



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For Information on the following please see our website www.ipaustralia.gov.au
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>
A) Provisional applications filed - Name Index		B) Complete applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)
<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
C) Applications open to public inspection - Name Index		D) Applications accepted - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> of the document	(11)	The <u>number</u> of the document	(11)
The <u>number</u> assigned to the application	(21)	The <u>number</u> of the accepted document	(10)
The <u>date</u> of filing	(22)	The <u>number</u> assigned to the application	(21)
The <u>title</u>	(54)	The <u>date</u> of filing	(22)
The <u>classification marks</u>	(51)	The <u>title</u>	(54)
Priority document <u>number(s)</u>	(31)	The <u>classification marks</u>	(51)
<u>Date</u> of filing of priority document(s)	(32)	PCT publication <u>number</u>	(87)
<u>Country</u> in which priority document filed	(33)	Priority document <u>number</u>	(31)
Publication <u>date</u> of unexamined document	(43)	<u>Date</u> of filing of priority document(s)	(32)
Inventors names if known	(72)	<u>Country</u> in which priority document filed	(33)
<u>Patent Attorneys</u>	(74)	Publication <u>date</u> of unexamined document	(43)
<u>ITEM</u>	<u>INID</u> <u>No.</u>		
E) Patents Certified – Name Index			
The <u>name</u> of the applicant	(71)		
The <u>number</u> of the accepted document	(10)		
The <u>number</u> assigned to the application	(21)		
The <u>date</u> of filing	(22)		
The <u>title</u>	(54)		
The <u>classification marks</u>	(51)		
Priority document <u>number</u>	(31)		
<u>Date</u> of filing of priority document(s)	(32)		
<u>Country</u> in which priority document filed	(33)		
Publication <u>date</u> of granted patent	(45)		
Inventors <u>names</u>	(72)		
<u>Patent Attorneys</u>	(74)		
Related by division	(62)		

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 29 April 2021

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Apple Inc. 2021 APO 17

Patent Application:	2017203579
Title:	Magnetic connector with optical signal path
Patent Applicant:	Apple Inc.
Delegate:	Dr W.E. Guinea
Decision Date:	14 April 2021
Hearing Date:	Written submissions filed 1 November 2019 and 27 March 2020
Catchwords:	PATENTS – section 45 – Examiner objections – standard patent – patent of addition – divisional application — inventive step – inventive step objection not sustainable – whether valid patent of addition – novel and inventive features of main invention considered – validity of main invention in doubt – consideration of additional status suspended pending re-examination of main invention – time to gain acceptance extended pursuant to Regulation 13.4(3)
Representation:	Patent attorney for the applicant: FPA Patent Attorneys Pty Ltd

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 29 April 2021

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Apple Inc. [2021] APO 18

Patent Application:	2018201089
Title:	Context-specific user interfaces
Patent Applicant:	Apple Inc.
Delegate:	R Subbarayan
Decision Date:	20 April 2021
Hearing Date:	Written submissions filed on 12 February 2021
Catchwords:	PATENTS – Examiner Objections – editing clock face in a smart watch – whether the claims are for a manner of manufacture – whether the claims are inventive – neither objection can be maintained – application to proceed to grant
Representation:	Patent attorney for the applicant: FPA Patent Attorneys Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Apr 2021 .

(71) Anker, M.; Richardson, G. (21) 2021901090 (22) 14.04.2021 (54) HYDROARYLATION OF OLEFINS	(71) Buddying UP Pty Ltd (21) 2021901048 (22) 09.04.2021 (54) Relational-based online commerce system and method	Hilton, A. see Hilton, B. (21) 2021901017
(71) Aquamill Five Star Pty Ltd (21) 2021901034 (22) 09.04.2021 (54) Evaporator	(71) BUTLER TECHNOLOGY PTY LTD; Cohen, B. (21) 2021901051 (22) 11.04.2021 (54) CHILDS HIGHCHAIR CATCHING TRAY	(71) Hilton, B.; Hilton, A. (21) 2021901017 (22) 08.04.2021 (54) Hilton wave power station
(71) Austin Engineering Limited (21) 2021901036 (22) 09.04.2021 (54) A BUCKET FOR AN UNDERGROUND MINING MACHINE	Cohen, B. see BUTLER TECHNOLOGY PTY LTD (21) 2021901051	(71) Hudson Institute of Medical Research (21) 2021901027 (22) 08.04.2021 (54) Oligonucleotides
(71) Australian Valve Group Pty Ltd (21) 2021901033 (22) 08.04.2021 (54) VALVE CARTRIDGE, VALVE CARTRIDGE KIT, VALVE INCORPORATING A VALVE CARTRIDGE OR VALVE CARTRIDGE KIT AND A METHOD OF ASSEMBLING A VALVE	(71) Crick, E. (21) 2021901039 (22) 09.04.2021 (54) Keg, system and method for storing and dispensing a beverage	(71) Kerkhoff, S. (21) 2021901040 (22) 09.04.2021 (54) SAFETY HELMET
(71) Australian Vanadium Limited (21) 2021901042 (22) 09.04.2021 (54) Vanadium Recovery	(71) Edwards, G. (21) 2021901037 (22) 09.04.2021 (54) Table Tennis Bat	(71) Lampard, R. (21) 2021901005 (22) 01.04.2021 (54) Sonic plasma enhanced combustion cycle modifications to suit operation on hydrogen
(71) Baraja Pty Ltd (21) 2021901057 (22) 12.04.2021 (54) Light-based spatial estimation transmission and reception systems	(71) Gale Pacific Limited (21) 2021901045 (22) 09.04.2021 (54) FABRIC	(71) LOCATA CORPORATION PTY LTD (21) 2021901043 (22) 09.04.2021 (54) Apparatus and Methods for Monitoring Deflection of a Structural Element
(71) Biosceptre (Aust) Pty Ltd (21) 2021901030 (22) 08.04.2021 (54) Methods for controlling immune cell activity	(71) Gale Pacific Limited (21) 2021901046 (22) 09.04.2021 (54) SURFACE FINISH	(71) Lumen Freedom Pty Ltd (21) 2021901026 (22) 08.04.2021 (54) A Wireless Charging Assembly for an Electric Vehicle
(71) Brennan, T. (21) 2021901029 (22) 08.04.2021 (54) PROTECTIVE CLOSURE ASSEMBLY	(71) GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEEERA, C.; WHEELWRIGHT, W. (21) 2021901032 (22) 08.04.2021 (54) IMPROVED MEMBRANES	MILLS, S. see GIFFORD, D. (21) 2021901032
	(71) gTET (21) 2021901038 (22) 09.04.2021 (54) Energy storage and supply system	(71) MY SOUND TECHNOLOGY Pty Ltd (21) 2021901025 (22) 08.04.2021 (54) METHOD OF MEDICAL INTERVENTION FOR MENTAL ILL-HEALTH

Provisional Applications Filed - Name Index cont'd

(71) Ng, F.
(21) 2021901050 (22) 10.04.2021
(54) Coordinated Bushfire Shield
(FIS#6632)

PASCOE, G. see GIFFORD, D.
(21) 2021901032

(71) Peter MacCallum Cancer Institute
(21) 2021901031 (22) 08.04.2021
(54) Methods for the analysis of gene expression and uses thereof

RANAWEERA, C. see GIFFORD, D.
(21) 2021901032

Richardson, G. see Anker, M.
(21) 2021901090

(71) Seovic Civil Engineering Pty Ltd
(21) 2021901049 (22) 09.04.2021
(54) A MODULAR DUST EXTRACTION UNIT

(71) Space Industries Pty Ltd
(21) 2021901041 (22) 09.04.2021
(54) Foldable Parabolic Dish

(71) THE WYSE GROUP PTY LTD
(21) 2021901047 (22) 09.04.2021
(54) Digitally Controlled Single Punch Tablet Press

(71) Wanigaratne, B.
(21) 2021901028 (22) 08.04.2021
(54) Fluid Treatment Method and System

WHEELWRIGHT, W. see GIFFORD, D.
(21) 2021901032

Numerical Index

2021901005	Lampard, R.
2021901017	Hilton, B.; Hilton, A.
2021901025	MY SOUND TECHNOLOGY Pty Ltd
2021901026	Lumen Freedom Pty Ltd
2021901027	Hudson Institute of Medical Research
2021901028	Wanigaratne, B.
2021901029	Brennan, T.
2021901030	Biosceptre (Aust) Pty Ltd
2021901031	Peter MacCallum Cancer Institute
2021901032	GIFFORD, D.; MILLS, S.; PASCOE, G.; RANAWEERA, C.; WHEELWRIGHT, W.
2021901033	Australian Valve Group Pty Ltd
2021901034	Aquamill Five Star Pty Ltd
2021901036	Austin Engineering Limited
2021901037	Edwards, G.
2021901038	gTET
2021901039	Crick, E.
2021901040	Kerkhoff, S.
2021901041	Space Industries Pty Ltd
2021901042	Australian Vanadium Limited
2021901043	LOCATA CORPORATION PTY LTD
2021901045	Gale Pacific Limited
2021901046	Gale Pacific Limited
2021901047	THE WYSE GROUP PTY LTD
2021901048	Buddying UP Pty Ltd
2021901049	Seovic Civil Engineering Pty Ltd
2021901050	Ng, F.
2021901051	BUTLER TECHNOLOGY PTY LTD; Cohen, B.
2021901057	Baraja Pty Ltd
2021901090	Anker, M.; Richardson, G.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Apr 2021 .

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

8 Rivers Capital, LLC see Palmer Labs, LLC (21) 2021202130	(71) AgBiome, Inc. (21) 2021202218 (22) 13.04.2021 (54) Pesticidal genes and methods of use (62) 2016283985	GAME WITH DYNAMICALLY VARIABLE SYMBOL VALUES (31) 16/836,296 (32) 31.03.20 (33) US
(71) Abbott Rapid Diagnostics International Unlimited Company; Alere San Diego, Inc. (21) 2021201980 (22) 30.03.2021 (54) Sample Preparation Device (62) 2016348479	(71) Agenus Inc. (21) 2021202037 (22) 01.04.2021 (54) VACCINES FOR TREATMENT AND PREVENTION OF CANCER (62) 2016260540	(71) Aristocrat Technologies, Inc. (21) 2021202026 (22) 31.03.2021 (54) LINKED REEL STRIP MECHANISM FOR RE-SPIN SERIES (31) 16/836,403 (32) 31.03.20 (33) US 16/836,538 31.03.20 US 16/836,588 31.03.20 US
ABIVAX see UNIVERSITE DE MONTPELLIER (21) 2021201960	(71) Akili Interactive Labs, Inc. (21) 2021202051 (22) 01.04.2021 (54) PROCESSOR-IMPLEMENTED SYSTEMS AND METHODS FOR ENHANCING COGNITIVE ABILITIES BY PERSONALIZING COGNITIVE TRAINING REGIMENS (62) 2019271911	(71) Aristocrat Technologies, Inc. (21) 2021202072 (22) 02.04.2021 (54) SYSTEMS AND METHODS FOR SECURELY CONNECTING AN ELECTRONIC GAMING MACHINE TO AN END USER DEVICE (31) 63/005,008 (32) 03.04.20 (33) US 63/024,860 14.05.20 US 17/220,778 01.04.21 US
(71) Absolute Graphic Technologies USA, Inc. (21) 2021202151 (22) 08.04.2021 (54) TREATING WATER (62) 2015374153	(71) Alarm.com Incorporated (21) 2021202129 (22) 07.04.2021 (54) VIRTUAL ENHANCEMENT OF SECURITY MONITORING (62) 2016228525	(71) Assembly Biosciences, Inc.; Indiana University Research and Technology Corporation (21) 2021202065 (22) 01.04.2021 (54) Hepatitis B core protein modulators (62) 2016323293
(71) Accenture Global Solutions Limited (21) 2021202020 (22) 31.03.2021 (54) CLOSED LOOP NODAL ANALYSIS (62) 2019203230	Alere San Diego, Inc. see Abbott Rapid Diagnostics International Unlimited Company (21) 2021201980	(71) Auckland UniServices Limited (21) 2021202217 (22) 13.04.2021 (54) Methods and systems for ocular imaging, diagnosis and prognosis (62) 2019340215
(71) Accurate Repetition P/L (21) 2021202076 (22) 05.04.2021 (54) PISTON VALVE SEAL ASSEMBLY (31) 2020901080 (32) 06.04.20 (33) AU	(71) Allergan Industrie, SAS (21) 2021202089 (22) 06.04.2021 (54) Compositions and methods for improving skin appearance (62) 2016217963	(71) Avant Medical Corp. (21) 2021202004 (22) 31.03.2021 (54) AUTOINJECTOR SYSTEM (62) 2019240651
(71) Acutus Medical, Inc. (21) 2021201964 (22) 30.03.2021 (54) Ultrasound sequencing system and method (62) 2016262547	(71) Angel Playing Cards Co., Ltd. (21) 2021202002 (22) 31.03.2021 (54) Fraud detection system in casino (62) 2019204373	(71) Avixgen Inc, (21) 2021202033 (22) 01.04.2021 (54) CYTOPLASMIC TRANSDUCTION PEPTIDE AND INTRACELLULAR MESSENGER COMPRISING SAME (62) 2017375828
(71) Adobe Inc. (21) 2021201933 (22) 28.03.2021 (54) HIERARCHICAL MULTICLASS EXPOSURE DEFECTS CLASSIFICATION IN IMAGES (31) 16/888,473 (32) 29.05.20 (33) US	(71) Aragon Pharmaceuticals, Inc. (21) 2021201979 (22) 30.03.2021 (54) Anticancer compositions (62) 2015358490	(71) AWS Ocean Energy Limited (21) 2021201974 (22) 30.03.2021 (54) Wave energy converter (62) 2016305570
(71) Advanced New Technologies Co., Ltd. (21) 2021202001 (22) 31.03.2021 (54) Visual blockchain browser (62) 2018348339	(71) Aristocrat Technologies, Inc. (21) 2021202024 (22) 31.03.2021 (54) SYSTEM AND METHOD OF PROVIDING A HOLD AND SPIN FEATURE	

Complete Applications Filed - Name Index cont'd

(71) Baker, W.J.
(21) 2021202022 (22) 31.03.2021
(54) Magnetic validation
(31) 2020901115 (32) 07.04.20 (33) AU

(71) Baker Hughes Holdings, LLC
(21) 2021201987 (22) 30.03.2021
(54) Downhole assembly including degradable-on-demand material and method to degrade downhole tool
(62) 2017382518

(71) Baker Hughes Holdings LLC
(21) 2021202049 (22) 01.04.2021
(54) LOCALIZATION METHOD AND SYSTEM FOR MOBILE REMOTE INSPECTION AND/OR MANIPULATION TOOLS IN CONFINED SPACES
(31) 20168248.1 (32) 06.04.20 (33) EP

(71) baresop Pty Ltd
(21) 2021202045 (22) 01.04.2021
(54) CLEANSER

(71) BASF Agricultural Solutions Seed US LLC
(21) 2021201939 (22) 29.03.2021
(54) AXMI477, AXMI482, AXMI486 and AXMI525 toxin genes from bacillus thuringiensis and methods for their use
(62) 2014364119

(71) BASF Agro B.V.
(21) 2021202102 (22) 06.04.2021
(54) Plants having increased tolerance to herbicides
(62) 2014369229

(71) BASF SE
(21) 2021202206 (22) 12.04.2021
(54) Flame retardant polyolefin articles
(62) 2016294860

(71) Bayer Intellectual Property GmbH
(21) 2021202032 (22) 01.04.2021
(54) Substituted picolinic acids and pyrimidine-4-carboxylic acids, method for the production thereof, and use thereof as herbicides and plant growth regulators
(62) 2019201365

(71) Bear Archery, Inc.
(21) 2021202039 (22) 01.04.2021
(54) ARCHERY RELEASE AID
(31) 63/008,887 (32) 13.04.20 (33) US

(71) Becton, Dickinson and Company
(21) 2021201991 (22) 30.03.2021
(54) Needle capture safety interlock for catheter
(62) 2019261776

(71) Becton, Dickinson and Company
(21) 2021202117 (22) 07.04.2021
(54) Method of sample preparation for Maldi and automated system therefor
(62) 2015305782

Beeologics, Inc. see Monsanto Technology LLC
(21) 2021202071

(71) Beijing University of Technology
(21) 2021202021 (22) 31.03.2021
(54) In-situ Double-tilting Single-axis Stretching Device in Transmission Electron Microscope

(71) Beijing University of Technology
(21) 2021202023 (22) 31.03.2021
(54) Device for Measuring In-situ Deformation at Atomic Scale

(71) Bergen Teknologioverføring AS; NewSouth Innovations Pty Limited
(21) 2021201969 (22) 30.03.2021
(54) Process
(62) 2017218598

(71) Bidgely Inc.
(21) 2021202124 (22) 07.04.2021
(54) Systems and methods for disaggregating appliance loads
(62) 2018210560

(71) BioAtla, LLC
(21) 2021202064 (22) 01.04.2021
(54) Mirac Proteins
(62) 2018256476

(71) BioAtla, LLC
(21) 2021202067 (22) 01.04.2021
(54) Mirac Proteins
(62) 2018256476

(71) BioDelivery Sciences International, Inc.
(21) 2021202042 (22) 01.04.2021
(54) Transmucosal drug delivery devices for use in chronic pain relief
(62) 2019202602

(71) BioNet Pharma GmbH
(21) 2021202110 (22) 06.04.2021
(54) Improvement of expression and folding in the manufacturing process of CD-RAP by using a CD-RAP precursor protein
(62) 2016321884

(71) Bioprotonics, Inc.
(21) 2021201998 (22) 31.03.2021

(54) Selective sampling magnetic resonance-based method for assessing structural spatial frequencies
(62) 2015312190

(71) BIO-RAD LABORATORIES, INC.
(21) 2021202147 (22) 08.04.2021
(54) System and Method for Isolating and Analyzing Cells
(62) 2020273294

(71) Boehringer Ingelheim Animal Health USA Inc.
(21) 2021202118 (22) 07.04.2021
(54) Antiparasitic isoxazoline compounds, long-acting injectable formulations comprising them, methods and uses thereof
(62) 2019236686

(71) Braun GmbH
(21) 2021202083 (22) 06.04.2021
(54) Electric toothbrush
(62) 2018292257

(71) BYTO TECH PTY LTD
(21) 2021202143 (22) 07.04.2021
(54) A decontamination solution
(31) 2020901092 (32) 07.04.20 (33) AU

(71) Canon Kabushiki Kaisha
(21) 2021201973 (22) 30.03.2021
(54) Cartridge and electrophotographic image forming apparatus
(62) 2018283274

(71) Canon Kabushiki Kaisha
(21) 2021202140 (22) 07.04.2021
(54) Grouped feature map quantisation

(71) Canon Kabushiki Kaisha
(21) 2021202141 (22) 07.04.2021
(54) 4:2:0 packing of feature maps

(71) Canon Kabushiki Kaisha
(21) 2021202142 (22) 07.04.2021
(54) Tool selection for feature map encoding vs regular video encoding

(71) CATERPILLAR INC.
(21) 2021202127 (22) 07.04.2021
(54) COMMUNICATING PARAMETERS BASED ON A CHANGE
(31) 16/860,889 (32) 28.04.20 (33) US

(71) Caterpillar Underground Mining Pty Ltd
(21) 2021202152 (22) 08.04.2021
(54) System, apparatus, and method to select and apply route properties of a mine site

Complete Applications Filed - Name Index cont'd

(71) Collectis
(21) 2021201967 (22) 30.03.2021
(54) Methods for engineering allogeneic and immunosuppressive resistant T cell for immunotherapy
(62) 2018236867

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE see UNIVERSITE DE MONTPELLIER

(21) 2021201960

(71) Cervino, C.
(21) 2021201954 (22) 29.03.2021
(54) A VEHICLE WITH ADVERTISING DISPLAY

Cheng, L.K.H. see Citadel Casing Ltd

(21) 2021202109

(71) Chevron U.S.A. Inc.
(21) 2021202101 (22) 06.04.2021
(54) Process, method and system for removing heavy metals from fluids
(62) 2015339634

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
(21) 2021202018 (22) 31.03.2021
(54) STEROID DERIVATIVE FXR AGONIST
(62) 2017213032

Children's Hospital of Philadelphia see Mezzion Pharma Co., Ltd

(21) 2021202212

(71) Citadel Casing Ltd; Cheng, L.K.H.
(21) 2021202109 (22) 06.04.2021
(54) FOLDING TAMPER-PROOF CASE AND METHODS THEREOF
(31) PCT/ (32) 04.06.20 (33) WO CN2020/09430

(71) ClearStream Technologies Limited
(21) 2021202145 (22) 08.04.2021
(54) Apparatuses and methods for providing radiopaque medical balloons
(62) 2019200765

CLK Consult v/ Carsten Leonhard Knudsen see Janing Holding ApS

(21) 2021201949

(71) Cobham Mission Systems Wimborne Limited
(21) 2021201968 (22) 30.03.2021
(54) Air-to-air refueling drogue assembly
(31) 2004598.5 (32) 30.03.20 (33) GB

(71) Colgate-Palmolive Company
(21) 2021202174 (22) 09.04.2021
(54) Teeth cleaning device
(62) 2020200902

(71) ConMed Corporation
(21) 2021202133 (22) 07.04.2021
(54) Separable two-part single lumen gas sealed access port for use during endoscopic surgical procedures
(62) 2018230832

(71) Conv Australia Holding Pty Ltd
(21) 2021202138 (22) 07.04.2021
(54) ADJUSTMENT APPARATUS FOR CONVEYOR BELT TRACKING FRAME
(31) 2020901111 (32) 08.04.20 (33) AU

(71) Cooke & Dowsett Pty Ltd
(21) 2021202153 (22) 08.04.2021
(54) Modular wall unit
(62) 2015268697

(71) Crestovo Holdings LLC.
(21) 2021202100 (22) 06.04.2021
(54) Compositions for fecal floral transplantation and methods for making and using them and devices for delivering them
(62) 2016262615

(71) Cripps Clark, J.
(21) 2021202215 (22) 13.04.2021
(54) DETPAT : Determinable Processing and Learning Techniques with Diagnostic Tool for block chain systems implementing consistent asynchronous, non-linear, localized, state-driven and/or condition-based procedurality in distributed systems and enabling safer AI learning from knowledge bases by using matrices to represent whole contextual hierarchies, sub-hierarchies or specific augmentations or views thereof in block chain messages and in block chain processing.
(62) Unknown

(71) Critical Care Diagnostics, Inc.
(21) 2021202116 (22) 06.04.2021
(54) METHODS FOR TREATING CARDIAC DISEASE
(62) 2019201709

(71) CytoDyn Inc.
(21) 2021202132 (22) 07.04.2021
(54) HIV ANTIBODY THERAPY AS TREATMENT SUBSTITUTE
(62) 2015305401

(71) Daon Holdings Limited
(21) 2021202163 (22) 08.04.2021

(54) METHODS AND SYSTEMS FOR INHIBITING THE SPREAD OF A PATHOGEN
(31) 16/847,003 (32) 13.04.20 (33) US

(71) Daon Holdings Limited
(21) 2021202184 (22) 09.04.2021
(54) METHODS AND SYSTEMS FOR ENSURING A USER IS PERMITTED TO USE AN OBJECT TO CONDUCT AN ACTIVITY
(31) 16860351 (32) 28.04.20 (33) US

(71) Deere & Company
(21) 2021201935 (22) 29.03.2021
(54) Tracked vehicle motion correction
(31) 16/861,409 (32) 29.04.20 (33) US

(71) Deere & Company
(21) 2021201970 (22) 30.03.2021
(54) Seed meter disk and methods of using the same
(31) 17/212,858 (32) 25.03.21 (33) US
63/001,499 30.03.20 US
63/002,359 31.03.20 US

(71) Deere & Company
(21) 2021201986 (22) 30.03.2021
(54) Sugarcane harvester billet discharge control
(31) 16/860,168 (32) 28.04.20 (33) US

(71) Deere & Company
(21) 2021202192 (22) 12.04.2021
(54) Air cart with anti-pulsing roller drivetrain
(31) 16/868,985 (32) 07.05.20 (33) US

(71) Depuy Synthes Products, Inc.
(21) 2021201932 (22) 28.03.2021
(54) Identifier-based application of therapeutic coatings to medical implant devices
(31) 16/869,782 (32) 08.05.20 (33) US

(71) De Ridder, D.
(21) 2021202186 (22) 09.04.2021
(54) METHODS OF SENSING CROSS-FREQUENCY COUPLING AND NEUROMODULATION
(62) 2018226433

(71) Dexcom, Inc.
(21) 2021202050 (22) 01.04.2021
(54) Systems and methods for distributing continuous glucose data
(62) 2019204083

(71) Dicerna Pharmaceuticals, Inc.
(21) 2021201953 (22) 29.03.2021

Complete Applications Filed - Name Index cont'd

(54) Methods And Compositions For The Specific Inhibition Of Glycolate Oxidase (HAO1) By Double-Stranded RNA
(62) 2014369850

