)** 22.01.2021  
**(54)** Implantable medical devices with insertably removable elements  
**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/372** ( 2006.01 )  
**(87)** WO2021/150827  
**(31)** 62/964,918 **(32)** 23.01.20 **(33)** US  
 63/131,595 29.12.20 US  
**(43)** 29.07.2021  
**(72)** BERTOLOTE, Tiago; GONGORA, Christopher D.; TOMPKINS, Dana D.; CLÉMENT, Claude  
**(74)** Spruson & Ferguson
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- (71)** Xiamen University; Xiamen Innovax Biotech Co., Ltd.  
**(11)** AU-A-2020417604  
**(21)** 2020417604 **(22)** 09.11.2020  
**(54)** Multimerization delivery system for intracellular delivery of molecule  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**(87)** WO2021/135647  
**(31)** 201911414575.7 **(32)** 31.12.19 **(33)** CN
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- (43)** 08.07.2021  
**(72)** GE, Shengxiang; YU, Siyuan; YANG, Han; PAN, Haifeng; REN, Shuling; LI, Tingdong; GUO, Qingshun; XIONG, Junhui; ZHANG, Jun; XIA, Ningshao  
**(74)** Davies Collison Cave Pty Ltd
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- (71)** Xu, Y.  
**(11)** AU-A-2020404480  
**(21)** 2020404480 **(22)** 19.12.2020  
**(54)** System and method for managing associations in an online network  
**(51)** Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**G06Q 20/40** ( 2012.01 )  
**H04L 12/16** ( 2006.01 )  
**(87)** WO2021/119849  
**(31)** 62/950,901 **(32)** 19.12.19 **(33)** US  
**(43)** 24.06.2021  
**(72)** XU, Yuzhen  
**(74)** Raman Deep Singh
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- (71)** Yantai Jereh Petroleum Equipment & Technologies Co., Ltd.  
**(11)** AU-A-2021390073  
**(21)** 2021390073 **(22)** 26.05.2021  
**(54)** Fracturing apparatus and fracturing system  
**(51)** Int. Cl.  
**E21B 43/26** ( 2006.01 )  
**(87)** WO2022/116483  
**(31)** 202011396988.X **(32)** 04.12.20 **(33)** CN  
 202110426496.9 20.04.21 CN  
**(43)** 09.06.2022  
**(72)** ZHANG, Peng; LV, Liang; ZHANG, Rikui; MAO, Zhuqing; WANG, Jianwei; LAN, Chunqiang; WU, Yipeng; LI, Xincheng  
**(74)** FB Rice Pty Ltd
- 
- (71)** Zeon Corporation; Yupo Corporation  
**(11)** AU-A-2021223757  
**(21)** 2021223757 **(22)** 15.02.2021  
**(54)** Self-suction foamed multilayer sheet  
**(51)** Int. Cl.  
**B32B 5/24** ( 2006.01 )  
**C08J 9/30** ( 2006.01 )  
**(87)** WO2021/166862  
**(31)** 2020-026400 **(32)** 19.02.20 **(33)** JP  
**(43)** 26.08.2021  
**(72)** NISHIMURA, Shunsuke; SAEKI, Kosuke; SHIKANO, Tamio  
**(74)** Spruson & Ferguson
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- (71)** Zhengzhou University  
**(11)** AU-A-2020410472  
**(21)** 2020410472 **(22)** 17.12.2020  
**(54)** Method for carbothermic smelting of magnesium and co-production of calcium carbide  
**(51)** Int. Cl.  
**C22B 26/22** ( 2006.01 )  
**(87)** WO2021/121312  
**(31)** 201911302508.6 **(32)** 17.12.19 **(33)** CN  
**(43)** 24.06.2021  
**(72)** ZHANG, Shaojun  
**(74)** Davies Collison Cave Pty Ltd

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(71) Zhuhai Shu Tong Medical Technology Co., Ltd.  
(11) AU-A-2020455080  
(21) 2020455080 (22) 11.11.2020  
(54) Vaginal gel preparation and preparation method therefor  
(51) Int. Cl.  
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A61K 47/36 ( 2006.01 )  
A61K 48/00 ( 2006.01 )  
A61P 15/00 ( 2006.01 )  
A61P 15/02 ( 2006.01 )  
A61P 31/22 ( 2006.01 )  
A61P 35/00 ( 2006.01 )  
(87) WO2021/258614  
(31) 202010594395.8 (32) 24.06.20 (33) CN  
(43) 30.12.2021  
(72) CHENG, Huanhuan  
(74) Davies Collison Cave Pty Ltd

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(71) ZTE Corporation  
(11) AU-A-2020381558  
(21) 2020381558 (22) 20.01.2020  
(54) Method for slice specific information  
(51) Int. Cl.  
H04W 48/20 ( 2009.01 )  
(87) WO2021/093173  
(43) 20.05.2021  
(72) GAO, Yuan; HUANG, He; LI, Wenting  
(74) Davies Collison Cave Pty Ltd

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(71) ZTE Corporation  
(11) AU-A-2020397127  
(21) 2020397127 (22) 30.04.2020  
(54) Reference signal resource management for fast panel switching and antenna switching  
(51) Int. Cl.  
H04W 72/04 ( 2009.01 )  
(87) WO2021/109438  
(43) 10.06.2021  
(72) GAO, Bo; LU, Zhaohua; LI, Yu Ngok; YAO, Ke; ZHANG, Shujuan; WU, Hao  
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd



Numerical Index

<b>2019478842</b>	Visa International Service Association	<b>2020408101</b>	Allergan Pharmaceuticals International, Ltd
<b>2019479398</b>	LG Electronics Inc.	<b>2020408132</b>	AdvanSix Resins & Chemicals LLC
<b>2019480892</b>	Metso Outotec Finland Oy	<b>2020408282</b>	Janssen Biotech, Inc.
<b>2019481138</b>	Metso Outotec Finland Oy	<b>2020408299</b>	Johnson & Johnson Surgical Vision, Inc.
<b>2020381558</b>	ZTE Corporation	<b>2020408323</b>	Tenax Therapeutics, Inc.
<b>2020397127</b>	ZTE Corporation	<b>2020408351</b>	Elanco Tiergesundheit AG
<b>2020402166</b>	Iothic Ltd	<b>2020408557</b>	Eisai R&D Management Co., Ltd.
<b>2020403846</b>	Merck Patent GmbH	<b>2020408707</b>	Janssen Biotech, Inc.
<b>2020403864</b>	Inbiose N.V.	<b>2020408836</b>	LG Electronics Inc.
<b>2020404099</b>	Medos International Sarl	<b>2020409005</b>	Butzloff, P.R.
<b>2020404128</b>	Janssen Pharmaceutica NV	<b>2020409316</b>	LG Electronics Inc.
<b>2020404317</b>	Janssen Pharmaceutica NV	<b>2020409577</b>	GE Healthcare Limited
<b>2020404324</b>	Fundamenta Therapeutics Inc.	<b>2020409718</b>	Paris Sciences et Lettres; Centre National de la Recherche Scientifique (CNRS); Ecole Supérieure de Physique et de Chimie Industrielles de la Ville de Paris
<b>2020404326</b>	Evopoint Biosciences Co., Ltd.		Janssen Pharmaceutica NV
<b>2020404445</b>	Abyss Solutions Pty Ltd	<b>2020409728</b>	LG Electronics Inc.
<b>2020404452</b>	University of South Australia	<b>2020409824</b>	LG Electronics Inc.
<b>2020404480</b>	Xu, Y.	<b>2020409825</b>	LG Electronics Inc.
<b>2020404892</b>	SunPower Corporation	<b>2020409887</b>	Centro de Inmunologia Molecular
<b>2020404901</b>	NVIDIA Corporation	<b>2020409987</b>	IFE Aufbereitungstechnik GmbH
<b>2020404923</b>	Mahana Therapeutics, Inc.	<b>2020410098</b>	Protective Innovations Pty Ltd
<b>2020404935</b>	NVIDIA Corporation	<b>2020410101</b>	Petróleo Brasileiro S.A. - Petrobras
<b>2020404936</b>	Nvidia Corporation	<b>2020410170</b>	Johnson Matthey Public Limited Company
<b>2020404978</b>	The United States of America, as Represented by the Secretary, Dept. of Health and Human Services	<b>2020410187</b>	ReNeuron Limited
<b>2020405017</b>	SharkNinja Operating LLC	<b>2020410242</b>	Evonik Operations GmbH
<b>2020405096</b>	Principia Biopharma Inc.	<b>2020410281</b>	Johnson & Johnson Consumer Inc.
<b>2020405141</b>	Georgia Tech Research Corporation	<b>2020410412</b>	Johnson & Johnson Surgical Vision, Inc.
<b>2020405200</b>	Sonos, Inc.	<b>2020410422</b>	Johnson & Johnson Surgical Vision, Inc.
<b>2020405214</b>	Translate Bio, Inc.	<b>2020410472</b>	Zhengzhou University
<b>2020405218</b>	CTC Global Corporation	<b>2020410545</b>	Triviumvet DAC
<b>2020405352</b>	GE Healthcare AS	<b>2020410910</b>	ResMed Pty Ltd
<b>2020405366</b>	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	<b>2020410914</b>	Lateral IP Pty Ltd
<b>2020405410</b>	Janssen Biotech, Inc.	<b>2020412067</b>	Beijing Innocare Pharma Tech Co., Ltd.
<b>2020405434</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2020412493</b>	Iuliano, S.
<b>2020405513</b>	Johnson & Johnson Consumer Inc.	<b>2020412497</b>	The University of Melbourne; The Hong Kong Polytechnic University
<b>2020405535</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2020412710</b>	Blueprint Medicines Corporation
<b>2020405537</b>	Bolt Threads, Inc.	<b>2020413030</b>	Suntory Holdings Limited
<b>2020405549</b>	Liminal BioSciences Limited	<b>2020413172</b>	Toray Industries, Inc.
<b>2020405585</b>	Technische Universität München	<b>2020413847</b>	Suntory Holdings Limited
<b>2020405786</b>	Henkel AG & Co. KGaA	<b>2020413859</b>	Toray Industries, Inc.
<b>2020406018</b>	Sanofi	<b>2020413912</b>	Terumo Kabushiki Kaisha
<b>2020406072</b>	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	<b>2020414132</b>	Beijing Scitech-MQ Pharmaceuticals Limited
<b>2020406076</b>	Depuy Ireland Unlimited Company	<b>2020414244</b>	Centro de Ingenieria Genetica y Biotecnologia
<b>2020406151</b>	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung e.V.	<b>2020414291</b>	Tusas- Turk Havacilik Ve Uzay Sanayii Anonim Sirketi
<b>2020406347</b>	Janssen Biotech, Inc.	<b>2020414355</b>	Neoleukin Therapeutics, Inc.
<b>2020406350</b>	Novartis AG	<b>2020414438</b>	Debrececi Egyetem
<b>2020406668</b>	Doratz Investments Pty Ltd	<b>2020415178</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung E. V.
<b>2020406746</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	<b>2020415254</b>	Mindspeller BCI BV
<b>2020406770</b>	Shandong University	<b>2020415452</b>	Blue Fury Consulting, LLC
<b>2020406821</b>	LG Electronics Inc.	<b>2020415482</b>	Intermarine S.p.A.
<b>2020406824</b>	Korea Research Institute of Chemical Technology	<b>2020415495</b>	Lumus Ltd.
<b>2020407056</b>	NanoFlex Power Corporation	<b>2020415695</b>	Suntory Holdings Limited
<b>2020407128</b>	W. L. Gore & Associates, Inc.	<b>2020416542</b>	RUAG Ammotec AG
<b>2020407219</b>	Landis+Gyr Innovations, Inc.	<b>2020416549</b>	Primalchit Solutions, S.L.; Escrig, F.; Consejo Superior de Investigaciones Cientificas (CSIC); Universitat Politècnica de València
<b>2020407270</b>	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	<b>2020416715</b>	Merck Sharp & Dohme Corp.; Eisai R&D Management Co., Ltd.
<b>2020407279</b>	UCB Biopharma SRL	<b>2020417058</b>	Wanka Tanka Ltd.
<b>2020407285</b>	CureVac AG	<b>2020417274</b>	Shale Ingenuity, LLC
<b>2020407551</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2020417604</b>	Xiamen University; Xiamen Innovax Biotech Co., Ltd.
<b>2020407633</b>	Niantic, Inc.	<b>2020417866</b>	Dream Technology (Shanghai) Co., Ltd.
<b>2020407908</b>	UCB Biopharma SRL	<b>2020418583</b>	Staples, G.
<b>2020408059</b>	Translate Bio, Inc.	<b>2020420882</b>	Huawei Technologies Co., Ltd.
<b>2020408092</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2020422384</b>	Cryoport, Inc.
<b>2020408095</b>	Johnson & Johnson Surgical Vision, Inc.	<b>2020422439</b>	Cargill, Incorporated

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

2020422462	Coors Brewing Company	2021208649	Graphene-Dx, Inc.
2020423059	Blakemere Engineering Pty Ltd	2021208650	Case Western Reserve University; The United States Government as represented by the Department of Veteran Affairs
2020423318	Leitl, P.		
2020423979	Shenzhen Rhegen Biotechnology Co., Ltd.	2021208672	Oribiotech Ltd
2020424027	UT-Battelle, LLC	2021208762	Shengke Pharmaceuticals (Jiangsu) Ltd.
2020424029	Visa International Service Association	2021208843	Inventio AG
2020424030	RadTran LLC	2021208850	Asahi Kasei Construction Materials Corporation
2020424483	Big Blue Technologies LLC	2021208972	Takeda Pharmaceutical Company Limited
2020424507	Hess Corporation	2021209079	Inguran, LLC
2020424969	Kimitec BioGroup, S.L.	2021209378	Covestro (Netherlands) B.V.
2020424983	Aggarwal, R.	2021209384	Covestro (Netherlands) B.V.
2020425168	Dow Global Technologies LLC	2021209385	Covestro (Netherlands) B.V.
2020425281	MDimune Inc.	2021209663	Wyss Center for Bio and Neuro Engineering
2020425837	Siemens Energy Global GmbH & Co. KG	2021209790	BASF SE
2020429130	Merck Patent GmbH	2021209811	BASF SE
2020429466	Massachusetts Institute of Technology	2021209875	The United States of America, as represented by The Secretary, Department of Health and Human Services; Georgia Tech Research Corporation
2020430102	Mitsubishi Shipbuilding Co., Ltd.		
2020432001	Sandvik Mining and Construction Australia (Production Supply) Pty Ltd; Sandvik Mining and Construction Oy	2021209910	HB Innovations, Inc.
	Weber-Stephen Products LLC	2021210110	BASF SE
2020437162	Mascarenhas, D.	2021210228	Bridon International Ltd
2020437795	Vulcan Energie Ressourcen GmbH	2021210280	DVx Inc.
2020441128	Metso Outotec Finland Oy	2021210371	Cummins Power Generation Inc.
2020442210	Metso Outotec Finland Oy	2021210408	Sukay, L.
2020442508	Metso Outotec Finland Oy	2021210440	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2020442509	Metso Outotec Finland Oy		
2020442895	Metso Outotec Finland Oy	2021210594	Covestro (Netherlands) B.V.
2020443050	Halliburton Energy Services, Inc.	2021210597	Covestro (Netherlands) B.V.
2020444889	General Electric Company	2021210738	DVx Inc.
2020455080	Zhuhai Shu Tong Medical Technology Co., Ltd.	2021210948	Transform Materials LLC
2020457486	Jushi Group Co., Ltd.	2021211011	Nevro Corp.; Lee, D.
2020457692	Jushi Group Co., Ltd.	2021211090	BASF SE
2020466884	Contemporary Amperex Technology Co., Limited	2021211131	Marin Rodriguez, F.
2020470228	Contemporary Amperex Technology Co., Limited	2021211236	Axcess (UK) Ltd
2020470348	Contemporary Amperex Technology Co., Limited	2021211416	REGENXBIO Inc.
2021201606	Huawei Technologies Co., Ltd.	2021211661	M7D Corporation
2021201607	Huawei Technologies Co., Ltd.	2021211725	Oregon Health & Science University
2021204309	PXiSE Energy Solutions, LLC	2021211730	Spark Therapeutics, Inc.
2021204967	Finch, S.	2021211799	Innovent Biologics (Suzhou) Co., Ltd.
2021205292	Veridium IP Limited	2021211930	University of Leicester
2021205561	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2021211940	Bridon International Ltd
		2021212170	Encore Medical, L.P. (d/b/a DJO Surgical)
2021205782	Citech Energy Recovery System Malaysia Sdn Bhd	2021212305	Allarity Therapeutics Europe ApS
2021205837	Guide Therapeutics, LLC	2021212559	Aimed Bio Inc.
2021205873	Coats & Clark, Inc.	2021212613	American Sterilizer Company
2021206097	Huawei Technologies Co., Ltd.	2021212621	Pindrop Security, Inc.
2021206184	Dive Technologies Inc.	2021212662	Genentech, Inc.; F. Hoffmann-La Roche AG
2021206185	ELC Management LLC	2021213075	E2Metrix, Inc.
2021206233	Fusion Pharmaceuticals Inc.	2021213321	Abivax; Centre National De La Recherche Scientifique; Universite de Montpellier; Institut Curie
2021206431	Huawei Technologies Co., Ltd.		
2021206494	Globalforce IP Limited	2021213816	The Sherwin-Williams Company
2021206502	ICU Medical, Inc.	2021213918	Paul Hartmann AG
2021206955	Kyocera Corporation	2021214172	TekDry International, Inc.
2021206997	Astellas Pharma Inc.	2021214706	Ceva Sante Animale
2021207189	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2021214758	Loci Controls, Inc.
		2021214927	Mountain Aerospace Research Solutions, Inc.
2021207236	HepaRegeniX GmbH	2021215061	Silca S.p.A.
2021207348	Novartis AG	2021215307	Bayer Aktiengesellschaft
2021207382	Bennamann Services Ltd.	2021215707	Ellex Medical Pty Ltd
2021207443	S. C. Johnson & Son, Inc.	2021215896	Weir Minerals Netherlands B.V.
2021207454	Fluent Biosciences Inc.	2021216361	The Board of Regents of The University of Texas System; Immune-Onc Therapeutics, Inc.
2021207536	Sami-Sabinsa Group Limited		
2021207544	Wonderland Switzerland AG	2021216389	Codexis, Inc.
2021207581	Fluent Biosciences Inc.	2021216505	Italttractor ITM S.p.A.
2021207683	Asklepios BioPharmaceutical, Inc.	2021216590	Spark Thermionics, Inc.
2021207775	Lupin Limited	2021217126	Bellaseno GmbH
2021207908	FMC Corporation	2021217173	Velosbio Inc.
2021207993	Sana Biotechnology, Inc.	2021217438	Bayer Aktiengesellschaft
2021208019	NeoChord, Inc.	2021217480	Fileclo Sp. z o.o.
2021208274	Inventio AG	2021217484	Dermaliq Therapeutics, Inc.
2021208400	Vaximm AG		
2021208466	Fluent Biosciences Inc.		
2021208625	Ecogenus LLC		

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

2021217507	Gebrüder Linck, Maschinenfabrik "Gatterlinck" GmbH & Co.KG
2021217816	Gain Therapeutics SA
2021218257	The Toro Company
2021218647	The Toro Company
2021219062	University of Canterbury
2021219361	Chevron U.S.A. Inc.
2021220276	EpinovaTech AB
2021221304	NEC Platforms, Ltd.
2021223013	AAK AB (publ)
2021223081	ConvaTec Limited
2021223219	AAK AB (publ)
2021223487	Shell Internationale Research Maatschappij B.V.
2021223757	Zeon Corporation; Yupo Corporation
2021224877	Cryosa, Inc.
2021224923	Nurix Therapeutics, Inc.; Gilead Sciences, Inc.
2021224956	Bio Optimal Limited
2021225085	BioMeca
2021225094	ConvaTec Limited
2021225333	Katholieke Universiteit Leuven
2021226178	Auckland Uniservices Limited
2021226336	Phanes Therapeutics, Inc.
2021227304	Airbus Defence and Space SAS
2021228209	Academisch Medisch Centrum; Wageningen Universiteit
2021231830	Raytheon Company
2021232054	Boston Scientific Scimed, Inc.
2021232612	Alfen Medical Devices Development Ltd
2021234183	International Business Machines Corporation
2021236009	Sirio Healthcare (Anhui) Co., Ltd
2021238969	International Business Machines Corporation
2021239078	Biomodifying, LLC; Ramot At Tel-Aviv University Ltd.
2021243461	F. Hoffmann-La Roche AG; Ncl New Concept Lab GmbH
2021246253	Lim, L.
2021249209	Citrix Systems, Inc.
2021250449	Artdrone
2021278446	Vimano Inc.
2021279428	Lyrus Life Sciences Pvt Ltd; Nokha Trading LLP
2021280217	Universität Zürich
2021282084	CBN Nano Technologies Inc.
2021282558	State Grid Henan Electric Power Research Institute; Huazhong University of Science and Technology
2021292219	PPG Industries Ohio, Inc.
2021311118	Lyrus Life Sciences Pvt. Ltd.; Nokha Trading LLP
2021361130	Indizen Optical Technologies S.L.
2021372956	Jing, Z.
2021390073	Yantai Jereh Petroleum Equipment & Technologies Co., Ltd.

IPC Index

<b><u>A01D 34 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A47J 37 /-</u></b>	2021224877	2020408059	2020410545
2021218257	2021210110		2021225094	2020410914	2020417604
2021218647	2021211090	2020437162		2020414244	2020455080
			<b><u>A61F 9 /-</u></b>	2020414355	2021204967
<b><u>A01G 13 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A47L 11 /-</u></b>	2021215707	2021205561	2021205837
2020412493	2020424969	2019479398		2021208650	2021213321
			<b><u>A61G 12 /-</u></b>	2021211416	2021279428
<b><u>A01G 27 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A47L 9 /-</u></b>	2021221304	2021211730	2021311118
2020412493	2021223013	2020405017		2021217816	
	2021223219		<b><u>A61J 3 /-</u></b>	2021280217	<b><u>A61L 27 /-</u></b>
<b><u>A01G 29 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A61B 1 /-</u></b>	2021204967		2020408101
2020412493	2021223013	2021232612		<b><u>A61K 39 /-</u></b>	2021206955
	2021223219	2021250449	<b><u>A61J 7 /-</u></b>	2020406350	2021217126
<b><u>A01K 27 /-</u></b>	<b><u>A23G 3 /-</u></b>	<b><u>A61B 17 /-</u></b>	2021204967	2020407279	
2020417058	2021236009	2020404099		2020408707	<b><u>A61L 9 /-</u></b>
<b><u>A01M 7 /-</u></b>	<b><u>A23K 20 /-</u></b>	2020415452	<b><u>A61K 31 /-</u></b>	2020414244	2021207443
2021215307	2021214706	2021208019	2020404317	2020414355	
2021217438		2021224877	2020404326	2020416715	<b><u>A61M 1 /-</u></b>
		2021232054	2020404978	2021205561	2020405434
<b><u>A01N 25 /-</u></b>	<b><u>A23K 50 /-</u></b>	2021250449	2020405096	2021207348	2020405535
2021210110	2021214706		2020406824	2021208400	2020407551
2021211090		<b><u>A61B 18 /-</u></b>	2020407285	2021211730	2020408092
2021217484		2021224877	2020408557	202121799	2020408095
	<b><u>A23L 2 /-</u></b>	<b><u>A61B 3 /-</u></b>	2020409728	2021212662	2020408299
<b><u>A01N 29 /-</u></b>	2020413030	2020409718	2020409887	<b><u>A61K 45 /-</u></b>	2020410412
2021217484	2020413847		2020410545	2021207348	<b><u>A61M 11 /-</u></b>
	2020415695	<b><u>A61B 34 /-</u></b>	2020412067	2021212662	2020410910
<b><u>A01N 33 /-</u></b>	2020422439	2020412497	2020412710		<b><u>A61M 13 /-</u></b>
2020417058		2021250449	2020413847	<b><u>A61K 47 /-</u></b>	2020410910
2021210110	<b><u>A23L 27 /-</u></b>	<b><u>A61B 5 /-</u></b>	2020414132	2020409887	
	2020413030	2020404923	2020414438	2020410545	<b><u>A61M 15 /-</u></b>
<b><u>A01N 35 /-</u></b>	<b><u>A23L 33 /-</u></b>	2020412497	2020416715	2020455080	2020410910
2020424969	2020413847	2021207236	2021207348	2021205837	
		2021207348	2021208400	2021212559	<b><u>A61M 16 /-</u></b>
<b><u>A01N 37 /-</u></b>	<b><u>A41D 19 /-</u></b>	2021208762	2021208762	2021226336	2020410910
2021217484	2020418583	2021209875	2021209875	2021239078	
		2021211236	2021211236	<b><u>A61K 48 /-</u></b>	<b><u>A61M 13 /-</u></b>
<b><u>A01N 43 /-</u></b>	<b><u>A45C 13 /-</u></b>	2021211416	2021211416	2020455080	2021232612
2020408351	2021213816	2021211930	2021211930	2021208972	
2020417058		2021212559	2021212559	2021211416	<b><u>A61M 39 /-</u></b>
2021207908	<b><u>A45D 34 /-</u></b>	2021212662	2021212662		2020406347
2021210110	2021206185	2021213321	2021213321	<b><u>A61K 49 /-</u></b>	2021206502
2021211090		2021214706	2021214706	2020405352	2021210280
	<b><u>A45D 40 /-</u></b>	2021217480	2021217480	2021211725	2021210738
<b><u>A01N 53 /-</u></b>	2021206185	2021217816	2021217816		<b><u>A61M 5 /-</u></b>
2021217484		2021224923	2021224923	<b><u>A61K 51 /-</u></b>	2020405410
	<b><u>A45F 3 /-</u></b>	2021225333	2021225333	2020405585	2020406018
<b><u>A01N 57 /-</u></b>	2021213816	2021228209	2021228209	2020424030	2020406347
2021210110		2021279428	2021279428	2021211725	2020408282
2021211090	<b><u>A47D 11 /-</u></b>	<b><u>A61K 33 /-</u></b>			2020413912
	2021207544	2021206233	<b><u>A61K 35 /-</u></b>	<b><u>A61K 8 /-</u></b>	2021206502
<b><u>A01N 65 /-</u></b>		2021212662	2020404324	2020405537	2021210280
2020424969	<b><u>A47G 27 /-</u></b>	2021213918	2021207536	2020408132	2021210738
	2020406668	<b><u>A61F 13 /-</u></b>	2021228209	2021206185	
		2021212170	<b><u>A61K 38 /-</u></b>		<b><u>A61M 1 /-</u></b>
		<b><u>A61F 5 /-</u></b>	2020403846	<b><u>A61K 9 /-</u></b>	2021209663
		2021223081	2020405214	2020405214	2021211011
				2020408059	<b><u>A61N 5 /-</u></b>
				2020408323	2021215707
				2020409887	

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

2021246253	2021212662	<b><u>B01D 25 /-</u></b>	<b><u>B09B 1 /-</u></b>	<b><u>B32B 27 /-</u></b>	<b><u>B65D 75 /-</u></b>
<b><u>A61P 1 /-</u></b>	2021216361				
	2021217480	2020442210	2021214758	2020425168	2020404128
	2021224923	2020442508		2021208850	
2020404317		2020442509	<b><u>B22F 3 /-</u></b>		<b><u>B65D 90 /-</u></b>
2020406824	<b><u>A61P 37 /-</u></b>	2020442895	2020429466	<b><u>B32B 5 /-</u></b>	2020430102
2020407285					
2020409887	2020405096	<b><u>B01D 29 /-</u></b>		2021208850	
2021207236	2020407279		<b><u>B23B 47 /-</u></b>	2021223757	<b><u>B65F 1 /-</u></b>
	2020407285	2020423059			
<b><u>A61P 15 /-</u></b>	2020414244	<b><u>B01D 35 /-</u></b>	2020415452	<b><u>B33Y 10 /-</u></b>	2020417866
	2020437795				
2020455080	2021211799	2020423059	<b><u>B23K 9 /-</u></b>	2021361130	<b><u>B65G 33 /-</u></b>
	2021228209				
<b><u>A61P 19 /-</u></b>		<b><u>B01D 46 /-</u></b>	2020410101	<b><u>B33Y 30 /-</u></b>	2020437162
	<b><u>A61P 43 /-</u></b>				
2020403846		<b><u>B01D 46 /-</u></b>	<b><u>B25C 1 /-</u></b>	2021361130	<b><u>B66B 19 /-</u></b>
2020437795	2020413847	2020409824			
2021217816	2021211236		2021206494	<b><u>B33Y 50 /-</u></b>	2021208274
		<b><u>B01D 5 /-</u></b>			2021208843
<b><u>A61P 25 /-</u></b>	<b><u>A61P 5 /-</u></b>	2020424483	<b><u>B25H 3 /-</u></b>	2021217126	<b><u>C01B 32 /-</u></b>
2020406824	2021228209	<b><u>B01D 53 /-</u></b>	2021213816	<b><u>B33Y 80 /-</u></b>	2021211661
2020408557					
2020409728	<b><u>A61P 7 /-</u></b>	2020425837	<b><u>B25J 11 /-</u></b>	2021361130	<b><u>C01D 15 /-</u></b>
2020410914					
	2020405549	<b><u>B01D 69 /-</u></b>	2019479398	<b><u>B60R 15 /-</u></b>	2020441128
<b><u>A61P 27 /-</u></b>					
	<b><u>A61P 9 /-</u></b>	2020424027	<b><u>B25J 19 /-</u></b>	2020406668	<b><u>C01G 53 /-</u></b>
2020437795					
	2020405549	<b><u>B01J 10 /-</u></b>	2019479398	<b><u>B62D 55 /-</u></b>	2020410170
<b><u>A61P 29 /-</u></b>	2020410545		<b><u>B25J 9 /-</u></b>		
	2020437795	2019480892		2021216505	<b><u>C02F 1 /-</u></b>
2020410914	2021212559	<b><u>B01J 19 /-</u></b>	2019479398	<b><u>B63B 11 /-</u></b>	2019480892
2021208650	2021228209				2021213075
		<b><u>B01Q 3 /-</u></b>	<b><u>B27B 15 /-</u></b>	2020415482	
<b><u>A61P 3 /-</u></b>	<b><u>A61Q 1 /-</u></b>	2021210948			<b><u>C02F 103 /-</u></b>
			2021217507	<b><u>B63B 3 /-</u></b>	
2020405549	2020408132	<b><u>B01L 3 /-</u></b>			
2020407285			<b><u>B27B 31 /-</u></b>	2020415482	2019480892
2020413847	<b><u>A61Q 11 /-</u></b>	2021207581		2021206184	<b><u>C02F 11 /-</u></b>
2020437795		2021219062	2021217507		
2021208762	2020408132	<b><u>B03B 7 /-</u></b>	<b><u>B29B 7 /-</u></b>	<b><u>B63B 5 /-</u></b>	2021215896
2021217816					
	<b><u>A61Q 19 /-</u></b>	2021215896	2019481138	2020415482	<b><u>C02F 3 /-</u></b>
<b><u>A61P 31 /-</u></b>					
2020406824	2020405537	<b><u>B03B 9 /-</u></b>	<b><u>B29C 44 /-</u></b>	<b><u>B63G 7 /-</u></b>	2019480892
2020407285	2020408132				
2020414438	2021206185	2021215896	2021208850	2020415482	<b><u>C02F 9 /-</u></b>
2020455080	<b><u>A61Q 5 /-</u></b>	<b><u>B03D 1 /-</u></b>	<b><u>B29C 57 /-</u></b>	<b><u>B63G 8 /-</u></b>	2021213075
2021225333					
	2020408132	2019480892	2021224956	2021206184	<b><u>C03C 13 /-</u></b>
<b><u>A61P 35 /-</u></b>	<b><u>A62C 3 /-</u></b>	<b><u>B04C 9 /-</u></b>	<b><u>B29C 64 /-</u></b>	<b><u>B63H 21 /-</u></b>	
2020404324	2021210408	2021215896	2021217126	2020415482	2020457486
2020404326		<b><u>B07B 1 /-</u></b>	<b><u>B29D 11 /-</u></b>		2020457692
2020404978	<b><u>A62C 5 /-</u></b>			<b><u>B64C 21 /-</u></b>	<b><u>C03C 3 /-</u></b>
2020405549		2021215896	2021361130		
2020405585	2021210408	2021215896	<b><u>B29K 61 /-</u></b>	2020423318	2020457486
2020406350		<b><u>B07B 4 /-</u></b>			2020457692
2020406824	<b><u>A62D 1 /-</u></b>		2021208850	<b><u>B64G 1 /-</u></b>	
2020407285		<b><u>B07B 9 /-</u></b>			<b><u>C07B 59 /-</u></b>
2020412067	2020416549		2021208850	2021227304	2020409577
2020412710		<b><u>B07B 9 /-</u></b>	<b><u>B29L 7 /-</u></b>		2020424030
2020414132	<b><u>A63F 13 /-</u></b>	2020409987		<b><u>B65D 39 /-</u></b>	
2020416715			2021208850		
2020437795	2020407633	2020409987	<b><u>B29L 9 /-</u></b>	2020422384	<b><u>C07C 11 /-</u></b>
2020455080					
2021207348	<b><u>B01D 11 /-</u></b>	2021219361	2021208850	<b><u>B65D 65 /-</u></b>	2021210948
2021208400					
2021209875	2020424027			2021372956	<b><u>C07C 15 /-</u></b>
2021211930					
2021212559					2021207908

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

<b><u>C07C 21 /-</u></b>	<b><u>C07D 241 /-</u></b>	2021211930	2020409887	<b><u>C09D 175 /-</u></b>	<b><u>C12M 3 /-</u></b>
2021210948	2021205837	<b><u>C07D 421 /-</u></b>	2020416715	2021209378	2021208672
<b><u>C07C 219 /-</u></b>	<b><u>C07D 243 /-</u></b>	2021212559	2021205561	2021209384	<b><u>C12N 1 /-</u></b>
2021205837	2021205837	<b><u>C07D 451 /-</u></b>	2021208400	2021209385	2020405537
<b><u>C07C 229 /-</u></b>	<b><u>C07D 257 /-</u></b>	2021205837	2021211799	2021209811	<b><u>C12N 15 /-</u></b>
2021205837	2020405352	<b><u>C07D 455 /-</u></b>	2021212662	2021210594	2020403864
<b><u>C07C 271 /-</u></b>	<b><u>C07D 261 /-</u></b>	2021205837	2021216361	2021210597	2020404324
2021205837	2020408351	<b><u>C07D 471 /-</u></b>	2021217173	<b><u>C09D 195 /-</u></b>	2020410187
<b><u>C07C 319 /-</u></b>	<b><u>C07D 263 /-</u></b>	2020404978	2021239078	2021209811	2021205561
2021206997	2021208762	2020409728	<b><u>C07K 7 /-</u></b>	<b><u>C09J 175 /-</u></b>	2021207454
<b><u>C07C 323 /-</u></b>	<b><u>C07D 295 /-</u></b>	2020412710	2020410914	2021209811	2021207581
2021206997	2021205837	2021207236	<b><u>C08F 2 /-</u></b>	<b><u>C09K 21 /-</u></b>	2021207683
<b><u>C07C 53 /-</u></b>	<b><u>C07D 303 /-</u></b>	2021225333	2021361130	2020416549	2021207993
2020405549	2020405549	<b><u>C07D 487 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C10G 15 /-</u></b>	2021208466
<b><u>C07C 57 /-</u></b>	<b><u>C07D 307 /-</u></b>	2020404326	2021209384	2021210948	2021208972
2020405549	2020404978	2020404978	2021209385	<b><u>C10G 47 /-</u></b>	<b><u>C12N 5 /-</u></b>
<b><u>C07D 203 /-</u></b>	<b><u>C07D 311 /-</u></b>	2020405096	2021209790	2021210948	2020404324
2021209378	2021207775	2021217816	2021209811	<b><u>C10H 1 /-</u></b>	2020405513
<b><u>C07D 205 /-</u></b>	<b><u>C07D 319 /-</u></b>	2021224923	2021210594	2021210948	2020410281
2021205837	2021205837	<b><u>C07D 491 /-</u></b>	2021210597	<b><u>C10H 15 /-</u></b>	2021207536
<b><u>C07D 207 /-</u></b>	<b><u>C07D 401 /-</u></b>	2020408351	<b><u>C08G 85 /-</u></b>	2021210948	2021216389
2021205837	2020404317	2020412710	2021209378	<b><u>C10H 1 /-</u></b>	<b><u>C12N 7 /-</u></b>
2021208762	2020406824	<b><u>C07D 493 /-</u></b>	<b><u>C08J 5 /-</u></b>	2021223487	2021207683
2021211930	2020412067	2021207775	2020425168	<b><u>C10H 15 /-</u></b>	<b><u>C12N 9 /-</u></b>
<b><u>C07D 209 /-</u></b>	2020412710	2021217480	<b><u>C08J 9 /-</u></b>	2021210948	2020403864
2021208762	2021205837	<b><u>C07D 498 /-</u></b>	2021208850	<b><u>C10L 3 /-</u></b>	2020410242
<b><u>C07D 211 /-</u></b>	2021209875	2020429130	2021223757	2021214758	2021216389
2020407285	2021211930	<b><u>C07F 3 /-</u></b>	<b><u>C08K 5 /-</u></b>	<b><u>C10L 5 /-</u></b>	<b><u>C12P 13 /-</u></b>
2021205837	<b><u>C07D 403 /-</u></b>	2020429130	2020425168	2021208625	2020410242
<b><u>C07D 213 /-</u></b>	2020412067	<b><u>C07F 7 /-</u></b>	<b><u>C08K 7 /-</u></b>	<b><u>C10L 9 /-</u></b>	<b><u>C12P 19 /-</u></b>
2020414132	2020414132	2021206997	2020425168	2021210948	2020423979
2021205837	2021209875	<b><u>C07F 9 /-</u></b>	<b><u>C08L 21 /-</u></b>	<b><u>C10L 3 /-</u></b>	<b><u>C12P 7 /-</u></b>
2021207908	<b><u>C07D 405 /-</u></b>	2020406824	2020425168	2021214758	<b><u>C12P 13 /-</u></b>
<b><u>C07D 231 /-</u></b>	2020404317	2021207236	<b><u>C08L 33 /-</u></b>	<b><u>C10L 5 /-</u></b>	2020410242
2020412067	2020407285	<b><u>C07K 14 /-</u></b>	2020425168	<b><u>C10L 9 /-</u></b>	<b><u>C12P 19 /-</u></b>
<b><u>C07D 233 /-</u></b>	2021205837	2020414244	<b><u>C08L 61 /-</u></b>	2021208625	2020423979
2021208762	2021207908	2020415695	2021209790	<b><u>C11B 1 /-</u></b>	<b><u>C12P 7 /-</u></b>
<b><u>C07D 239 /-</u></b>	<b><u>C07D 413 /-</u></b>	2020417604	<b><u>C08L 63 /-</u></b>	2020422439	2020410242
2020406824	2020404317	<b><u>C07K 16 /-</u></b>	<b><u>C08L 75 /-</u></b>	<b><u>C10L 5 /-</u></b>	<b><u>C12Q 1 /-</u></b>
2020414132	2020408351	2020404324	2021209790	<b><u>C10L 9 /-</u></b>	2021207454
	2021209875	2020406350	<b><u>C08L 75 /-</u></b>	<b><u>C11B 1 /-</u></b>	2021207581
	<b><u>C07D 417 /-</u></b>	2020407279	2021209811	2020422462	2021207683
	2020404317	2020407908	<b><u>C08L 95 /-</u></b>	<b><u>C12C 11 /-</u></b>	2021208466
		2020408707	2020422462	2020422462	2021212305
			<b><u>C12M 1 /-</u></b>	<b><u>C12G 3 /-</u></b>	<b><u>C22B 1 /-</u></b>
			2020425281	2020413030	2020405141
			2021208672	2020422462	<b><u>C22B 26 /-</u></b>
			2021243461	<b><u>C12H 6 /-</u></b>	2020410472
				2020422462	2020424483
				<b><u>C12M 1 /-</u></b>	<b><u>C22B 3 /-</u></b>
				2020425281	2020424027
				2021208672	<b><u>C22B 5 /-</u></b>
				2021243461	2020424483