(71) DIKOVSKIY, A.V.
(21) 2021201948 (22) 29.03.2021
(54) Combination
(62) 2015345333

(71) Direct Acoustics Limited
(21) 2021202068 (22) 01.04.2021
(54) THERMAL LINING AND SYSTEMS UTILISING SAME
(31) GB2004818.7 (32) 01.04.20 (33) GB

(71) dormakaba Deutschland GmbH
(21) 2021202040 (22) 01.04.2021
(54) Backplate for a door actuator
(31) 20180010.9 (32) 15.06.20 (33) EP

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2021202111 (22) 06.04.2021
(54) SAFETY HELMET WITH A RESILIENTLY ATTACHED SHOCK-ABSORBING SHELL AND PROCESS FOR MANUFACTURING SAME
(31) 102020002611.7 (32) 30.04.20 (33) DE

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2021202112 (22) 06.04.2021
(54) SAFETY HELMET WITH MECHANICAL CODES FOR PATCH PLUGS BETWEEN THE INNER LINING AND THE SUPPORT STRUCTURE
(31) 102020002614.1 (32) 30.04.20 (33) DE

(71) Dropbox, Inc.
(21) 2021202035 (22) 01.04.2021
(54) Lossless compression and decompression of digital images using prior image context
(62) 2019261742

(71) E2E, Mfg. LLC
(21) 2021202170 (22) 09.04.2021
(54) Air Mask
(31) 63/017,294 (32) 29.04.20 (33) US

(71) eBay Inc.
(21) 2021201989 (22) 30.03.2021
(54) Managed inventory
(62) 2019204416

(71) Electrolux Appliances Aktiebolag
(21) 2021202148 (22) 08.04.2021
(54) A LAUNDRY TREATING APPLIANCE HAVING A HEAT PUMP SYSTEM
(31) 20169725.7 (32) 15.04.20 (33) EP

(71) Electrolux Appliances Aktiebolag
(21) 2021202150 (22) 08.04.2021
(54) A LAUNDRY TREATING APPLIANCE HAVING A HEAT PUMP SYSTEM
(31) 20169726.5 (32) 15.04.20 (33) EP

(71) Electrolux Appliances Aktiebolag
(21) 2021202156 (22) 08.04.2021
(54) A LAUNDRY TREATING APPLIANCE HAVING A HEAT PUMP SYSTEM
(31) 20169727.3 (32) 15.04.20 (33) EP

(71) Endless Technologies Ltd
(21) 2021202017 (22) 31.03.2021
(54) REDUCED LATENCY SERVER-MEDIATED AUDIO-VIDEO COMMUNICATION
(62) 2021200559

(71) ENLIGHTEN AUSTRALIA PTY LTD
(21) 2021202173 (22) 09.04.2021
(54) System & Method of Verifying Conduct of Building Maintenance or Inspection

(71) Epitech Group S.p.A.
(21) 2021202182 (22) 09.04.2021
(54) ADELMIROL FOR USE IN DISEASES CHARACTERIZED BY INSUFFICIENT AGONISM OF PPAR-GAMMA RECEPTOR
(62) 2016250391

(71) Epizyme, Inc.
(21) 2021202119 (22) 07.04.2021
(54) INHIBITORS OF HUMAN EZH2, AND METHODS OF USE THEREOF
(62) 2019250181

(71) F. Hoffmann-La Roche AG
(21) 2021202122 (22) 07.04.2021
(54) Combined treatment with a TLR7 agonist and an HBV capsid assembly inhibitor
(62) 2019202966

(71) F. Hoffmann-La Roche AG; GENENTECH, INC.
(21) 2021202196 (22) 12.04.2021
(54) Processes for the preparation of pyrimidinylcyclopentane compounds
(62) 2019202461

(71) Fenzl, M.E.
(21) 2021202070 (22) 02.04.2021
(54) COMBINATION BROAD-SPECTRUM ANTIVIRAL NATURAL EXTRACT SUPPLEMENTS
(31) 63/100,924 (32) 08.04.20 (33) US

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021202193 (22) 12.04.2021

(54) PATIENT INTERFACES WITH CONDENSATION REDUCING OR COMPENSATING ARRANGEMENTS
(62) 2019213453

(71) FMC QUÍMICA DO BRASIL LTDA.
(21) 2021202169 (22) 09.04.2021
(54) PRE- AND POST-EMERGENCE BROAD SPECTRUM HERBICIDAL FORMULATION CONTAINING TRIAZOLINONES IN ASSOCIATION WITH UREA PESTICIDES AND METHODS FOR CONTROLLING WEEDS AND INCREASING CROP YIELD
(62) 2019250235

(71) Forrai, S.
(21) 2021201934 (22) 28.03.2021
(54) Facial Ice Mould (Contour Cube)

(71) Fresenius Medical Care Holdings, Inc.
(21) 2021202008 (22) 31.03.2021
(54) Modular blood treatment systems, units, and methods
(62) 2016378722

(71) Fybr
(21) 2021202171 (22) 09.04.2021
(54) Distributed remote sensing system gateway
(62) 2018217266

(71) Gauci, M.; Sultana, P.; Johnson, J.
(21) 2021202044 (22) 01.04.2021
(54) Method and apparatus for restricting use of a portable communication device
(31) 2020901001 (32) 01.04.20 (33) AU

(71) GEA Farm Technologies, Inc.
(21) 2021202216 (22) 13.04.2021
(54) Safety valve for an automatic dairy animal milker unit backflusher and teat dip applicator
(62) 2018211343

(71) Gee, H.
(21) 2021201985 (22) 30.03.2021
(54) power, cordless planner guard cover
(31) 2020901150 (32) 10.04.20 (33) AU

GENENTECH, INC. see F. Hoffmann-La Roche AG
(21) 2021202196

(71) GENINUS INC.
(21) 2021202166 (22) 08.04.2021
(54) COMPOSITION FOR IMPROVING MOLECULAR BARCODING EFFICIENCY AND USE THEREOF
(31) 10-2021-0026287 (32) 26.02.21 (33) KR

Complete Applications Filed - Name Index cont'd

(71) Giant Manufacturing Co., Ltd. (21) 2021202003 (22) 31.03.2021 (54) METHODS AND SYSTEMS FOR BI-CYCLE FITTING (31) 63/003,743 (32) 01.04.20 (33) US 17/213,320 26.03.21 US	(71) HeartSine Technologies Limited (21) 2021202084 (22) 06.04.2021 (54) Resuscitation system (31) 2006613.0 (32) 05.05.20 (33) GB 2020616.5 24.12.20 GB	(71) Illinois Tool Works Inc. (21) 2021201976 (22) 30.03.2021 (54) Counter system for the delivery of, in particular, at least partially unpacked food products and method for taking customer-specific and, in particular; customer-individualized orders at a counter system (31) 10 2020 108 881.7 (32) 31.03.20 (33) DE
(71) Gilead Sciences, Inc. (21) 2021202009 (22) 31.03.2021 (54) Pharmaceutical formulations comprising tenofovir and emtricitabine (62) 2019210558	(71) HLI Cellular Therapeutics, LLC (21) 2021202201 (22) 12.04.2021 (54) EXTRACELLULAR MATRIX COMPOSITIONS (62) 2015306811	(71) Illumina Cambridge Limited (21) 2021202149 (22) 08.04.2021 (54) Detecting repeat expansions with short read sequencing data (62) 2015314114
(71) Glendale Homes Pty Ltd (21) 2021201971 (22) 30.03.2021 (54) A method for constructing a dwelling	(71) Huawei Technologies Co., Ltd. (21) 2021202098 (22) 06.04.2021 (54) MULTIMEDIA DATA PLAYING METHOD AND TERMINAL DEVICE (62) 2016434529	(71) Immatics Biotechnologies GmbH (21) 2021202056 (22) 01.04.2021 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS (62) 2016303021
(71) Grand Performance Online Pty Ltd (21) 2021201972 (22) 30.03.2021 (54) A computer-enabled method, system and computer program for the management of a multi stage transaction including management of a booking and service delivery process (62) 2020200615	(71) Huawei Technologies Co., Ltd. (21) 2021202126 (22) 07.04.2021 (54) Communication method and apparatus (62) 2018317224	(71) Immatics Biotechnologies GmbH (21) 2021202057 (22) 01.04.2021 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS (62) 2016303021
(71) Grand Performance Online Pty Ltd (21) 2021202093 (22) 06.04.2021 (54) A computer-enabled method, system and computer program for managing the exchange between third parties of service contracts for the provision of a restaurant booking or other analogous service (62) 2020200611	(71) Husqvarna AB (21) 2021201961 (22) 30.03.2021 (54) INTELLIGENT WATERING PUMP (62) 2019201585	(71) Immatics Biotechnologies GmbH (21) 2021202058 (22) 01.04.2021 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS (62) 2016303021
(71) Guangxi University (21) 2021201966 (22) 30.03.2021 (54) Method for calculating cavity height and cavity area of the top of concrete-filled steel tube (31) 202010260229.4 (32) 03.04.20 (33) CN	(71) IGT (21) 2021202031 (22) 01.04.2021 (54) SYSTEM AND METHOD FOR MANAGING GAMING ESTABLISHMENT BENEFIT ACCUMULATIONS (31) 63/007,689 (32) 09.04.20 (33) US	(71) Immatics Biotechnologies GmbH (21) 2021202059 (22) 01.04.2021 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS (62) 2016303021
(71) Guardant Health, Inc. (21) 2021202012 (22) 31.03.2021 (54) METHODS AND SYSTEMS FOR DETECTING GENETIC VARIANTS (62) 2019202216	(71) IGT (21) 2021202159 (22) 08.04.2021 (54) CONDITIONAL SPORTING EVENT WAGERS (31) 63/009,774 (32) 14.04.20 (33) US	(71) Immatics Biotechnologies GmbH (21) 2021202060 (22) 01.04.2021 (54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS (62) 2016303021
(71) Haemalogix Pty Ltd (21) 2021202092 (22) 06.04.2021 (54) Anti-lambda myeloma antigen (LMA) binding proteins to treat LMA-expressing cancer and autoimmune disorders (62) 2019225446	(71) IGT (21) 2021202179 (22) 09.04.2021 (54) Tile Selection and Award Determination Sequence (31) 63/009,586 (32) 14.04.20 (33) US	
(71) Hanmi Pharm. Co., Ltd. (21) 2021202134 (22) 07.04.2021 (54) Therapeutic use, for liver disease, of triple agonist having activity with respect to all of glucagon, GLP-1 and GIP receptors, or conjugate thereof (62) 2020305592	(71) IGT (21) 2021202198 (22) 12.04.2021 (54) Mobile Gaming Device Participation with Electronic Gaming Machine Wagering Games (31) 63/013,918 (32) 22.04.20 (33) US	

Complete Applications Filed - Name Index cont'd

(71) ImmunoGen, Inc.
(21) 2021202063 (22) 01.04.2021
(54) Cross-linkers and their uses
(62) 2019202961

(71) Impact Management Group Pty Ltd
(21) 2021202115 (22) 06.04.2021
(54) Systems and methods for managing accounting data
(62) 2019200378

Indiana University Research and Technology Corporation see Assembly Biosciences, Inc.
(21) 2021202065

(71) Infrabuild Wire Pty Limited
(21) 2021202029 (22) 31.03.2021
(54) Wire coating
(31) 2020901024 (32) 02.04.20 (33) AU

(71) Inhibrx, Inc.
(21) 2021202131 (22) 07.04.2021
(54) Serpin fusion polypeptides and methods of use thereof
(62) 2019202904

INSTITUT CURIE see UNIVERSITE DE MONTPELLIER
(21) 2021201960

(71) Intuit Inc.
(21) 2021202128 (22) 07.04.2021
(54) Method and system for providing domain-specific incremental search results with a customer self-service system for a financial management system
(62) 2017334696

(71) IsoLynx, LLC
(21) 2021202136 (22) 07.04.2021
(54) OBJECT TRACKING SYSTEM OPTIMIZATION AND OPTIMIZERS
(62) 2019229392

(71) Janing Holding ApS; CLK Consult v/ Carsten Leonhard Knudsen
(21) 2021201949 (22) 29.03.2021
(54) Device with compositions for delivery to the lungs, the oral mucosa and the brain
(62) 2015308546

(71) Johansson, S.
(21) 2021202146 (22) 08.04.2021
(54) Compact waste combustion system
(31) 63/008,657 (32) 10.04.20 (33) US
63/133,775 04.01.21 US
63/150,575 17.02.21 US
17/184,148 24.02.21 US

Johnson, J. see Gauci, M.
(21) 2021202044

(71) Johnson & Johnson Consumer Inc.
(21) 2021201962 (22) 30.03.2021
(54) Compositions comprising combinations of organic acids
(62) 2016222687

(71) Johnson & Johnson Consumer Inc.
(21) 2021201963 (22) 30.03.2021
(54) Compositions comprising combinations of organic acids
(62) 2016222690

(71) Kelleher, H.J.
(21) 2021202167 (22) 08.04.2021
(54) Improved toilet grab rail support
(62) 2019204040

(71) Kestle, R.W.
(21) 2021202069 (22) 01.04.2021
(54) Insulation
(62) 2019202818

(71) KID-Systeme GmbH
(21) 2021202176 (22) 09.04.2021
(54) ELECTRICAL POWER DISTRIBUTION SYSTEM AND ALLOCATION METHOD FOR DISTRIBUTING ELECTRICAL POWER
(31) 102020206023.1 (32) 13.05.20 (33) DE

(71) Kingston, W.
(21) 2021202211 (22) 13.04.2021
(54) Method of shoreline wave energy capture
(31) GB2005596.8 (32) 17.04.20 (33) GB

(71) Knauf Plasterboard Pty Limited
(21) 2021202162 (22) 08.04.2021
(54) Interior wall system

(71) Kobogosei Co.,Ltd.
(21) 2021201984 (22) 30.03.2021
(54) Aerosol detergent composition
(62) 2018277971

(71) Komatsu Ltd.
(21) 2021201940 (22) 29.03.2021
(54) Construction method, work machine control system, and work machine
(62) 2019202194

(71) KONE CORPORATION
(21) 2021202046 (22) 01.04.2021
(54) SAFETY SYSTEM, ELEVATOR, AND METHOD FOR UPGRADING A SAFETY SYSTEM OF AN ELEVATOR
(31) 20168465.1 (32) 07.04.20 (33) EP

(71) Labanie, F.
(21) 2021202165 (22) 08.04.2021
(54) Photovoltaic Electricity Generation Apparatus
(31) 2020904602 (32) 10.12.20 (33) AU

(71) Larsson, S.F.
(21) 2021201975 (22) 30.03.2021
(54) A stepping device

(71) Le Med Pty Led
(21) 2021201983 (22) 30.03.2021
(54) A nasal splint
(62) 2016282081

(71) Lemmings LLC
(21) 2021201992 (22) 30.03.2021
(54) Robotic golf caddy
(62) 2016340062

(71) LI, Y.
(21) 2021202075 (22) 05.04.2021
(54) A MULTIDIRECTIONAL PUNCHING MACHINE FOR UNDERTAKING A PLURALITY OF EFFECTS ON A SHAPED MEMBER

(71) Lunella Biotech, Inc.
(21) 2021202123 (22) 07.04.2021
(54) Triphenylphosphonium-derivative compounds for eradicating cancer stem cells
(62) 2018373053

(71) Magic Leap, Inc.
(21) 2021202036 (22) 01.04.2021
(54) Dynamic display calibration based on eye-tracking
(62) 2016349891

(71) Mahoney, M.
(21) 2021202207 (22) 12.04.2021
(54) Joiner for attaching to a post
(31) 2020901411 (32) 04.05.20 (33) AU
2020901575 15.05.20 AU

(71) MAKO Surgical Corp.
(21) 2021201999 (22) 31.03.2021
(54) Systems and methods for adaptive planning and control of a surgical tool
(62) 2020202802

(71) MAKO Surgical Corp.
(21) 2021202000 (22) 31.03.2021
(54) Systems for a robotic-assisted revision procedure
(62) 2017295728

Complete Applications Filed - Name Index cont'd

(71) MATISA Matériel Industriel S.A.
(21) 2021202199 (22) 12.04.2021
(54) Transfer car for sleepers and the associated railway vehicle
(31) 2003670 (32) 11.04.20 (33) FR

(71) MATISA Matériel Industriel S.A.
(21) 2021202200 (22) 12.04.2021
(54) Mechanism for reciprocal movement of stacks of sleepers, and railway vehicle comprising such a mechanism
(31) 2003671 (32) 11.04.20 (33) FR

(71) MATLOOB, M.
(21) 2021202074 (22) 02.04.2021
(54) Kantado music App

(71) Maxtrax Australia Pty Ltd
(21) 2021202155 (22) 08.04.2021
(54) Vehicle recovery ladder
(31) 2020901105 (32) 08.04.20 (33) AU

(71) Medline Industries, Inc.
(21) 2021202088 (22) 06.04.2021
(54) Method and system for harvesting biological tissue
(62) 2016250542

(71) Medtronic Advanced Energy LLC.
(21) 2021202090 (22) 06.04.2021
(54) Smoke evacuation electrosurgical instrument
(62) 2018304404

(71) Merus N.V.
(21) 2021202085 (22) 06.04.2021
(54) Binding molecules that modulate a biological activity expressed by a cell
(62) 2017332452

(71) Mettler Packaging Pty. Ltd.
(21) 2021201978 (22) 30.03.2021
(54) Bag, in particular plastics bag, for used coffee capsules, method for collecting and recycling used coffee capsules and use of such bags for collection and shipping of used coffee capsules
(31) 20169082.3 (32) 09.04.20 (33) EP

(71) Mezzion Pharma Co., Ltd; Children's Hospital of Philadelphia
(21) 2021202212 (22) 13.04.2021
(54) METHODS OF IMPROVING MYOCARDIAL PERFORMANCE IN FONTAN PATIENTS USING UDENAFIL COMPOSITIONS
(62) 2019203706

(71) Microbial Screening Technologies Pty Ltd
(21) 2021202114 (22) 06.04.2021

(54) PROBIOTIC COMPOSITIONS
(31) 2020901107 (32) 08.04.20 (33) AU

(71) Miles, S.
(21) 2021202062 (22) 01.04.2021
(54) VEHICLE MIRRORS
(31) 2020901710 (32) 26.05.20 (33) AU
2020902716 03.08.20 AU

(71) Milliken & Company
(21) 2021202103 (22) 06.04.2021
(54) WASHABLE MULTI-COMPONENT MAGNETIC FLOOR MAT
(62) 2019204754

(71) Mindbody, Inc.
(21) 2021202087 (22) 06.04.2021
(54) Client management system
(62) 2015335773

(71) Monsanto Technology LLC; Beeologics, Inc.
(21) 2021202071 (22) 02.04.2021
(54) Compositions and methods for controlling arthropod parasite and pest infestations
(62) 2016257871

(71) MTD PRODUCTS INC
(21) 2021202105 (22) 06.04.2021
(54) PARK BRAKE AND TRACTION DRIVE BYPASS INTERLOCK
(62) 2019205012

(71) Municipal Property Assessment Corporation
(21) 2021201945 (22) 29.03.2021
(54) Method and system for real estate valuation
(62) 2015309650

(71) MX Technologies Inc.
(21) 2021202025 (22) 31.03.2021
(54) Mobile device based identity verification
(62) 2019204323

(71) Natural Corporation Pty Ltd
(21) 2021201965 (22) 30.03.2021
(54) Sail
(31) 2020900977 (32) 30.03.20 (33) AU

(71) Negrete Hernandez, J.E.
(21) 2021202107 (22) 06.04.2021
(54) HARMONICS FILTERS USING SEMI NON-MAGNETIC BOBBINS
(62) 2017393086

(71) Netflix, Inc.
(21) 2021202161 (22) 08.04.2021

(54) Techniques for detecting media playback errors
(62) 2018292286

(71) Netflix, Inc.
(21) 2021202189 (22) 12.04.2021
(54) Identifying previously streamed portions of a media title to avoid repetitive playback
(62) 2018304058

(71) Nevro Corporation
(21) 2021202187 (22) 10.04.2021
(54) MULTI-FREQUENCY NEURAL TREATMENTS AND ASSOCIATED SYSTEMS AND METHODS
(62) 2019201361

NewSouth Innovations Pty Limited see Bergen Teknologioverføring AS
(21) 2021201969

(71) Northrop Grumman Systems Corporation
(21) 2021202125 (22) 07.04.2021
(54) Immersion cooling temperature control method, system, and apparatus
(62) 2019229950

(71) NORTJE, B.E.; VILJOEN, A.J.J.
(21) 2021201936 (22) 29.03.2021
(54) Custom nutritional supplement composition production system and method
(62) 2015289402

(71) NuVasive, Inc.
(21) 2021202154 (22) 08.04.2021
(54) SURGICAL ACCESS SYSTEM AND RELATED METHODS
(62) 2020202665

(71) Oceaneering International, Inc.
(21) 2021202208 (22) 12.04.2021
(54) RIDER-CONTROLLED TRACKLESS RIDE SYSTEM
(62) 2017241801

(71) Oceaneering International, Inc.
(21) 2021202209 (22) 12.04.2021
(54) RIDER-CONTROLLED TRACKLESS RIDE SYSTEM
(62) 2017241801

(71) Oceaneering International, Inc.
(21) 2021202210 (22) 12.04.2021
(54) RIDER-CONTROLLED TRACKLESS RIDE SYSTEM
(62) 2017241801

Oceanica Investments Pty Ltd see Watson, E.

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(21) 2021201946

(71) One World LED Pty Ltd
(21) 2021202164 (22) 08.04.2021
(54) MEDIA CONTROL METHOD AND SYSTEM
(62) 2017204785

(71) Oric Pharmaceuticals, Inc.
(21) 2021202016 (22) 31.03.2021
(54) Inhibitors of glucocorticoid receptor
(62) 2020213316

(71) Oric Pharmaceuticals, Inc.
(21) 2021202019 (22) 31.03.2021
(54) Inhibitors of glucocorticoid receptor
(62) 2016377702

(71) Orthosoft ULC
(21) 2021202188 (22) 12.04.2021
(54) DEVICES AND METHODS FOR POSTERIOR RESECTION IN ROBOTICALLY ASSISTED PARTIAL KNEE ARTHROPLASTIES
(31) 63/010,761 (32) 16.04.20 (33) US

(71) P.M. Frazer Consulting Limited
(21) 2021201997 (22) 31.03.2021
(54) Method and system for personal colour analysis
(31) 763146 (32) 31.03.20 (33) NZ

(71) P115930.AU
(21) 2021201943 (22) 29.03.2021
(54) STORAGE BIN WITH RETAINING FEATURE
(31) 63/010,753 (32) 16.04.20 (33) US
17/211,051 24.03.21 US

(71) Palmer Labs, LLC; 8 Rivers Capital, LLC
(21) 2021202130 (22) 07.04.2021
(54) System and method for high efficiency power generation using a carbon dioxide circulating working fluid
(62) 2019203986

(71) Patriot Research Center, LLC
(21) 2021202052 (22) 01.04.2021
(54) VALVE CAVITY ISOLATION SEAT
(31) 16/862,096 (32) 29.04.20 (33) US

(71) Phase Final, Inc.
(21) 2021201937 (22) 29.03.2021
(54) Lighting device with ambient light sensor
(62) 2015301595

(71) Powerace Pty Ltd
(21) 2021202055 (22) 01.04.2021
(54) RIPPER ASSEMBLY

(71) Prysmian S.p.A.
(21) 2021202053 (22) 01.04.2021
(54) Dry-type high voltage cable termination
(31) 10202000009172 (32) 28.04.20 (33) IT

PureCircle Sdn Bhd see The Coca-Cola Company
(21) 2021202135

(71) QMR (IP) Pty Ltd
(21) 2021201993 (22) 30.03.2021
(54) REACTIVE GROUND TESTING
(31) 2021900336 (32) 11.02.21 (33) AU

(71) Raven Industries, Inc.
(21) 2021202038 (22) 01.04.2021
(54) SAFETY SYSTEM FOR AUTONOMOUS OPERATION OF OFF-ROAD AND AGRICULTURAL VEHICLES USING MACHINE LEARNING FOR DETECTION AND IDENTIFICATION OF OBSTACLES
(62) 2018365091

(71) Reg Life Sciences, LLC
(21) 2021202194 (22) 12.04.2021
(54) Omega-hydroxylase-related fusion polypeptides with improved properties
(62) 2015277261

(71) Renaissance Technologies LLC
(21) 2021202013 (22) 31.03.2021
(54) System and method for executing synchronized trades in multiple exchanges
(62) 2015201566

(71) Rich Media Club, LLC
(21) 2021202010 (22) 31.03.2021
(54) System and method for the creation, distribution and tracking of advertising via electronic networks
(62) 2019204227

(71) Rovi Guides, Inc.
(21) 2021202157 (22) 08.04.2021
(54) Methods and systems for managing content subscription data
(62) 2016347023

(71) RYW HOLDINGS PTY LTD
(21) 2021201990 (22) 30.03.2021
(54) WASTE MANAGEMENT AND PROCESSING SYSTEM
(62) 2019284145

(71) SANGENIC INTERNATIONAL LIMITED
(21) 2021202203 (22) 12.04.2021
(54) WASTE STORAGE DEVICE
(62) 2016320558

(71) SEBEL PTY LTD
(21) 2021202097 (22) 06.04.2021
(54) Injection Moulded Unupholstered Plastic Chair
(62) 2019203991

(71) SEGAL, C.
(21) 2021202139 (22) 07.04.2021
(54) Weighted Voting System
(62) 2019203701

(71) SEMINIS VEGETABLE SEEDS, INC.
(21) 2021201951 (22) 29.03.2021
(54) SPINACH HYBRID SVVB5873 AND PARENTS THEREOF
(31) 16/836,621 (32) 31.03.20 (33) US

(71) SEMINIS VEGETABLE SEEDS, INC.
(21) 2021202006 (22) 31.03.2021
(54) SPINACH LINE MSA-S017-1111F
(31) 16/836,558 (32) 31.03.20 (33) US

(71) SHAABAN, A.F.; THANDRA, V.
(21) 2021202047 (22) 01.04.2021
(54) IMPROVED SYSTEM AND METHOD FOR TIMEKEEPING ENTRY AND WORK IN PROGRESS REPORTS
(62) 2015284122

(71) SHAABAN, A.F.; THANDRA, V.
(21) 2021202094 (22) 06.04.2021
(54) SYSTEM AND METHOD FOR TRACKING EXPENSES AND BILLING
(62) 2015284134

(71) Shell Internationale Research Maatschappij B.V.
(21) 2021202108 (22) 06.04.2021
(54) A process for preparing a paraffin product
(62) 2017236342

(71) Shenzhen Qianhai Nobel Laureates Technology Transfer Co., Ltd.
(21) 2021202066 (22) 01.04.2021
(54) USE OF IMINOSUGAR COMPOUND IN PREPARATION OF ANTI-SARS-COV-2 VIRUS DRUG
(31) 202010260813.X (32) 03.04.20 (33) CN

(71) Smart Wires Inc.
(21) 2021201938 (22) 29.03.2021
(54) Prognostics and diagnostics of injection units and communications
(31) 494/2020 (32) 28.07.20 (33) PK
16/949,604 05.11.20 US

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(71) Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited

(21) 2021202121 (22) 07.04.2021

(54) Total ankle replacement prosthesis

(62) 2019206053

Smith & Nephew Asia Pacific Pte. Limited
see Smith & Nephew, Inc.