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

<b><u>C22B 59 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F23B 40 /-</u></b>	<b><u>G01L 9 /-</u></b>	<b><u>G05D 1 /-</u></b>	<b><u>G07B 15 /-</u></b>
2020405141 2020424027	2020423059 2020443050	2020437162	2020410422	2021218647	2021215061
<b><u>C22B 7 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F24C 15 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G05D 23 /-</u></b>	<b><u>G07C 9 /-</u></b>
2020405141	2020417274 2020423059 2020424507	2020409316	2021226178	2021216505	2021215061
<b><u>C22B 9 /-</u></b>	<b><u>F01N 5 /-</u></b>	<b><u>F24C 3 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G06F 11 /-</u></b>	<b><u>G10K 11 /-</u></b>
2020424483	2021214758 2021390073	2020409316	2020404452 2020405513 2020410281	2020414291	2021282084
<b><u>C22C 1 /-</u></b>	<b><u>F02K 9 /-</u></b>	<b><u>F24D 17 /-</u></b>	2020410914 2021205561 2021208649	<b><u>G06F 13 /-</u></b>	<b><u>G10L 15 /-</u></b>
2020429466	2021216590	2021216590	2021214758 2021216361 2021226178	2021221304	2020405200 2021212621
<b><u>C30B 25 /-</u></b>	<b><u>F03D 3 /-</u></b>	<b><u>F24D 3 /-</u></b>	<b><u>G01P 15 /-</u></b>	<b><u>G06F 21 /-</u></b>	<b><u>G11B 27 /-</u></b>
2021211661	2020424983	2021216590	2020409316	2021205292	2020406746
<b><u>C30B 29 /-</u></b>	<b><u>F03G 7 /-</u></b>	<b><u>F24H 1 /-</u></b>	<b><u>G01R 19 /-</u></b>	<b><u>G06F 3 /-</u></b>	<b><u>G16H 20 /-</u></b>
2021211661	2020441128	2021216590	2020410098 2020418583	2020405200 2021234183	2020404923
<b><u>D02G 3 /-</u></b>	<b><u>F04B 1 /-</u></b>	<b><u>F24T 10 /-</u></b>	<b><u>G01R 21 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G16H 50 /-</u></b>
2021205873	2020424507	2020441128	2020407219	2020404936	2020404923
<b><u>D06F 37 /-</u></b>	<b><u>F04B 23 /-</u></b>	<b><u>F26B 3 /-</u></b>	<b><u>G01R 22 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G16H 80 /-</u></b>
2020406821 2020409825	2021208625	2021208625	2020407219	2020404935	2020404923
<b><u>D06F 39 /-</u></b>	<b><u>F04B 47 /-</u></b>	<b><u>F26B 5 /-</u></b>	<b><u>G01R 29 /-</u></b>	<b><u>G06K 9 /-</u></b>	<b><u>H01G 9 /-</u></b>
2020406821 2020409825	2020424507	2021208625	2020407219	2020406770 2021218647	2020425837
<b><u>D06F 58 /-</u></b>	<b><u>F15B 21 /-</u></b>	<b><u>F28D 21 /-</u></b>	<b><u>G01R 35 /-</u></b>	<b><u>G06N 3 /-</u></b>	<b><u>H01L 21 /-</u></b>
2020409824	2021219062	2020424483 2021205782	2020410098	2020404935 2020404936 2020406770 2021205292	2021220276
<b><u>D06M 11 /-</u></b>	<b><u>F15C 1 /-</u></b>	<b><u>F42B 12 /-</u></b>	<b><u>G01R 35 /-</u></b>	<b><u>G06Q 10 /-</u></b>	<b><u>H01L 27 /-</u></b>
2021205873	2021219062	2020416542	2020407219	2020406770 2021205292	2021220276
<b><u>E01C 7 /-</u></b>	<b><u>F15D 1 /-</u></b>	<b><u>F42B 14 /-</u></b>	<b><u>G01S 15 /-</u></b>	<b><u>G06Q 20 /-</u></b>	<b><u>H01L 51 /-</u></b>
2021209790	2020423318 2021219062	2020416542	2021282084	2020422384 2021292219	2020425837
<b><u>E02B 3 /-</u></b>	<b><u>F16J 15 /-</u></b>	<b><u>F42B 33 /-</u></b>	<b><u>G01S 17 /-</u></b>	<b><u>G06Q 50 /-</u></b>	<b><u>H01M 10 /-</u></b>
2020409005	2020442509	2020416542	2021231830	2019478842 2020404480 2020424029	2020415178 2020466884
<b><u>E02F 9 /-</u></b>	<b><u>F17C 1 /-</u></b>	<b><u>G01B 11 /-</u></b>	<b><u>G01S 7 /-</u></b>	<b><u>G06Q 99 /-</u></b>	<b><u>H01M 4 /-</u></b>
2020432001	2021214172	2021210228 2021211940	2021231830	2021249209	2020413172 2020413859 2020415178
<b><u>E04B 7 /-</u></b>	<b><u>F17C 13 /-</u></b>	<b><u>G01B 21 /-</u></b>	<b><u>G01T 1 /-</u></b>	<b><u>G06Q 99 /-</u></b>	<b><u>H01M 50 /-</u></b>
2021211131	2020422384	2021210228 2021211940	2021206997	2021209079	2020466884 2020470228 2020470348 2021278446
<b><u>E04F 15 /-</u></b>	<b><u>F17C 3 /-</u></b>	<b><u>G01B 5 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06T 5 /-</u></b>	<b><u>H01M 8 /-</u></b>
2020406668	2020422384 2020430102 2021207382	2021210228 2021211940	2021361130	2020404445	2020413172 2020413859 2021278446
<b><u>E06B 7 /-</u></b>	<b><u>F21V 23 /-</u></b>	<b><u>G01B 9 /-</u></b>	<b><u>G02B 27 /-</u></b>	<b><u>G06T 7 /-</u></b>	<b><u>H01R 12 /-</u></b>
2021211131	2021215707	2020415495	2020415495	2020404445 2021210228 2021211940	2020413172 2020413859 2021278446
<b><u>E21B 21 /-</u></b>		<b><u>G01B 9 /-</u></b>	<b><u>G02B 6 /-</u></b>		
2021215896	2021212613	2020410422	2020415495		
		<b><u>G01L 7 /-</u></b>			
		2020410422			

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

<b><u>H01R 13 /-</u></b>	<b><u>H04L 5 /-</u></b>
2020410910	2021206431
<b><u>H01R 31 /-</u></b>	<b><u>H04L 9 /-</u></b>
2020410910	2020402166
	2020404480
	2020424029
<b><u>H02G 1 /-</u></b>	<b><u>H04M 9 /-</u></b>
2020405218	2021221304
<b><u>H02G 15 /-</u></b>	<b><u>H04N 19 /-</u></b>
2020405218	2020405366
<b><u>H02G 7 /-</u></b>	2020406072
2020405218	2020406151
	2020407270
<b><u>H02J 13 /-</u></b>	2021201606
2021210371	2021201607
<b><u>H02J 15 /-</u></b>	<b><u>H04W 12 /-</u></b>
2021204309	2020402166
<b><u>H02J 3 /-</u></b>	<b><u>H04W 36 /-</u></b>
2021210371	2021207189
<b><u>H02J 50 /-</u></b>	<b><u>H04W 4 /-</u></b>
2020407056	2020402166
2021282084	<b><u>H04W 48 /-</u></b>
<b><u>H02J 7 /-</u></b>	2020381558
2020407056	<b><u>H04W 52 /-</u></b>
<b><u>H02M 3 /-</u></b>	2021210440
2020444889	<b><u>H04W 72 /-</u></b>
<b><u>H02M 7 /-</u></b>	2020397127
2021282558	2020420882
	2021206097
<b><u>H02S 50 /-</u></b>	<b><u>H04W 84 /-</u></b>
2020404892	2020420882
<b><u>H03F 3 /-</u></b>	<b><u>H05B 47 /-</u></b>
2021220276	2020409316
<b><u>H03M 13 /-</u></b>	<b><u>H05B 6 /-</u></b>
2020404901	2020408836
<b><u>H04B 11 /-</u></b>	<b><u>H05K 1 /-</u></b>
2021282084	2020418583
<b><u>H04B 7 /-</u></b>	
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     **C07K 7/08** ( 2006.01 )  
     **C12N 9/22** ( 2006.01 )  
     **C12N 15/113** ( 2010.01 )  
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     **G01S 7/41** ( 2006.01 )  
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     **G01S 13/58** ( 2006.01 )  
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**(51)** Int. Cl.  
**C25C 3/08** ( 2006.01 )  
**C25C 3/06** ( 2006.01 )  
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**(51)** Int. Cl.  
**B04B 11/02** ( 2006.01 )  
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**C07C 235/74** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**C07C 43/04** ( 2006.01 )  
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**H03K 7/08** ( 2006.01 )  
**(87)** WO2020/119360  
**(31)** 201811501937.1 **(32)** 10.12.18 **(33)** CN  
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**A61F 9/008** ( 2006.01 )  
**G02B 26/08** ( 2006.01 )  
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**B63B 21/66** ( 2006.01 )  
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**B63B 39/00** ( 2006.01 )  
**E02D 5/60** ( 2006.01 )  
**F15D 1/14** ( 2006.01 )  
**F16L 1/12** ( 2006.01 )  
**F16L 57/00** ( 2006.01 )  
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**(87)** WO2017/165926  
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**(44)** 11.08.2022  
**(72)** Potts, Andrew Elmhirst; Marcollo, Hayden  
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**(54)** Locating electronic devices and associated wireless accessories  
**(51)** Int. Cl.  
**H04W 64/00** ( 2009.01 )  
**H04W 8/00** ( 2009.01 )  
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**G06F 3/0362** ( 2013.01 )  
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*A61K 31/4439* (2006.01)  
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*A61K 31/5377* (2006.01)  
*A61P 35/00* (2006.01)  
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*H04N 19/625* (2014.01)  
*H04N 19/103* (2014.01)  
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*H04N 19/119* (2014.01)  
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*H04N 19/129* (2014.01)  
*H04N 19/13* (2014.01)  
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*F41G 7/34* (2006.01)  
*F42B 15/01* (2006.01)  
*F42C 13/04* (2006.01)  
*G01S 1/02* (2010.01)  
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 (51) Int. Cl.  
*E21B 43/26* (2006.01)  
*E21B 17/04* (2006.01)  
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 (74) FPA Patent Attorneys Pty Ltd

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*A01N 43/50* (2006.01)  
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*A01N 43/56* (2006.01)  
*A01N 43/60* (2006.01)  
*A01N 43/653* (2006.01)  
*A01N 43/78* (2006.01)  
*A01N 43/80* (2006.01)  
*C07D 231/12* (2006.01)  
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*C07D 413/12* (2006.01)  
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 (74) FPA Patent Attorneys Pty Ltd

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*G06T 19/00* ( 2011.01 )  
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*A61K 8/24* ( 2006.01 )  
*A61K 8/31* ( 2006.01 )  
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*A61B 5/313* ( 2021.01 )  
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**H01G 11/58** ( 2013.01 )  
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**C04B 7/32** ( 2006.01 )  
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**E03C 1/02** ( 2006.01 )  
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**C07D 401/14** ( 2006.01 )  
**A61K 31/64** ( 2006.01 )  
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 AcouSort AB**  
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**A61K 9/10** ( 2006.01 )  
**A61K 31/365** ( 2006.01 )  
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 nodes in a knowledge graph  
**(51)** Int. Cl.  
**G06F 16/332** ( 2019.01 )  
**G06F 40/00** ( 2020.01 )  
**G06N 5/00** ( 2006.01 )  
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**G06F 16/90** ( 2019.01 )  
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**G06Q 40/00** ( 2012.01 )  
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 measuring blood glucose  
**(51)** Int. Cl.  
**A61B 5/15** ( 2006.01 )  
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**B29C 70/24** ( 2006.01 )  
**B64C 1/00** ( 2006.01 )  
**B64C 3/18** ( 2006.01 )  
**B29L 31/30** ( 2006.01 )  
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**(51)** Int. Cl.  
**A61K 39/155** ( 2006.01 )  
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**(71)** JCM American Corporation  
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 al communication port(s) in a slot ac-  
 counting system  
**(51)** Int. Cl.

**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
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**(31)** 62/742,058 (32) 05.10.18 (33) US  
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**(43)** 09.04.2020  
**(44)** 11.08.2022  
**(72)** MOHRHARDT, Dominic; KUBAJAK,  
 Dave  
**(74)** AJ PARK

**Jones, J. see Hayward Baker, Inc.**  
**(21)** 2017242624

**(71)** JOST-Werke Deutschland GmbH  
**(11)** AU-B-2020408075  
**(21)** 2020408075 (22) 02.12.2020  
**(54)** Fifth wheel coupling with a camera  
**(51)** Int. Cl.  
**B60R 1/00** ( 2006.01 )  
**B60R 11/04** ( 2006.01 )  
**B62D 53/08** ( 2006.01 )  
**(87)** WO2021/123991  
**(31)** 10 2019 008 919.7 (32) 20.12.19 (33) DE  
**(43)** 24.06.2021  
**(44)** 11.08.2022  
**(72)** GITZEN, Stephan; MÜLLER, Mark;  
 SAUPE, Swen  
**(74)** FB Rice Pty Ltd

**(71)** Julius-Maximilians-Universität  
 Würzburg  
**(11)** AU-B-2016375187  
**(21)** 2016375187 (22) 23.12.2016  
**(54)** Soluble glycoprotein V for treating  
 thrombotic diseases  
**(51)** Int. Cl.  
**A61P 7/02** ( 2006.01 )  
**A61K 38/16** ( 2006.01 )  
**(87)** WO2017/109212  
**(31)** 15202530.0 (32) 23.12.15 (33) EP  
**(43)** 29.06.2017  
**(44)** 11.08.2022  
**(72)** Nieswandt, Bernhard; Beck, Sarah;  
 Stegner, David  
**(74)** FB Rice Pty Ltd

**(71)** Kadimastem Ltd.  
**(11)** AU-B-2020244551  
**(21)** 2020244551 (22) 01.10.2020  
**(54)** Directed differentiation of astrocytes  
 from human pluripotent stem cells for  
 use in drug screening and the treatment  
 of Amyotrophic Lateral Sclerosis (ALS)  
**(51)** Int. Cl.  
**A61P 25/28** ( 2006.01 )  
**A61K 35/30** ( 2006.01 )  
**C12N 5/07** ( 2010.01 )  
**G01N 33/50** ( 2006.01 )  
**(43)** 29.10.2020  
**(44)** 11.08.2022  
**(62)** 2014330807  
**(72)** Izrael, Michal; Revel, Michel; Hasson,  
 Arik; Chebath, Judith; Molakandov, Kfir  
**(74)** Spruson & Ferguson

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 (11) AU-B-2017204841  
 (21) 2017204841 (22) 13.07.2017  
 (54) Gas hearth  
 (51) Int. Cl.

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(31) 2017184 (32) 18.07.16 (33) NL  
 (43) 01.02.2018  
 (44) 11.08.2022  
 (72) Van Melick, Beijko Martijn Eli  
 (74) AJ PARK

(71) KARADENIZ TEKNİK UNIVERSITESI  
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 (21) 2019208218 (22) 25.07.2019  
 (54) A HERBAL COMPOSITION COMPRISING ANTIFUNGAL PROTEIN DERIVATIVES  
 (51) Int. Cl.

*C12N 1/13* ( 2006.01 )  
*A01N 65/00* ( 2009.01 )  
*A01N 65/03* ( 2009.01 )  
*A01P 3/00* ( 2006.01 )  
*A01P 21/00* ( 2006.01 )  
*C07K 14/195* ( 2006.01 )  
*C07K 14/32* ( 2006.01 )  
*C07K 14/385* ( 2006.01 )  
*C07K 14/415* ( 2006.01 )  
*C12N 1/02* ( 2006.01 )  
*C12N 1/12* ( 2006.01 )  
*C12N 15/79* ( 2006.01 )  
*C12N 15/82* ( 2006.01 )  
*A01N 63/20* ( 2020.01 )  
*A01N 63/22* ( 2020.01 )  
*A01N 63/36* ( 2020.01 )  
*A01N 65/08* ( 2009.01 )  
*C12R 1/89* ( 2006.01 )

(43) 11.02.2021  
 (44) 11.08.2022  
 (72) UZUNER, Ugur  
 (74) CreatelP

(71) Kimberly-Clark Worldwide, Inc.  
 (11) AU-B-2017400674  
 (21) 2017400674 (22) 22.02.2017  
 (54) Layered tissue comprising non-wood fibers  
 (51) Int. Cl.

*D21H 11/12* ( 2006.01 )  
*A47K 10/16* ( 2006.01 )  
*D21F 11/04* ( 2006.01 )  
*D21H 27/00* ( 2006.01 )

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 (43) 30.08.2018  
 (44) 11.08.2022  
 (72) Rouse, Kayla Elizabeth; Underhill, Richard Louis  
 (74) Spruson & Ferguson

(71) Komatsu Ltd.  
 (11) AU-B-2019379377  
 (21) 2019379377 (22) 30.10.2019  
 (54) Mining system  
 (51) Int. Cl.

*E21C 41/16* ( 2006.01 )  
 (87) WO2020/100586  
 (31) 2018-213908 (32) 14.11.18 (33) JP  
 (43) 22.05.2020

(44) 11.08.2022  
 (72) UETAKE, Masaaki; KODAMA, Yuichi; KAWAI, Kazunari; TERADA, Shinichi  
 (74) FB Rice Pty Ltd

(71) Kotobuki Holdings Co., Ltd.  
 (11) AU-B-2020289766  
 (21) 2020289766 (22) 16.12.2020  
 (54) Water discharge head equipped with water purification function, water purification cartridge, and water faucet device  
 (51) Int. Cl.

*E03C 1/046* ( 2006.01 )  
 (43) 21.01.2021  
 (44) 11.08.2022  
 (62) 2018400861  
 (72) Takagi, Toshio; Shiratake, Fumitaka  
 (74) Davies Collison Cave Pty Ltd

(71) Kyndryl, Inc.  
 (11) AU-B-2020257925  
 (21) 2020257925 (22) 23.03.2020  
 (54) Detecting sensitive data exposure via logging  
 (51) Int. Cl.

*G06F 21/55* ( 2013.01 )  
 (87) WO2020/212093  
 (31) 16/387,632 (32) 18.04.19 (33) US  
 (43) 22.10.2020  
 (44) 11.08.2022  
 (72) UDUPI RAGHAVENDRA, Arjun; SEUL, Matthias; SCHEIDELER, Tim; AIR-OLDI, Tiziano  
 (74) Spruson & Ferguson

(71) Kyocera Senco Industrial Tools, Inc.  
 (11) AU-B-2019360114  
 (21) 2019360114 (22) 16.10.2019  
 (54) Working cylinder for power tool with piston lubricating system  
 (51) Int. Cl.

*B25C 1/00* ( 2006.01 )  
*B25D 9/00* ( 2006.01 )  
*B25D 17/00* ( 2006.01 )  
*B25D 17/26* ( 2006.01 )  
*B25F 5/00* ( 2006.01 )  
 (87) WO2020/081620  
 (31) 62/746,941 (32) 17.10.18 (33) US  
 (43) 23.04.2020  
 (44) 11.08.2022  
 (72) BRADLEY, David D.; McCARDLE, Thomas A.; KABBES, Anthony D.  
 (74) Spruson & Ferguson

(71) Kyocera Senco Industrial Tools, Inc.  
 (11) AU-B-2020241300  
 (21) 2020241300 (22) 28.02.2020  
 (54) Autofeed screwdriver attachment with twist collar to activate movable plates for latching to screw gun  
 (51) Int. Cl.

*B25B 23/00* ( 2006.01 )  
*B25B 21/00* ( 2006.01 )  
*B25B 23/04* ( 2006.01 )  
 (87) WO2020/190477  
 (31) 62/820,037 (32) 18.03.19 (33) US  
 16/443,410 17.06.19 US

(43) 24.09.2020  
 (44) 11.08.2022  
 (72) CLARK, Chad L.  
 (74) Spruson & Ferguson

(71) Landis+Gyr Technologies, LLC  
 (11) AU-B-2018281928  
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 (51) Int. Cl.

*G01R 31/08* ( 2006.01 )  
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 (31) 15/615,619 (32) 06.06.17 (33) US  
 (43) 13.12.2018  
 (44) 11.08.2022  
 (72) Bonicatto, Damian  
 (74) Davies Collison Cave Pty Ltd

(71) LCRT PTY LTD  
 (11) AU-B-2017371399  
 (21) 2017371399 (22) 08.12.2017  
 (54) Methods and systems for processing glass and methods for reinforcing glass products  
 (51) Int. Cl.

*C03B 5/00* ( 2006.01 )  
*B32B 17/00* ( 2006.01 )  
*C03B 25/00* ( 2006.01 )  
*C03C 12/00* ( 2006.01 )  
 (87) WO2018/102878  
 (31) 2016905109 (32) 10.12.16 (33) AU  
 (43) 14.06.2018  
 (44) 11.08.2022  
 (72) Willis, Gregory David; White, Graeme Lindsay; Maher, Michael Vincent  
 (74) Adams Pluck

(71) LG Electronics Inc.  
 (11) AU-B-2019248256  
 (21) 2019248256 (22) 05.04.2019  
 (54) Mobile robot and control method for same  
 (51) Int. Cl.

*B25J 11/00* ( 2006.01 )  
*A01D 34/00* ( 2006.01 )  
*B25J 9/16* ( 2006.01 )  
 (87) WO2019/194628  
 (31) 62/653,567 (32) 06.04.18 (33) US  
 10-2019-0040034 05.04.19 KR  
 (43) 10.10.2019  
 (44) 11.08.2022  
 (72) LEE, Jaehoon; CHOI, Kyuchun; WOO, Jongjin; KIM, Dongseong; KIM, Hyungsub; SHIN, Seungin; YU, Kyungman; JEONG, Jaehoon; NAM, Dongkyun  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-B-2019334724  
 (21) 2019334724 (22) 02.09.2019  
 (54) Plurality of autonomous mobile robots and controlling method for the same  
 (51) Int. Cl.

*B25J 11/00* ( 2006.01 )  
*A47L 9/28* ( 2006.01 )

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**(87)** WO2020/050566  
**(31)** 62/727,562 **(32)** 06.09.18 **(33)** US  
 10-2019-0020081 20.02.19 KR  
**(43)** 12.03.2020  
**(44)** 11.08.2022  
**(72)** KWAK, Donghoon; KO, Kyoungsuk;  
 LEE, Sungwook  
**(74)** FB Rice Pty Ltd

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2019339245  
**(21)** 2019339245 **(22)** 16.09.2019  
**(54)** Cleaner  
**(51)** Int. Cl.  
**A47L 9/10** ( 2006.01 )  
**A47L 5/24** ( 2006.01 )  
**A47L 5/28** ( 2006.01 )  
**A47L 9/12** ( 2006.01 )  
**A47L 9/16** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
**A47L 9/32** ( 2006.01 )

**(87)** WO2020/055215  
**(31)** 10-2018-0110019 **(32)** 14.09.18 **(33)** KR  
 10-2018-0110021 14.09.18 KR  
 10-2018-0110026 14.09.18 KR  
 10-2019-0021320 22.02.19 KR  
 10-2019-0077237 27.06.19 KR  
**(43)** 19.03.2020  
**(44)** 11.08.2022  
**(72)** LEE, Youngjoo; KO, Jungmin; EO, Soohan;  
 HYUN, Kietak; HWANG, Inkyu  
**(74)** FB Rice Pty Ltd

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**(71)** LG Electronics Inc.  
**(11)** AU-B-2020250310  
**(21)** 2020250310 **(22)** 09.10.2020  
**(54)** Vacuum insulator in a storehouse and  
 methods of making and using the same  
**(51)** Int. Cl.  
**F25D 23/06** ( 2006.01 )  
**B60R 7/04** ( 2006.01 )  
**F25B 21/02** ( 2006.01 )  
**F25D 19/00** ( 2006.01 )  
**F25D 23/02** ( 2006.01 )  
**F25D 23/08** ( 2006.01 )

**(43)** 05.11.2020  
**(44)** 11.08.2022  
**(62)** 2016373207  
**(72)** Jung, Wonyeong; Kang, Myoungju;  
 Youn, Deokhyun; Lee, Sungsub; Kim,  
 Sora; Kim, Daewoong; Lee, Jangseok  
**(74)** Griffith Hack

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**(71)** Li, C.  
**(11)** AU-B-2019421303  
**(21)** 2019421303 **(22)** 31.10.2019  
**(54)** Spiral chute for mineral processing  
**(51)** Int. Cl.  
**B03B 5/62** ( 2006.01 )  
**B03B 5/52** ( 2006.01 )

**(87)** WO2020/143285  
**(31)** 201910023315.0 **(32)** 10.01.19 **(33)** CN  
**(43)** 16.07.2020  
**(44)** 11.08.2022  
**(72)** LI, Chunou  
**(74)** Madderns Pty Ltd

**(71)** Liebherr-Werk Bischofshofen GmbH  
**(11)** AU-B-2017262419  
**(21)** 2017262419 **(22)** 11.05.2017  
**(54)** Method for controlling a work machine  
**(51)** Int. Cl.  
**B62D 1/18** ( 2006.01 )  
**G05G 5/03** ( 2006.01 )  
**G05G 5/05** ( 2006.01 )  
**G05G 5/12** ( 2006.01 )

**(87)** WO2017/194192  
**(31)** 10 2016 005 984.2 **(32)** 13.05.16 **(33)** DE  
 10 2016 015 155.2 20.12.16 DE  
**(43)** 16.11.2017  
**(44)** 11.08.2022  
**(72)** Hettegger, Mario; Bös, Manuel; Knapp,  
 Hans; Kiegerl, Christoph  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Lifetime Products, Inc.  
**(11)** AU-B-2021200306  
**(21)** 2021200306 **(22)** 19.01.2021  
**(54)** Blow molded part including compression  
 molded element  
**(51)** Int. Cl.  
**B64C 1/06** ( 2006.01 )  
**B29C 70/30** ( 2006.01 )  
**B29C 70/50** ( 2006.01 )  
**B29C 70/70** ( 2006.01 )  
**B32B 3/12** ( 2006.01 )  
**B32B 38/10** ( 2006.01 )  
**B64C 1/12** ( 2006.01 )  
**B64C 3/18** ( 2006.01 )  
**B64C 3/26** ( 2006.01 )

**(43)** 18.03.2021  
**(44)** 11.08.2022  
**(62)** 2017351057  
**(72)** Monsen, Charles; Robbins, Samuel  
 S.; Peery, Wendell B.; Norman, Dennis  
 Jay; Phillips, Gary  
**(74)** Clark Intellectual Property Pty Ltd

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**(71)** Linde Aktiengesellschaft  
**(11)** AU-B-2017262724  
**(21)** 2017262724 **(22)** 08.05.2017  
**(54)** A gas cylinder monitoring system  
**(51)** Int. Cl.  
**G06Q 10/08** ( 2012.01 )  
**G06Q 50/22** ( 2012.01 )

**(87)** WO2017/194481  
**(31)** 1608487.3 **(32)** 13.05.16 **(33)** GB  
**(43)** 16.11.2017  
**(44)** 11.08.2022  
**(72)** Thind, Mandip; Perez De Alejo Fortun,  
 Rigoberto; Jacobsen, Brian  
**(74)** Spruson & Ferguson

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**(71)** LINEAGE LOGISTICS, LLC  
**(11)** AU-B-2022204344  
**(21)** 2022204344 **(22)** 21.06.2022  
**(54)** AUTOMATIC TRANSPORTATION OF  
 PALLETS OF GOODS

**(51)** Int. Cl.  
**G05D 1/02** ( 2020.01 )  
**B25J 5/04** ( 2006.01 )  
**B25J 9/02** ( 2006.01 )  
**B25J 9/04** ( 2006.01 )  
**B65G 60/00** ( 2006.01 )  
**B65G 63/00** ( 2006.01 )  
**B65G 67/02** ( 2006.01 )

**B66C 19/00** ( 2006.01 )  
**G06Q 10/08** ( 2012.01 )  
**G06Q 50/28** ( 2012.01 )  
**(43)** 04.08.2022  
**(44)** 11.08.2022  
**(62)** 2020271069  
**(72)** ECKMAN, Christopher Frank  
**(74)** RnB IP Pty Ltd

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**(71)** LivePerson, Inc.  
**(11)** AU-B-2019380324  
**(21)** 2019380324 **(22)** 14.11.2019  
**(54)** Automatic bot creation based on scripts  
**(51)** Int. Cl.  
**H04L 51/063** ( 2022.01 )  
**(87)** WO2020/102571  
**(31)** 62/768,699 **(32)** 16.11.18 **(33)** US  
**(43)** 22.05.2020  
**(44)** 11.08.2022  
**(72)** CHITTARI, Ravikiran; PRIYADARSHAN,  
 Esvar; LOCASCIO, Robert;  
 ALTSCHULER, Jonathan; RAMAKRISHNAIAH,  
 Suresh; WIN, Htet;  
 HE, Chuqing; DUNN, Matthew  
**(74)** Spruson & Ferguson

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**(71)** LSO Medical  
**(11)** AU-B-2017371407  
**(21)** 2017371407 **(22)** 07.12.2017  
**(54)** Endovenous treatment device with flexible  
 guidewire element  
**(51)** Int. Cl.  
**A61B 18/24** ( 2006.01 )  
**(87)** WO2018/104453  
**(31)** 1662137 **(32)** 08.12.16 **(33)** FR  
**(43)** 14.06.2018  
**(44)** 11.08.2022  
**(72)** Rochon, Philippe  
**(74)** Pizzeyes Patent and Trade Mark Attorneys  
 Pty Ltd

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**(71)** LTAG Systems LLC  
**(11)** AU-B-2020403270  
**(21)** 2020403270 **(22)** 14.12.2020  
**(54)** Systems, modules, and submersible  
 vehicles for collecting material from a  
 seafloor  
**(51)** Int. Cl.  
**E02F 7/00** ( 2006.01 )  
**B63G 8/00** ( 2006.01 )  
**E02F 5/00** ( 2006.01 )  
**E21C 50/00** ( 2006.01 )

**(87)** WO2021/119628  
**(31)** 62/947,003 **(32)** 12.12.19 **(33)** US  
**(43)** 17.06.2021  
**(44)** 11.08.2022  
**(72)** SLOCUM, Alexander H.; SLOCUM,  
 Jonathan T.  
**(74)** RnB IP Pty Ltd

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**(71)** Magenta Therapeutics, Inc.  
**(11)** AU-B-2018253115  
**(21)** 2018253115 **(22)** 12.04.2018  
**(54)** Aryl hydrocarbon receptor antagonists  
 and uses thereof  
**(51)** Int. Cl.  
**C07D 471/04** ( 2006.01 )

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**A61K 35/12** ( 2015.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )  
**C12N 5/0789** ( 2010.01 )  
**(87)** WO2018/191476  
**(31)** 62/625,896 **(32)** 02.02.18 **(33)** US  
 62/613,382 03.01.18 US  
 62/484,692 12.04.17 US  
**(43)** 18.10.2018  
**(44)** 11.08.2022  
**(72)** Romero, Arthur Glenn; Goncalves, Kevin A.  
**(74)** Pizzseys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Magic Leap, Inc.  
**(11)** AU-B-2017335736  
**(21)** 2017335736 **(22)** 27.09.2017  
**(54)** Face model capture by a wearable device  
**(51)** Int. Cl.  
**G02B 27/01** ( 2006.01 )  
**G06F 3/01** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
**G06T 7/62** ( 2017.01 )  
**G06T 19/00** ( 2011.01 )  
**G06T 19/20** ( 2011.01 )  
**G09G 5/00** ( 2006.01 )  
**(87)** WO2018/064169  
**(31)** 62/400,907 **(32)** 28.09.16 **(33)** US  
**(43)** 05.04.2018  
**(44)** 11.08.2022  
**(72)** Amayeh, Gholamreza; Kaehler, Adrian; Lee, Douglas  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Magic Leap, Inc.  
**(11)** AU-B-2022200301  
**(21)** 2022200301 **(22)** 18.01.2022  
**(54)** Virtual and augmented reality systems and methods having unequal numbers of component color images distributed across depth planes  
**(51)** Int. Cl.  
**G02B 27/42** ( 2006.01 )  
**G02B 6/10** ( 2006.01 )  
**G02B 6/24** ( 2006.01 )  
**G02B 27/01** ( 2006.01 )  
**G02B 27/02** ( 2006.01 )  
**G02B 27/44** ( 2006.01 )  
**(43)** 10.02.2022  
**(44)** 11.08.2022  
**(62)** 2017206021  
**(72)** Schowengerdt, Brian T.; Hua, Hong; Cheng, Hui-Chuan; Peroz, Christophe  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Makuri Technology Pte. Ltd.  
**(11)** AU-B-2017311608  
**(21)** 2017311608 **(22)** 02.08.2017  
**(54)** Edge wear protector system  
**(51)** Int. Cl.  
**E02F 9/28** ( 2006.01 )  
**(87)** WO2019/027365  
**(43)** 21.02.2019  
**(44)** 11.08.2022  
**(72)** Wilson, Ian James  
**(74)** FOUNDRY INTELLECTUAL PROPERTY PTY LTD

**(71)** Mani, Inc.  
**(11)** AU-B-2018311912  
**(21)** 2018311912 **(22)** 27.07.2018  
**(54)** Cannula holder  
**(51)** Int. Cl.  
**A61F 9/007** ( 2006.01 )  
**(87)** WO2019/026787  
**(31)** 2017-147886 **(32)** 31.07.17 **(33)** JP  
**(43)** 07.02.2019  
**(44)** 11.08.2022  
**(72)** MURAKAMI, Etsuo; OSHINO Masanori  
**(74)** Spruson & Ferguson