(21) 2021202121

Smith & Nephew Orthopaedics AG see
Smith & Nephew, Inc.

(21) 2021202121

(71) Snap-on Incorporated

(21) 2021201994 (22) 30.03.2021

(54) System and method for measuring torque and angle

(62) 2019202499

(71) Snap-on Incorporated

(21) 2021202197 (22) 12.04.2021

(54) Quick change indexable ratchet head

(31) 16/860,410 (32) 28.04.20 (33) US

(71) Société des Produits Nestlé S.A.

(21) 2021201941 (22) 29.03.2021

(54) Ingredient for foodstuffs

(62) 2017240081

(71) SomaLogic, Inc.

(21) 2021202190 (22) 12.04.2021

(54) Proteomic Assay Using Quantum Sensors

(62) 2019230219

(71) Sony Corporation

(21) 2021201931 (22) 28.03.2021

(54) Image decoding device, image encoding device, and method thereof

(62) 2020203010

(71) SPORN, J.S.

(21) 2021202028 (22) 31.03.2021

(54) DOG HARNESS WITH BALL POUCH

(31) 17/166,468 (32) 03.02.21 (33) US

(71) Square, Inc.

(21) 2021202106 (22) 06.04.2021

(54) Fraud detection in portable payment readers

(62) 2017335584

(71) St Francis Pharmaceuticals Pty Ltd

(21) 2021202054 (22) 01.04.2021

(54) Method for Producing Sanitizing Product

(31) 2020900933 (32) 26.03.20 (33) AU

Sultana, P. see Gauci, M.

(21) 2021202044

(71) Swirl Technologies Pty Ltd

(21) 2021202183 (22) 09.04.2021

(54) Resuscitator

(62) 2016351724

(71) Syqe Medical Ltd.

(21) 2021202185 (22) 09.04.2021

(54) Drug Dose Cartridge for an Inhaler Device

(62) 2019229370

(71) Taylored Automotive Services PTY LTD

(21) 2021202160 (22) 08.04.2021

(54) Quick-Fit Mining Light Vehicle Trailer Safety Chain Retaining Hooks

(71) Tecnoored Desenvolvimento Tecnológico S.A.

(21) 2021202096 (22) 06.04.2021

(54) Metallurgical furnace for producing metal alloys

(62) 2015367250

(71) Telefonaktiebolaget LM Ericsson (publ)

(21) 2021201944 (22) 29.03.2021

(54) PT-RS configuration depending on scheduling parameters

(62) 2017354782

(71) Telfer Engineering Pty Ltd

(21) 2021201988 (22) 30.03.2021

(54) A batten clip for a double lock seam joint of a roll-form tank

(31) 2020900993 (32) 31.03.20 (33) AU

THANDRA, V. see SHAABAN, A.F.

(21) 2021202047

THANDRA, V. see SHAABAN, A.F.

(21) 2021202094

(71) The Boeing Company

(21) 2021202137 (22) 07.04.2021

(54) Interlayer and associated reinforcement structure, composite, and method

(31) 16/843,423 (32) 08.04.20 (33) US

(71) THE CHINESE UNIVERSITY OF HONG KONG

(21) 2021202041 (22) 01.04.2021

(54) ANALYZING TUMOR DNA IN A CELL-FREE SAMPLE

(62) 2019283981

(71) The Climate Corporation

(21) 2021202077 (22) 06.04.2021

(54) SYSTEMS, METHODS, AND DEVICES FOR MONITORING WEATHER AND FIELD CONDITIONS

(62) 2016255777

(71) The Coca-Cola Company; PureCircle Sdn Bhd

(21) 2021202135 (22) 07.04.2021

(54) Methods for purifying steviol glycosides and uses of the same

(62) 2019235682

(71) The John Hopkins University

(21) 2021202086 (22) 06.04.2021

(54) Checkpoint blockade and microsatellite instability

(62) 2019201671

(71) The Leisure Collective International Pty Ltd

(21) 2021202073 (22) 02.04.2021

(54) ACCESSORY FOR WATER BOARD FOR SPORT OR RECREATION

(31) 2020901028 (32) 02.04.20 (33) AU
2020904504 04.12.20 AU

(71) The Regents of the University of Michigan

(21) 2021202113 (22) 06.04.2021

(54) N-(phenylsulfonyl)benzamides and related compounds as Bcl-2 Inhibitors

(62) 2017305508

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services

(21) 2021202158 (22) 08.04.2021

(54) Chimeric antigen receptors targeting B-cell maturation antigen

(62) 2019203042

(71) Toughbuilt Industries, Inc.

(21) 2021202204 (22) 12.04.2021

(54) Spill-resistant pouch

(31) 16/846,608 (32) 13.04.20 (33) US

Tran, A. see Trans Air-Conditioning

(21) 2021202027

(71) Trans Air-Conditioning; Tran, A.

(21) 2021202027 (22) 31.03.2021

(54) AIR EXTRACTION AND STERILISATION SYSTEM FOR TREATMENT OF INDOOR AIRBORNE VIRUSES

(71) Trayon Campers Pty Ltd

(21) 2021201947 (22) 29.03.2021

(54) Camper and wall structure therefor

(31) 2020900968 (32) 30.03.20 (33) AU

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(71) Trustee for the Estuary Unit Trust
(21) 2021201996 (22) 30.03.2021
(54) A DISINFECTING DEVICE
(31) 2020900997 (32) 31.03.20 (33) AU

(71) TuSimple, Inc.
(21) 2021202120 (22) 07.04.2021
(54) Camera pose estimation techniques
(31) 63/007,895 (32) 09.04.20 (33) US

(71) United Biomedical, Inc.
(21) 2021201950 (22) 29.03.2021
(54) Immunogenic LHRH composition and use thereof in pigs
(62) 2014401765

(71) UNIVERSITE DE MONTPELLIER;
CENTRE NATIONAL DE LA RECHER-
CHE SCIENTIFIQUE; INSTITUT
CURIE; ABIVAX
(21) 2021201960 (22) 30.03.2021
(54) QUINOLINE DERIVATIVES FOR THE
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DISEASES
(62) 2020200333

(71) Vaccinex, Inc.
(21) 2021202095 (22) 06.04.2021
(54) Use of semaphorin-4D binding mo-
lecules for treating neurodegenerative
disorders
(62) 2019257379

VILJOEN, A.J.J. see NORTJE, B.E.
(21) 2021201936

(71) Visby Medical, Inc.
(21) 2021202030 (22) 01.04.2021
(54) PORTABLE MOLECULAR DIAGNOST-
IC DEVICE AND METHODS FOR THE
DETECTION OF TARGET VIRUSES
(62) 2018364741

(71) VIZ.AI, INC.
(21) 2021202168 (22) 09.04.2021
(54) A Method and System for Com-
puter-Aided Triage
(62) 2018288766

(71) Vocalink Limited
(21) 2021202043 (22) 01.04.2021
(54) Peer-to-peer prepaid card management
system
(31) 16/854,110 (32) 21.04.20 (33) US

(71) Waco Pacific Limited
(21) 2021202082 (22) 06.04.2021
(54) Cooking Appliance
(31) 2020901078 (32) 06.04.20 (33) AU
2020901576 15.05.20 AU
63/022,575 10.05.20 US
17/161,897 29.01.21 US

(71) Watson, E.; Oceanica Investments Pty
Ltd
(21) 2021201946 (22) 29.03.2021
(54) An intelligent ultra-long-stroke winding
pumping unit
(31) 2020902406 (32) 13.07.20 (33) AU

(71) Werner Co.
(21) 2021202034 (22) 01.04.2021
(54) Multipurpose Ladder and Method
(62) 2019203616

(71) Westinghouse Air Brake Technologies
Corporation
(21) 2021202180 (22) 09.04.2021
(54) VEHICLE CONTROL SYSTEM
(31) 63/009,194 (32) 13.04.20 (33) US
17/223,884 06.04.21 US

(71) Wing Aviation LLC
(21) 2021202007 (22) 31.03.2021
(54) Anticipatory dispatch of UAVs to pre-
staging locations
(62) 2018390417

(71) Wisk Aero LLC
(21) 2021202178 (22) 09.04.2021
(54) Multicopter with angled rotors
(62) 2017346502

(71) Woolven, B.L.
(21) 2021202202 (22) 12.04.2021
(54) METHOD FOR PREVENTION OR
TREATMENT OF OBESITY, REDU-
CING BODY WEIGHT AND/OR FOOD
INTAKE, OR INDUCING SATIETY IN A
SUBJECT
(31) 2020901183 (32) 14.04.20 (33) AU

(71) World Mission Corporation
(21) 2021202104 (22) 06.04.2021
(54) Vibration generator and apparatus for
engraving an image
(31) 2020-098923 (32) 08.05.20 (33) JP

(71) Xencor, Inc.
(21) 2021202061 (22) 01.04.2021
(54) Heterodimeric antibodies that bind CD3
and tumor antigens
(62) 2019201923

(71) Xiamen Aquasu Electric Shower Co.,
Ltd.
(21) 2021202214 (22) 13.04.2021
(54) Water output device
(31) 20170213.1 (32) 17.04.20 (33) EP

(71) Yang, W.
(21) 2021201982 (22) 30.03.2021

(54) PET CAGE
(31) 202120309014.7 (32) 03.02.21 (33) CN

(71) Yoshino Gypsum Co., Ltd.
(21) 2021202091 (22) 06.04.2021
(54) Interior building materials
(62) 2018235525

(71) Zebra Technologies Corporation
(21) 2021202011 (22) 31.03.2021
(54) Method, apparatus, and computer pro-
gram product improving real time loca-
tion systems with multiple location tech-
nologies
(62) 2020204367

(71) Zebra Technologies Corporation
(21) 2021202205 (22) 12.04.2021
(54) Using barcodes to determine item di-
mensions
(31) 16/888,387 (32) 29.05.20 (33) US

(71) ZeniMax Media Inc.
(21) 2021202099 (22) 06.04.2021
(54) Systems and methods for en-
coder-guided adaptive-quality rendering
(62) 2018254591

(71) ZETA GROUP (NZ) LIMITED
(21) 2021201952 (22) 29.03.2021
(54) A BIODEGRADABLE, COMPOSTABLE
DIAPER AND METHOD OF MANU-
FACTURE THEREOF
(31) 762953 (32) 31.03.20 (33) NZ

(71) Zimmer, Inc.
(21) 2021202048 (22) 01.04.2021
(54) SOFT TISSUE BALANCING IN ARTIC-
ULAR SURGERY
(62) 2019204049

(71) ZPE Licensing Inc.
(21) 2021202191 (22) 12.04.2021
(54) Super charger components
(31) 17/165,673 (32) 02.02.21 (33) US
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2021201963	Johnson & Johnson Consumer Inc.	2021202032	Bayer Intellectual Property GmbH
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2021201965	Natural Corporation Pty Ltd	2021202034	Werner Co.
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(71) Bhosale, S.V.; Bhosale, P.S.; Sunil V., A.; Patkure, L.B.; Mali, S.Y.; Ingale, U.U.; Bhosale, S.V.
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(71) doewes, R.; Ahmed, A.A.A.; Bhagat, A.; Nair, R.; Donepudi, P.K.; GOON, S.; Jain, V.; Gupta, S.; Rathore, N.K.; Jain, N.K.
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(54) A regression analysis based system for sentiment analysis and a method thereof

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(21) 2021101766

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(21) 2021101792

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(21) 2021101709

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(21) 2021101880 (22) 13.04.2021
(54) Telescopic mechanism of European plug of power converter with grounding pin
(31) 202010285974.4 (32) 13.04.20 (33) CN
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(21) 2021101751 (22) 06.04.2021

(54) Bilayer graphene Domain, Preparation Method Thereof and Application Technical Field Thereof

(71) Dongguan University of Technology
(21) 2021101856 (22) 12.04.2021
(54) Method for Dynamic Phase Measurement in Terahertz Waveband Based On Deep Learning

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(21) 2021101781

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(71) East China Jiaotong University
(21) 2021101783 (22) 07.04.2021
(54) METHOD OF PREPARING SUPER-HYDROPHOBIC SURFACE ON MAGNESIUM ALLOY SUBSTRATE

(71) Elmich Pte Ltd
(21) 2021101806 (22) 08.04.2021
(54) Extender for pedestal

(71) Equanimity Consultancy
(21) 2021101729 (22) 05.04.2021
(54) Equanimity Gauge

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(54) METHOD AND SYSTEM FOR REDUCING FLAMES IN AN ENVIRONMENT

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(54) Improved Laminated Glass

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(21) 2021101711

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(71) Gondkar, R.; Kunjir, M.; Lunkad, D.;
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(21) 2021101712 (22) 03.04.2021
(54) A BLOCKCHAIN BASED DYNAMIC
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(31) 202121005961 (32) 12.02.21 (33) IN

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(71) Guang 'an People's Hospital
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(54) Anti-smog heating mask
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(71) Hao, Z.
(21) 2021101755 (22) 06.04.2021
(54) COST-EFFECTIVE AGRI-ENVIRON-
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(21) 2021101756 (22) 06.04.2021
(54) A Multi-method Joint Evaluation Soft-
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(21) 2021101757 (22) 06.04.2021
(54) A Combination Model and Assembly
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(71) Harbin Institute of Technology
(21) 2021101882 (22) 13.04.2021
(54) EXTREMELY RANDOMIZED TREE
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(71) Harbin University of Commerce
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(54) COPPER ION TESTING METHOD
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(54) Human detection and movement ana-
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(21) 2021101791

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(21) 2021101819

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(71) Hefei University of Technology; Anhui
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(21) 2021101739 (22) 06.04.2021
(54) Dedicated Light Source and Lamp for
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(71) Heilongjiang Bayi Agricultural University
(21) 2021101858 (22) 12.04.2021
(54) Instant puffed cereal with digestion pro-
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(71) Henan University
(21) 2021101853 (22) 12.04.2021
(54) AZO/ titanium dioxide/tin diox-
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(71) H P, N.; M V, P.; M, R.
(21) 2021101717 (22) 03.04.2021
(54) VERSATILE SPLIT TOOL USED FOR
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(71) H P, N.; M V, P.; M, R.
(21) 2021101721 (22) 04.04.2021
(54) SINGLE FUEL FILTER MEDIA TO
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(71) Huaqiao University
(21) 2021101754 (22) 06.04.2021

(54) METHOD FOR COATING AN ORGANIC SHELL LAYER ON ABRASIVE SURFACE WITH SILANE COUPLING AGENTS

(71) HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
(21) 2021101692 (22) 01.04.2021

(54) HIERARCHICAL WATER DISTRIBUTION METHOD AND SYSTEM BASED ON SPATIAL AND TEMPORAL WATER BALANCE OF ECOLOGICAL GATE

(31) 202011247403.8 (32) 10.11.20 (33) CN

(71) HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
(21) 2021101693 (22) 01.04.2021

(54) METHOD FOR DETERMINING WATER USE EFFICIENCY OF VEGETATION LAYER AND EVAPOTRANSPIRATION WATER-GROSS PRIMARY PRODUCTION-WATER USE EFFICIENCY MEASURING DEVICE

(31) 202011305367.6 (32) 19.11.20 (33) CN

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(21) 2021101837 (22) 09.04.2021
(54) A Serine Feed Additive Capable Of Improving The Survival Rate And Growth Speed Of Piglets, And An Application Thereof

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(21) 2021101703

(71) I.REXILINE SHEEBA; T.JAYANTHY; L.MAGTHELIN THERASE; S.BARANI; S.POORNAPUSHPAKALA; M.SUBRAMONIAM; M. R. EBENEZAR JEBARANI; M.SUGADEV; G.JEGAN; F.V.JAYASUDHA; P.CHITRA; E.ANNA DEVI

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(54) METHOD FOR FABRICATING FRACTAL ANTENNA FOR BIO MEDICAL APPLICATION

(71) Illinois Tool Works Inc.
(21) 2021101732 (22) 05.04.2021
(54) A screw fastener
(62) 2017219062

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(21) 2021101744

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(71) Institute of Acoustics, Chinese Academy of Sciences
(21) 2021101774 (22) 07.04.2021

(54) PRIMARY NODE OF SEAFLOOR OBSERVATORY NETWORK BASED ON CONSTANT CURRENT POWER SUPPLY
(62) PCT/CN2019/124262

(71) Institute of Animal Science, Guangdong Academy of Agricultural Sciences
(21) 2021101885 (22) 13.04.2021

(54) FEED ADDITIVE FOR IMPROVING MEAT QUALITY OF FATTENING PIGS
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(71) Institute of Plant Protection Guangxi Academy of Agricultural Sciences; Sericulture Technology Promotion Station of Guangxi Zhuang
(21) 2021101668 (22) 31.03.2021

(54) Sustainable Integrated Prevention and Control Methods of Main Diseases and Insect Pests in Mulberry Field

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(54) Enhanced AI-Based Snake Detection and Control Device

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(71) Jiangsu Vocational Institute Of Architectural Technology; Nanjing Tiaoyao Intelligent Equipment Co., Ltd.
(21) 2021101697 (22) 01.04.2021
(54) A Solid Waste Lifting Device

(71) JIANGSU XUHUAI AREA HUAIYIN AGRICULTURAL SCIENCE RESEARCH INSTITUTE
(21) 2021101753 (22) 06.04.2021
(54) WATER SOLUBLE FERTILIZER (WSF) FOR IMPROVING COLD RESISTANCE OF RICE AND WHEAT

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(21) 2021101807

(71) Jiaying University; University of Hawaii at Manoa
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(54) Historical building identification and detection method based on deep learning and high-resolution images

(71) Jilin University
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(54) A Deep Neural Network Based Inverse Modeling Method for Multicomponent Reactive Transport

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(21) 2021101772 (22) 07.04.2021
(54) MEDIUM COMBINATION FOR TISSUE CULTIVATION OF VIRUS-FREE SEED ROOT TUBERS (MICRO-ROOT TUBERS) OF VIRUS-FREE RADIX PSEUDOSTELLARIAE

(71) Jingtangshan University
(21) 2021101773 (22) 07.04.2021
(54) MEDIUM COMBINATION FOR RAPID IN VITRO CULTIVATION OF ACTINIDIA CHINENSIS SEEDLINGS

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(71) Khattri, V.; Nayak, S.K.; Singh, D.K.
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(54) SYSTEM & METHOD FOR SECURE PLASTIC CARD BASED FINANCIAL TRANSACTION USING MULTIPLE AUTHENTICATIONS

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(71) Kilinc, M.
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(54) An Automatic Feeding Apparatus
(31) 2020901145 (32) 09.04.20 (33) AU

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(71) Kumar, V.; Kalra, G.S.; Dhami, J.K.; Pathak, D.; Gautam, S.P.; Singh, S.; Dhiman, N.K.; Rana, P.; Sidhu, J.S.; Saruchi
(21) 2021101847 (22) 10.04.2021
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(71) Kuri, M.; Goar, V.K.; Sharma, A. (21) 2021101711 (22) 02.04.2021 (54) CLOUD INTELLIGENCE-BASED ENERGY AWARE RESOURCE MANAGEMENT SYSTEM FOR DECENTRALIZED NETWORKS	M, R. see Naikodi, C. (21) 2021101758	Maurya, N. see Dipen Derashri, P. (21) 2021101844
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(54) SLIDING PARTICLES SOLAR RECEIVER

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(71) Mulmule, P.
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(54) An Efficient automation-assisted cervical cancer classification technique based on Transfer Learning

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(54) Dedicated functional area for leg operated computer interactive device for handless people

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(21) 2021101848

Nanda, I. see Acharya, B.
(21) 2021101890

(71) Nanjing Agricultural University; Suzhou Yirun Food Technology Co., Ltd.
(21) 2021101811 (22) 08.04.2021

(54) DEVICE FOR PREPARATION OF HIGH-THROUGHPUT PLASMA-ACTIVATED LIQUID
(31) 202011633384.2 (32) 31.12.20 (33) CN

(71) Nanjing Agricultural University; Suzhou Yirun Food Technology Co., Ltd.
(21) 2021101813 (22) 08.04.2021
(54) METHOD FOR COLD STERILIZATION OF DRIED FRUITS THROUGH NON-THERMAL PLASMA GENERATED BY HIGH-VOLTAGE ELECTRIC FIELD
(31) 202011633378.7 (32) 31.12.20 (33) CN

(71) Nanjing Hydraulic Research Institute
(21) 2021101785 (22) 07.04.2021
(54) METHOD FOR SELECTING SANDY BEACH SITE ON MUDDY COAST
(31) 202010273525.8 (32) 09.04.20 (33) CN

(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
(21) 2021101740 (22) 06.04.2021
(54) Trapping Device for an Egg Mass of a Golden Apple Snail
(31) 202010266986.2 (32) 07.04.20 (33) CN

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(21) 2021101697

(71) Nanjing University of Information Science and Technology
(21) 2021101613 (22) 29.03.2021
(54) MULTI-MODAL FEATURE FUSION-BASED FINGERPRINT LIVENESS DETECTION METHOD

(71) Nankai University
(21) 2021101868 (22) 12.04.2021
(54) Near-Infrared Fluorescent Probe, Method or Preparing the Same and Application thereof

Narayanan, S. see Harikiran, J.
(21) 2021101833

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(21) 2021101846

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(21) 2021101819

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(21) 2021101890

Nayak, S.K. see Khattri, V.
(21) 2021101728

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(71) Nijhawan, P.; Kumar, R.; Saxena, S.
(21) 2021101707 (22) 02.04.2021
(54) SYSTEM AND METHOD FOR MITIGATING POWER QUALITY ISSUE OF ELECTRIC ARC FURNACE

(71) Nijhawan, P.; Kumar, R.; Saxena, S.
(21) 2021101708 (22) 02.04.2021
(54) SYSTEM AND METHOD FOR MITIGATING POWER QUALITY ISSUE OF ELECTRIC ARC FURNACE

(71) Nijhawan, P.; Singla, M.; Gupta, J.; Singh, P.
(21) 2021101803 (22) 08.04.2021
(54) HYBRID CHAOTIC PARTICLE SWARM OPTIMIZATION SLIME MOULD ALGORITHM FIELD OF THE INVENTION

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(21) 2021101796

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(21) 2021101734

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(21) 2021101767

(71) North China University of Water Resources and Electric Power
(21) 2021101817 (22) 08.04.2021
(54) DEVICE, SYSTEM AND METHOD FOR DETECTING DISTRIBUTION OF RIVERBED SEDIMENTS BASED ON GROUND PENETRATING RADAR
(31) 202010335961.3 (32) 25.04.20 (33) CN

(71) Northeast Agricultural University
(21) 2021101859 (22) 12.04.2021
(54) Solar Greenhouse with a Duality of Excellent Thermal Insulation and Energy Conservation

Osborne, J. see South Western American University
(21) 2021101562

(71) Overdose Group Pty Ltd
(21) 2021101777 (22) 07.04.2021
(54) Automatic Supplement Dispenser

(71) P, S.; Joseph, N.; Mohan, D.; Virmani, D.; M. K., J.K.; Panda, B.S.; Karuppanan, S.; M, M.; T., S.; M.Ch, N.
(21) 2021101725 (22) 05.04.2021
(54) The Computer Aided Diagnosis (CAD) System for the Detection of Alzheimer Disease Using MRI Real Images

P.CHITRA see I.REXILINE SHEEBA
(21) 2021101727

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(21) 2021101848

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(21) 2021101725

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(21) 2021101767

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(21) 2021101706

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(21) 2021101769

(71) Pathak, N.; Sharma, N.; Gupta, M.K.; Jindal, G.; Jain, N.; Arora, R.K.; Chadha, H.; Tewari, N.; Joshi, M.; Budhani, S.K.
(21) 2021101839 (22) 09.04.2021
(54) Our Invention is related to a IoT based health monitoring system over 4G network

Pathak, D. see Kumar, V.
(21) 2021101847

(71) Patil, A.
(21) 2021101768 (22) 07.04.2021
(54) A System and a Process for Formation of a Renewable Natural Coal from Waste Output of a Cattle/Agricultural based Biogas Plant

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(21) 2021101702

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(21) 2021101819

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(21) 2021101735

(71) P J & J R PHILLIPS PTY LTD
(21) 2021101784 (22) 07.04.2021
(54) A WHEEL PROTECTOR

Poddar, S. see Nalinipriya, G.

(21) 2021101730

(71) Prabhu, M.; Abdullah, N.N.; Ahmed, R.R.
(21) 2021101731 (22) 05.04.2021
(54) SYSTEM AND METHOD FOR DATA-DRIVEN DETERMINATION AND RECOMMENDATION OF COMPETITIVE PRIORITIES OF AN ORGANIZATION

(71) Prasad, K.S.; Aggarwal, K.; Achanta, S.D.M.; Suresh, G.; Lalitha, N.; Meenakshi, M.; Lendale, P.K.; Swathi, A.; Murthy, M.; S, B.; Kumar, P.; Laavanya, M.
(21) 2021101814 (22) 08.04.2021
(54) A NOVEL IMAGE DENOISING METHOD WITH HYBRID DUAL TREE COMPLEX WAVELET TRANSFORM

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(21) 2021101788

(71) PURI, S.; PALLATHADKA, H.; ROUTRAY, A.R.; MAKAR, S.
(21) 2021101804 (22) 08.04.2021
(54) A SYSTEM FOR TRANSLATING SIGN LANGUAGE INTO SPEECH AND VICE- VERSA

(71) QILU UNIVERSITY OF TECHNOLOGY; SHANDONG TAILAI ALUMINUM FOUNDRY CO., LTD.
(21) 2021101748 (22) 06.04.2021
(54) LOW PRESSURE CASTING DIE AND CASTING METHOD FOR ULTRA LONG BEAM OF ALUMINUM ALLOY

(71) Qingdao Agricultural University
(21) 2021101842 (22) 09.04.2021
(54) Multifunctional petri dish revolving table

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021101759 (22) 06.04.2021
(54) HYBRID DISEASE AND PEST IDENTIFYING DEVICE AND METHOD BASED ON DEEP LEARNING
(31) 202110304762.0 (32) 23.03.21 (33) CN

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021101760 (22) 06.04.2021
(54) SYSTEM FOR RESERVING SCIENCE-TECHNOLOGY EXPERT
(31) 202010805243.8 (32) 12.08.20 (33) CN

(71) QINGDAO AGRICULTURAL UNIVERSITY
(21) 2021101840 (22) 09.04.2021
(54) DEVICE AND METHOD FOR REMOVING PRICKLES AND IMPUR-

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(21) 2021101782

(71) Qingdao Kelaima IoT Technology Co.,
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logy Co., Ltd.
(21) 2021101782 (22) 07.04.2021
(54) Wireless intelligent track spike support-
ing bidirectional real-time communica-
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(21) 2021101739

(71) Qingdao University of Science and
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(21) 2021101746 (22) 06.04.2021
(54) Battery thermal insulation cabin of
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(71) Qingdao University of Science Techno-
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(21) 2021101750 (22) 06.04.2021
(54) Seed Crystal Preparation Method Ap-
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(21) 2021101705

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(21) 2021101791

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(21) 2021101744

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(21) 2021101841

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(21) 2021101733

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(21) 2021101792

(71) Raveendra, K.
(21) 2021101719 (22) 04.04.2021
(54) LOGO-BASED DOCUMENT IMAGE
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(21) 2021101744

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(21) 2021101790

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(21) 2021101833

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(21) 2021101865

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(21) 2021101706

(71) Rossborough, R.
(21) 2021101605 (22) 29.03.2021
(54) CSU HK V3 Compact Sterilisation Unit

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(21) 2021101804

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(21) 2021101705

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(21) 2021101727

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(21) 2021101791

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(21) 2021101844

(71) Salis, V.E.; Sarao, P.; Sharma, M.P.;
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H.O.; Kumar, N.U.; Singh, S.; Kumar,
I.S.; Khedkar, A.E.
(21) 2021101820 (22) 09.04.2021
(54) BSE Sensex and Stock Prices Analys-
is and Predictor Using IOT- based and
Machine Learning Technology.

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(21) 2021101730

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(21) 2021101737

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(21) 2021101703

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(21) 2021101820

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(21) 2021101844

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(21) 2021101707

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(21) 2021101708

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(21) 2021101668

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(21) 2021101890

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(21) 2021101748

(71) Shandong University of Science and Technology
(21) 2021101779 (22) 07.04.2021
(54) Equipment for Generating Fatigue Assessment Scales

(71) Shanghai Maritime University
(21) 2021101855 (22) 12.04.2021
(54) System and Method for Biogeographic Distribution Query and Display

(71) Shangluo University
(21) 2021101838 (22) 09.04.2021
(54) A HIGH-PERFORMANCE OXYGEN REDUCTION CATALYST
(31) 202110241420.9 (32) 04.03.21 (33) CN

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(21) 2021101873

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(21) 2021101820

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(21) 2021101703

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(21) 2021101730

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(21) 2021101878

(71) Shenzhen Xinhongjia Electronics Co., Ltd.
(21) 2021101812 (22) 08.04.2021
(54) Novel mechanical mortise lock body

Sheoran, K. see Agarwal, P.
(21) 2021101766

(71) Shihezi University
(21) 2021101696 (22) 01.04.2021
(54) Novel Immunochromatographic Test Strips for Detecting Human Brucellosis Antibody and Preparation Method Thereof

Shinde, C. see Mehta, M.
(21) 2021101769

(71) Shrivastava, A.; Singh, A.K.; Jaiswal, S.; Jain, J.K.; Sharma, A.K.; Bolukonda,

D.; Reddy, K.C.; Chaurasia, P.K.; Ilyas, M.; Raghuvanshi, R.; Verma, A.
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(54) THE WASTE SEGREGATION METHOD USING MACHINE LEARNING TECHNIQUE

(71) Shrivastava, A.; Kumar Kumawat, M.; Mukati, N.; Namdev, N.; Dwivedi, R.; Madhu, V.; Kumar Jain, S.; Banik, A.; C. Patil, P.; P. Sabale, R.

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(54) IOT ENABLED SOLAR POWER MONITORING SYSTEM

Shukla, N. see Mehrotra, T.
(21) 2021101733

(71) Shukla, A.; Singh, S.; Patrik, A.; Nath, R.K.; Ahmad, T.; Hans, K.; Hashmi, A.; Gupta, M.; Chauhan, S.; Sinha, M.
(21) 2021101819 (22) 08.04.2021
(54) Items Selecting Recommender System Using AI- Based and Deep Learning Programming.

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(21) 2021101743

(71) Sichuan Agricultural University
(21) 2021101822 (22) 09.04.2021
(54) Novel adjustable device of ditcher

(71) Sichuan Agricultural University
(21) 2021101823 (22) 09.04.2021
(54) Electric screw leveling device

(71) Sichuan Animal Science Academy
(21) 2021101794 (22) 08.04.2021
(54) LIVESTOCK ESTRUS MONITORING DEVICE

Sichuan Chengzhuan Technology Co., Ltd see Sichuan University of Science and Engineering
(21) 2021101830

(71) Sichuan University of Science and Engineering; Sichuan Chengzhuan Technology Co., Ltd
(21) 2021101830 (22) 09.04.2021
(54) Real-Time Runway Detection for Infrared Aerial Image Using Synthetic Vision and an ROI Based Level Set Method

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(21) 2021101847

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(71) Singh, Y.P.; Agrawal, A.; Ambikapathy, A.; Rai, A.; Dr, L.; Agarwalla, P.; Tri- pathi, S.K.; Sharma, A.K.; Koul, S.; Sangwan, S. (21) 2021101841 (22) 09.04.2021 (54) Method for Physical Intelligent VLSI- chip Design and develop Technology	Sreekanth, T. see NAGARAJU, P. (21) 2021101790	Swathi, A. see Prasad, K.S. (21) 2021101814
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(21) 2021101846

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(21) 2021101727

(71) Taiyuan University of Technology;
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(21) 2021101873 (22) 12.04.2021

(54) Nano-clay Modified Loess Liner Suitable for Municipal Solid Waste Landfills

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(21) 2021101706

(71) Tangshan University

(21) 2021101854 (22) 12.04.2021

(54) PROTECTIVE STRUCTURE OF ROBOT CONTROL DEVICE

(31) 202010742091.1 (32) 23.07.20 (33) CN

(71) Teamlink Platform Pty Ltd

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(54) The reference model for generating probable data of a property purchaser to calculate the sales opportunities

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(21) 2021101839

(71) The First Affiliated Hospital of Guangxi Medical University

(21) 2021101824 (22) 09.04.2021

(54) Zhuang Medicine Compound Moxa Stick for Treating Ankylosing Spondylitis and Preparation Method Thereof

(71) Thejo Engineering Limited

(21) 2021101877 (22) 12.04.2021

(54) A MULTI-PLANE DYNAMIC RETURN BELT TRACKER

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(71) The Third Institute of Geology and Minerals Exploration, Gansu Provincial Bureau of Geology and Minerals Exploration and Development

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(54) EVALUATION METHOD OF SOIL BIOLOGICAL ACTIVITY AND PRODUCTIVITY BASED ON DETERMINATION OF SOIL ENZYME ACTIVITY

(71) Thomas, S.J.; Gopal, V.; Kumar, M.; Gobivel, K.; Kannan, S.R.; K V, A.; Kumar, T.C.A.; Arshad, H.; B R, V.; Kote, H.; Batiyah, S.M.; Ajmal, M.

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(54) AN INVESTIGATION OF ABRASIVE WATER JET MACHINING ON GLASS FIBER REINFORCED POLYMERS

(71) Thread Wallets LLC

(21) 2021101798 (22) 08.04.2021

(54) PERSONAL ATTACHMENT ACCESSORY

(71) Tianjin Chengjian University

(21) 2021101836 (22) 09.04.2021

(54) An arterial street intersection signal coordination control optimization method based on NEMA phase

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(71) Tirth, V.; Baddruddin Magami, I.A.; Khan Tatagar, M.Y.; Algahtani, A.; Kamangar, S.; C Veetil, A.S.

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(54) Automatic Management of Waste Produced During Installation and Commissioning of Flue Gas Desulphurization Systems in Thermal Power Station

(71) Tongji Architectural Design (Group) Co., Ltd.

(21) 2021101862 (22) 12.04.2021

(54) DISTRIBUTION BOX PLACED INSIDE SMART LIGHT POLE AND SMART LIGHT POLE

(31) 202020837075.6 (32) 19.05.20 (33) CN

(71) TOSKAS, C.

(21) 2021101795 (22) 08.04.2021

(54) A METHOD AND APPARATUS FOR PLAYING OF THE GAME RED OR BLACK

(62) 2017204746

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(71) University of Science & Technology Beijing

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(71) Upreti, K.; Vargis, B.K.; Syed, M.H.; Kumar, N.; Singh, S.R.; Panwar, P.; Dixit, N.K.; Tajuddin, M.; Nadeem, D.; Roulania, D.; Agarwal, D.K.

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(54) BLOCKCHAIN TECHNIQUE FOR COVID-19 VACCINE SUPPLY MANAGEMENT

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(71) V, V.; T, S.; R, S.; B, R.K.; B, B.; S, R.K.; N, G.

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(54) IoT and Machine Learning-based Headlight Intensity Changing device for Electrical Vehicles

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(71) Vishwakarma Institute of Information Technology
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(71) WANG, S.
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(71) Wenzhou Medical University
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(54) New Application of Adenosine A2A Receptor Antagonist Drug

(71) Whyte, L.
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(54) INDICATING SYSTEM
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(71) Xi'an Technological University
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(71) Xuzhou University of Technology; Xuzhou Zhengchang Feed Co., Ltd
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(54) Preparation Device for Compounding Fermented Feed Through Allium sativum and Ginkgo biloba By-products

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(21) 2021101700 (22) 01.04.2021
(54) A Data Processing Method Based On Artificial Intelligence And Its System

(71) Xuzhou University of Technology
(21) 2021101738 (22) 06.04.2021
(54) A kind of sealwort hawthorn fruit wine and preparation method thereof

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(54) Cordyceps militaris Extract and Its Preparation and Application

(71) Xuzhou University of Technology; Jiangsu Zongshen Car Industry Co., Ltd
(21) 2021101807 (22) 08.04.2021
(54) A Push Device In A Solid Waste Sample Analyzer

(71) Xuzhou University of Technology
(21) 2021101860 (22) 12.04.2021
(54) Marinated egg with juice in cup and processing method

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(54) A kind of black bean peptide mulberry and burdock wine and its preparation method

(71) Xuzhou University Of Technology
(21) 2021101861 (22) 12.04.2021
(54) Method for culturing Chlorella vulgaris simply by recycling restaurant wastewater

(71) XUZHOU UNIVERSITY OF TECHNOLOGY
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(21) 2021101766

(71) Yantai Aidi Precision Machinery Co., Ltd.
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(54) HYDRAULIC ROTARY QUICK COUPLING DEVICE FOR OIL CIRCUIT AND CONTROL METHOD THEREOF
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(54) SCENTED OINTMENT AND PREPARATION METHOD THEREFOR

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(71) Zhejiang Nhu Co., Ltd; Zhejiang University; Ningbo University of Technology

(21) 2021101796 (22) 08.04.2021

(54) Method for preparing octenyl succinic anhydride modified starch and uses thereof

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(71) ZHEJIANG NORMAL UNIVERSITY

(21) 2021101799 (22) 08.04.2021

(54) EUTECTIC COMPOUND WITH SOLID FLUORESCENCE PROPERTY AND PREPARATION METHOD AND APPLICATION THEREOF

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(21) 2021101796

(71) ZHENGZHOU ZONEYET TECHNOLOGY CO., LTD.

(21) 2021101815 (22) 08.04.2021

(54) HUMAN-COMPUTER INTERACTION METHOD AND SYSTEM BASED ON DYNAMIC GESTURE RECOGNITION

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(71) ZHONGKE INFORMATION SECURITY COMMON TECHNOLOGY NATIONAL ENGINEERING RESEARCH CENTER CO., LTD.

(21) 2021101787 (22) 07.04.2021

(54) LINUX HOST-BASED INTRUSION DETECTION METHOD AND APPARATUS

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2021101807	Xuzhou University of Technology; Jiangsu Zongshen Car Industry Co., Ltd	2021101853	Henan University
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2021101864	Affiliated Hospital of YouJiang Medical University for Nationalities	2021101880	Dongguan Best Travel Electronics Co.,Ltd.
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Applications with amended filing dates Reg 3.5(A).

2021100908 **AUSICO PTY LTD** The filing date has been amended to 16.04.2021
 2021200023 **Kennedy, J.A.** The filing date has been amended to 01.02.2021

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

2001

2001035110 (14)	2001035113 (14)	2001035136 (14)
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 2021200203 (7AN) 2021200232 (1B) 2021201897 (12AN)
 2021202020 (12AN) 2021202063 (4AN) 2021202067 (12AN)

Assignments before Grant, Section 113

2014

2014411529 Metso Minerals Industries, Inc. The application has been assigned to **Metso Outotec USA Inc.**

2017

2017232627 Iantech, Inc. The application has been assigned to **Carl Zeiss Meditec Cataract Technology Inc.**

2017259827 Abrams, Gary; Cui, Shengjie; Pan, Zhuo-Hua; Wayne State University The application has been assigned to **Wayne State University**

2017304128 Mobeewave Systems ULC The application has been assigned to **Apple Inc.**

2017305032 Toyota Jidosha Kabushiki Kaisha; Monash University The application has been assigned to **Toyota Jidosha Kabushiki Kaisha**

2018

2018211929 Curfiss, Robert C.; Nguyen, Phuong Taylor The application has been assigned to **Axxiom Manufacturing, Inc.**

2018253564 Eaves, Felmont The application has been assigned to **EMRGE, LLC.**

2018256522 Mobeewave Systems ULC The application has been assigned to **Apple Inc.**

2018428450 JATT PTE. LTD. The application has been assigned to **Autologous Stem Cell Technology Pty Ltd**

2019

2019226713 Imperial College of Science, Technology and Medicine The application has been assigned to **Imperial College Innovations Limited**

2019238568 Mirza, David; Mihaljevic, Ante; Kraljevic, Mathew The application has been assigned to **Mihaljevic, Ante**

Assignments before Grant, Section 113

2019246936 Franke Technology and Trademark Ltd The application has been assigned to **KWC AG**

2019354556 Winter, Lia The application has been assigned to **Winter Innovations, Inc.**

2020

2020200023 Iantech, Inc. The application has been assigned to **Carl Zeiss Meditec Cataract Technology Inc.**

2020249779 Oxford Flow Limited The application has been assigned to **OFIP LIMITED**

2020260430 Oakmoore Pty Ltd The application has been assigned to **Think Retail & Design Pty Ltd**

2020901184 UFG Group Pty Ltd The application has been assigned to **Environment Management Systems Pty Limited**

2020901306 Fortescue Metals Group Ltd The application has been assigned to **FORTESCUE FUTURE INDUSTRIES PTY LTD**

2020902401 Fortescue Metals Group Ltd The application has been assigned to **FORTESCUE FUTURE INDUSTRIES PTY LTD**

2020903736 Fortescue Metals Group Ltd The application has been assigned to **FORTESCUE FUTURE INDUSTRIES PTY LTD**

2020903917 ZARB, Daniel Justin The application has been assigned to **BAR ME Pty Ltd**

2021

2021201388 Mobeewave Systems ULC The application has been assigned to **Apple Inc.**

2021900460 Omni Group Pty Ltd The application has been assigned to **AAA Packaging Supplies Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2013

2013204906 **Advanced BioAdjuvants, LLC** An application to extend the time from 12 Mar 2017 to 12 Sep 2020 in which to pay the renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2014

2014273910 **Kamado Concepts, LLC** An application to extend the time from 02 Jun 2020 to 02 Jan 2021 in which to pay a renewal fee has been filed . Address for service - Wallington-Dummer Se 1005 37 Bligh St Sydney NSW 2000 AU

Extensions of Time, Section 223

2015

2015100740 **Living Lean** An application to extend the time from 04 Jun 2020 to 04 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Living Lean 14 Cecil st Caringbah South NSW 2229 AU

2015230774 **Gallagher Group Limited** An application to extend the time from 28 Mar 2020 to 28 Nov 2020 in which to pay the renewal fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2018

2018100182 **The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre Pty Ltd** An application to extend the time from 09 Feb 2020 to 09 Feb 2021 in which to pay the renewal fee has been filed . Address for service - The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST 22-28 Hawker Street Airport West VIC 3042 AU

Applications Allowed - Section 223(2)

2011

2011256088 **University of Saskatchewan** The time in which to pay a renewal fee has been extended to 19 Dec 2020 . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2012

2012267938 **Parion Sciences, Inc.** The time in which to pay the renewal fee has been extended to 07 Jan 2021 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2014

2014321134 **Avicennia Investments Pty Ltd** The time in which to gain acceptance has been extended to 09 Jun 2021 . Address for service - Matthew Sulman & Associates 20 Broadhurst Street KELVIN GROVE QLD 4059 AU

2020

2020256461 **Fix-A-Tap Australia Pty Limited** The time in which to extend the grace period has been extended to 19 Oct 2020 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 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.

2012

2012214531 Antibodies that specifically bind Staphylococcus aureus alpha toxin and methods of use **MedImmune, LLC** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2021 . Ad-

Amendments

dress for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2015

2015301338 Antagonistic anti-OX40L antibodies and methods of their use **Baylor Research Institute** The nature of the amendment is as shown in the statement(s) filed 01 Apr 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015336086 Compositions and methods for detecting an RNA virus **Envirologix Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Mar 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2015342774 EZH2 inhibitors and uses thereof **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Mar 2021 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2015344993 Materials and methods for PUFA production, and PUFA-containing compositions **BASF Plant Science Company GmbH ; Bio-Original Food & Science Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016

2016341520 Benzolactam compounds as protein kinase inhibitors **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016360487 Live virus having a bank of dengue virus attenuated strains, and a dengue vaccine containing same as antigens **KM Biologics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 07 Apr 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017243515 Information display method, device and system **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Apr 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2017430862 Uplink control channel resource allocation methods and devices **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 08 Apr 2021 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019

2019202346 Automatic identification of components for welding and cutting torches **The ESAB Group Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019203340 Electro mechanical fire control apparatus **Israel Weapon Industries (I.W.I) Ltd.** The nature of the amendment is

Amendments

as shown in the statement(s) filed 13 Apr 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019203639 Devices, methods, and graphical user interfaces for moving a current focus using a touch-sensitive remote control **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2021 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

Amendments Made

2012

2012322039 **Array BioPharma Inc.** The nature of the amendment is as shown in the statement filed 18 Dec 2020

2014

2014247941 **University of Maryland, Baltimore** The nature of the amendment is: Amend the name of the inventor to read Njar, Vincent C.O. and Puranik, Purushottamachar

2015

2015370428 **National Research Council of Canada; Bank of Canada** The nature of the amendment is: Amend the name of the inventor to read Brassard, Daniel; Malic, Lidija; Morton, Keith J.; Veres, Teodor; Garanzotis, Theodoros and MacPherson, Charles D.

2015372431 **Fitzgerald, J.** The nature of the amendment is: Application is to proceed under the number 2015101992

2016

2016211688 **The Children's Hospital Corporation; Fate Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Robbins, David; Rezner, Betsy; Mitchell, Leah; Guerrettaz, Lisa; Parone, Philippe Alessandro; Tacke, Robert Steven; Lai, Kevin; Valamehr, Bahram and Fiorina, Paolo

2016303003 **Société des Produits Nestlé S.A.** The nature of the amendment is: Application is to proceed under the number 2016102461

2016349943 **Wiltshire, S.J.P.** The nature of the amendment is: Amend the invention title to read COMPRESSION APPARATUS

2017

2017210499 **Array BioPharma Inc.** The nature of the amendment is as shown in the statement filed 18 Dec 2020

2017222026 **ECOINNO (H.K.) LIMITED** The nature of the amendment is as shown in the statement filed 19 Jan 2021

2017254713 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statements filed 22 Dec 2020 and 27 Jan 2021

2017407248 **NEC Platforms, Ltd.; Nippon Telegraph and Telephone East Corporation; Nippon Telegraph and Telephone West Corporation** The nature of the amendment is: Amend the invention title to read TELEPHONE EXCHANGE SYSTEM AND TELEPHONE EXCHANGE APPARATUS AND METHOD, NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PROGRAM

Amendments

2018

2018214005 **Luxottica Retail North America Inc.** The nature of the amendment is: Amend the name of the inventor to read Coon, Jonathan; Gravois, Adam; Engle, Ryan and Turetzky, Darren

2018214014 **Araxes Pharma LLC** The nature of the amendment is as shown in the statement filed 22 Jan 2021

2018304591 **ViiV Healthcare Company; Janssen Sciences Ireland Unlimited Company** The nature of the amendment is: Amend the invention title to read REGIMENS FOR TREATING HIV INFECTIONS AND AIDS

2018316057 **LG Electronics Inc.** The nature of the amendment is: Amend the name of the inventor to read NOH, Hyunwoo; KIM, Changoh; HONG, Sangwook; JANG, Jae Hyuk and KIM, Woo Re

2018329937 **Dragonfly Therapeutics, Inc.** The nature of the amendment is: Amend the invention title to read PROTEINS BINDING NKG2D, CD16 AND NECTIN4

2018338790 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read DRUMMOND SAMUELSON, Meghan; HAINES, Jeffery; HARTFORD, Suzanne; FREDEWEY, David; ZAMBROWICZ, Brian and MURPHY, Andrew J.