**(71)** Massachusetts Institute of Technology; Advanced Potash Technologies Ltd  
**(11)** AU-B-2018210239  
**(21)** 2018210239 **(22)** 18.01.2018  
**(54)** Potassium-releasing material  
**(51)** Int. Cl.  
**C01B 33/36** ( 2006.01 )  
**C05D 1/04** ( 2006.01 )  
**(87)** WO2018/136667  
**(31)** 62/520,976 **(32)** 16.06.17 **(33)** US  
 62/447,657 18.01.17 US  
**(43)** 26.07.2018  
**(44)** 11.08.2022  
**(72)** Ciceri, Davide; De Oliveira, Marcelo; Alanore, Antoine; Chen, Dennis; Close, Thomas C.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Maxamcorp Holding, S.L.  
**(11)** AU-B-2019254452  
**(21)** 2019254452 **(22)** 15.04.2019  
**(54)** Procedure and installation for loading boreholes with bulk water-based suspension or watergel type explosives  
**(51)** Int. Cl.  
**C06B 21/00** ( 2006.01 )  
**C06B 23/00** ( 2006.01 )  
**C06B 47/14** ( 2006.01 )  
**F42D 1/10** ( 2006.01 )  
**(87)** WO2019/201851  
**(31)** 18382253.5 **(32)** 16.04.18 **(33)** EP  
**(43)** 24.10.2019  
**(44)** 11.08.2022  
**(72)** BEITIA GÓMEZ DE SEGURA, Fernando María; QUINTANA ANGULO, José Ramón; CARRANZA VÍTORES, Arturo; LAGUILLO SABÁS, Miguel Rafael; IZAGUIRRE MINGO, Eneko  
**(74)** Collison & Co

**(71)** Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft  
**(11)** AU-B-2017232265  
**(21)** 2017232265 **(22)** 15.03.2017  
**(54)** Enhanced sleeping beauty transposons, kits and methods of transposition  
**(51)** Int. Cl.  
**C12N 15/90** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2017/158029  
**(31)** 16160499.6 **(32)** 15.03.16 **(33)** EP  
**(43)** 21.09.2017

**(44)** 11.08.2022  
**(72)** Izsvák, Zsuzsanna; Ivics, Zoltán; Kaufmann, Christopher; Narayanavari, Suneel  
**(74)** Pearce IP Pty Ltd

**(71)** Maxwell Biotech Group Ltd.  
**(11)** AU-B-2016364677  
**(21)** 2016364677 **(22)** 28.11.2016  
**(54)** Stable dosage form of etidronate-cytarabine conjugate, and use thereof  
**(51)** Int. Cl.  
**A61K 9/19** ( 2006.01 )  
**A61K 31/663** ( 2006.01 )  
**A61K 31/7068** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2017/095274  
**(31)** 2015151450 **(32)** 01.12.15 **(33)** RU  
**(43)** 08.06.2017  
**(44)** 11.08.2022  
**(72)** Ivanova, Ekaterina Alekseevna; Karpeisky, Alexander; Zinnen, Shawn P.; Caralli, Lisa Lynn; Salurialam, Rina Diana  
**(74)** Griffith Hack

**(71)** McGinley Engineered Solutions, LLC  
**(11)** AU-B-2018321969  
**(21)** 2018321969 **(22)** 24.08.2018  
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*H03M 7/30* ( 2006.01 )  
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     **B22C 9/12** ( 2006.01 )  
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     **C12C 13/00** ( 2006.01 )  
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**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/32** ( 2006.01 )  
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 (51) Int. Cl.  
**H01R 13/04** ( 2006.01 )  
**H01R 13/502** ( 2006.01 )  
**H01R 24/60** ( 2011.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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**B22D 17/32** ( 2006.01 )  
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 (51) Int. Cl.  
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**H04B 7/06** ( 2006.01 )  
**H04W 74/08** ( 2009.01 )  
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 (51) Int. Cl.

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**(74)** Davies Collison Cave Pty Ltd

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**(71)** Raven Industries, Inc.  
**(11)** AU-B-2021202038  
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**(54)** SAFETY SYSTEM FOR AUTONOMOUS OPERATION OF OFF-ROAD AND AGRICULTURAL VEHICLES USING MACHINE LEARNING FOR DETECTION AND IDENTIFICATION OF OBSTACLES  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**A01B 69/00** ( 2006.01 )  
**G06K 9/00** ( 2006.01 )  
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**(54)** New dishwashing machine and method  
**(51)** Int. Cl.  
**A47L 15/00** ( 2006.01 )  
**C11D 11/00** ( 2006.01 )  
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**C07D 498/18** ( 2006.01 )  
**A61K 31/436** ( 2006.01 )  
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**A61P 25/00** ( 2006.01 )  
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**(54)** Percussion fuse  
**(51)** Int. Cl.  
**F42C 1/00** ( 2006.01 )  
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**(72)** LABENDA, Thomas; DEUTSCHKÄMER, Klaus  
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**(71)** Ricoh Company, Ltd.  
**(11)** AU-B-2018373587  
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**(51)** Int. Cl.  
**C12Q 1/6851** ( 2018.01 )  
**C12Q 1/686** ( 2018.01 )  
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**(11)** AU-B-2021200440  
**(21)** 2021200440 **(22)** 22.01.2021  
**(54)** Articulating rolling compactor attachment  
**(51)** Int. Cl.  
**B66F 11/04** ( 2006.01 )  
**E01C 19/26** ( 2006.01 )  
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**(72)** NEUMANN, Duane A.; WOLF, Devin; SCHUTTE, Michael  
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**(54)** Synthetic image and method for manufacturing thereof  
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**G09F 19/14** ( 2006.01 )  
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**(54)** Synthetic image and method for manufacturing thereof  
**(51)** Int. Cl.  
**G09F 19/14** ( 2006.01 )  
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**(71)** Salesforce.com, Inc.  
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**(54)** Quasi-recurrent neural network  
**(51)** Int. Cl.  
**G06N 3/04** ( 2006.01 )  
**G06F 17/16** ( 2006.01 )  
**G06N 3/08** ( 2006.01 )  
**G10L 15/16** ( 2006.01 )  
**G10L 15/18** ( 2013.01 )  
**G10L 25/30** ( 2013.01 )  
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**(51)** Int. Cl.  
**H04N 5/58** ( 2006.01 )  
**G09G 3/20** ( 2006.01 )  
**G09G 3/34** ( 2006.01 )  
**G09G 5/02** ( 2006.01 )  
**H04N 5/272** ( 2006.01 )  
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**(31)** 10-2017-0063401 **(32)** 23.05.17 **(33)** KR  
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 (51) Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 35/76** ( 2015.01 )  
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**A61K 47/34** ( 2017.01 )  
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 (54) Active temporary roof support apparatus  
 (51) Int. Cl.  
**E21D 9/06** ( 2006.01 )  
**E21D 11/40** ( 2006.01 )  
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**A01D 34/416** ( 2006.01 )  
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 (72) Bindhammer, Markus  
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 (54) OUTPUT CURRENT CONTROL FOR USB DEVICE  
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**H02J 5/00** ( 2016.01 )  
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(71) Schneider Electric Industries SAS  
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 (54) Method for monitoring a source changeover switch and source changeover switch implementing such a method  
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**H02J 9/06** ( 2006.01 )  
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 (72) RET, Alain; NEYRET, Yannick; NEREAU, Jean-Pierre; HYPOLITE, Jean-Marie  
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(71) Schock GmbH  
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 (54) Heat-curable bio-based casting composition, molding produced therefrom and method for producing such a molding  
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**C08L 33/08** ( 2006.01 )  
**B29C 35/02** ( 2006.01 )  
**C08J 3/24** ( 2006.01 )  
**C08J 5/00** ( 2006.01 )  
**C08J 7/16** ( 2006.01 )  
**C08K 3/00** ( 2018.01 )  
**C08L 33/10** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Scholar Rock, Inc.  
 (11) AU-B-2018205270  
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 (54) Methods for treating metabolic diseases by inhibiting myostatin activation  
 (51) Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
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Schorey, J. see Control Bionics Holdings Pty Ltd  
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(71) Secturion Systems, Inc.  
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 (51) Int. Cl.  
**H04L 12/66** ( 2006.01 )  
**H04L 9/06** ( 2006.01 )  
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 (44) 11.08.2022  
 (62) 2016323147  
 (72) Anderson, Jordan; Takahashi, Richard; Little, Sean; Noehring, Lee  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Seiko PMC Corporation  
 (11) AU-B-2019332388  
 (21) 2019332388 (22) 28.08.2019  
 (54) Papermaking additive, paper, and paper manufacturing method  
 (51) Int. Cl.  
**D21H 17/37** ( 2006.01 )  
**C08F 220/56** ( 2006.01 )  
**D21H 21/18** ( 2006.01 )  
 (87) WO2020/045514  
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 (72) YAMAMOTO, Takuji; NOBUKUNI, Shigeaki; IWAKI, Naoto; BARAKI, Hideo; YOSHITANI, Koji  
 (74) Collison & Co

(71) Seqirus UK Limited  
 (11) AU-B-2016281904  
 (21) 2016281904 (22) 24.06.2016  
 (54) Antigenically matched influenza vaccines  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**A61K 39/145** ( 2006.01 )  
**C12N 7/02** ( 2006.01 )  
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 (31) 62/185,532 (32) 26.06.15 (33) US  
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(71) Serimmune Inc.  
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 (51) Int. Cl.  
**G01N 33/53** ( 2006.01 )  
**A61K 38/02** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 39/02** ( 2006.01 )  
**A61K 39/09** ( 2006.01 )  
**C07K 14/195** ( 2006.01 )  
**C07K 14/315** ( 2006.01 )  
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 (31) 62/339,644 (32) 20.05.16 (33) US  
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 (43) 18.05.2017  
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 (72) Daugherty, Patrick; Kamath, Kathy; Reifert, Jack  
 (74) Phillips Ormonde Fitzpatrick

(71) ServiceNow, Inc.  
 (11) AU-B-2021201815  
 (21) 2021201815 (22) 23.03.2021  
 (54) Improved parsing of user queries in a remote network management platform using linguistic matching  
 (51) Int. Cl.  
**G06F 40/00** ( 2020.01 )  
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 (62) 2019240662  
 (72) Vertsel, Aliaksei; Korolev, Dmitry; Rumiantsau, Mikhail  
 (74) FPA Patent Attorneys Pty Ltd

(71) Shandong First Medical University & Shandong Academy of Medical Sciences  
 (11) AU-B-2019388593  
 (21) 2019388593 (22) 25.11.2019  
 (54) Radiotherapy system imaging quality control phantom guided by magnetic resonance  
 (51) Int. Cl.  
**G01R 33/58** ( 2006.01 )  
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 (72) QIU, Jianfeng; RONG, Yi; CAO, Min-song; CHEN, Tiao  
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(71) Shandong University  
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 (21) 2018414989 (22) 27.12.2018  
 (54) Calcium polyphosphate/wollastonite bio-composite ceramic material and preparation method therefor  
 (51) Int. Cl.  
**C04B 35/22** ( 2006.01 )  
**A61F 2/28** ( 2006.01 )  
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(71) Shanghai EnnovaBio Pharmaceuticals Co., Ltd.  
 (11) AU-B-2019344878  
 (21) 2019344878 (22) 23.09.2019  
 (54) Aromatic heterocyclic compound with kinase inhibitory activity  
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**thyssenkrupp AG see thyssenkrupp Indus-  
 trial Solutions AG**

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**A61K 35/17** ( 2015.01 )  
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**A23P 30/25** ( 2016.01 )  
**A21C 11/16** ( 2006.01 )  
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**E04B 1/348** ( 2006.01 )  
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Numerical Index

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<b>2016276556</b>	Adicet Bio Inc.	<b>2017300359</b>	Tyber Medical LLC
<b>2016279493</b>	Miyamoto, E.	<b>2017306527</b>	Solutions Plus Group Limited
<b>2016281904</b>	Seqirus UK Limited	<b>2017307558</b>	Titan Spine, Inc.
<b>2016289492</b>	Janssen Vaccines & Prevention B.V.	<b>2017311507</b>	OMNI Solutions LLC
<b>2016290065</b>	Genentech, Inc.	<b>2017311608</b>	Makuri Technology Pte. Ltd.
<b>2016290513</b>	Université de Nantes; Centre Hospitalier Universitaire de Nantes; INSERM (Institut National de la Santé et de la Recherche Médicale)	<b>2017315963</b>	Harsco Technologies LLC
<b>2016291825</b>	Yeda Research and Development Co. Ltd.	<b>2017320331</b>	Swinburne University of Technology
<b>2016293104</b>	VIVORYON THERAPEUTICS N.V.	<b>2017325573</b>	Hubbell Incorporated
<b>2016294611</b>	Evolved by Nature, Inc.	<b>2017328286</b>	Equinor Energy AS
<b>2016294858</b>	Vrije Universiteit Brussel	<b>2017331565</b>	Vibrant Ltd.
<b>2016297018</b>	Takeda Pharmaceutical Company Limited	<b>2017331808</b>	Mine Site Technologies Pty Ltd
<b>2016315704</b>	Helixmith Co., Ltd	<b>2017335223</b>	Illumina Cambridge Limited
<b>2016331215</b>	The Board of Trustees of the Leland Stanford Junior University	<b>2017335736</b>	Magic Leap, Inc.
<b>2016340371</b>	Hughes Safety Showers Limited	<b>2017336366</b>	Ocado Innovation Limited
<b>2016342113</b>	Danieli Corus B.V.	<b>2017338314</b>	Holcim Technology Ltd
<b>2016349693</b>	Memorial Sloan-Kettering Cancer Center; Adjavance Technologies, Inc.	<b>2017338775</b>	Illumina, Inc.
<b>2016349822</b>	Synthetic Genomics, Inc.	<b>2017339580</b>	AcuSort AB; Instrumentation Laboratory Company
<b>2016353453</b>	Serimmune Inc.	<b>2017343891</b>	Ecotec Gestione Impianti S.R.L.
<b>2016358063</b>	Industrial Microbes, Inc.	<b>2017345349</b>	Piper Access, LLC
<b>2016361326</b>	Melin, J.	<b>2017346647</b>	Nihon Bisoh Co., Ltd.
<b>2016364677</b>	Maxwell Biotech Group Ltd.	<b>2017347026</b>	National Research Council of Canada
<b>2016366227</b>	The Regents of the University of California	<b>2017349928</b>	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
<b>2016368434</b>	Nippon Steel Corporation; Vallourec Oil and Gas France	<b>2017350884</b>	AMO Development, LLC
<b>2016375187</b>	Julius-Maximilians-Universität Würzburg	<b>2017358903</b>	Qualcomm Incorporated
<b>2016377165</b>	Intervet International B.V.	<b>2017361878</b>	Norton (waterford) Limited
<b>2016402361</b>	ESM Technologies, LLC; Ruff, K.	<b>2017367535</b>	Green Spot Technologies SAS
<b>2016406796</b>	Nordmeccanica S.p.A.	<b>2017371399</b>	LCRT PTY LTD
<b>2016409814</b>	Sandvik Intellectual Property AB	<b>2017371407</b>	LSO Medical
<b>2016418409</b>	Tobra Medical, Inc.	<b>2017372905</b>	Avigilon Corporation
<b>2016425530</b>	Spray-Net Franchises Inc.	<b>2017374695</b>	BAE Systems plc
<b>2016428212</b>	Halliburton Energy Services, Inc.	<b>2017374758</b>	Wood, J.
<b>2017201462</b>	ARK Corporation Pty Ltd	<b>2017376270</b>	Contego Medical, Inc.
<b>2017202659</b>	Bordin, D.	<b>2017377092</b>	Aros, J.
<b>2017203126</b>	Sulzer Management AG	<b>2017377130</b>	Praaktis Limited
<b>2017204841</b>	Kal-Fire Beheer B.V.	<b>2017380788</b>	Treiber Trays Composites GmbH
<b>2017207514</b>	Global Aquatica Pty Ltd	<b>2017380905</b>	Dentsply IH AB
<b>2017213103</b>	Formycon AG	<b>2017384368</b>	Danstar Ferment AG
<b>2017213804</b>	Crown Packaging Technology, Inc.	<b>2017394687</b>	Dow Global Technologies LLC
<b>2017217331</b>	Mihrianyan, A.	<b>2017400226</b>	Scheppach GmbH
<b>2017217619</b>	Suez Groupe	<b>2017400674</b>	Kimberly-Clark Worldwide, Inc.
<b>2017225234</b>	Absolute Module Oy	<b>2017413152</b>	Samsung Electronics Co., Ltd.
<b>2017228844</b>	MYA Saray, LLC	<b>2017417291</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2017230722</b>	Echonous, Inc.	<b>2018201111</b>	Schneider Electric Industries SAS
<b>2017231572</b>	Fugro N.V.	<b>2018201778</b>	Caterpillar Inc.
<b>2017232265</b>	Max-Delbrück-Centrum für Molekulare Medizin in der Helmholtz-Gemeinschaft	<b>2018203366</b>	DAM BUSTER IP PTY LTD
<b>2017235992</b>	Schneider Electric (Australia) Pty Limited	<b>2018204474</b>	CNH Industrial America LLC
<b>2017243882</b>	AMOG Technologies Pty Ltd	<b>2018205270</b>	Scholar Rock, Inc.
<b>2017246264</b>	Hayward Baker, Inc.; Jones, J.	<b>2018210239</b>	Massachusetts Institute of Technology; Advanced Potash Technologies Ltd
<b>2017246458</b>	Greenlight Biosciences, Inc.	<b>2018210949</b>	ALARM.COM INCORPORATED
<b>2017248659</b>	The Trustees of The University of Pennsylvania	<b>2018220600</b>	BCKC Holding Company
<b>2017257537</b>	Cytec Industries Inc.	<b>2018227502</b>	MedImmune Limited
<b>2017258568</b>	Reckitt Benckiser Finish B.V.	<b>2018229730</b>	Heinrich Kopp GmbH
<b>2017262419</b>	Liebherr-Werk Bischofshofen GmbH	<b>2018236894</b>	NEC Platforms, Ltd.
<b>2017262724</b>	Linde Aktiengesellschaft	<b>2018244161</b>	Abilion Medical Systems AB
<b>2017268842</b>	Aadigen, LLC	<b>2018248184</b>	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
<b>2017277559</b>	Caterpillar Inc.	<b>2018253115</b>	Magenta Therapeutics, Inc.
<b>2017285427</b>	Superbolt, Inc.	<b>2018256212</b>	Microsoft Technology Licensing, LLC
<b>2017285887</b>	Rolling Optics Innovation AB	<b>2018259094</b>	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
<b>2017285888</b>	Rolling Optics Innovation AB	<b>2018261733</b>	BNSF Railway Company
<b>2017290128</b>	Vision Quest Industries Incorporated dba VQ OrthoCare	<b>2018262327</b>	OPTERAN TECHNOLOGIES LIMITED
<b>2017295722</b>	ICU Medical, Inc.	<b>2018263886</b>	Revolution Medicines, Inc.