2018348323 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 15 Jan 2021

2018428499 **China University of Mining and Technology; Xuzhou Boan Science & Technology Development Co., Ltd** The nature of the amendment is: Amend the invention title to read MULTI-STAGE COMBUSTION IMPACT WAVE-INDUCED COAL MASS CRACKING AND HEAT INJECTION ALTERNATING INTENSIFIED GAS EXTRACTION METHOD

2018446518 **Jiangsu Feida Safety Equipment Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102211

2019

2019200243 **Array BioPharma Inc.** The nature of the amendment is as shown in the statement filed 18 Dec 2020

2019201646 **EBED Holdings Inc.** The nature of the amendment is: Amend the name of the inventor to read Bauer, Walter Jacob

2019203443 **The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature of the amendment is as shown in the statement filed 15 Jan 2021

2019203550 **Qualcomm Incorporated** The nature of the amendment is: Amend the invention title to read PRIORITIZING COLLIDING TRANSMISSIONS IN LTE AND ULTRA-LOW LATENCY LTE COMMUNICATIONS

2019203849 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 18 Jan 2021

Amendments

2019204730 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 18 Jan 2021

2019282158 **Illumina, Inc.; University of Washington** The nature of the amendment is: Amend the name of the inventor to read SHENDURE, Jay; CAO, Junyue; STEEMERS, Frank J.; GASPERINI, Molly and TOME, Jacob

2019288659 **Bissell Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2020 and 04 Mar 2021

2019294835 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read GRAY, Nathanael; ZHANG, Tinghu; FISCHER, Eric; HE, Zhixiang; DU, Guangyan; DONOVAN, Katherine; NOWAK, Radoslaw and YUAN, Jing Ting Christine

2019310188 **Lithium Australia NL; Australian Nuclear Science and Technology Organisation** The nature of the amendment is: Amend the invention title to read Caustic conversion process

2019315163 **Sharp Kabushiki Kaisha; FG Innovation Company Limited** The nature of the amendment is: Amend the invention title to read Terminal apparatus, base station apparatus, and communication method

2019336265 **Filtaworx Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101795

2019340598 **Hanmi Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read BAEK, Jong Ouk; KIM, Hee Cheol; HA, Tae Hee and SUH, Kweehyun

2019342223 **Swarfix AS** The nature of the amendment is: Amend the name of the inventor to read LANGE LAND, Geir Magne

2019343653 **Shanghai Jinchun Medical & Pharmaceutical Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read WOUND CLOSURE APPARATUS

2019348815 **Kymab Limited** The nature of the amendment is: Amend the name of the inventor to read GERMASCHEWSKI, Volker; THEURL, Igor; CARVALHO, Joana de Abreu; LECOINTRE, Morgane Marie; PAPWORTH, Jonathan Leslie; BAYLISS, Luke Thomas and PETZER, Verena

2019349523 **Leipa Georg Leinfelder GmbH** The nature of the amendment is: Amend the name of the inventor to read STEINER, Ewald; JÄSCHKE, Tilo; HAUX, Matthias and SCHÜRMANN, Christian

2019351468 **Mitsubishi Materials Corporation** The nature of the amendment is: Amend the invention title to read Drilling tip and drill bit

2019356268 **Lumenis Ltd** The nature of the amendment is: Amend the name of the inventor to read SCHUSTER, Israel and GANDMAN, Andrey

2019357156 **Korea Advanced Institute of Science and Technology** The nature of the amendment is: Amend the invention title to read Mutant microorganism introduced with highly active malate dehyd-

Amendments

rogenase for producing succinic acid and method of producing succinic acid using the same

2019370424 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read VIDEO PICTURE PRE-DICTION METHOD AND APPARATUS

2019399480 **Quality Executive Partners, Inc.** The nature of the amendment is: Amend the priority details to read 62/744,753 12 Oct 2018 US

2019404522 **Kubota Corporation** The nature of the amendment is: Amend the invention title to read WASTEWATER TREATMENT TANK MANAGEMENT DEVICE AND WASTEWATER TREATMENT TANK MANAGEMENT SYSTEM

2020

2020104416 **Changsha University of Science & Technology** The nature of the amendment is: Amend the invention title to read Method for preparing whole grain rice noodles

2020200760 **DENTSPLY International Inc.** The nature of the amendment is: Amend the name of the inventor(s) to read Falcone, Matthew James; Verma, Neil; Krishnamoorthy, Sivaramakrishnan; Ru-an, Tieming; Ng, Calvin and Zdurne, David A.

2020204549 **Shandong Institute of Artificial Intelligence; Shandong Computer Science Center (National Supercomputing Center in Jinan)** The nature of the amendment is: Application is to proceed under the number 2020104423

2020254456 **Nichiha Corporation** The nature of the amendment is: Amend the invention title to read BUILDING MATERIAL MANUFACTURING APPARATUS AND BUILDING MATERIAL MANUFACTURING METHOD

2021

2021101095 **HOME HANDY BASE PTY LTD; Schmidt, M.** The nature of the amendment is: Amend the invention title to read Auto-Scale Subscription Package Pricing

2021101413 **Kunming University of Science and Technology** The nature of the amendment is: Application is to proceed under number 2021202279

2021101582 **Pinjarkar, L.; Sharaff, A.; Sharma, S.; Saritha, S.K.; Mohiddin, M.K.; Miri, R.; Bagga, J.; Sharma, A.; Mishra, D.; Nayyar, A.** The nature of the amendment is: Amend the name of the inventor to read Pinjarkar, Latika; Sharaff, Aakanksha; Sharma, Suraj; Saritha, S. K.; Mohiddin, Md. Khaja; Miri, Rohit; Bagga, Jaspal; Sharma, Abhishek; Mishra, Devesh and Nayyar, Anand

2021201730 **Qualcomm Incorporated** The nature of the amendment is: Amend the name of the inventor to read Chendamarai Kannan, Arumugam; Luo, Tao; Patel, Chirag Sureshbhai and Kadous, Tamer Adel

2021201833 **indurad GmbH** The nature of the amendment is: Amend the invention title to read Method and Apparatus for the Controlled Charging and Inspection of Blasting Boreholes

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

Amendments

2010

2010203446 **Generon (Shanghai) Corp.** The name of the patentee has been altered to **Evive Biotechnology (Shanghai) Ltd**

2012

2012216495 **WNR Systems Pte. Ltd.** The name of the patentee has been altered to **NexGEN Pipes Pte. Ltd**

2014

2014337396 **WHITE OPS, INC.** The name of the patentee has been altered to **HUMAN SECURITY INC**

2014337397 **WHITE OPS, INC.** The name of the patentee has been altered to **HUMAN SECURITY INC**

2016

2016211688 **Fate Therapeutics, Inc.** The name of the applicant has been altered to **The Children's Hospital Corporation; Fate Therapeutics, Inc.**

2017

2017203761 **ETP ELECTRON MULTIPLIERS PTY LTD** The name of the applicant has been altered to **ADAPTAS SOLUTIONS PTY LTD**

2017254090 **VMAS Solutions LLC** The name of the patentee has been altered to **VMAS Solutions, Inc.**

2017371443 **UCB Biopharma SPRL** The name of the applicant has been altered to **UCB Biopharma SRL**

2018

2018100730 **Medetoursim Pty Ltd.** The name of the patentee has been altered to **Medetourism Pty Ltd**

2018273106 **Hepa Wash GmbH** The name of the applicant has been altered to **Advitos GmbH**

2018350632 **Perspectum Diagnostics Ltd** The name of the applicant has been altered to **Perspectum Limited**

2018382399 **Michel Van de Wiele NV** The name of the applicant has been altered to **Vandewiele NV**

2018385202 **Michel Van de Wiele NV** The name of the applicant has been altered to **Vandewiele NV**

2019

2019227069 **Oricia International Pte. Ltd.** The name of the applicant has been altered to **Orica International Pte Ltd**

2019265907 **Rhodes Technologies Inc.** The name of the applicant has been altered to **Rhodes Technologies**

2019275406 **Celanese EVA Performance Polymers Corporation** The name of the applicant has been altered to **Celanese Eva Performance Polymers LLC**

Amendments

2019282836 Cullinan Management, Inc. The name of the applicant has been altered to **CULLINAN ONCOLOGY, INC.**

2019288581 Ergosuture Corp. The name of the applicant has been altered to **Dynamic Suture, Inc.**

2019289398 Changzhou Qianhong Biopharma Co., Ltd; Changzhou Le Sun Pharmaceuticals Co., Ltd. The name of the applicant has been altered to **Changzhou Qianhong Biopharma Co., Ltd; Changzhou Le Sun Pharmaceuticals Ltd.**

2019336212 The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; The United States of America, as represented by The Secretary, Department of Health and Human Services; Government of the United States of America, as represented by The Secretary of the Army The name of the applicant has been altered to **The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.; The United States of America, as represented by The Secretary, Department of Health and Human Services**

2019341066 MabPlex International, Ltd. The name of the applicant has been altered to **MabPlex International Co., Ltd.**

2019341067 MabPlex International, Ltd. The name of the patentee has been altered to **MabPlex International Co., Ltd.**

2019429632 "SOLAR" LLC. The name of the applicant has been altered to **Solar Ltd.**

2020

2020101575 Advanced Fleet Signs Pty Ltd The name of the patentee has been altered to **AFS Business Group Pty Ltd**

2020102900 Advanced Fleet Signs Pty Ltd The name of the patentee has been altered to **AFS Business Group Pty Ltd**

2020204250 MabPlex International, Ltd. The name of the patentee has been altered to **MabPlex International Co., Ltd.**

2020207784 Advanced Fleet Signs Pty Ltd The name of the applicant has been altered to **AFS Business Group Pty Ltd**

2020267204 VMAS Solutions LLC The name of the applicant has been altered to **VMAS Solutions, Inc.**

2020901141 Maclaw No. 477 Pty Ltd The name of the applicant has been altered to **Karrico Pty Ltd**

2021

2021101452 Allan AF Woodley, Solicitor and Trade Marks Attorney The name of the applicant has been altered to **Woodley, A.**

2021101567 K V, Kadambari; Bollipo, Lavanya Madhuri The name of the applicant has been altered to **K V, K.; Bollipo, L.M.; National Institute of Technology Warangal**

2021101582 Sumit Srivastava; Sharad Chandra Srivastava; Pinjarkar, Latika; Sharaff, Aakanksha; Sharma, Suraj; Saritha, S K; Mohiddin, Md. Khaja; Miri, Rohit; Bagga, Jaspal; Sharma, Abhishek; Mishra, Devesh; Nayyar, Anand The name of the applicant has been altered to **Pin-**

Amendments

jarkar, L.; Sharaff, A.; Sharma, S.; Saritha, S.K.; Mohiddin, M.K.; Miri, R.; Bagga, J.; Sharma, A.; Mishra, D.; Nayyar, A.

2021101684 Chaubey, Nirbhay Kumar; Jayaprakash, H.V.; P, Lakshmi; Srikanth, Abhiram; K R, Shobha; Chaithra, Prerana; Nayak, Shantharam; Patil, Pramod V; Kapula, Prabhakara Rao; Ambore, Bhagyashree; A S, Mahesh Kumar The name of the applicant has been altered to **Krishnamoorthy, R.; Jayaprakash, H.; P, L.; Srikanth, A.; K R, S.; Chaithra, P.; Nayak, S.; Patil, P.V.; Kapula, P.R.; Ambore, B.; A S, M.K.**

2021101720 Nagwanshi, Kapil Kumar; Gupta, Chandra Prakash; Sohani, Mayank; Chhabra, Gurpreet Singh; Bhattacharya, Riju; Trivedi, Ashish; Jharia, Bhavana; Srivastava, Sumit The name of the applicant has been altered to **Nagwanshi, K.K.; Gupta, C.P.; Sohani, M.; Chhabra, G.S.; Bhattacharya, R.; Trivedi, A.; Jharia, B.**

2021200023 Kennedy, James Alan The name of the applicant has been altered to **VORTEX POWERHUB (AUST) PTY LTD**

2021200148 The University of Massachusetts The name of the applicant has been altered to **The General Hospital Corporation; The University of Massachusetts**

2021200173 Bella Technologies, LLC The name of the applicant has been altered to **ST Reproductive Technologies, LLC**

2021202097 SEBEL PTY LTD The name of the applicant has been altered to **RESERO PTY LTD**

2021900319 Search and Rescue Systems (Australia) Pty Ltd The name of the applicant has been altered to **Bancroft, S.**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Rapid Diagnostics International Unlimited Company; Alere San Diego, Inc.
(11) AU-A-2021201980
(21) 2021201980 (22) 30.03.2021
(54) Sample Preparation Device
(51) Int. Cl.
B01L 3/00 (2006.01)
F04B 1/00 (2020.01)
F04B 19/06 (2006.01)
G01N 1/00 (2006.01)
G01N 30/20 (2006.01)
(43) 29.04.2021
(62) 2016348479
(72) HAWORTH, Daniel Nicholas; PALMER-FELGATE, John Paul
(74) WRAYS PTY LTD

ABIVAX see UNIVERSITE DE MONTPELLIER
(21) 2021201960

(71) Acutus Medical, Inc.
(11) AU-A-2021201964
(21) 2021201964 (22) 30.03.2021
(54) Ultrasound sequencing system and method
(51) Int. Cl.
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
A61B 8/12 (2006.01)
(43) 29.04.2021
(62) 2016262547
(72) Chou, Derrick R.; Beatty, Graydon E.; Julian, Marcus; Corvi, Timothy J.; Flaherty, J. Christopher; Flaherty, R. Maxwell
(74) Griffith Hack

(71) Advanced Accelerator Applications International SA
(11) AU-A-2021201914
(21) 2021201914 (22) 26.03.2021
(54) GRPR-antagonists for detection, diagnosis and treatment of GRPR-positive cancer
(51) Int. Cl.
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
(43) 29.04.2021
(62) 2019216714
(72) MAINA-NOCK, Theodosia.; NOCK, Berthold Artur.; DE JONG HENDRIKS, Marion,
(74) Spruson & Ferguson

(71) Advanced New Technologies Co., Ltd.
(11) AU-A-2021201911
(21) 2021201911 (22) 26.03.2021
(54) Methods and devices for acquiring and recording tracking information on block-chain
(51) Int. Cl.
G06F 21/62 (2013.01)
(43) 29.04.2021
(62) 2019203859
(72) CHENG, Long.; LI, Yanpeng,
(74) Spruson & Ferguson

(71) Advanced New Technologies Co., Ltd.
(11) AU-A-2021202001
(21) 2021202001 (22) 31.03.2021
(54) Visual blockchain browser
(51) Int. Cl.
H04L 9/32 (2006.01)
(43) 29.04.2021
(62) 2018348339
(72) Li, Yanpeng
(74) Spruson & Ferguson

(71) Agenus Inc.
(11) AU-A-2021202037
(21) 2021202037 (22) 01.04.2021
(54) VACCINES FOR TREATMENT AND PREVENTION OF CANCER
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 29.04.2021
(62) 2016260540
(72) BUELL, Jennifer Shanda; CASTLE, John Christopher; STEIN, Robert Benjamin; LEVEY, Daniel Lewis
(74) AJ PARK

(71) Akili Interactive Labs, Inc.
(11) AU-A-2021202051
(21) 2021202051 (22) 01.04.2021
(54) PROCESSOR-IMPLEMENTED SYSTEMS AND METHODS FOR ENHANCING COGNITIVE ABILITIES BY PERSONALIZING COGNITIVE TRAINING REGIMENS
(51) Int. Cl.
H04L 29/08 (2006.01)
(43) 29.04.2021
(62) 2019271911
(72) Martucci, Walter Edward; Piper, Adam; Omernick, Matthew; Gazzaley, Adam; Elenko, Eric; Karanam, Ketki
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

Alere San Diego, Inc. see Abbott Rapid Diagnostics International Unlimited Company
(21) 2021201980

(71) Allergan Industrie, SAS
(11) AU-A-2021202089
(21) 2021202089 (22) 06.04.2021
(54) Compositions and methods for improving skin appearance
(51) Int. Cl.
A61K 8/34 (2006.01)
A61K 8/60 (2006.01)
A61K 8/67 (2006.01)
A61K 8/73 (2006.01)
A61Q 19/08 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
(43) 29.04.2021
(62) 2016217963
(72) Lebreton, Pierre; Guetta, Olivier
(74) Davies Collison Cave Pty Ltd

(71) Allied Bioscience, Inc.
(11) AU-A-2021201925
(21) 2021201925 (22) 26.03.2021
(54) Analysis of antimicrobial coatings using XRF
(51) Int. Cl.
G01N 23/223 (2006.01)
G01B 15/02 (2006.01)
G01N 23/2202 (2018.01)
(43) 29.04.2021
(62) 2020210650
(72) Asgari, Parham; Fang, Jie; Grossman, Gavri; El-Sayed, Maha
(74) Michael Buck IP

(71) ALSTOM Transport Technologies
(11) AU-A-2020244571
(21) 2020244571 (22) 02.10.2020
(54) Fixed block railway signaling system
(51) Int. Cl.
B61L 15/00 (2006.01)
(31) 201911040674 (32) 09.10.19 (33) IN
(43) 29.04.2021
(72) Upadhyay, Ashish
(74) Davies Collison Cave Pty Ltd

(71) Angel Playing Cards Co., Ltd.
(11) AU-A-2021202002
(21) 2021202002 (22) 31.03.2021
(54) Fraud detection system in casino
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 11/00 (2006.01)
G06Q 50/10 (2012.01)
(43) 29.04.2021
(62) 2019204373
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) Anhui Yifei Machinery Co., Ltd.
(11) AU-A-2020203934
(21) 2020203934 (22) 12.06.2020
(54) COUPLING DEVICE FOR TRAVEL TRAILER
(51) Int. Cl.
B60D 1/167 (2006.01)
B60D 1/24 (2006.01)
B60P 3/32 (2006.01)
(31) 2019109594900 (32) 10.10.19 (33) CN
(43) 29.04.2021
(72) Zhang, Xuefei
(74) Madderns Pty Ltd

(71) Aragon Pharmaceuticals, Inc.
(11) AU-A-2021201979
(21) 2021201979 (22) 30.03.2021
(54) Anticancer compositions
(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
(43) 29.04.2021
(62) 2015358490
(72) Hester, Dennis Martin; Vaughn, Jason Michael
(74) Shelston IP Pty Ltd.

(71) Aristocrat Technologies, Inc.
(11) AU-A-2020239785
(21) 2020239785 (22) 25.09.2020
(54) ACCESSORY CONNECTION ASSEMBLY AND METHOD FOR AN ELECTRONIC GAMING MACHINE
(51) Int. Cl.
A63F 13/24 (2014.01)
A63F 13/90 (2014.01)
(31) 62/913,600 (32) 10.10.19 (33) US
16/890,938 02.06.20 US
(43) 29.04.2021
(72) McCLEAREN, Victor
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2020250311
(21) 2020250311 (22) 09.10.2020
(54) RECONFIGURABLE MODULAR OVERHEAD DISPLAY ASSEMBLY FOR A GAMING SYSTEM
(51) Int. Cl.
A63F 13/26 (2014.01)
A63F 13/90 (2014.01)
(31) 62/914,184 (32) 11.10.19 (33) US
63/025,764 15.05.20 US
17/039,547 30.09.20 US
(43) 29.04.2021
(72) CHAMBERS, Keith; HENDRICKSON, Scott; EGAR, Daniel; CURTIS, John
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2020244390
(21) 2020244390 (22) 28.09.2020
(54) GAMING SYSTEM WITH SYMBOL DRIVEN MYSTERY FEATURE GAME
(51) Int. Cl.
G07F 17/32 (2006.01)

G07F 17/34 (2006.01)
(31) 2019903852 (32) 14.10.19 (33) AU
(43) 29.04.2021
(72) OLIVE, Scott; DEITZ, Matthew; SANDERS, Liam
(74) Griffith Hack

(71) Assembly Biosciences, Inc.; Indiana University Research and Technology Corporation
(11) AU-A-2021202065
(21) 2021202065 (22) 01.04.2021
(54) Hepatitis B core protein modulators
(51) Int. Cl.
C07D 243/38 (2006.01)
A01N 57/00 (2006.01)
(43) 29.04.2021
(62) 2016323293
(72) TURNER, William; ARNOLD, Lee Daniel; MAAG, Hans; LI, Leping; BURES, Mark; HAYDAR, Simon; FRANCIS, Samson
(74) Spruson & Ferguson

(71) Australian Garage Door & Gate Warehouse Pty Ltd
(11) AU-A-2019250102
(21) 2019250102 (22) 14.10.2019
(54) MOUNTING ASSEMBLY FOR UPWARDLY OPENING DOORS
(51) Int. Cl.
E05D 15/42 (2006.01)
E05D 13/00 (2006.01)
E05D 15/38 (2006.01)
E06B 3/70 (2006.01)
(43) 29.04.2021
(72) Bryant, Roger Kenneth; Sciberras, Edmondo Bryan
(74) Roger Bryant

(71) Avant Medical Corp.
(11) AU-A-2021202004
(21) 2021202004 (22) 31.03.2021
(54) AUTOINJECTOR SYSTEM
(51) Int. Cl.
A61M 5/20 (2006.01)
(43) 29.04.2021
(62) 2019240651
(72) Slate, John B.; Burk, Michael W.; Koerner, Richard J.; Magers, Corey M.; Barnes, Andrew C.
(74) Phillips Ormonde Fitzpatrick

(71) Avixgen Inc.
(11) AU-A-2021202033
(21) 2021202033 (22) 01.04.2021
(54) CYTOPLASMIC TRANSDUCTION PEPTIDE AND INTRACELLULAR MESSENGER COMPRISING SAME
(51) Int. Cl.
C07K 7/08 (2006.01)
C07K 14/005 (2006.01)
C07K 19/00 (2006.01)
(43) 29.04.2021
(62) 2017375828
(72) Baek, Yi Yong; Kim, Min Jung
(74) James & Wells Intellectual Property

(71) AWS Ocean Energy Limited
(11) AU-A-2021201974
(21) 2021201974 (22) 30.03.2021
(54) Wave energy converter
(51) Int. Cl.
F03B 13/14 (2006.01)
F03B 13/18 (2006.01)
F03B 13/26 (2006.01)
(43) 29.04.2021
(62) 2016305570
(72) Grey, Simon
(74) FB Rice Pty Ltd

(71) Baker Hughes Holdings, LLC
(11) AU-A-2021201987
(21) 2021201987 (22) 30.03.2021
(54) Downhole assembly including degradable-on-demand material and method to degrade downhole tool
(51) Int. Cl.
E21B 41/00 (2006.01)
E21B 33/12 (2006.01)
E21B 34/06 (2006.01)
(43) 29.04.2021
(62) 2017382518
(72) Xu, Zhiyue; Doane, James; Xu, Yingqing; Zhang, Zhihui
(74) FPA Patent Attorneys Pty Ltd

(71) BASF Agricultural Solutions Seed US LLC
(11) AU-A-2021201939
(21) 2021201939 (22) 29.03.2021
(54) AXMI477, AXMI482, AXMI486 and AXMI525 toxin genes from bacillus thuringiensis and methods for their use
(51) Int. Cl.
C12N 15/82 (2006.01)
C07K 14/325 (2006.01)
(43) 29.04.2021
(62) 2014364119
(72) Lehtinen, Duane Alan; Sampson, Kimberley S.; Roberts, Kira; Dunn, Ethan; Chougule, Nana
(74) Davies Collison Cave Pty Ltd

(71) Bayer Intellectual Property GmbH
(11) AU-A-2021202032
(21) 2021202032 (22) 01.04.2021
(54) Substituted picolinic acids and pyrimidine-4-carboxylic acids, method for the production thereof, and use thereof as herbicides and plant growth regulators
(51) Int. Cl.
C07D 401/04 (2006.01)
A01N 43/40 (2006.01)
C07D 403/04 (2006.01)
C07D 405/04 (2006.01)
C07D 409/04 (2006.01)
C07D 413/04 (2006.01)
C07D 417/04 (2006.01)
(43) 29.04.2021
(62) 2019201365
(72) Gerhard Hoffmann, Michael; Brunjes, Marco; Doller, Uwe; Dietrich, Hans-

Applications Open to Public Inspection - Name Index cont'd

Jorg; Hauser-Hahn, Isolde; Rosinger, Christopher Hugh; Gatzweiler, Elmar; Heinemann, Ines
(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2021201991
(21) 2021201991 (22) 30.03.2021
(54) Needle capture safety interlock for catheter
(51) Int. Cl.
A61B 5/15 (2006.01)
A61M 5/24 (2006.01)
A61M 5/34 (2006.01)
(43) 29.04.2021
(62) 2019261776
(72) SHEVGOOR, Siddarth K.; HARDING, Weston; STOKES, John
(74) FB Rice Pty Ltd

(71) BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.
(11) AU-A-2020230284
(21) 2020230284 (22) 10.09.2020
(54) SUPERCONDUCTING CIRCUIT STRUCTURE, SUPERCONDUCTING QUANTUM CHIP AND SUPERCONDUCTING QUANTUM COMPUTER
(51) Int. Cl.
H01L 39/22 (2006.01)
G06N 10/00 (2019.01)
H01L 27/18 (2006.01)
(31) 201910967230.8 (32) 11.10.19 (33) CN
(43) 29.04.2021
(72) JIN, Lijing; DUAN, Runyao
(74) Michael Buck IP

(71) Bergen Teknologioverføring AS; NewSouth Innovations Pty Limited
(11) AU-A-2021201969
(21) 2021201969 (22) 30.03.2021
(54) Process
(51) Int. Cl.
C12P 17/12 (2006.01)
C12N 1/21 (2006.01)
(43) 29.04.2021
(62) 2017218598
(72) Kellmann, Ralf; Neilan, Brett
(74) Spruson & Ferguson

(71) BioAtla, LLC
(11) AU-A-2021202064
(21) 2021202064 (22) 01.04.2021
(54) Mirac Proteins
(51) Int. Cl.
C12Q 1/68 (2018.01)
A61K 38/17 (2006.01)
C07K 14/00 (2006.01)
C12P 21/00 (2006.01)
(43) 29.04.2021
(62) 2018256476
(72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard; Frost, Gregory
(74) Allens Patent & Trade Mark Attorneys

(71) BioCryst Pharmaceuticals, Inc.
(11) AU-A-2021201924
(21) 2021201924 (22) 26.03.2021
(54) Human plasma kallikrein inhibitors
(51) Int. Cl.
C07D 405/12 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/519 (2006.01)
(43) 29.04.2021
(62) 2016330926
(72) Kotian, Pravin L.; Babu, Yarlagadda S.; Kumar, V. Satish; Zhang, Weihe; Vogeti, Lakshminarayana
(74) FB Rice Pty Ltd

(71) BioDelivery Sciences International, Inc.
(11) AU-A-2021202042
(21) 2021202042 (22) 01.04.2021
(54) Transmucosal drug delivery devices for use in chronic pain relief
(51) Int. Cl.
A61K 9/70 (2006.01)
(43) 29.04.2021
(62) 2019202602
(72) Finn, Andrew; Vasisht, Niraj
(74) Davies Collison Cave Pty Ltd

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

(71) Bonutra AG; Herbitat Lifesciences, LLP
(11) AU-A-2020213307
(21) 2020213307 (22) 05.08.2020
(54) NATURAL AND/OR ORGANIC DISINTEGRANT PRE-MIXES FOR (ORAL) SOLID DOSAGE FORMS
(51) Int. Cl.
A61K 47/46 (2006.01)
A61K 9/20 (2006.01)
A61K 36/185 (2006.01)
A61K 36/22 (2006.01)
A61K 36/48 (2006.01)
A61K 36/68 (2006.01)
A61K 36/73 (2006.01)
A61K 36/75 (2006.01)
A61K 36/88 (2006.01)
A61K 36/899 (2006.01)
A61K 47/36 (2006.01)
(31) 19202932.0 (32) 14.10.19 (33) EP
(43) 29.04.2021
(72) Patel, Ritesh; Ghatak, Somsuvra; Specht, Felix; Yunis, Mahmud
(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

(71) Canon Kabushiki Kaisha
(11) AU-A-2021201973
(21) 2021201973 (22) 30.03.2021
(54) Cartridge and electrophotographic image forming apparatus
(51) Int. Cl.
G03G 21/18 (2006.01)
G03G 15/08 (2006.01)
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(62) 2018283274
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A61P 3/06 (2006.01)
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(54) Apparatus For Controlling Flow In A Bodily Organ
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C22B 3/04 (2006.01)
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(51) Int. Cl.
A61L 9/013 (2006.01)
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(54) Device with compositions for delivery to the lungs, the oral mucosa and the brain
(51) Int. Cl.