Applications Accepted - Numerical Index cont'd

2018263907	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2019367148	dormakaba Schweiz AG
2018265860	Harpoon Therapeutics, Inc.	2019370618	Peter MacCallum Cancer Institute
2018267721	National Research Council of Canada	2019373211	Netflix, Inc.
2018280552	Verdesian Life Sciences U.S., LLC	2019373651	W & H Sterilization S.R.L.
2018281928	Landis+Gyr Technologies, LLC	2019377820	The Procter & Gamble Company; The Cleveland Clinic Foundation
2018293928	CCL Secure Pty Ltd	2019379377	Komatsu Ltd.
2018297606	Inflazome Limited	2019380324	LivePerson, Inc.
2018311912	Mani, Inc.	2019386691	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018316494	Creo Medical Limited	2019386971	X Development LLC
2018319043	Geberit International AG	2019388593	Shandong First Medical University & Shandong Academy of Medical Sciences
2018321969	McGinley Engineered Solutions, LLC	2019389876	Medacta International SA
2018324771	Fuji Oil Holdings Inc.	2019390729	GlaxoSmithKline Intellectual Property Development Limited; Viiv Healthcare Company; The University of North Carolina at Chapel Hill
2018332058	Hugo Petersen GmbH	2019393979	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018341805	Nihon Yamamura Glass Co., Ltd.	2019397879	Amicro Semiconductor Co., Ltd.
2018367613	Control Bionics Holdings Pty Ltd; Schorey, J.	2019398165	Phoenix Contact GmbH & Co. KG
2018373587	Ricoh Company, Ltd.	2019400046	Alfa Laval Corporate AB
2018377771	Mitsui Chemicals, Inc.	2019415174	Tokyo Institute of Technology; Yokogawa Electric Corporation
2018389628	SICPA HOLDING SA	2019416139	Wright Medical Technology, Inc.
2018403205	Emily Sauer LLC	2019421303	Li, C.
2018404838	Calik Denim Tekstil San. ve Tic. A.S.	2019421433	Nippon Steel Corporation; Vallourec Oil and Gas France
2018414989	Shandong University	2019426399	Huawei Technologies Co., Ltd.
2018441785	NEC Corporation	2019437717	China University of Mining and Technology
2018448254	Colgate-Palmolive Company	2019438207	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018451481	Mitsubishi Electric Corporation	2019442562	Qingdao University of Technology
2018452060	Beijing Institute of Control And Electronic Technology; Tangshan Zhaolan Marine Technology Co., Ltd.	2019456680	China University of Mining and Technology
2018452488	Geyser Batteries Oy	2019480636	Osaka Sealing Printing Co., Ltd.
2018456082	Huawei Technologies Co., Ltd.	2020200034	The Regents of the University of California
2019208218	KARADENIZ TEKNİK UNIVERSİTESİ	2020203144	University of North Texas Health Science Center at Fort Worth; Board of Regents, The University of Texas System
2019211664	Sunshine Lake Pharma Co., Ltd.	2020204000	Breville Pty Limited
2019213446	Westinghouse Air Brake Technologies Corporation	2020210935	Neovasc Medical Ltd.
2019231791	Agenus Inc.	2020211253	BiSiChem Co., Ltd.
2019243852	The Gillette Company LLC	2020213383	Duke University
2019248256	LG Electronics Inc.	2020217389	Alcoa USA Corp.
2019248545	Merck Sharp & Dohme Corp.	2020217462	Visby Medical, Inc.
2019254452	Maxamcorp Holding, S.L.	2020220021	Boston Scientific Neuromodulation Corporation
2019262286	Tianjin Hemay Pharmaceutical Sci-Tech Co., Ltd	2020220140	Schock GmbH
2019263758	Thomson Reuters Enterprise Centre GmbH	2020227117	MTD Products Inc
2019263784	Israel Aerospace Industries Ltd.	2020230265	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.
2019265694	Telefonaktiebolaget LM Ericsson	2020230329	Visual Physics, LLC; Crane Security Technologies, Inc.
2019270103	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2020233630	British Columbia Cancer Agency Branch; The University of British Columbia University-Industry Liaison Office
2019283912	Z-Modular Holding, Inc.	2020241300	Kyocera Senco Industrial Tools, Inc.
2019284293	W. L. Gore & Associates, Inc.	2020244542	Phoenix Interactive Design, Inc.
2019284477	Axsome Therapeutics, Inc.	2020244551	Kadimastem Ltd.
2019286470	Nicoventures Trading Limited	2020244578	FUJIFILM Corporation
2019288048	FUJIFILM Corporation	2020244580	FUJIFILM Corporation
2019294343	Citrix Systems, Inc.	2020250310	LG Electronics Inc.
2019294387	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG	2020256361	Huawei Technologies Co., Ltd.
2019304057	Vogelsang GmbH & Co. KG	2020257046	MJN U.S. Holdings LLC
2019310985	Baker Hughes Holdings LLC	2020257925	Kyndryl, Inc.
2019316882	Grirem Advanced Materials Co., Ltd.	2020260400	BioCryst Pharmaceuticals, Inc.
2019317180	Samyang Holdings Corporation	2020267287	BR Invention Holding, LLC
2019317586	Nokia Technologies Oy	2020267320	Nanjing Yanchang Reaction Technology Research Institute Co., Ltd.
2019324598	Halewood Laboratories Pvt. Ltd.	2020273302	Asana Biosciences, LLC
2019325918	Abbott Diabetes Care Inc.	2020273323	Turbett Surgical, Inc.
2019326538	Citrix Systems, Inc.	2020274296	Wright Medical Technology, Inc.
2019332388	Seiko PMC Corporation	2020277119	Stryker Corporation
2019334724	LG Electronics Inc.	2020280022	Icahn School of Medicine at Mount Sinai; Monogram Orthopaedics Inc.
2019339245	LG Electronics Inc.		
2019344878	Shanghai EnnovaBio Pharmaceuticals Co., Ltd.		
2019345867	Rheinmetall Waffe Munition GmbH		
2019345878	Siemens Energy Global GmbH & Co. KG		
2019347534	i-SENS, Inc.		
2019348323	Hosch Fördertechnik GmbH		
2019350588	Apple Inc.		
2019352792	CMR Surgical Limited		
2019354609	JCM American Corporation		
2019357830	Hefei Institutes of Physical Science, Chinese Academy of Sciences		
2019360114	Kyocera Senco Industrial Tools, Inc.		

## Applications Accepted - Numerical Index cont'd

2020281157 Sports Information Services Limited  
2020286182 WearOptimo Pty Ltd  
2020289716 Silk Road Medical, Inc.  
2020289766 Kotobuki Holdings Co., Ltd.  
2020289773 MT Innovations Pty Ltd.  
2020292778 Geistlich Pharma AG  
2020294308 Akebia Therapeutics, Inc  
2020317264 Chang'an University  
2020357557 Intuit Inc.  
2020372603 Intuit Inc.  
2020381103 Small Pharma Ltd  
2020382120 Airbus Defence and Space Limited  
2020386085 Upside Foods, Inc.  
2020397115 DAMAE Medical  
2020403270 LTAG Systems LLC  
2020406407 Airbus Defence and Space Limited  
2020408075 JOST-Werke Deutschland GmbH  
2020423106 Duff, J.; Paganessi, J.  
2021200082 Greeneden U.S. Holdings II, LLC  
2021200306 Lifetime Products, Inc.  
2021200389 Precision Planting LLC  
2021200440 Road Widener LLC  
2021200549 Burcon Nutrascience (MB) Corp.  
2021200742 Alnylam Pharmaceuticals, Inc.; TAKEDA PHARMA-  
CEUTICAL COMPANY LIMITED  
2021201242 Salesforce.com, Inc.  
2021201714 Securion Systems, Inc.  
2021201780 Apple Inc.  
2021201815 ServiceNow, Inc.  
2021202038 Raven Industries, Inc.  
2021202265 Bruin Biometrics LLC  
2021203029 NTT DOCOMO, INC.  
2021203072 Boston Scientific Scimed, Inc.  
2021203112 Eikonic R&D Pty Ltd  
2021203489 Eteros Technologies Inc.  
2021203682 Spin Master, Inc.  
2021203765 Qingdao University of Technology; Shenyang Hongyang  
Precision Ceramics Co.,Ltd.  
2021203983 BOE Technology Group Co., Ltd.  
2021203991 Google LLC  
2021204241 DEKA Products Limited Partnership  
2021205010 SyntheX, Inc.  
2021221901 AiCuris GmbH & Co. KG  
2021240210 Quanta Associates, L. P.  
2021266245 B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.  
2021277730 China Coal Research Institute  
2022200301 Magic Leap, Inc.  
2022201182 Cellix Bio Private Limited  
2022204344 LINEAGE LOGISTICS, LLC

IPC Index

<b><u>A01B 63 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A47L 21 /-</u></b>	2018403205	<b><u>A61K 33 /-</u></b>	<b><u>A61K 9 /-</u></b>
2021200389	2021200549	2020289773	<b><u>A61F 9 /-</u></b>	2021203112	2016361326
<b><u>A01B 69 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A47L 5 /-</u></b>	2017350884	<b><u>A61K 35 /-</u></b>	2016364677
2021202038	2021200549	2019339245	2018311912	2016291825	2016377165
<b><u>A01D 34 /-</u></b>	<b><u>A23L 11 /-</u></b>	<b><u>A47L 9 /-</u></b>	<b><u>A61G 1 /-</u></b>	2018253115	2017213103
2017400226	2021200549	2019334724	2020277119	2019317180	2017217331
2019248256	<b><u>A23L 13 /-</u></b>	2019339245	<b><u>A61G 5 /-</u></b>	2020244551	2019288048
2021203489	2020386085	<b><u>A61B 1 /-</u></b>	2020277119	<b><u>A61K 36 /-</u></b>	2019317180
<b><u>A01D 41 /-</u></b>	<b><u>A23L 19 /-</u></b>	2019352792	<b><u>A61G 7 /-</u></b>	2019377820	2021200742
2018204474	2017367535	<b><u>A61B 10 /-</u></b>	<b><u>A61K 38 /-</u></b>	<b><u>A61L 2 /-</u></b>	2021203072
<b><u>A01D 45 /-</u></b>	<b><u>A23L 2 /-</u></b>	2016418409	2016279493	2019373651	2020273323
2021203489	2017349928	2017331565	2016294611	<b><u>A61L 27 /-</u></b>	
<b><u>A01G 3 /-</u></b>	2019324598	<b><u>A61B 17 /-</u></b>	2016353453	2020292778	
2021203489	2020257046	2017300359	2016375187	<b><u>A61M 1 /-</u></b>	
<b><u>A01N 25 /-</u></b>	2021200549	2017345349	2017213103	2016418409	2020289716
2018280552	<b><u>A23L 33 /-</u></b>	2018321969	2018227502	2021204241	
<b><u>A01N 43 /-</u></b>	2019324598	2019389876	2020292778	<b><u>A61K 39 /-</u></b>	
2018280552	2020257046	2019416139	2021205010	2016276556	<b><u>A61M 15 /-</u></b>
<b><u>A01N 43 /-</u></b>	2021200549	2020210935	<b><u>A61H 9 /-</u></b>	2016281904	2017361878
2018259094	<b><u>A23L 7 /-</u></b>	2020274296	2018244161	2016289492	<b><u>A61M 25 /-</u></b>
2018280552	2017367535	<b><u>A61B 18 /-</u></b>	<b><u>A61J 1 /-</u></b>	2016290065	2017376270
<b><u>A01N 63 /-</u></b>	<b><u>A23P 30 /-</u></b>	2017371407	2018377771	2016291825	2017380905
2019208218	2020230265	2018316494	<b><u>A61K 101 /-</u></b>	2016315704	2020289716
<b><u>A01N 65 /-</u></b>	<b><u>A24F 1 /-</u></b>	2021202265	2016294858	2016353453	
2019208218	2017228844	<b><u>A61B 34 /-</u></b>	<b><u>A61K 103 /-</u></b>	2018205270	<b><u>A61M 29 /-</u></b>
<b><u>A01P 21 /-</u></b>	<b><u>A24F 47 /-</u></b>	2019352792	2016294858	2018227502	2020289716
2019208218	2019286470	2020280022	<b><u>A61K 31 /-</u></b>	2018265860	<b><u>A61M 3 /-</u></b>
<b><u>A01P 3 /-</u></b>	<b><u>A47B 87 /-</u></b>	<b><u>A61B 5 /-</u></b>	2016349693	2019288048	2017380905
2019208218	2017225234	2017290128	2016361326	<b><u>A61K 45 /-</u></b>	<b><u>A61M 5 /-</u></b>
<b><u>A21C 11 /-</u></b>	<b><u>A47C 27 /-</u></b>	2018367613	2016364677	2019288048	2017295722
2020230265	2021203682	2019325918	2016377165	2019288048	2017298209
<b><u>A21D 13 /-</u></b>	<b><u>A47J 19 /-</u></b>	2019347534	2017217331	2019317180	<b><u>A61M 60 /-</u></b>
2017367535	2020204000	2020267287	2018263886	2021203072	2021204241
<b><u>A23C 9 /-</u></b>	<b><u>A47K 10 /-</u></b>	2020286182	2018297606	<b><u>A61K 48 /-</u></b>	<b><u>A61N 1 /-</u></b>
2018324771	2017400674	2021202265	2019211664	2017248659	2020213383
<b><u>A23D 7 /-</u></b>	<b><u>A47K 3 /-</u></b>	<b><u>A61B 8 /-</u></b>	2019248545	<b><u>A61K 49 /-</u></b>	2020220021
2018324771	2016340371	2017230722	2019262286	2017335223	<b><u>A61P 1 /-</u></b>
<b><u>A23G 3 /-</u></b>	<b><u>A47L 15 /-</u></b>	<b><u>A61B 90 /-</u></b>	2019284477	<b><u>A61K 51 /-</u></b>	2018297606
2017380788	2017258568	2019352792	2019288048	2016294858	2019262286
	2020289773	<b><u>A61F 2 /-</u></b>	2019344878	2020233630	2019357830
		2017307558	2019357830	2020244578	2019377820
		2018414989	2019377820	2020244580	2019390729
		2019284293	2020233630	2020260400	2020233630
		2020210935	2020244578	2020273302	2020244578
		2020289716	2020244580	2020381103	2020244580
		<b><u>A61F 5 /-</u></b>	2021221901	2021221901	<b><u>A61K 8 /-</u></b>
		2017290128	2022201182	2022201182	2018297606
					2019262286



Applications Accepted - IPC Index cont'd

<b><u>A61P 13 /-</u></b>	2019262286 2019288048 2019344878 2019370618 2019390729	<b><u>B03B 5 /-</u></b>	2019421303	<b><u>B23P 15 /-</u></b>	2019243852	<b><u>B61L 27 /-</u></b>	2019213446
2018297606 2019377820	2020211253 2020233630 2020244578 2020244580 2020273302	<b><u>B03D 1 /-</u></b>	2019437717	<b><u>B23P 19 /-</u></b>	2020220140	<b><u>B61L 3 /-</u></b>	2018261733
<b><u>A61P 15 /-</u></b>		<b><u>B04B 11 /-</u></b>	2019400046	<b><u>B23Q 11 /-</u></b>	2019263784 2021200306	<b><u>B62D 1 /-</u></b>	2017262419
2018297606	<b><u>A61P 37 /-</u></b>	<b><u>B04B 7 /-</u></b>	2019400046	<b><u>B23Q 17 /-</u></b>	2019263784	<b><u>B62D 53 /-</u></b>	2020408075
2016361326 2018297606 2019344878	2018263886 2018297606 2019262286 2019288048 2020257046	<b><u>B05B 1 /-</u></b>	2016340371	<b><u>B23Q 5 /-</u></b>	2017371399	<b><u>B63B 21 /-</u></b>	2017243882
<b><u>A61P 17 /-</u></b>		<b><u>B05B 15 /-</u></b>	2016340371	<b><u>B25B 13 /-</u></b>	2021200306	<b><u>B63B 35 /-</u></b>	2017328286
2016361326 2018297606 2019344878	<b><u>A61P 43 /-</u></b>	<b><u>B05C 1 /-</u></b>	2016406796	<b><u>B25B 21 /-</u></b>	2021200306	<b><u>B63B 39 /-</u></b>	2017243882
<b><u>A61P 19 /-</u></b>	2016279493 2016361326 2019288048 2020244578 2020244580	<b><u>B07B 1 /-</u></b>	2017217619	<b><u>B25B 23 /-</u></b>	2019304057	<b><u>B63G 8 /-</u></b>	2020403270
2016361326 2016402361 2019262286	<b><u>A61P 5 /-</u></b>	<b><u>B08B 3 /-</u></b>	2017306527	2017246264 2020241300	<b><u>B41M 3 /-</u></b>	<b><u>B64C 1 /-</u></b>	2019263784 2021200306
<b><u>A61P 21 /-</u></b>	2018205270	<b><u>B09B 3 /-</u></b>	2017285427	<b><u>B25B 29 /-</u></b>	2018293928	<b><u>B64C 3 /-</u></b>	2019263784 2021200306
2018205270	<b><u>A61P 7 /-</u></b>	<b><u>B21D 22 /-</u></b>	2017217619	<b><u>B25C 1 /-</u></b>	2018293928 2020230329	<b><u>B64C 3 /-</u></b>	2019263784 2021200306
<b><u>A61P 25 /-</u></b>	2016375187 2020294308	<b><u>B09C 1 /-</u></b>	2017217619	2019360114	<b><u>B44D 3 /-</u></b>	<b><u>B65C 9 /-</u></b>	2019480636
2018205270 2018263886 2018297606 2019284477 2019377820 2020244551 2020381103	<b><u>A61P 9 /-</u></b>	<b><u>B21D 22 /-</u></b>	2017217619	<b><u>B25D 17 /-</u></b>	2016425530	<b><u>B65C 9 /-</u></b>	2019480636
<b><u>A61P 29 /-</u></b>	2018205270 2018297606 2019377820	<b><u>B21D 51 /-</u></b>	2017338314	<b><u>B25D 17 /-</u></b>	<b><u>B60D 1 /-</u></b>	<b><u>B65G 45 /-</u></b>	2019480636
2016361326 2019262286 2020211253	<b><u>A61Q 11 /-</u></b>	<b><u>B22C 9 /-</u></b>	2017338314	<b><u>B25D 9 /-</u></b>	2017201462	<b><u>B65G 45 /-</u></b>	2019348323
<b><u>A61P 3 /-</u></b>	2018448254 2021203112	<b><u>B22D 17 /-</u></b>	2017213804	2019360114	<b><u>B60R 1 /-</u></b>	<b><u>B65G 53 /-</u></b>	2017336366
2018205270 2019211664 2019357830 2019377820	<b><u>A63F 13 /-</u></b>	<b><u>B22D 17 /-</u></b>	2017213804	<b><u>B25F 5 /-</u></b>	2020408075	<b><u>B65G 60 /-</u></b>	2022204344
<b><u>A61P 31 /-</u></b>	2019354609	<b><u>B22D 17 /-</u></b>	2018341805	<b><u>B25H 1 /-</u></b>	2020408075	<b><u>B65G 60 /-</u></b>	2022204344
2016291825 2018227502 2018297606 2019262286 2019390729 2021203112 2021221901 2022201182	<b><u>B01D 3 /-</u></b>	<b><u>B22D 17 /-</u></b>	2018341805 2021203765	2017246264	<b><u>B60R 7 /-</u></b>	<b><u>B65G 63 /-</u></b>	2022204344
<b><u>A61P 3 /-</u></b>	<b><u>B01D 47 /-</u></b>	<b><u>B22D 17 /-</u></b>	<b><u>B23C 3 /-</u></b>	<b><u>B25J 11 /-</u></b>	2020250310	<b><u>B65G 63 /-</u></b>	2022204344
2018205270 2019211664 2019357830 2019377820	2016342113	<b><u>B22D 17 /-</u></b>	<b><u>B23C 3 /-</u></b>	2019248256 2019334724	<b><u>B61H 13 /-</u></b>	<b><u>B65G 67 /-</u></b>	2019213446
<b><u>A61P 31 /-</u></b>	<b><u>B01D 53 /-</u></b>	<b><u>B22D 17 /-</u></b>	2017203126 2019304057	<b><u>B25J 5 /-</u></b>	2019213446	<b><u>B65G 67 /-</u></b>	2022204344
2016291825 2018227502 2018297606 2019262286 2019390729 2021203112 2021221901 2022201182	2018332058	<b><u>B22D 17 /-</u></b>	<b><u>B23C 5 /-</u></b>	2022204344	<b><u>B61L 1 /-</u></b>	<b><u>B66C 19 /-</u></b>	2018261733
<b><u>A61P 31 /-</u></b>	<b><u>B01J 19 /-</u></b>	<b><u>B22D 17 /-</u></b>	2017203126 2019304057	<b><u>B25J 9 /-</u></b>	2018261733	<b><u>B66C 19 /-</u></b>	2022204344
2016291825 2018227502 2018297606 2019262286 2019390729 2021203112 2021221901 2022201182	2020267320	<b><u>B22D 17 /-</u></b>	<b><u>B23C 5 /-</u></b>	2019248256 2019334724 2022204344	<b><u>B61L 21 /-</u></b>	<b><u>B66F 11 /-</u></b>	2022204344
<b><u>A61P 35 /-</u></b>	<b><u>B01J 8 /-</u></b>	<b><u>B22D 17 /-</u></b>	<b><u>B23K 26 /-</u></b>	<b><u>B26B 21 /-</u></b>	2018261733	<b><u>B66F 11 /-</u></b>	2021200440
2016276556 2016291825 2016294858 2016364677 2018263886 2018297606 2019231791 2019248545	2018332058 2020267320	<b><u>B01L 3 /-</u></b>	2019442562		2018261733	<b><u>B66F 9 /-</u></b>	2018261733