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A61K 31/4468 (2006.01)
A61K 31/522 (2006.01)
A61K 36/185 (2006.01)
A61K 36/534 (2006.01)
A61K 45/06 (2006.01)
A61K 47/44 (2017.01)
A61M 11/04 (2006.01)
A61M 15/00 (2006.01)
A61P 11/00 (2006.01)

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(11) AU-A-2021201962
(21) 2021201962 (22) 30.03.2021
(54) Compositions comprising combinations of organic acids
(51) Int. Cl.
A61K 8/362 (2006.01)
A61Q 11/00 (2006.01)

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(21) 2021201963 (22) 30.03.2021
(54) Compositions comprising combinations of organic acids
(51) Int. Cl.

A61K 8/362 (2006.01)
A61Q 11/00 (2006.01)

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(74) Shelston IP Pty Ltd.

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(54) Components for crushers and mills and method for manufacturing same
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B02C 4/30 (2006.01)
B02C 2/00 (2006.01)
B02C 7/12 (2006.01)
B02C 13/28 (2006.01)
B02C 17/22 (2006.01)
B07B 1/46 (2006.01)
B33Y 80/00 (2015.01)
E21B 10/46 (2006.01)

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E04B 2/00 (2006.01)
E04B 1/62 (2006.01)

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(54) Aerosol detergent composition
(51) Int. Cl.
C11D 7/50 (2006.01)
C11D 7/30 (2006.01)
C11D 17/08 (2006.01)
C23G 5/00 (2006.01)

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E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
G01C 11/06 (2006.01)
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A63B 55/00 (2015.01)
A63B 55/60 (2015.01)
A63B 57/00 (2015.01)
B60W 30/08 (2012.01)
G05D 1/00 (2006.01)
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G05D 1/02 (2020.01)
B60L 53/18 (2019.01)
H02J 7/00 (2006.01)
A01D 101/00 (2006.01)
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F16C 37/00 (2006.01)
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(74) Dentons Patent Attorneys Australasia
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ing Machine
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H04N 9/47 (2006.01)
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A61B 34/20 (2016.01)

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B66F 9/065 (2006.01)
B66F 9/075 (2006.01)
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(51) Int. Cl.
H02G 3/06 (2006.01)
F16L 9/02 (2006.01)
F16L 19/02 (2006.01)
F16L 41/02 (2006.01)
F16L 43/00 (2006.01)
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H02G 3/04 (2006.01)
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(74) Ellis Terry

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(54) Rhythmic Synchronization Of Cross
Fading For Musical Audio Section Re-
placement For Multimedia Playback
(51) Int. Cl.
G10H 1/00 (2006.01)
G10H 1/40 (2006.01)

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(21) 2021201916 **(22)** 26.03.2021
(54) Rhythmic Synchronization Of Cross Fading For Musical Audio Section Replacement For Multimedia Playback
(51) Int. Cl.
G10H 1/00 (2006.01)
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G11B 27/038 (2006.01)
G11B 27/036 (2006.01)

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A61B 18/14 (2006.01)
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C07K 16/46 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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G06F 21/32 (2013.01)
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G06Q 10/02 (2012.01)
G06Q 10/08 (2012.01)
G06Q 50/30 (2012.01)
G08G 1/00 (2006.01)
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H04M 3/22 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06N 20/10 (2019.01)
H04B 3/46 (2015.01)
H04L 12/64 (2006.01)
H04L 25/02 (2006.01)
H04M 3/30 (2006.01)
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A23L 2/52 (2006.01)
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C12Q 1/68 (2018.01)
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C07K 14/705 (2006.01)
C12N 9/64 (2006.01)
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C07J 43/00 (2006.01)
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C07J 1/00 (2006.01)
A61K 31/565 (2006.01)
A61K 31/567 (2006.01)
A61K 31/58 (2006.01)
C07J 31/00 (2006.01)
C07J 33/00 (2006.01)
C07J 41/00 (2006.01)
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(11) AU-A-2021201937
(21) 2021201937 **(22)** 29.03.2021
(54) Lighting device with ambient light sensor
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H05B 45/10 (2020.01)
F21L 4/00 (2006.01)
F21V 23/04 (2006.01)

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G06T 7/70 (2017.01)
A01B 69/00 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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G06Q 40/04 (2012.01)
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(54) WASTE MANAGEMENT AND PROCESSING SYSTEM
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C05F 17/90 (2020.01)
B09B 3/00 (2006.01)
C05F 17/20 (2020.01)
G01G 19/40 (2006.01)
G06K 9/62 (2006.01)
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G05B 23/02 (2006.01)
G08C 17/02 (2006.01)

H02G 3/04 (2006.01)
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A01H 6/34 (2018.01)
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G06Q 10/10 (2012.01)
G06Q 30/04 (2012.01)
G07C 1/00 (2006.01)
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(54) SYSTEM AND METHOD FOR TRACKING EXPENSES AND BILLING
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G06F 17/40 (2006.01)
G06Q 20/14 (2012.01)
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A47J 31/00 (2006.01)
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(54) System and method for measuring torque and angle
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B25B 23/159 (2006.01)
B25B 23/142 (2006.01)
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A23L 7/10 (2016.01)
A23G 3/34 (2006.01)
A23G 3/48 (2006.01)
A23P 20/10 (2016.01)
A23P 20/20 (2016.01)
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(11) AU-A-2021201931
(21) 2021201931 (22) 28.03.2021
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(51) Int. Cl.
H04N 19/50 (2014.01)
H04N 19/102 (2014.01)
H04N 19/115 (2014.01)
H04N 19/126 (2014.01)
H04N 19/134 (2014.01)
H04N 19/136 (2014.01)
H04N 19/137 (2014.01)
H04N 19/147 (2014.01)
H04N 19/152 (2014.01)
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H04N 19/61 (2014.01)
H04N 19/625 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)
H04N 19/91 (2014.01)
(43) 29.04.2021
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(72) KONDO, Kenji
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(11) AU-A-2020201467
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(54) Permanent magnet outer rotor hoist
(51) Int. Cl.
H02K 1/28 (2006.01)
B66B 11/04 (2006.01)
B66B 15/08 (2006.01)
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H04L 1/00 (2006.01)
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G08B 19/00 (2006.01)
B60W 50/00 (2006.01)
G05B 19/048 (2006.01)
G08B 3/10 (2006.01)
G08B 5/22 (2006.01)
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C08H 8/00 (2010.01)
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B60J 7/10 (2006.01)
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(74) mdp Patent and Trade Mark Attorneys

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(51) Int. Cl.
A61K 39/00 (2006.01)
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CENTRE NATIONAL DE LA RECHER-
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CURIE; ABIVAX
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(54) QUINOLINE DERIVATIVES FOR THE
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(51) Int. Cl.
C07D 215/38 (2006.01)
A61K 31/47 (2006.01)
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(54) PORTABLE MOLECULAR DIAGNOSTIC
DEVICE AND METHODS FOR THE
DETECTION OF TARGET VIRUSES
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C05F 17/00 (2020.01)
A01K 67/033 (2006.01)
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(72) Symmons, Jennifer Anne
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(71) Wellen Pty Ltd
(11) AU-A-2020256374
(21) 2020256374 (22) 14.10.2020
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AND BLANK FOR FORMING SAME
(51) Int. Cl.
B65D 5/06 (2006.01)
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(72) BOVA, Frank
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(71) Werner Co.
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(54) Multipurpose Ladder and Method
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E06C 1/22 (2006.01)
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staging locations
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James; VELEZ, Scott; PRAGER, An-
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(74) Spruson & Ferguson

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(11) AU-A-2021202061
(21) 2021202061 (22) 01.04.2021
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and tumor antigens
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
C07K 16/30 (2006.01)
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mana; Muchhal, Umesh; Lee, Sung-Hy-
ung
(74) Davies Collison Cave Pty Ltd

(71) Yoshino Gypsum Co., Ltd.
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(21) 2021202091 (22) 06.04.2021
(54) Interior building materials
(51) Int. Cl.
E04F 13/08 (2006.01)
E04F 13/12 (2006.01)
E04F 13/14 (2006.01)
(43) 29.04.2021
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(72) Yokoyama, Itaru.; Watanabe, Ken,
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(71) Zebra Technologies Corporation
(11) AU-A-2021202011
(21) 2021202011 (22) 31.03.2021
(54) Method, apparatus, and computer pro-
gram product improving real time loca-
tion systems with multiple location tech-
nologies
(51) Int. Cl.
G01S 5/02 (2010.01)
G06K 7/10 (2006.01)
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(72) HUGHES, John K.; O'HAGAN, James
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 (54) SOFT TISSUE BALANCING IN ARTIC-
 ULAR SURGERY
 (51) Int. Cl.
 A61B 34/30 (2016.01)
 A61B 5/00 (2006.01)
 A61B 17/16 (2006.01)
 A61B 17/56 (2006.01)
 A61B 17/88 (2006.01)
 A61B 34/10 (2016.01)
 A61B 34/20 (2016.01)
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(45) 29.04.2021
(72) Bhattacharyya, Nayan Kamal; Biswas, Soumya Kanti; Sharma, Ramesh; Basnet, Parita
(74) Soumya Kanti Biswas

Bhattacharyya, S. see Panda, R.C.
(21) 2021101099

Bhoi, A.K. see A, A.
(21) 2021100895

Bhusare, G.N. see Ratnesh, K.
(21) 2021101039

Binoj, J. see Vaddempudi, K.R.
(21) 2021101013

Biswas, S.K. see Bhattacharyya, N.
(21) 2021100320

Bodkhe, U. see Verma, A.
(21) 2021101071

Bohra, B.S. see Sahoo, N.G.
(21) 2021100549

Bokhari, M.U. see Alam, S.
(21) 2021100435

B V, B. see M, A.
(21) 2021100959

Byreddy, N. see Thota, S.
(21) 2021101117

- (71) Cancer Hospital of Tianjin Medical University
(11) AU-A-2021101054
(21) 2021101054 (22) 26.02.2021

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(54) Method for Efficiently Separating Neutrophils from Human Solid Tumors
(51) Int. Cl.
C12Q 1/37 (2006.01)
G01N 33/50 (2006.01)
G01N 33/569 (2006.01)
G01N 15/14 (2006.01)
(45) 29.04.2021
(72) Jin, Xun; Xu, Xing
(74) Alder IP Pty Ltd

(71) Capital University Of Physical Education And Sports
(11) AU-A-2021100144
(21) 2021100144 (22) 11.01.2021
(54) Human Nutrition Analysis and Detection System Based on Big Data
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/107 (2006.01)
A61B 5/1171 (2016.01)
A61B 5/1172 (2016.01)
G16H 20/60 (2018.01)
A61B 5/145 (2006.01)
(45) 29.04.2021
(72) Wu, Hao
(74) Madderns Pty Ltd

(71) CCTEG Chongqing Research Institute Co., Ltd
(11) AU-A-2021101093
(21) 2021101093 (22) 01.03.2021
(54) Hydraulic Cutting Drill Hole Cinder Conveying and Separating Device
(51) Int. Cl.
E21B 43/34 (2006.01)
E21B 7/18 (2006.01)
E21B 21/06 (2006.01)
(31) CN202110004028.2(32) 04.01.21 (33) CN
(45) 29.04.2021
(72) Zhang, Yongjiang; Guo, Lindong; Zhao, Xusheng; Lu, Zhanjin; Li, Chengcheng; Niu, Xingang; Xu, Zunyu; Huang, Zhenfei; Ji, Fei; Yuan, Benqing; Liu, Yong-san; Li, Shuai; Liu, Huaifu
(74) TIDY TEND GLOBAL PTY LTD

(71) Central South University
(11) AU-A-2021100534
(21) 2021100534 (22) 28.01.2021
(54) METHOD FOR FORMING LARGE-CURVATURE INTEGRAL ALUMINUM COMPONENT
(51) Int. Cl.
B21D 26/027 (2011.01)
B21D 26/029 (2011.01)
C22F 1/02 (2006.01)
C22F 1/04 (2006.01)
B21D 26/031 (2011.01)
B21D 53/00 (2006.01)
C22F 1/00 (2006.01)
(45) 29.04.2021
(72) ZHAN, Lihua; XU, Yongqian; ZHOU, Shijie; ZHU, Shiqiang; LI, Jie; WANG, Meng; YANG, Youliang; FENG, Jingwen
(74) FAL PATENTS PTY LTD

(71) Centratch Systems PTY LTD
(11) AU-A-2021100900
(21) 2021100900 (22) 16.02.2021
(54) UNIVERSAL HARDWARE RF I.O.T CONNECTION : This invention allows the IOT hardware apparatus to provides the IOT RAW data to any server or cloud system. The one hardware platform can connect to server or cloud via pluggable hardware modules for 2G, 3G, 4G, 5G and Satellite communications world wide. The universal SMA connector can connector to different Types and Frequencies of Antennas or Aerials .
(51) Int. Cl.
H01P 5/12 (2006.01)
H04B 1/02 (2006.01)
H04B 1/06 (2006.01)
H04W 88/06 (2009.01)
(45) 29.04.2021
(72) Freedman, Richard
(74) Centratch Systems PTY LTD

Chahal, D. see Kumar, N.
(21) 2021100892

Chakrabarti, T. see R, V.
(21) 2021100913

Chakrabarti, P. see R, V.
(21) 2021100913

Chakrabarti, T. see Laxkar, P.
(21) 2021100964

Chakrabarti, T. see Ratnesh, K.
(21) 2021101039

Chakrabarti, P. see Ratnesh, K.
(21) 2021101039

Chakrabarti, T. see SARAVANAN, A.
(21) 2021101041

Chakrabarti, P. see SARAVANAN, A.
(21) 2021101041

Chandanan, A.K. see Patra, R.K.
(21) 2021101077

Chande, M.K. see Patra, R.K.
(21) 2021101077

Chandraprabha, M. see Sathyamoorthy, M.
(21) 2021100962

(71) CHANGSHA LVYE BIOTECHNOLOGY CO LTD
(11) AU-A-2021101065

(21) 2021101065 (22) 26.02.2021
(54) FEED ADDITIVE TO PROMOTE THE GROWTH OF SOWS AND PIGLETS AND APPLICATIONS
(51) Int. Cl.
A23K 10/30 (2016.01)
A23K 20/142 (2016.01)
A23K 50/30 (2016.01)
(31) CN202010545003.9(32) 15.06.20 (33) CN
(45) 29.04.2021
(72) HE, LIUQIN; LI, TIEJUN; FENG, YAN-ZHONG; TANG, WENJIE; YIN, YU-LONG; LI, JIANZHONG; WANG, SHENGPING; HE, XINGGUO
(74) Ran Tao

(71) Changsha University of Science & Technology
(11) AU-A-2020104416
(21) 2020104416 (22) 25.05.2020
(54) Method for preparing whole grain rice noodles
(51) Int. Cl.
A23P 10/25 (2016.01)
A23L 7/148 (2016.01)
A23L 29/00 (2016.01)
(31) 201910634975.2 (32) 15.07.19 (33) CN
(45) 29.04.2021
(72) Yi, Cuiping; LIU, Yang; ZHU, Hong
(74) Armour IP Pty Ltd

CHATTERJEE, P. see Sathyamoorthy, M.
(21) 2021100962

Chaturvedi, V. see Garg, A.
(21) 2021101097

Chaudhary, S. see Geetha, S.
(21) 2021100986

CHAVAN, S. see RUDRAPATI, R.
(21) 2021100384

CHEEMA, P.S. see PARANJYOTHI PATHI PATHI, J.
(21) 2021101079

Chhabra, G.S. see Garg, A.
(21) 2021101097

Chhawchharia, P. see R, V.
(21) 2021100913

China Coal Technology Engineering Group Chongqing Research Institute see Huaibei Coal Co., Ltd.
(21) 2021100934

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(21) 2021100935

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(21) 2021100936

(71) China National Institute of Standardization

(11) AU-A-2021100974

(21) 2021100974 (22) 22.02.2021

(54) Method for Preparing High-Purity Troponomyosin from Shrimp Muscle Tissues

(51) Int. Cl.
C07K 14/435 (2006.01)
C07K 1/12 (2006.01)
C07K 1/18 (2006.01)
C07K 1/36 (2006.01)
A61K 35/612 (2015.01)
B01D 15/36 (2006.01)

(45) 29.04.2021

(72) Wu, Qi; Zhao, Lin; Yun, Zhenyu; Wu, Xi

(74) PATENTS AU PTY LTD

(71) China Three Gorges University

(11) AU-A-2021101024

(21) 2021101024 (22) 24.02.2021

(54) A Method For The Fireproof Sealing Detection Of Cable Shaft At Room Temperature

(51) Int. Cl.
G01M 99/00 (2011.01)
G06F 30/28 (2020.01)

(45) 29.04.2021

(72) LIU, Yong; LI, Wu; DENG, Yuwei

(74) WRAYS PTY LTD

(71) China Three Gorges University

(11) AU-A-2021101025

(21) 2021101025 (22) 24.02.2021

(54) Drone Rescue Device And Method Based On Acoustic Wave Positioning

(51) Int. Cl.
G08B 1/00 (2006.01)
B64C 39/02 (2006.01)
G01S 5/00 (2006.01)
G01S 15/06 (2006.01)
G08B 21/02 (2006.01)
G08B 23/00 (2006.01)
H04R 1/40 (2006.01)

(45) 29.04.2021

(72) LIU, Yong; DENG, Yuwei; GONG, Guoqiang; LI, Wu; HUANG, Jun

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(21) 2021101068

Chordiya, S.B. see Tyagi, A.K.

(21) 2021101069

Chordiya, S.B. see Pandya, I.Y.

(21) 2021101072

Choudhary, A. see Sharma, D.

(21) 2021100893

(71) Choudhary, S.; Rani, S.; Deepkiran, M.; Singh, S.; Kumar, B.; Raghuwanshi, S.; Singh, R.K.; Tyagi, P.

(11) AU-A-2021100920

(21) 2021100920 (22) 18.02.2021

(54) Intelligent Pen Drive* : Highest Data Security (Auto data share your Gmail & Link share your mobile No) Using AI-Based Programming

(51) Int. Cl.
G06F 9/4401 (2018.01)
G06F 3/16 (2006.01)
G06F 13/10 (2006.01)
G06F 40/20 (2020.01)
G06N 20/00 (2019.01)
H04L 12/58 (2006.01)
G06Q 10/02 (2012.01)
G06Q 30/06 (2012.01)
G06Q 50/10 (2012.01)

(45) 29.04.2021

(72) Choudhary, Shweta; Rani, Sunita; Deepkiran, Ms.; Singh, Samender; Kumar, Bhupendra; Raghuwanshi, Sudhasnhu; Singh, Rajesh Kumar; Tyagi, Pardeep

(74) Shweta Choudhary

Choudhry, R. see Sharma, D.

(21) 2021100893

Choudhury, N.B.D. see Rajendar, G.

(21) 2021101068

CHOWDARY, V.L. see RUDRAPATI, R.

(21) 2021100384

CHOWDARY, N.N. see Reddy, R.

(21) 2021101076

Chowdhury, M.R. see Patro, P.

(21) 2021100314

Chowdhury, A.R. see Banerjee, D.

(21) 2021100741

(71) Closed Loop Environmental Solutions Pty Ltd

(11) AU-A-2021100991

(21) 2021100991 (22) 23.02.2021

(54) Food Container

(51) Int. Cl.
B65D 43/16 (2006.01)
B65D 5/00 (2006.01)
B65D 5/66 (2006.01)
B65D 5/42 (2006.01)

(45) 29.04.2021

(72) Chan, Cheuk Ki

(74) mdp Patent and Trade Mark Attorneys

(71) Collins, J.

(11) AU-A-2021100916

(21) 2021100916 (22) 18.02.2021

(54) A TOPICAL SANITISING COMPOSITION FOR FEMALE POST-INTIMACY EXPERIENCE AND METHOD OF APPLYING SAME

(51) Int. Cl.
A61K 36/28 (2006.01)
A61K 9/00 (2006.01)
A61K 36/42 (2006.01)
A61K 36/63 (2006.01)
A61K 36/886 (2006.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61P 17/00 (2006.01)
A61P 31/00 (2006.01)
A61Q 19/10 (2006.01)

(31) 2020901321 (32) 27.04.20 (33) AU

(45) 29.04.2021

(72) Collins, Jennah

(74) MARTIN IP PTY LTD

Computational Aerodynamics Institute of China Aerodynamics Research and Development Center see Southwest University of Science and Technology

(21) 2021101102

(71) CSR Building Products Limited

(11) AU-A-2021101063

(21) 2021101063 (22) 26.02.2021

(54) Coloured Fibre-Cement Panels

(51) Int. Cl.
B28B 1/52 (2006.01)
C04B 14/02 (2006.01)
C04B 18/24 (2006.01)
C04B 28/04 (2006.01)
E04C 2/04 (2006.01)
B28C 5/10 (2006.01)
B28C 5/12 (2006.01)
B28C 5/40 (2006.01)
B28C 7/00 (2006.01)
B28C 7/04 (2006.01)
B28C 7/06 (2006.01)
E04C 2/16 (2006.01)
E04C 2/26 (2006.01)
E04F 13/072 (2006.01)
C04B 103/54 (2006.01)
C04B 111/00 (2006.01)

(31) 2020900556 (32) 26.02.20 (33) AU

(45) 29.04.2021

(72) WONG, Ling Meng

(74) Griffith Hack

CUI, J. see TIAN, Z.