Applications Accepted - IPC Index cont'd

2017346647	<b><u>C07B 53 /-</u></b>	<b><u>C07D 233 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 1 /-</u></b>	<b><u>C08L 19 /-</u></b>
<b><u>C01B 33 /-</u></b>	2019415174	2020233630	2018259094		
		2022201182	2020273302	2019415174	2020317264
2018210239	<b><u>C07B 59 /-</u></b>	<b><u>C07D 239 /-</u></b>	<b><u>C07D 417 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08L 33 /-</u></b>
<b><u>C02F 1 /-</u></b>	2020244578				
	2020244580	2016279493	2017335223	2016353453	2020220140
2017311507		2018297606	2018259094	2016366227	
<b><u>C02F 11 /-</u></b>	<b><u>C07C 235 /-</u></b>	2022201182	2019248545	2017248659	<b><u>C08L 89 /-</u></b>
			2020273302	2019208218	
2017207514	2021200742	<b><u>C07D 241 /-</u></b>	2021221901	2021205010	2016294611
<b><u>C03B 25 /-</u></b>	<b><u>C07C 237 /-</u></b>	2018297606	<b><u>C07D 451 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08L 91 /-</u></b>
2017371399	2021200742	<b><u>C07D 249 /-</u></b>	2018297606	2016276556	2020317264
<b><u>C03B 40 /-</u></b>	<b><u>C07C 269 /-</u></b>			2016290065	
		2020233630	<b><u>C07D 471 /-</u></b>	2016293104	<b><u>C08L 95 /-</u></b>
2018341805	2019415174	<b><u>C07D 255 /-</u></b>		2016294858	2020317264
<b><u>C03B 5 /-</u></b>	<b><u>C07C 271 /-</u></b>		2018253115	2016297018	
		2020244578	2019344878	2016315704	<b><u>C09D 7 /-</u></b>
2017371399	2019415174	2020244580	2020211253	2018205270	
	2021200742		2020244578	2018227502	2016425530
<b><u>C03B 9 /-</u></b>	<b><u>C07C 41 /-</u></b>	<b><u>C07D 257 /-</u></b>		2018265860	
			<b><u>C07D 475 /-</u></b>	2019231791	<b><u>C09K 11 /-</u></b>
2018341805	2017394687	2020244578		2019370618	
<b><u>C03C 12 /-</u></b>	<b><u>C07C 43 /-</u></b>	2020244580	2019357830	2021205010	2017335223
2017371399	2021200742	<b><u>C07D 277 /-</u></b>	<b><u>C07D 487 /-</u></b>	<b><u>C07K 5 /-</u></b>	<b><u>C10M 117 /-</u></b>
<b><u>C04B 111 /-</u></b>	<b><u>C07C 51 /-</u></b>				
		2019248545	2018253115	2016279493	2019421433
2017338314	2020267320	<b><u>C07D 295 /-</u></b>	2018259094	<b><u>C07K 7 /-</u></b>	<b><u>C10M 125 /-</u></b>
<b><u>C04B 28 /-</u></b>	<b><u>C07C 63 /-</u></b>				
		2020233630	<b><u>C07D 491 /-</u></b>	2017268842	2019421433
2017338314	2020267320	<b><u>C07D 303 /-</u></b>		<b><u>C08F 212 /-</u></b>	<b><u>C10M 143 /-</u></b>
2019456680	2020267320		2017335223		
<b><u>C04B 35 /-</u></b>	<b><u>C07D 205 /-</u></b>	2020423106	<b><u>C07D 495 /-</u></b>	2018377771	2019421433
2018414989	2018297606	<b><u>C07D 309 /-</u></b>	2019248545	<b><u>C08F 220 /-</u></b>	<b><u>C10M 147 /-</u></b>
<b><u>C04B 7 /-</u></b>	<b><u>C07D 207 /-</u></b>		2019262286		
		2019211664	2020294308	2019332388	2019421433
2017338314	2018297606	<b><u>C07D 333 /-</u></b>	<b><u>C07D 498 /-</u></b>	<b><u>C08F 232 /-</u></b>	<b><u>C10M 159 /-</u></b>
<b><u>C05D 1 /-</u></b>	<b><u>C07D 209 /-</u></b>				
		2019248545	2018263886	2018377771	2019421433
2018210239	2020381103	<b><u>C07D 401 /-</u></b>	2019248545	<b><u>C08G 101 /-</u></b>	<b><u>C10N 30 /-</u></b>
<b><u>C05F 11 /-</u></b>	<b><u>C07D 211 /-</u></b>				
		2018259094	<b><u>C07D 513 /-</u></b>	2017394687	2019421433
2017384368	2018297606	2018297606	2019390729	<b><u>C08G 18 /-</u></b>	<b><u>C10N 40 /-</u></b>
<b><u>C05G 1 /-</u></b>	<b><u>C07D 213 /-</u></b>				
		2020273302	<b><u>C07D 519 /-</u></b>	2017394687	2019421433
2017384368	2020294308	2020294308			
<b><u>C06B 21 /-</u></b>	<b><u>C07D 217 /-</u></b>	<b><u>C07D 403 /-</u></b>	2018253115	<b><u>C08G 65 /-</u></b>	<b><u>C11D 11 /-</u></b>
			2018263886		
2019254452	2018297606	2018259094	<b><u>C07F 1 /-</u></b>	2017394687	2017258568
<b><u>C06B 23 /-</u></b>	<b><u>C07D 223 /-</u></b>	2018297606			
		2019344878	2020244578	<b><u>C08J 3 /-</u></b>	<b><u>C12C 13 /-</u></b>
2017384368	2020294308	2020273302	2020244580		
<b><u>C06B 47 /-</u></b>	<b><u>C07D 231 /-</u></b>	2022201182		2020220140	2017336366
			<b><u>C07F 5 /-</u></b>		
2019254452	2018297606	<b><u>C07D 405 /-</u></b>		<b><u>C08J 5 /-</u></b>	<b><u>C12G 3 /-</u></b>
<b><u>C06B 47 /-</u></b>	<b><u>C07D 223 /-</u></b>		2020244578		
		2018297606	2020244580	2020220140	2017349928
2019254452	2018297606	2020273302			
<b><u>C06B 47 /-</u></b>	<b><u>C07D 231 /-</u></b>	2022201182	<b><u>C07H 13 /-</u></b>	<b><u>C08J 7 /-</u></b>	<b><u>C12M 1 /-</u></b>
2019254452	2018259094	<b><u>C07D 409 /-</u></b>	2016349693	2020220140	2020386085
	2020260400				
		2018297606	<b><u>C07H 15 /-</u></b>	<b><u>C08K 3 /-</u></b>	<b><u>C12N 1 /-</u></b>
		2020273302			
			2016349693	2020220140	2016349822

Applications Accepted - IPC Index cont'd

2016358063 2017246458 2019208218	2017343891	2017315963	<b><u>E21B 17 /-</u></b>	<b><u>F16B 7 /-</u></b>	<b><u>F27D 19 /-</u></b>
<b><u>C12N 15 /-</u></b>	<b><u>C23C 26 /-</u></b>	<b><u>E01C 19 /-</u></b>	2016368434 2017246264 2019310985	2019283912	2016342113
2016349822 2016366227 2017232265 2017248659 2017268842 2019208218	2019421433	2021200440	<b><u>E21B 19 /-</u></b>	<b><u>F16D 1 /-</u></b>	<b><u>F41G 3 /-</u></b>
<b><u>C12N 5 /-</u></b>	<b><u>C23C 28 /-</u></b>	<b><u>E01D 22 /-</u></b>	2017246264	2017285427	2017374695
2016290513 2016291825 2018253115 2020200034 2020203144 2020244551	2019421433	2017346647	<b><u>E21B 21 /-</u></b>	<b><u>F16K 15 /-</u></b>	<b><u>F41G 7 /-</u></b>
<b><u>C12N 7 /-</u></b>	<b><u>C25C 3 /-</u></b>	<b><u>E02B 17 /-</u></b>	2019310985	2021203682	2017374695
2016281904	2020217389	2017328286	<b><u>E21B 37 /-</u></b>	<b><u>F16L 1 /-</u></b>	<b><u>F42B 15 /-</u></b>
<b><u>C12N 9 /-</u></b>	<b><u>C25C 7 /-</u></b>	<b><u>E02D 5 /-</u></b>	2019310985	2017243882	2017374695
2016279493 2016349822 2016366227 2017268842	2020217389	2017243882	2019310985	<b><u>F16L 15 /-</u></b>	<b><u>F42C 1 /-</u></b>
<b><u>C12P 17 /-</u></b>	<b><u>D01D 4 /-</u></b>	<b><u>E02F 3 /-</u></b>	<b><u>E21B 4 /-</u></b>	2019421433	2019345867
2016366227	2017257537	2019294387	2017377092	<b><u>F16L 21 /-</u></b>	<b><u>F42C 11 /-</u></b>
<b><u>C12P 19 /-</u></b>	<b><u>D06F 39 /-</u></b>	<b><u>E02F 5 /-</u></b>	<b><u>E21B 43 /-</u></b>	2019456680	2019345867
2017246458 2020217462	2017311507	2019294387 2020403270	2016428212 2019310985	<b><u>F16L 57 /-</u></b>	<b><u>F42C 13 /-</u></b>
<b><u>C12P 7 /-</u></b>	<b><u>D06M 15 /-</u></b>	<b><u>E02F 7 /-</u></b>	<b><u>E21B 47 /-</u></b>	2017243882	2017374695
2016349822	2016294611	2019294387 2020403270	2016428212	<b><u>F16L 58 /-</u></b>	<b><u>F42D 1 /-</u></b>
<b><u>C12P 17 /-</u></b>	<b><u>D06M 16 /-</u></b>	<b><u>E02F 9 /-</u></b>	<b><u>E21B 7 /-</u></b>	2017243882	2019254452
2016366227	2018404838	2017277559 2017311608 2019294387	2017246264	<b><u>F16L 9 /-</u></b>	<b><u>G01B 5 /-</u></b>
<b><u>C12P 19 /-</u></b>	<b><u>D06N 3 /-</u></b>	<b><u>E03C 1 /-</u></b>	<b><u>E21C 41 /-</u></b>	2019456680	2019348323
2017246458 2020217462	2018404838	2016340371 2020289766	2019379377 2021277730	<b><u>F16S 3 /-</u></b>	<b><u>G01B 9 /-</u></b>
<b><u>C12P 7 /-</u></b>	<b><u>D06P 1 /-</u></b>	<b><u>E03D 1 /-</u></b>	2019283912	2019283912	2020397115
2016349822	2018404838	2018319043	<b><u>E21C 50 /-</u></b>	<b><u>F23C 1 /-</u></b>	<b><u>G01C 21 /-</u></b>
<b><u>C12Q 1 /-</u></b>	<b><u>D06P 3 /-</u></b>	<b><u>E03D 11 /-</u></b>	2020403270	2017204841	2018210949
2016279493 2018373587	2018404838	2018319043	<b><u>E21D 11 /-</u></b>	<b><u>F23C 3 /-</u></b>	<b><u>G01F 9 /-</u></b>
<b><u>C12R 1 /-</u></b>	<b><u>D21F 11 /-</u></b>	<b><u>E03D 9 /-</u></b>	2016409814	2017204841	2019294387
2019208218	2017400674	2018319043	<b><u>E21D 23 /-</u></b>	<b><u>F24D 3 /-</u></b>	<b><u>G01N 1 /-</u></b>
<b><u>C21B 7 /-</u></b>	<b><u>D21H 11 /-</u></b>	<b><u>E04B 1 /-</u></b>	2016409814	2016253669	2017339580
2016342113	2017400674	2019283912	<b><u>E21D 9 /-</u></b>	<b><u>F25B 21 /-</u></b>	<b><u>G01N 21 /-</u></b>
<b><u>C22B 1 /-</u></b>	<b><u>D21H 17 /-</u></b>	<b><u>E04C 5 /-</u></b>	2021277730	2020250310	2017347026 2018267721 2020397115
2017343891 2019316882	2019332388	2019283912	<b><u>F02M 35 /-</u></b>	<b><u>F25D 19 /-</u></b>	<b><u>G01N 33 /-</u></b>
<b><u>C22B 3 /-</u></b>	<b><u>D21H 21 /-</u></b>	<b><u>E04D 13 /-</u></b>	2020227117	2020250310	2016290065 2016331215 2016353453 2016402361 2017339580 2020203144 2020244551
2019316882	2019332388	2017306527 2018203366	<b><u>F04C 2 /-</u></b>	<b><u>F25J 3 /-</u></b>	<b><u>G01N 9 /-</u></b>
<b><u>C22B 59 /-</u></b>	<b><u>D21H 27 /-</u></b>	<b><u>E04H 17 /-</u></b>	2019304057	2018220600	2016331215
2017343891 2019316882	2017400674	2017202659	<b><u>F15D 1 /-</u></b>	<b><u>F26B 5 /-</u></b>	<b><u>G01R 15 /-</u></b>
<b><u>C22B 7 /-</u></b>	<b><u>E01B 27 /-</u></b>	<b><u>E21B 10 /-</u></b>	2017243882	2020273323	2019345878 2019386971
	2017315963	<b><u>E21B 10 /-</u></b>	<b><u>F16B 31 /-</u></b>	<b><u>F27D 17 /-</u></b>	
	<b><u>E01B 35 /-</u></b>	2017377092	2017285427	2016342113	

Applications Accepted - IPC Index cont'd

<b>G01R 19/-</b>	2019294387	<b>G06N 10/-</b>	2018210949	<b>H01Q 15/-</b>	<b>H04B 1/-</b>
2018229730	<b>G05D 1/-</b>	2021203991	<b>G09F 19/-</b>	2020406407	2018452060
2019386971	2017374695	<b>G06N 3/-</b>	2017285887	<b>H01Q 19/-</b>	<b>H04B 10/-</b>
<b>G01R 29/-</b>	2018201778	2017372905	2017285888	2019426399	2018236894
2019386971	2018210949	2018256212	<b>G09F 9/-</b>	2020406407	<b>H04B 13/-</b>
<b>G01R 31/-</b>	2022204344	2019373211	2021203983	<b>H01Q 21/-</b>	2018452060
2018281928	<b>G05D 21/-</b>	2021201242	<b>G09G 3/-</b>	2019426399	<b>H04B 3/-</b>
2019386971	2016425530	<b>G06N 5/-</b>	2017413152	2020406407	2017331808
2021240210	<b>G05G 5/-</b>	2019373211	<b>G09G 5/-</b>	<b>H01Q 3/-</b>	<b>H04B 7/-</b>
<b>G01R 33/-</b>	2017262419	2020357557	2017335736	2020406407	2017358903
2019388593	<b>G06F 1/-</b>	2020372603	2017413152	<b>H01R 13/-</b>	2020256361
<b>G01S 1/-</b>	2021204241	<b>G06N 99/-</b>	<b>G10L 15/-</b>	2017201462	<b>H04L 1/-</b>
2017374695	<b>G06F 11/-</b>	2021203991	2021201242	2018229730	2018263907
<b>G01S 11/-</b>	2019326538	<b>G06Q 10/-</b>	<b>G10L 25/-</b>	2019398165	2019270103
2017374695	2021203991	2017262724	2021201242	<b>H01R 24/-</b>	<b>H04L 12/-</b>
<b>G01S 13/-</b>	<b>G06F 13/-</b>	2022204344	<b>G16C 10/-</b>	2019398165	2021201714
2020382120	2018451481	<b>G06Q 40/-</b>	2016425530	<b>H01R 4/-</b>	<b>H04L 27/-</b>
<b>G01S 19/-</b>	<b>G06F 16/-</b>	2020372603	<b>G16H 50/-</b>	2017325573	2018452060
2017374695	2019263758	<b>G06Q 50/-</b>	2019352792	<b>H02H 1/-</b>	<b>H04L 5/-</b>
<b>G01S 5/-</b>	2019294343	2017262724	<b>G21C 13/-</b>	2018229730	2017358903
2017374695	2020357557	2019263758	2017285427	2018229730	2018441785
2018201778	2020372603	2022204344	<b>H01G 11/-</b>	2018229730	2019393979
<b>G01S 7/-</b>	<b>G06F 17/-</b>	<b>G06T 19/-</b>	2018452488	<b>H02H 11/-</b>	<b>H04L 51/-</b>
2020382120	2017338775	2017335736	<b>H01L 21/-</b>	2018229730	2019380324
<b>G01V 1/-</b>	2021201242	2019352792	2017320331	<b>H02H 5/-</b>	<b>H04L 67/-</b>
2017231572	<b>G06F 21/-</b>	<b>G06T 7/-</b>	<b>H01L 27/-</b>	2018229730	2019326538
<b>G02B 1/-</b>	2020257925	2017290128	<b>H01L 29/-</b>	<b>H02H 9/-</b>	<b>H04L 69/-</b>
2018377771	<b>G06F 3/-</b>	2017335736	2021203983	2017235992	<b>H04L 9/-</b>
<b>G02B 21/-</b>	2017335736	2018456082	<b>H01M 10/-</b>	2017235992	2021201714
2020397115	2018456082	2021201780	2018452488	<b>H02J 9/-</b>	<b>H04M 11/-</b>
<b>G02B 26/-</b>	2021201780	2021203983	<b>H01P 1/-</b>	2018201111	2017331808
2017350884	2021203983	2021203029	2018316494	<b>H03F 3/-</b>	<b>H04N 19/-</b>
<b>G02B 27/-</b>	<b>G06F 40/-</b>	<b>G07C 9/-</b>	<b>H01P 5/-</b>	2018389628	2021203029
2020397115	2019263758	2019367148	2018316494	<b>H03K 7/-</b>	2021266245
<b>G02B 26/-</b>	2020357557	<b>G07F 17/-</b>	<b>H01Q 1/-</b>	2019397879	<b>H04N 21/-</b>
2017350884	2021201815	2019354609	2019426399	<b>H03M 13/-</b>	2020281157
<b>G02B 27/-</b>	<b>G06F 8/-</b>	<b>G07F 19/-</b>	2020406407	2021203991	<b>H04N 5/-</b>
2017335736	2019326538	2020244542	<b>H01Q 13/-</b>	<b>H03M 7/-</b>	2017413152
2022200301	<b>G06F 9/-</b>	<b>G08B 13/-</b>	2019426399	2018256212	2020281157
<b>G02B 6/-</b>	2019326538	2018256212	<b>H01Q 13/-</b>		
2022200301	<b>G06K 9/-</b>	<b>G08G 3/-</b>	2019426399		
<b>G04G 21/-</b>	2017335736	2020382120	2020406407		
2021201780	2017372905	<b>G08G 5/-</b>			
<b>G05B 11/-</b>	2017377130				
	2021202038				

## Applications Accepted - IPC Index cont'd

**H04N 7 /-**

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**H04W 24 /-**

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**H04W 28 /-**

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2019438207

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2017358903

2019386691

**H04W 76 /-**

2019265694

2019317586

**H04W 8 /-**

2019350588

**H04W 80 /-**

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2021200082

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**Name Index**

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

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 (11) AU-B-2021107609  
 (21) 2021107609 (22) 15.11.2021  
 (54) User interfaces for subscription applications  
 (51) Int. Cl.  
*G06Q 30/06* ( 2012.01 )  
*G06F 3/048* ( 2013.01 )  
*G06Q 20/14* ( 2012.01 )  
*G06Q 20/18* ( 2012.01 )  
*H04M 1/724* ( 2021.01 )  
*H04M 3/42* ( 2006.01 )  
 (45) 11.08.2022  
 (62) 2021101064  
 (72) PHILLIPS, Joseph Stanley; MAGNANI, Joseph Andrew; EVASHEVSKI, Michael; ROFMAN, Alex; THAI, Ann M.; GROMEK, Monika E.; BENNETT, Colin; LIU, Terry Y.; WASKAN-LUI, Sonja  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Martin, I.  
 (11) AU-B-2022100054  
 (21) 2022100054 (22) 07.04.2022  
 (54) A WATER STANDPIPE ASSEMBLY  
 (51) Int. Cl.  
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*B67D 7/38* ( 2010.01 )  
*B67D 7/78* ( 2010.01 )  
 (45) 11.08.2022  
 (62) 2020244576  
 (72) Martin, Ian Dale  
 (74) Michael Buck IP
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- Neilsen, E. see Neilsen, K.**  
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- (71) Neilsen, K.; Saelman, D.; Neilsen, E.  
 (11) AU-B-2018100076  
 (21) 2018100076 (22) 17.01.2018  
 (54) A LIFT ASSEMBLY AND METHOD OF USE THEREOF  
 (51) Int. Cl.  
*B66F 11/04* ( 2006.01 )  
 (45) 11.08.2022  
 (72) Neilsen, Kodey Charles; Neilsen, Eric; Saelman, Daniel  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- Saelman, D. see Neilsen, K.**  
 (21) 2018100076
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- (71) Schneider Electric (Australia) Pty Limited  
 (11) AU-B-2021107590  
 (21) 2021107590 (22) 22.10.2021
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- (54) CONNECTORS FOR ELECTRICAL SYSTEM  
 (51) Int. Cl.  
*H01R 13/502* ( 2006.01 )  
*H01H 9/02* ( 2006.01 )  
*H01H 21/04* ( 2006.01 )  
*H01H 21/12* ( 2006.01 )  
*H01H 21/20* ( 2006.01 )  
*H01R 13/42* ( 2006.01 )  
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*H01R 13/508* ( 2006.01 )  
*H01R 13/514* ( 2006.01 )  
*H01R 13/70* ( 2006.01 )  
*H01R 13/73* ( 2006.01 )  
*H01R 24/78* ( 2011.01 )  
*H02B 1/46* ( 2006.01 )  
*H02G 3/08* ( 2006.01 )  
*H02G 3/14* ( 2006.01 )  
*H05K 5/02* ( 2006.01 )  
 (45) 11.08.2022  
 (62) 2016235020  
 (72) Lifran, Xavier  
 (74) Madderns Pty Ltd
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- (71) Tuffstuff International Pty Ltd  
 (11) AU-B-2021107628  
 (21) 2021107628 (22) 26.11.2021  
 (54) Roller Support Apparatus & Method  
 (51) Int. Cl.  
*B65G 39/12* ( 2006.01 )  
*B65G 39/02* ( 2006.01 )  
*B65G 41/00* ( 2006.01 )  
 (45) 11.08.2022  
 (62) 2020203013  
 (72) Holford, Graham Dean  
 (74) Caska Intellectual Property Pty Ltd
- 
- (71) Wallace Building Systems Pty Ltd  
 (11) AU-B-2021107173  
 (21) 2021107173 (22) 25.08.2021  
 (54) SYSTEM AND APPARATUS FOR A STRUCTURAL BEAM  
 (51) Int. Cl.  
*E04C 3/06* ( 2006.01 )  
*E04B 5/10* ( 2006.01 )  
*E04B 5/14* ( 2006.01 )  
*E04C 3/04* ( 2006.01 )  
*G06F 30/17* ( 2020.01 )  
 (45) 11.08.2022  
 (72) Candido, Artur Zkakis; Cicero, James  
 (74) Pini IP

**Numerical Index**

**2018100076** Neilsen, K.; Saelman, D.; Neilsen, E.  
**2021107173** Wallace Building Systems Pty Ltd  
**2021107590** Schneider Electric (Australia) Pty Limited  
**2021107609** Apple Inc.  
**2021107628** Tuffstuff International Pty Ltd  
**2022100054** Martin, I.

IPC Index

	<u>H05K 5 /-</u>
<u>B65G 39 /-</u>	2021107590
2021107628	
<u>B65G 41 /-</u>	
2021107628	
<u>B66F 11 /-</u>	
2018100076	
<u>B67D 7 /-</u>	
2022100054	
<u>E04B 5 /-</u>	
2021107173	
<u>E04C 3 /-</u>	
2021107173	
<u>G06F 3 /-</u>	
2021107609	
<u>G06F 30 /-</u>	
2021107173	
<u>G06Q 20 /-</u>	
2021107609	
<u>G06Q 30 /-</u>	
2021107609	
<u>H01H 21 /-</u>	
2021107590	
<u>H01H 9 /-</u>	
2021107590	
<u>H01R 13 /-</u>	
2021107590	
<u>H01R 24 /-</u>	
2021107590	
<u>H02B 1 /-</u>	
2021107590	
<u>H02G 3 /-</u>	
2021107590	
<u>H04M 1 /-</u>	
2021107609	
<u>H04M 3 /-</u>	
2021107609	



**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2020202517 **ESCO Group LLC ( CQMS PTY LTD )**

**Patents Granted**

**Standard Patents**

2015353705	2015409757	2016203504	2016205254
2016208312	2016211124	2016226277	2016237086
2016243623	2016244341	2016267606	2016271292
2016280002	2016288237	2016306320	2016308290
2016312846	2016318785	2016318786	2016320764
2016321503	2016325209	2016330261	2016335032
2016336868	2016341063	2016345552	2016346003
2016348531	2016349953	2016353151	2016355120
2016355337	2016358098	2016359617	2016361413
2016366502	2016372396	2016375317	2016375999
2016376007	2016398366	2016409482	2016409499
2016416525	2016419450	2016429558	2016434856
2017200688	2017200847	2017201048	2017202807
2017204507	2017207036	2017207344	2017209221
2017210355	2017212150	2017212452	2017212657
2017213801	2017214252	2017217521	2017220302
2017221213	2017223037	2017229968	2017230910
2017237721	2017245653	2017246073	2017250692
2017251485	2017252439	2017252643	2017252763
2017258454	2017258560	2017259617	2017262128
2017263076	2017263253	2017264413	2017264835
2017265144	2017266724	2017267967	2017269647
2017270092	2017271673	2017274074	2017276799
2017277905	2017277925	2017280757	2017282545
2017283802	2017284889	2017288857	2017294210
2017300019	2017303835	2017314753	2017315300
2017317654	2017318725	2017323418	2017325729
2017326630	2017335997	2017336066	2017339255
2017339723	2017341105	2017344750	2017344974
2017345605	2017348351	2017350556	2017355564
2017355639	2017365956	2017366879	2017367692
2017373823	2017379315	2017382185	2017384316
2017388456	2017401979	2017402155	2017407363
2018200370	2018202451	2018205277	2018207866
2018214650	2018216954	2018217728	2018221322
2018222562	2018223214	2018230542	2018230664
2018236075	2018244357	2018251604	2018251967
2018258100	2018258268	2018261331	2018274715
2018277537	2018286964	2018288771	2018305612
2018308039	2018314488	2018314622	2018324425
2018332491	2018337541	2018355462	2018355743
2018368810	2018373384	2018376804	2018377036
2018377964	2018406921	2018407905	2018418453
2018424231	2018424232	2018427607	2018438250
2018441890	2018445547	2018452252	2019200927
2019212400	2019215799	2019218827	2019220720
2019222873	2019232931	2019234226	2019240046
2019240977	2019247004	2019250180	2019253678
2019254040	2019257404	2019257596	2019274427
2019274443	2019281306	2019282111	2019283997
2019290545	2019297850	2019302087	2019306305
2019312204	2019312471	2019315447	2019327429
2019333201	2019336593	2019341285	2019342223
2019345268	2019346381	2019347711	2019351762
2019353012	2019356439	2019373983	2019374584
2019378072	2019379868	2019379984	2019380422
2019381599	2019387395	2019388543	2019395786
2019409732	2019415870	2019420384	2019440921
2020200414	2020201697	2020201756	2020202383
2020202453	2020202779	2020202780	2020203003

**Patents Granted**

**Standard Patents**

2020203720	2020203845	2020203850	2020204103
2020204269	2020204344	2020204382	2020204494
2020204526	2020205237	2020213280	2020213405
2020213408	2020217303	2020217331	2020223687
2020227098	2020233672	2020239623	2020244380
2020244559	2020244591	2020250185	2020250770
2020257086	2020260543	2020267205	2020270516
2020273378	2020277274	2020281007	2020283140
2020289084	2020289836	2020294303	2020309801
2020314361	2020317482	2020327349	2020341341
2020345605	2020351844	2020361439	2021200042
2021200087	2021200445	2021200495	2021201702
2021201925	2021202449	2021203030	2021203575
2021204062	2021206818	2021218693	2021240305
2021254584	2021261882	2022200402	2022201016

**Innovation Patents**

2017101930	2018102242	2020104481	2020104482
2021107664	2022100086	2022100087	2022100095
2022100096			

**Offer to Surrender**

It is hereby notified that **Gaming Partners International USA, Inc. 1700 Industrial Road , Las Vegas NV 89102**, the Patentee of Patent 2011217768 dated 05.06.2014 for an invention titled ' Gaming table protecting antennas from electromagnetic interferences' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

**Assignments Registered**

2004281024	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2005217983	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2005305007	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2006249421	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2006249424	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2007215468	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2007261609	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2007332640	F. Hoffmann-La Roche AG	The patent has been assigned to <b>Cheplapharm Arzneimittel GmbH</b>
2008200313	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2008247361	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2008311242	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2008318753	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>
2009209134	COMMSCOPE CONNECTIVITY LLC	The patent has been assigned to <b>COMMSCOPE TECHNOLOGIES LLC</b>

**Assignments Registered**

2009338702 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2010276211 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2011200142 CGGVeritas Services SA The patent has been assigned to **SERCEL SAS**

2011209792 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2011212790 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2011215267 FUJIFILM Toyama Chemical Co., Ltd.; Perseus Proteomics Inc. The patent has been assigned to **Perseus Proteomics Inc.; PDRadiopharma Inc.**

2011224110 Shanghai Yi Hsin Industry Co., Ltd. The patent has been assigned to **Shanghai Huan Hsin Electronics Co., Ltd.**

2011270834 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2012201616 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2012216672 CGGVeritas Services SA The patent has been assigned to **SERCEL SAS**

2012265621 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2012272505 Arctos Medical AG The patent has been assigned to **Novartis AG**

2012272693 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2012318396 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2013200010 CGGVeritas Services SA The patent has been assigned to **SERCEL SAS**

2013200589 CGGVeritas Services SA The patent has been assigned to **SERCEL SAS**

2013203864 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2013225624 McLeay, Hugh The patent has been assigned to **McLeay Intellectual Property Pty Ltd**

2013242864 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2013242866 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2013349611 Midas Pharma GmbH; New Injection Systems Ltd The patent has been assigned to **Sensile Medical AG**

2014200823 CGG Services SA The patent has been assigned to **SERCEL SAS**

2014201059 CGG Services SA The patent has been assigned to **SERCEL SAS**

2014224531 CGG Services SA The patent has been assigned to **SERCEL SAS**

**Assignments Registered**

2014311389 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2014327256 CGG Services SA The patent has been assigned to **SERCEL SAS**

2014327420 CGG Services SA The patent has been assigned to **SERCEL SAS**

2015205930 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2015255027 Midas Pharma GmbH; New Injection Systems Ltd The patent has been assigned to **Sensile Medical AG**

2016201870 COMMSCOPE CONNECTIVITY LLC The patent has been assigned to **COMMSCOPE TECHNOLOGIES LLC**

2016258027 Plexikon Inc. The patent has been assigned to **Daiichi Sankyo, Inc.**

2016277929 Spectrum Pharmaceuticals, Inc. The patent has been assigned to **Acrotech Biopharma Inc.**

2016328619 Plexikon Inc. The patent has been assigned to **Opna Immuno-Oncology, SA**

2017201035 Synapco Industries Limited The patent has been assigned to **SafeWaste NZ Limited**

2017285487 Moonlite World Inc. The patent has been assigned to **Redwoodventures, Ltd.**

2018204785 Moonlite World Inc. The patent has been assigned to **Redwoodventures, Ltd.**

2018274988 Moonlite World Inc. The patent has been assigned to **Redwoodventures, Ltd.**

2019201014 Shanghai Onlyu Network Information Technology Co., Ltd. The patent has been assigned to **Shanghai Qinqi Technology Co., Ltd.**

2021105321 SMITH, Bruce The patent has been assigned to **Everflo Australia Pty Ltd**

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

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

2013368945 InnoSIGN B.V. (Koninklijke Philips N.V.)

2014375206 InnoSIGN B.V. (Koninklijke Philips N.V.)

2015334840 InnoSIGN B.V. (Koninklijke Philips N.V.)

**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.

2012253294 **Apellis Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Feb 2022

For the goods EMPAVELI pegcetacoplan

2013344462 **Apellis Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Feb 2022

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

For the goods EMPAVELI pegcetacoplan

2015277786 **Takeda Pharmaceutical Company Limited**

The earliest first regulatory approval date provided by the patentee 19 Jul 2022

For the goods EXKIVITY mobocertinib

2017245334 **Apellis Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Feb 2022

For the goods EMPAVELI pegcetacoplan

2018247243 **Apellis Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 03 Feb 2022

For the goods EMPAVELI pegcetacoplan

**Applications Accepted**

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

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

2005258077 **E. R. Squibb & Sons, L.L.C.**

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

For the goods SAPHNELO anifrolumab

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

**Extensions granted**

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

2017204230 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 13 Aug 2009

For the goods REBLOZYL luspatercept

Extension of Term of patent pursuant to Section 77 expires on 13 Aug 2034

2017251814 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 07 Feb 2022

For the goods RYBELSUS semaglutide

Extension of Term of patent pursuant to Section 77 expires on 07 Feb 2037

2019204127 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 30 Aug 2021

For the goods REBLOZYL luspatercept

Extension of Term of patent pursuant to Section 77 expires on 13 Aug 2035

2019222789 **Acceleron Pharma Inc.**

The earliest first regulatory approval date provided by the patentee 30 Aug 2021

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Extensions granted**

For the goods REBLOZYL luspatercept

Extension of Term of patent pursuant to Section 77 expires on 13 Aug 2034

**Corrigenda**

In Vol 36 , No 30 , Page(s) 4255 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Envision Digital International Pte. Ltd. and Shanghai Envision Digital Co., Ltd., Application No. 2021205791, under INID (72) correct the co-inventor to SUN, Jie

In Vol 36 , No 31 , Page(s) 4349 under the heading **Amendments - Application for Amendments** Under the name Gilead Sciences, Inc., Application No. 2019373245 correct the date of the statements filed to read 5 July 2022 and 15 July 2022

**Specifications Republished**

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

2016278239	<b>Allakos Inc.</b>
2017315300	<b>Qualcomm Incorporated</b>
2018336944	<b>Microsoft Technology Licensing, LLC</b>
2018380774	<b>LG Electronics Inc.</b>
2018441905	<b>Huawei Technologies Co., Ltd.</b>
2019347228	<b>Daikin Industries, Ltd.</b>
2019347974	<b>Huawei Technologies Co., Ltd.</b>
2019347974	<b>Huawei Technologies Co., Ltd.</b>