(21) 2021101022

(71) C W F HAMILTON & CO LIMITED

(11) AU-A-2021100933

(21) 2021100933 (22) 19.02.2021

(54) MARINE VESSEL FENDER AND CONTROL SYSTEM

(51) Int. Cl.
B63H 25/46 (2006.01)

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B63B 79/10 (2020.01)
B63H 25/42 (2006.01)
G01L 5/1627 (2020.01)
G01L 5/22 (2006.01)
B63H 11/10 (2006.01)
B63H 11/11 (2006.01)
B63H 11/117 (2006.01)
G01L 5/00 (2006.01)
(31) 771252 **(32)** 17.12.20 **(33)** NZ
(45) 29.04.2021
(72) JOHANSSON, Christopher William;
MÜLLER DE OLIVEIRA, Diego; REED,
Benjamin Elliot
(74) AJ PARK

(71) CYCLINGDEAL USA, INC.
(11) AU-A-2021100944
(21) 2021100944 **(22)** 19.02.2021
(54) ADAPTOR FOR BICYCLE SHOES
(51) Int. Cl.
A43B 5/14 (2006.01)
A43C 15/02 (2006.01)
(45) 29.04.2021
(72) GU, HAIDONG
(74) LESICAR MAYNARD ANDREWS PTY LTD

D, L. see Panda, R.C.
(21) 2021101099

Daid, R. see Kumar, Y.
(21) 2021101011

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(21) 2021100930

(71) Daqing Normal University
(11) AU-A-2021101057
(21) 2021101057 **(22)** 26.02.2021
(54) Portable educational teaching display device
(51) Int. Cl.
G09B 5/02 (2006.01)
(31) 2020230034366 **(32)** 14.12.20 **(33)** CN
(45) 29.04.2021
(72) Zhang, Jinqiu
(74) PATENTS AU PTY LTD

(71) Dargan, S.; Kumar, M.; Garg, A.; Amrita, M.
(11) AU-A-2021101078
(21) 2021101078 **(22)** 28.02.2021
(54) A METHOD FOR GENDER CLASSIFICATION BASED ON OFFLINE HANDWRITING AND A SYSTEM THEREOF
(51) Int. Cl.
G06K 9/00 (2006.01)
G06K 9/46 (2006.01)
G06K 9/62 (2006.01)
G06T 7/136 (2017.01)
G06T 7/181 (2017.01)
G06T 7/194 (2017.01)

(45) 29.04.2021
(72) Dargan, Shaveta; Kumar, Munish;
Garg, Anupam; Amrita, Ms.
(74) Shaveta Dargan

Dash, A.K. see Patro, P.
(21) 2021100314

Dass, B. see Patra, R.K.
(21) 2021101077

(71) Decoview Pty Ltd
(11) AU-A-2021101001
(21) 2021101001 **(22)** 23.02.2021
(54) PANELS FOR FENCING AND FENCING
(51) Int. Cl.
E04H 17/16 (2006.01)
E04H 17/14 (2006.01)
E04H 4/06 (2006.01)
E04H 4/14 (2006.01)
(45) 29.04.2021
(72) BROWN, Jason; BOND, Jay
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Deepak, K. see Rajendar, G.
(21) 2021101068

Deepkiran, M. see Choudhary, S.
(21) 2021100920

Dei, G. see Pradhan, A.
(21) 2021101066

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(21) 2021101071

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(21) 2021100988

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(21) 2021100922

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(21) 2021101071

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(21) 2021100549

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(21) 2021100550

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(21) 2021100552

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(21) 2021100962

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(21) 2021100952

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(21) 2021101011

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(21) 2021101041

Dongying Qingdao Agricultural University Saline-alkali Land High Efficiency Agricultural Technology Industry see Qingdao Agricultural University
(21) 2021101043

(71) DSM IP Assets B.V.
(11) AU-A-2021100940
(21) 2021100940 **(22)** 19.02.2021
(54) FORMULATIONS FOR IMPROVING GUT HEALTH
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/015 (2006.01)
A61K 31/07 (2006.01)
A61K 31/122 (2006.01)
A61K 31/197 (2006.01)
A61K 31/202 (2006.01)
A61K 31/355 (2006.01)
A61K 31/375 (2006.01)
A61K 31/4188 (2006.01)
A61K 31/4415 (2006.01)
A61K 31/455 (2006.01)
A61K 31/51 (2006.01)
A61K 31/519 (2006.01)
A61K 31/525 (2006.01)
A61K 31/593 (2006.01)
A61K 31/714 (2006.01)
A61P 3/02 (2006.01)

(45) 29.04.2021
(62) 2019328475
(72) Bruins, Maaike Johanna; Fehlbaum, Sophie; Pham, Thanh-Van; Prudence, Kevin; Steinert, Robert; Celi, Pietro; Litta, Gilberto; Perez Calvo, Estefania; Sybesma, Wilbert
(74) Phillips Ormonde Fitzpatrick

Dubey, A.K. see Kumar, N.
(21) 2021100892

DWARAKANATH, B. see M, A.
(21) 2021100959

Dwivedi, S. see Usman, M.R.M.
(21) 2021100957

(71) East China University of Technology
(11) AU-A-2021101049
(21) 2021101049 **(22)** 26.02.2021

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(54) MODEL DEVICE FOR POLLUTANT DISPERSION IN POLLUTED SOIL
(51) Int. Cl.
G01N 33/24 (2006.01)
G01N 1/28 (2006.01)
G01N 15/06 (2006.01)
(45) 29.04.2021
(72) Zhang, Chaochao; Li, Dongwei; Wu, Bo; Chen, Ximao; Wang, Shengtao; Yang, Jianxin; Yang, Zhongjie; Deng, Dunyi; Zhang, Fulin; Cai, Junhua; Lin, Jianzhong; Peng, Xiaobing; Wei, Zhiyuan; Zeng, Masun
(74) Remarkable IP

(71) East China University of Technology
(11) AU-A-2021101052
(21) 2021101052 (22) 26.02.2021
(54) CLASSIFIED STEPWISE ATTENUATION TREATMENT DEVICE FOR SOLID RADIOACTIVE WASTES
(51) Int. Cl.
G21F 7/047 (2006.01)
G21F 5/005 (2006.01)
G21F 5/06 (2006.01)
G21F 9/30 (2006.01)
G21F 9/34 (2006.01)
(45) 29.04.2021
(72) Zhang, Chaochao; Li, Dongwei; Wu, Bo; Lin, Jianzhong; Fan, Dequan; Peng, Xiaobing; Shi, Lei; Lou, Peijie; Wang, Shengtao; Yang, Zhongjie; Zhang, Fulin; Huang, Yuren; He, Shan; Zeng, Masun
(74) Remarkable IP

(71) eslick, r.; Eslick, L.
(11) AU-A-2021101080
(21) 2021101080 (22) 01.03.2021
(54) Multi Purpose Cartridge Tube Spout Cutting - Tool
(51) Int. Cl.
B26B 13/00 (2006.01)
B23D 21/06 (2006.01)
(45) 29.04.2021
(72) Eslick, Ronald; Eslick, Leslie
(74) ronald eslick

Eslick, L. see eslick, r.
(21) 2021101080

(71) Face Safe Holdings Pty Ltd
(11) AU-A-2021100972
(21) 2021100972 (22) 22.02.2021
(54) A safety apparatus for use in longwall mining
(51) Int. Cl.
E21D 19/02 (2006.01)
E21D 23/00 (2006.01)
E21D 23/03 (2006.01)
(45) 29.04.2021
(72) Riley, Benjamin John
(74) Michael Buck IP

(71) Fine Forge Industry Corporation
(11) AU-A-2021100956

(21) 2021100956 (22) 20.02.2021
(54) Detachment-Preventive Adaptor Socket
(51) Int. Cl.
B25B 13/06 (2006.01)
B25B 23/00 (2006.01)
(31) 109139579 (32) 12.11.20 (33) TW
(45) 29.04.2021
(72) PENG, Wen-Han
(74) A.P.T. Patent and Trade Mark Attorneys

First Construction Co., Ltd., China Construction Seventh Engineering Division Corp. Ltd. see Hebei GEO University
(21) 2021101050

G, A.P. see A, A.
(21) 2021100895

Gambhir, M. see Gambhir, G.
(21) 2021100948

(71) Gambhir, G.; Gambhir, M.; Mandal, J.K.
(11) AU-A-2021100948
(21) 2021100948 (22) 19.02.2021
(54) ENHANCING CYBER SECURITY USING HIGH SPEED HYBRID AUTHENTICATION TECHNIQUE
(51) Int. Cl.
H04L 9/06 (2006.01)
G09C 1/02 (2006.01)
G09C 5/00 (2006.01)
G06F 7/58 (2006.01)
G06T 1/00 (2006.01)
H04L 9/00 (2006.01)
H04N 19/467 (2014.01)
(45) 29.04.2021
(72) Gambhir, Gaurav; Gambhir, Monika; Mandal, J. K.
(74) Gaurav Gambhir

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(21) 2021100962

GANJI, V. see RUDRAPATI, R.
(21) 2021100384

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(21) 2021101078

(71) Garg, A.; Chaturvedi, V.; Varshney, V.; Kaur, A.; Parashar, A.; Kumar, M.; Chhabra, G.S.; Amrita, M.; Tanya, M.
(11) AU-A-2021101097
(21) 2021101097 (22) 02.03.2021
(54) A SYSTEM AND METHOD FOR AUTOMATIC PLAYLIST GENERATION BY ANALYSING HUMAN EMOTIONS THROUGH PHYSIOLOGICAL SIGNALS
(51) Int. Cl.
G06F 16/635 (2019.01)
G06F 16/638 (2019.01)

A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/024 (2006.01)
A61B 5/0533 (2021.01)
A61B 5/16 (2006.01)
A61B 5/346 (2021.01)
A61B 5/372 (2021.01)
A61M 21/00 (2006.01)
A61M 21/02 (2006.01)
G06N 20/00 (2019.01)

(45) 29.04.2021
(72) Garg, Anupam; Chaturvedi, Vybhav; Varshney, Vedansh; Kaur, Armanbeer; Parashar, Anshu; Kumar, Munish; Chhabra, Gurpal Singh; Amrita, Ms.; Tanya, Ms.
(74) Anupam Garg

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(21) 2021101099

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(71) GEDAM, R.; Daniel, D.A.P.; Toomula, S.; Yadav, A.S.; Sharma, V.; Kumar, S.; Somasekhar, T.; Reddy, P.N.K.; Loganathan, S.; Perumal, K.
(11) AU-A-2021100930
(21) 2021100930 (22) 19.02.2021
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(51) Int. Cl.
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(21) 2021100986 (22) 23.02.2021
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A61B 5/318 (2021.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
G08B 21/04 (2006.01)
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G16Y 20/40 (2020.01)
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A01G 22/55 (2018.01)
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H01Q 1/38 (2006.01)
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H01Q 15/00 (2006.01)
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G06N 3/00 (2006.01)
G06F 30/27 (2020.01)
H04B 7/024 (2017.01)
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H04W 16/10 (2009.01)
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F24F 7/10 (2006.01)
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(51) Int. Cl.
B02C 13/18 (2006.01)
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C01B 3/02 (2006.01)
B02C 13/286 (2006.01)
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(74) Origin Patent and Trade Mark Attorneys

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C08K 11/00 (2006.01)
C05F 5/00 (2006.01)
C05G 5/18 (2020.01)
C08J 3/075 (2006.01)
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G06Q 10/06 (2012.01)
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B62B 1/08 (2006.01)
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(51) Int. Cl.
E21F 7/00 (2006.01)
E21B 43/26 (2006.01)
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E21B 7/04 (2006.01)
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B60L 1/00 (2006.01)
H02J 7/00 (2006.01)
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H02M 3/07 (2006.01)
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H04L 12/28 (2006.01)
G08B 13/191 (2006.01)
G08C 17/02 (2006.01)
H04W 4/38 (2018.01)
E05B 47/00 (2006.01)
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(54) A PEDV Impedance Immunobiosensor and Its Preparation Method and Application
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G01N 27/02 (2006.01)
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A23L 13/50 (2016.01)
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(74) Origin Patent and Trade Mark Attorneys
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(54) BACILLUS ATROPHAEUS DX-9 AND APPLICATIONS THEREOF
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C12N 1/20 (2006.01)
A01N 63/22 (2020.01)
A01P 1/00 (2006.01)
C12R 1/125 (2006.01)
(31) 2021100306430 (32) 11.01.21 (33) CN
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(21) 2021100990 (22) 23.02.2021
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C12Q 1/6869 (2018.01)
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(51) Int. Cl.

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(74) MINTER ELLISON

(71) International Center for Bamboo and
Rattan
(11) AU-A-2021100997
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(54) Outdoor Bamboo Assembly Type
Double-Spliced Beam Column Struc-
ture and Assembly Method and Applic-
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(51) Int. Cl.
E04C 3/36 (2006.01)
E04H 1/12 (2006.01)
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(72) Chen, Fuming; Li, Deyue; Wang, Ge
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Rattan
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(54) Raw Bamboo Table Clock
(51) Int. Cl.
G04B 37/22 (2006.01)
G04G 17/08 (2006.01)
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(51) Int. Cl.
G10D 1/08 (2006.01)
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(11) AU-A-2021100801
(21) 2021100801 **(22)** 09.02.2021
(54) An integrated combined sewage dis-
posal reactor of UCT process
(51) Int. Cl.
C02F 3/28 (2006.01)
F01M 11/04 (2006.01)
C02F 1/00 (2006.01)
C02F 101/10 (2006.01)
C02F 101/16 (2006.01)
(45) 29.04.2021
(72) FAN, Rongliang; LIU, Xikun; LIU,
Hongxia; ZHAO, Chuanyi; SUN, Xiao-
hu; LIANG, Zhi
(74) WRAYS PTY LTD

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tural Technology
(11) AU-A-2021100860
(21) 2021100860 **(22)** 11.02.2021
(54) A type of device for realizing short-cut
nitrification by using UCT process
(51) Int. Cl.
C02F 3/30 (2006.01)
C02F 1/00 (2006.01)
C02F 11/121 (2019.01)
C02F 101/16 (2006.01)
(45) 29.04.2021
(72) FAN, Rongliang; LIU, Xikun; LIU,
Hongxia; ZHAO, Chuanyi; SUN, Xiao-
hu; LIANG, Zhi
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tural Technology
(11) AU-A-2021100866
(21) 2021100866 **(22)** 12.02.2021
(54) A treatment device for high nitrate nitro-
gen wastewater
(51) Int. Cl.
C02F 1/461 (2006.01)

B01F 7/16 (2006.01)
B04B 5/10 (2006.01)
C02F 1/66 (2006.01)
C02F 1/00 (2006.01)
C02F 101/16 (2006.01)
(45) 29.04.2021
(72) LIU, Xikun; ZHAO, Chuanyi; ZHAO,
Xiaofeng; WANG, Xiao; ZHANG, Wen;
LIANG, Zhi
(74) WRAYS PTY LTD

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tural Technology
(11) AU-A-2021100897
(21) 2021100897 **(22)** 16.02.2021
(54) A type of oxygen aeration device for
treating high nitrate nitrogen wastewa-
ter
(51) Int. Cl.
B01F 3/04 (2006.01)
C02F 1/74 (2006.01)
C02F 101/16 (2006.01)
(45) 29.04.2021
(72) LIU, Xikun; ZHAO, Chuanyi; ZHAO,
Xiaofeng; WANG, Xiao; ZHANG, Wen;
LIANG, Zhi
(74) WRAYS PTY LTD

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tural Technology
(11) AU-A-2021100898
(21) 2021100898 **(22)** 16.02.2021
(54) A cleaning device used in high nitrate
nitrogen wastewater treatment tank
(51) Int. Cl.
C02F 1/28 (2006.01)
B62D 57/032 (2006.01)
G05B 19/06 (2006.01)
G08C 17/02 (2006.01)
G05D 1/00 (2006.01)
C02F 101/16 (2006.01)
(45) 29.04.2021
(72) LIU, Xikun; ZHAO, Chuanyi; ZHAO,
Xiaofeng; WANG, Xiao; ZHANG, Wen;
LIANG, Zhi
(74) WRAYS PTY LTD

(71) Jiangxi University of Science and Tech-
nology; New Yuwei Forging Co. LTD
(11) AU-A-2020102255
(21) 2020102255 **(22)** 15.09.2020
(54) High-performance rare-earth tool steel
and manufacturing method thereof
(51) Int. Cl.
C22C 38/00 (2006.01)
(31) 201910915131.5 **(32)** 26.09.19 **(33)** CN
(45) 29.04.2021
(72) Lai, Chaobin; Xie, Zhengyun; Zhang,
Zhenming; Gao, Jie; Fu, Yu; Jiang, Xin;
Yang, Xiaogang; Qin, Jing; Luo, Diqi-
ang; Lai, Ziyi; Li, Jie; Zheng, Xiaonan;
Huang, Wei; Xie, Kegui; Ye, Mingqing;
Chu, Xiliang; Fu, Chunping
(74) Shelston IP Pty Ltd.

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(21) 2021100926

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(71) Lanzhou University (11) AU-A-2021100147 (21) 2021100147 (22) 11.01.2021 (54) Multifunctional Silage Corn Fertilization Device (51) Int. Cl. A01C 21/00 (2006.01) A01C 15/02 (2006.01) A01C 15/10 (2006.01) (45) 29.04.2021 (72) Jia, Qianmin; Shi, Wei; Hou, Fujiang; Chang, Shenghua (74) Madderns Pty Ltd	M, S. see A, A.	Mandal, S. see SARAVANAN, A. (21) 2021101041
(71) Laserforce International Pty Ltd (11) AU-A-2021100682 (21) 2021100682 (22) 03.02.2021 (54) Redemption points method and system for laser-tag games (51) Int. Cl. A63F 9/24 (2006.01) A63F 9/02 (2006.01) (31) 2020900645 (32) 04.03.20 (33) AU (45) 29.04.2021 (72) Carton, Christopher Scott (74) Intellegro	M, S. see A, A.	Manohar, K. see Srivenkatesh, M. (21) 2021100988
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G06K 9/62 (2006.01)
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(72) Marriwala, Nikhil; Vohra, Anil; Sharma, Reena; Rathore, Deepak; Bachan, P.; Panda, Sunita; Anarase, Deepali Shantilal; Shanbhog, Manjula; Jodha, Rajshree; Bhandari, Rahul; Sampath, A. K.; Ghuge, Aditya Chandrakant; Panday, Krishna
(74) Nikhil Marriwala

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(71) Maxtrax Australia Pty Ltd
(11) AU-A-2021101088
(21) 2021101088 **(22)** 01.03.2021
(54) An automotive tow hitch device
(51) Int. Cl.
B60D 1/18 (2006.01)
B60D 1/02 (2006.01)
B60D 1/52 (2006.01)
B60D 1/58 (2006.01)
(45) 29.04.2021
(62) PCT/AU2019/051102
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(71) Mayerle, D.
(11) AU-A-2021100889
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(54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM
(51) Int. Cl.
A01F 12/44 (2006.01)
A01F 12/30 (2006.01)
(45) 29.04.2021
(62) 2021200395
(72) Mayerle, Dean
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Micheli, J.K.
(11) AU-A-2021101094
(21) 2021101094 **(22)** 01.03.2021
(54) REFUSE CONTAINER FOR SAFE STORAGE AND RECYCLING OF USED GOODS
(51) Int. Cl.
B65F 1/02 (2006.01)
B65D 43/14 (2006.01)
B65F 1/16 (2006.01)
H01M 6/52 (2006.01)
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(72) Micheli, Joanna Kathryn
(74) ADEPT IP PTY LTD

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(51) Int. Cl.
G06F 17/18 (2006.01)
G06T 7/136 (2017.01)
G06T 7/41 (2017.01)
G06T 7/60 (2017.01)
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(71) MONCRIEFF, P.W.
(11) AU-A-2021101033
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(54) ROAD SAFETY SYSTEM
(51) Int. Cl.
E01F 9/623 (2016.01)
E01F 9/646 (2016.01)
E01F 9/688 (2016.01)
E04H 12/22 (2006.01)
G09F 7/06 (2006.01)
G09F 7/14 (2006.01)
E01F 9/608 (2016.01)
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(72) MONCRIEFF, Phillip Wayne
(74) Elliptic Legal & Patent Services

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(71) Nanjing Chervon Industry Co., Ltd.
(11) AU-A-2021101087
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(54) BLOWER
(51) Int. Cl.
A01G 20/47 (2018.01)
E01H 1/08 (2006.01)
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(74) Madderns Pty Ltd

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(11) AU-A-2021100911
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(54) ATTACK TYPE ROTOR UNMANNED AERIAL VEHICLE CARRYING FIRE-ARM
(51) Int. Cl.
B64D 7/06 (2006.01)
B64C 39/02 (2006.01)
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(72) He, Cheng
(74) MOHAN MURALI KODIVEL

(71) NANJING FOREST POLICE COLLEGE
(11) AU-A-2021100912
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(54) SEMI-AUTOMATIC ATTACK TYPE POLICE INTELLIGENT ROTOR UNMANNED AERIAL VEHICLE
(51) Int. Cl.
B64D 7/04 (2006.01)
B64C 39/02 (2006.01)
G05D 1/00 (2006.01)
G05D 1/02 (2020.01)
H04N 5/33 (2006.01)
G08C 17/02 (2006.01)
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(72) He, Cheng
(74) MOHAN MURALI KODIVEL

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A62C 27/00 (2006.01)
A62C 3/02 (2006.01)
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(72) Liu, Kezhen; He, Cheng
(74) MOHAN MURALI KODIVEL

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A62C 27/00 (2006.01)
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A62C 99/00 (2010.01)
E02F 3/18 (2006.01)
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E02F 3/88 (2006.01)
E02F 3/92 (2006.01)
A62C 31/00 (2006.01)
A62C 31/28 (2006.01)
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(72) Liu, Kezhen; He, Cheng
(74) MOHAN MURALI KODIVEL

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(21) 2021101090

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(21) 2021100913

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A61B 5/01 (2006.01)
A41D 13/11 (2006.01)
A42B 1/04 (2021.01)
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(72) Nijhawan, Parag; Singh, Parminder; Sandhu, Amanpreet
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(71) North China University of Technology
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(54) A high-throughput method for preparing high volume fraction aluminum matrix composite by pressureless infiltration
(51) Int. Cl.
C22C 21/04 (2006.01)
B22F 3/00 (2021.01)
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(72) Cao, Leigang; Cui, Yan; Yang, Yue; Liu, Yuan
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(71) Northeast Agricultural University
(11) AU-A-2021100690
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(51) Int. Cl.
A23L 13/40 (2016.01)
A23B 4/033 (2006.01)
A23L 29/238 (2016.01)
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(54) An improved enzymatic method for measuring the degree of starch gelatinization in meat products
(51) Int. Cl.
C12Q 1/40 (2006.01)
C12Q 1/54 (2006.01)
G01N 33/10 (2006.01)
G01N 33/12 (2006.01)
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C12Q 1/26 (2006.01)
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(45) 29.04.2021
(72) Liu, Qian; Kong, Baohua; Xu, Jingxin; Feng, Yangyang; Sun, Fangda; Zhang, Hongwei; Han, Jianchun
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(54) Nurtured.Co Artificial Reef Technology
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A01K 61/70 (2017.01)
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(72) Sciacca, Curtis Concetto; Marshall, Daniel; Marshall, Jack; Sciacca, Luke Samuel; Leggo, Daniel Alexander; Bell, Peter
(74) NURTURED.CO PTY LTD

(71) ONETALK TECHNOLOGY PTY LTD
(11) AU-A-2021100970
(21) 2021100970 (22) 22.02.2021
(54) Talking posters lead to improvements with communication delivering simple messages in language. Combining visual and audio technology to deliver simple controlled messages breaks through cultural, personal restrictions limited literacy levels without relying on mains power or content upload. It will be recognised that the communication tool - whilst it has been created for Indigenous communities - can be applied to any non-english speaking group.

(51) Int. Cl.
G09F 27/00 (2006.01)
(45) 29.04.2021
(72) Lorimer, Anya
(74) ONETALK TECHNOLOGY PTY LTD

(71) P.C., S.; SHERIMON, V.; MATHEW, R.; M. KUMAR, S.; V. NAIR, R.; SHAIKH, K.; AL GHAFRI, H.K.; L SHUAILY, H.S.A.
(11) AU-A-2021101034
(21) 2021101034 (22) 25.02.2021
(54) USING CLINICAL ONTOLOGIES TO BUILD KNOWLEDGE BASED CLINICAL DECISION SUPPORT SYSTEM FOR NOVEL CORONAVIRUS (COVID-19) WITH THE ADOPTION OF TELECONFERENCING FOR THE PRIMARY HEALTH CENTRES/SATELLITE CLINICS OF ROYAL OMAN POLICE IN SULTANATE OF OMAN
(51) Int. Cl.
G16H 50/30 (2018.01)
G16H 50/20 (2018.01)
G16H 80/00 (2018.01)
(45) 29.04.2021
(72) P.C., SHERIMON; SHERIMON, VINU; MATHEW, RENCHI; M. KUMAR, SANDEEP; V. NAIR, RAHUL; SHAIKH, KHALID; AL GHAFRI, HILAL KHALID; L SHUAILY, HUDA SALIM A.
(74) Blessen Skariah Thomas

P. T., A. see M M, R.
(21) 2021100952

Pal, A. see Banerjee, D.
(21) 2021100741

Pal, S. see Panda, R.C.
(21) 2021100922

Pallathadka, H. see Sharma, D.
(21) 2021100893

Pallathadka, H. see Thakur, N.V.
(21) 2021101012

Innovation Patents Open to Public Inspection - Name Index cont'd

(71) Panda, R.C.; Mishra, V.; Rakshit, P.; Devi V, A.; Kulshreshtha, S.; Shukla, P.K.; Rameshwar, R.; Rajput, N.S.; Parashar, A.; Pal, S.; Bhattacharya, S.; Rath, K.C.; Samanta, L.D.

(11) AU-A-2021100922

(21) 2021100922 (22) 18.02.2021

(54) Inexpensive Nail-fold Capillaroscopy for Early Detection of Cardio-Metabolic Disease

(51) Int. Cl.

G02B 21/00 (2006.01)

A61B 5/00 (2006.01)

A61B 5/026 (2006.01)

(45) 29.04.2021

(72) Panda, Ramesh Chandra; Mishra, Vinaytosh; Rakshit, Pranati; Devi V., Ajantha; Kulshreshtha, Shweta; Shukla, Piyush Kumar; Rameshwar, Rudra; Rajput, Nitesh Singh; Parashar, Anubha; Pal, Souvik; Bhattacharya, Sumanta; Rath, Kali Charan; Samanta, Lokanath Dhall

(74) Ramesh Chandra Panda

Panda, B. see Pradhan, A.

(21) 2021101066

Panda, S. see Marriwala, N.

(21) 2021101073

(71) Panda, R.C.; Rakshit, P.; Garg, T.; D, L.; Vani, M.M.; Reddy, R.V.; Snehi, J.; Mishra, R.K.; Bhattacharya, S.; Bhattacharyya, S.; Samanta, L.D.; Goyal, R.; Garg, A.

(11) AU-A-2021101099

(21) 2021101099 (22) 02.03.2021

(54) A Novel Indigenous Sustainable Vaccine Carrier for Maintenance of Cold Chain

(51) Int. Cl.

F25D 11/00 (2006.01)

A61J 1/16 (2006.01)

B65D 81/38 (2006.01)

B65D 85/00 (2006.01)

F25B 21/02 (2006.01)

(45) 29.04.2021

(72) Panda, Ramesh Chandra; Rakshit, Pranati; Garg, Tanya; D., Lakshmi; Vani, M. Mukunda; Reddy, R. Venkat; Snehi, Jyoti; Mishra, Ram Krishn; Bhattacharya, Sumanta; Bhattacharyya, Sonali; Samanta, Lokanatha Dhall; Goyal, Ravinder; Garg, Anupam

(74) Ramesh Chandra Panda

Panday, K. see Marriwala, N.

(21) 2021101073

Pandey, S. see Sahoo, N.G.

(21) 2021100549

(71) Pandey, S.; Karakoti, M.; Dhali, S.; Tewari, C.; Sahoo, N.G.

(11) AU-A-2021100550

(21) 2021100550 (22) 28.01.2021

(54) Process of preparation of naturally doped Silicon, Magnesium and Calcium Graphene nanosheets from Paper Waste for Energy Applications

(51) Int. Cl.

C01B 32/184 (2017.01)

B09B 3/00 (2006.01)

B82Y 30/00 (2011.01)

B82Y 40/00 (2011.01)

H01G 11/36 (2013.01)

C10B 53/02 (2006.01)

H01G 11/22 (2013.01)

(45) 29.04.2021

(72) Pandey, Sandeep; Karakoti, Manoj; Dhali, Sunil; Tewari, Chetna; Sahoo, Nanda Gopal

(74) Sandeep Pandey

(71) Pandey, S.; Karakoti, M.; Dhali, S.; Karki, N.; Sahoo, N.G.

(11) AU-A-2021100552

(21) 2021100552 (22) 28.01.2021

(54) Cotton Based Scalable Green Synthesis of Graphene Nanofibers

(51) Int. Cl.

C01B 32/184 (2017.01)

B82Y 35/00 (2011.01)

B82Y 40/00 (2011.01)

(45) 29.04.2021

(72) Pandey, Sandeep; Karakoti, Manoj; Dhali, Sunil; Karki, Neha; Sahoo, Nanda Gopal

(74) Sandeep Pandey

Pandey, A.K. see A, A.

(21) 2021100895

Pandey, V. see Patra, R.K.

(21) 2021101077

(71) Pandya, I.Y.; Sowjanya, K.; Anuradha, K.; Karuna, G.; Chordiya, S.B.; Pawar, V.P.; Raj, B.; Singh, P.K.; Singh, P.N.; Sarkar, B.K.

(11) AU-A-2021101072

(21) 2021101072 (22) 27.02.2021

(54) DIP-Intelligent Neural Networks: Digital Image Processing Using Intelligent Neural Networks System

(51) Int. Cl.

G06K 9/80 (2006.01)

G06K 9/32 (2006.01)

G06K 9/62 (2006.01)

G06K 9/78 (2006.01)

G06N 3/04 (2006.01)

G06T 7/136 (2017.01)

G06T 7/73 (2017.01)

(45) 29.04.2021

(72) Pandya, Ishan Y.; Sowjanya, Kotte; Anuradha, K.; Karuna, G.; Chordiya, S. B.; Pawar, Vrushsen Purushottam; Raj,

Beg; Singh, Pawan Kumar; Singh, Pari Nidhi; Sarkar, B. K.

(74) Dr. Ishan Y. Pandya

Paramasivam, A. see Tyagi, A.K.

(21) 2021101069

(71) PARANJYOTHI PATHI PATHI, J.; CHEEMA, P.S.

(11) AU-A-2021101079

(21) 2021101079 (22) 28.02.2021

(54) DiQuark Secure : Our invincible DiQuark Secure detects gas, smoke, motion, monitors air quality, indicates temperature and humidity, and keeps track of your data. And you can access the data conveniently using the mobile application available for both Android and IOS for insurance purposes.

(51) Int. Cl.

G08B 19/00 (2006.01)

G08B 23/00 (2006.01)

(45) 29.04.2021

(72) PATHI, JOHN MALISE PARANJYOTHI PATHI; CHEEMA, Pawandeep Singh

(74) JOHN MALISE PARANJYOTHI PATHI PATHI

Parashar, A. see Panda, R.C.

(21) 2021100922

Parashar, A. see Garg, A.

(21) 2021101097

PARTHASARATHY, S. see M, A.

(21) 2021100959

Pati, D.P. see Patro, P.

(21) 2021100314

Patil, A.K. see Reddy, R.

(21) 2021101076

(71) Patra, R.K.; Chandanan, A.K.; Pandey, V.; Jharia, B.; Dass, B.; Chande, M.K.; Kumar, M.S.; Sharaff, A.

(11) AU-A-2021101077

(21) 2021101077 (22) 28.02.2021

(54) SMART SHUTTER ASSEMBLY SYSTEM

(51) Int. Cl.

E05F 15/608 (2015.01)

E05F 15/71 (2015.01)

E05F 15/73 (2015.01)

E05F 15/77 (2015.01)

E06B 9/04 (2006.01)

E06B 9/28 (2006.01)

(45) 29.04.2021

(72) Patra, Raj Kumar; Chandanan, Amit Kumar; Pandey, Vikas kumar; Jharia, Bhavana; Dass, Bharati; Chande, Man-

Innovation Patents Open to Public Inspection - Name Index cont'd

oj Kumar; Kumar, Meesala Sudhir;
Sharaff, Aakanksha
(74) Raj Kumar Patra

(71) Patro, P.; Pati, D.P.; Sarangi, S.K.;
Dash, A.K.; Chowdhury, M.R.; Verma,
S.B.; Sama, H.R.; Rout, T.; Mishra, U.;
Sahu, A.K.

(11) AU-A-2021100314

(21) 2021100314 (22) 19.01.2021
(54) SYSTEM FOR ISSUE ALERT OF SE-
CURITY BREACH USING MACHINE
LEARNING AND FUZZY LOGIC

(51) Int. Cl.

G08B 21/08 (2006.01)

G05B 9/02 (2006.01)

G05B 23/02 (2006.01)

G06N 20/00 (2019.01)

H04W 4/02 (2018.01)

(45) 29.04.2021

(72) Patro, Pramoda; Pati, Dakshya Prasad;
Sarangi, Sanjaya Kumar; Dash, Ak-
shaya Kumar; Chowdhury, Manas Ran-
jan; Verma, Satya Bhushan; Sama,
Hanumantha Rao; Rout, Trilochan;
Mishra, Umakanta; Sahu, Aditya Kumar

(74) Pramoda Patro

Pawar, V.P. see Pandya, I.Y.

(21) 2021101072

(71) Pearl River Fisheries Research Insti-
tute, Chinese Academy of Fishery Sci-
ences

(11) AU-A-2021101015

(21) 2021101015 (22) 24.02.2021
(54) ECOLOGICAL BREEDING METHOD
FOR SUPERMARKET GRASS CARP
IN CYCLE PRODUCTION

(51) Int. Cl.

A01K 61/10 (2017.01)

(45) 29.04.2021

(72) Yu, Deguang; Liao, Guoli; Zhang, Kai;
Xie, Jun; Wang, Guangjun; Li, Zhifei

(74) Remarkable IP

Pendem, S. see R, V.

(21) 2021100913

Perumal, K. see GEDAM, R.

(21) 2021100930

Peter, G. see Vaddempudi, K.R.

(21) 2021101013

Phamila, Y.A. see Geetha, S.

(21) 2021100986

(71) Pinnacle Puzzle Pty Ltd

(11) AU-A-2021100941

(21) 2021100941 (22) 19.02.2021

(54) A PUZZLE CASE

(51) Int. Cl.

A63F 9/10 (2006.01)

(31) 2021900408 (32) 18.02.21 (33) AU

(45) 29.04.2021

(72) De Cianni, Daniel

(74) LESICAR MAYNARD ANDREWS PTY
LTD

P J, A.L.R. see Ratnesh, K.

(21) 2021101039

(71) PLUMVAC PROJECTS AND SER-
VICES (PTY) LTD

(11) AU-A-2021100939

(21) 2021100939 (22) 19.02.2021

(54) A PIPE-RELINING APPARATUS

(51) Int. Cl.

F16L 55/164 (2006.01)

B29C 63/26 (2006.01)

F16L 58/10 (2006.01)

(45) 29.04.2021

(72) Mostert, Andre; Breytenbach, Ryan
Alec

(74) Madderns Pty Ltd

(71) Prabhu, M.; V., I.; Nambirajan, T.

(11) AU-A-2021100923

(21) 2021100923 (22) 18.02.2021

(54) IMD-Managing Electronic Business:
Intelligent System and Method for Dy-
namically Managing Electronic Busi-
ness Process

(51) Int. Cl.

G06F 8/30 (2018.01)

G06F 8/20 (2018.01)

G06F 8/70 (2018.01)

G06N 5/02 (2006.01)

G06Q 10/06 (2012.01)

G06Q 30/02 (2012.01)

(45) 29.04.2021

(72) Prabhu, M.; V., Ilantirayane; Nambira-
jan, T.

(74) M. Prabhu

(71) Pradhan, A.; Acharya, B.; Panda, B.;
Mohapatra, S.; Nanda, L.; Samal, S.;
Misra, B.; Prusty, S.R.; Dei, G.

(11) AU-A-2021101066

(21) 2021101066 (22) 26.02.2021

(54) SOLAR BASED DOUBLE CHANNEL
WATER PURIFICATION SYSTEM FOR
RURAL PEOPLE

(51) Int. Cl.

C02F 1/14 (2006.01)

C02F 1/00 (2006.01)

C02F 1/28 (2006.01)

B01D 39/04 (2006.01)

B01D 39/06 (2006.01)

(45) 29.04.2021

(72) Pradhan, Arjadhara; Acharya,
Biswaranjan; Panda, Babita; Mo-
hapatra, Srikanta; Nanda, Lipika;
Samal, Sarita; Mishra, Banishree;
Prusty, Soubhagya Ranjan; Dei,
Geetanjali

(74) John Thomas

Prakash, N.B. see Rajendar, G.

(21) 2021101068

(71) Prasad Yadav, N.; Singh, S.; Srivast-
ava, A.

(11) AU-A-2021100925

(21) 2021100925 (22) 18.02.2021

(54) GEOMETRICAL FINS PERFORM-
ANCE DETECTION SYSTEM

(51) Int. Cl.

G01K 7/02 (2021.01)

F28F 3/04 (2006.01)

(45) 29.04.2021

(72) Prasad Yadav, Nagendra; Singh, Saty-
endra; Srivastava, Ayush

(74) Nagendra Prasad Yadav

PRAVEENA, A. see SARAVANAN, A.

(21) 2021101041

Praveen Kumar, S. see Srivenkatesh, M.

(21) 2021100988

Prologium Holding Inc see Prologium
Technology Co., Ltd

(21) 2021101083

(71) Prologium Technology Co., Ltd; Prologi-
um Holding Inc

(11) AU-A-2021101083

(21) 2021101083 (22) 01.03.2021

(54) Multiaxial Electricity Supply System

(51) Int. Cl.

H02J 7/00 (2006.01)

H01M 4/02 (2006.01)

H01M 10/058 (2010.01)

(31) 109203275

(32) 23.03.20 (33) TW

(45) 29.04.2021

(72) YANG, Szu-Nan

(74) A.P.T. Patent and Trade Mark Attor-
neys

(71) PROSTHETIC SOLUTIONS LIMITED

(11) AU-A-2021101055

(21) 2021101055 (22) 26.02.2021

(54) PROSTHETIC LIMB PROTECTOR

(51) Int. Cl.

A61F 2/78 (2006.01)

A61F 2/50 (2006.01)

(31) 763434

(32) 09.04.20 (33) NZ

(45) 29.04.2021

(72) PIKE, William Walter

(74) AJ PARK

Prusty, S.R. see Pradhan, A.

(21) 2021101066

Pushpendu, R. see A, A.

(21) 2021100895

PYDI, H.P. see RUDRAPATI, R.

(21) 2021100384

Innovation Patents Open to Public Inspection - Name Index cont'd

Qamar, S. see Alam, S.

(21) 2021100435

(71) Qingdao Agricultural University

(11) AU-A-2021100727

(21) 2021100727 (22) 05.02.2021

(54) METAL-ORGANIC FRAMEWORK MATERIAL BASED ON ALGINATE ELECTROSPUN FIBER AND PRODUCTION METHOD THEREFOR

(51) Int. Cl.

B01D 69/12 (2006.01)

B01D 67/00 (2006.01)

B01J 20/22 (2006.01)

B01J 20/24 (2006.01)

B01J 20/26 (2006.01)

B01J 20/28 (2006.01)

D01D 5/00 (2006.01)

D01F 8/16 (2006.01)

D01F 8/18 (2006.01)

(45) 29.04.2021

(72) PAN, Wei; YU, Guifeng

(74) Infinity Intellectual Property Limited

(71) Qingdao Agricultural University; Yantai Enbeide Chemical Technology Co., Ltd

(11) AU-A-2021100904

(21) 2021100904 (22) 17.02.2021

(54) Composition containing Helianthus tuberosus leaf extract and preparation method and applications thereof

(51) Int. Cl.

A01N 65/12 (2009.01)

(31) 2021101087549 (32) 27.01.21 (33) CN

(45) 29.04.2021

(72) Cao, Xinran; Qu, Chenghui; Tian, Li-guang; Jiang, Mingguang; Andika, Ida Bagus; Zhang, Fuhai

(74) Shelston IP Pty Ltd.

(71) Qingdao Agricultural University; Dongying Qingdao Agricultural University Saline-alkali Land High Efficiency Agricultural Technology Industry

(11) AU-A-2021101043

(21) 2021101043 (22) 26.02.2021

(54) INVERTED Π -SHAPED FURROW IN SALINE-ALKALI LAND AND CONSTRUCTION METHOD AND USE THEREOF

(51) Int. Cl.

E02B 11/00 (2006.01)

E02B 13/00 (2006.01)

(31) 202011202055.2 (32) 02.11.20 (33) CN

(45) 29.04.2021

(72) XU, Xiaozhao; YUAN, Yongbing; TIAN, Qiuye; LI, Zhengnan; SU, Shenghui

(74) MARTIN IP PTY LTD

(71) Qingdao Global Flexitank Logistics Co.,LTD

(11) AU-A-2021101114

(21) 2021101114 (22) 02.03.2021

(54) A Container Insulation Bag and a Container Using the Insulation Bag

(51) Int. Cl.

B65D 90/04 (2006.01)

(31) 202023064135.4 (32) 17.12.20 (33) CN

(45) 29.04.2021

(72) Jiang, Haojie

(74) LAMINAR IP PTY LTD

(71) Qingdao Low-Carbon Environmental Protection Technology Co., Ltd

(11) AU-A-2021100969

(21) 2021100969 (22) 22.02.2021

(54) WASTEWATER TREATMENT DEVICE BASED ON BIOAUGMENTATION COUPLING OF CARRIER

(51) Int. Cl.

C02F 3/10 (2006.01)

C02F 1/52 (2006.01)

C02F 9/00 (2006.01)

(31) 202021062240.1 (32) 09.06.20 (33) CN

(45) 29.04.2021

(72) Huo, Huaihuai; He, Rongsheng; Yin, Lisha; Li, Zhe; Xia, Tianchen; Zhao, Xin; Li, Fu; Yu, Shuting; Wang, Bingjun; Yu, Zeyong

(74) Remarkable IP

(71) Qingdao University of Science and Technology

(11) AU-A-2021101116

(21) 2021101116 (22) 02.03.2021

(54) FLUOROBENZOBISHYDRAZIDE AZOLE COMPOUND AND USE THEREOF

(51) Int. Cl.

C07D 231/16 (2006.01)

A01N 43/56 (2006.01)

A01N 43/78 (2006.01)

A01P 7/02 (2006.01)

A01P 7/04 (2006.01)

C07D 277/593 (2006.01)

C07D 401/04 (2006.01)

(45) 29.04.2021

(72) Wang, Minghui; Xu, Liangzhong; Han, Junjun; Liu, Shuangshuang; Wang, Ji-ang; Feng, Mengjing

(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) R, V.; Chakrabarti, T.; Hati, A.S.; Mandal, S.; Srinivas, T.A.S.; Neogi, S.G.; Chhawchharia, P.; N, V.; S, M.; Pendem, S.; Chakrabarti, P.; Srikanth, N.

(11) AU-A-2021100913

(21) 2021100913 (22) 18.02.2021

(54) SECURITY TECHNIQUE IN ENERGY HARVESTING IOT DEVICES USING SLOTTED ALOHA WITH NOMA

(51) Int. Cl.

H04W 74/08 (2009.01)

G06F 21/60 (2013.01)

G16Y 30/10 (2020.01)

H02J 50/00 (2016.01)

(45) 29.04.2021

(72) R., Vijaya; Chakrabarti, Tulika; Hati, Ananda Shankar; Mandal, Saswata; Srinivas, T. Aditya Sai; Neogi, Subhrendu Guha; Chhawchharia, Pradeep; N., Veena; S., Mahalak-

shmi; Pendem, Sireesha; Chakrabarti, Prasun; Srikanth, Nandoori

(74) Vijaya R

R, R.S. see M M, R.

(21) 2021100952

R, M. see Balaji B, S.

(21) 2021100984

Raghuwanshi, S. see Choudhary, S.

(21) 2021100920

Rai, K. see Srivenkatesh, M.

(21) 2021100988

Raj, B. see Pandya, I.Y.

(21) 2021101072

(71) Rajendar, G.; Kumar, B.V.; Shirbhate, A.; Choudhury, N.B.D.; Veeraj, M.S.; Veeraj, M.S.; Deepak, K.; Prakash, N.B.; Chordiya, S.B.; Sarkar, B.K.

(11) AU-A-2021101068

(21) 2021101068 (22) 27.02.2021

(54) Electric Car: Display the Charging Location, Charging Time (Fast-Slow), Charging Rate, Battery Life Detect and Notified

(51) Int. Cl.

B60L 58/18 (2019.01)

B60K 6/48 (2007.10)

B60L 53/34 (2019.01)

B60L 53/62 (2019.01)

B60W 20/10 (2016.01)

H02J 7/00 (2006.01)

(45) 29.04.2021

(72) Rajendar, G.; Kumar, B. Vijay; Shirbhate, Archana; Choudhury, Nalin B. Dev; Veeraj, Mortha Sai; Veeraj, M. Sai; Deepak, Kolar; Prakash, N. B.; Chordiya, S. B.; Sarkar, B. K.

(74) G Rajendar

Rajotia, M. see Geetha, S.

(21) 2021100986

Rajput, N.S. see Panda, R.C.

(21) 2021100922

Rakshit, P. see Panda, R.C.

(21) 2021100922

Rakshit, P. see Panda, R.C.

(21) 2021101099

Rameshwar, R. see Panda, R.C.

(21) 2021100922

Innovation Patents Open to Public Inspection - Name Index cont'd

RAMPRABU, G. see M, A.
(21) 2021100959

Rana, M. see Rathee, N.
(21) 2021100982

Rani, S. see Choudhary, S.
(21) 2021100920

Rani, S. see Ratnesh, K.
(21) 2021101039

Rastogi, P. see Vaddempudi, K.R.
(21) 2021101013

Rath, K.C. see Panda, R.C.
(21) 2021100922

Rathee, V. see Rathee, N.
(21) 2021100982

(71) Rathee, N.; Gupta, S.K.; Keshari, J.P.;
Sinha, G.; Rana, M.; Rathee, V.; Gupta,
M.

(11) AU-A-2021100982
(21) 2021100982 (22) 22.02.2021

(54) An Innovative smart IoT Device to
measure and monitor patient's Critical
parameters in hospitals
(51) Int. Cl.

G16Y 20/40 (2020.01)

A61B 5/00 (2006.01)

G08B 21/04 (2006.01)

G16H 80/00 (2018.01)

A61B 5/024 (2006.01)

A61B 5/08 (2006.01)

A61B 5/145 (2006.01)

G08B 1/08 (2006.01)

G08B 19/00 (2006.01)

G08B 23/00 (2006.01)

(45) 29.04.2021

(72) Rathee, Naveen; Gupta, Sandeep
Kumar; Keshari, Jaishanker Prasad;
Sinha, Gaurav; Rana, Manoj; Rathee,
Varnika; Gupta, Milind

(74) Naveen Rathee

Rathore, D. see Marriwala, N.
(21) 2021101073

(71) Ratnesh, K.; Chakrabarti, T.; Mishra,
R.; Rani, S.; Gurusamy, M.; P J, A.L.R.;
T, A.C.M.; John, S.; Kalaiarasi, K.;
Bhusare, G.N.; Chakrabarti, P.; Jadhav,
C.R.

(11) AU-A-2021101039

(21) 2021101039 (22) 25.02.2021

(54) Blended Teaching and learning man-
agement platform for primary school
children during epidemic period

(51) Int. Cl.

G09B 5/06 (2006.01)

G06Q 50/20 (2012.01)

H04L 12/18 (2006.01)

G09B 5/12 (2006.01)

H04L 29/08 (2006.01)

H04N 7/15 (2006.01)

(45) 29.04.2021

(72) Ratnesh, Kumar; Chakrabarti, Tulika;
Mishra, Richa; Rani, Sita; Gurusamy,
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Clarl Mary; John, Sreya; Kalaiarasi, K.;
Bhusare, Govind Narayanrao; Chakra-
barti, Prasun; Jadhav, Chitrarekha
Ravindranath

(74) Kumar Ratnesh

(71) Red Dune Skin; Shanmugathasan, R.

(11) AU-A-2021100907

(21) 2021100907 (22) 17.02.2021

(54) The use of desert sand in skin
products.

(51) Int. Cl.

A61K 8/96 (2006.01)

A61K 8/25 (2006.01)

A61Q 19/10 (2006.01)

(45) 29.04.2021

(72) Shanmugathasan, Revathi

(74) Red Dune Skin

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(21) 2021100930

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CHOWDARY, N.N.; K, P.; U M, A.K.;
Shyam, G.K.; Tengli, N.S.; Patil, A.K.;
Hadimani, B.S.

(11) AU-A-2021101076

(21) 2021101076 (22) 28.02.2021

(54) SMART TRAFFIC MANAGEMENT
SYSTEM FOR EMERGENCY
VEHICLES

(51) Int. Cl.

G08G 1/081 (2006.01)

G08G 1/087 (2006.01)

G08G 1/123 (2006.01)

G08G 1/04 (2006.01)

(45) 29.04.2021

(72) Reddy, Raghavendra; Krishna, P. Vam-
si; sony, Nayaki; CHOWDARY, NAY-
UDU NAVEEN; K., Panduranga; U. M.,
Ashwin Kumar; Shyam, Gopal Krishna;
Tengli, Nikhil S.; Patil, Ashok K.; Hadi-
mani, Basavaraj S.

(74) Raghavendra Reddy

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(71) Research Institute of Forest Ecology,
Environment and Protection, Chinese
Academy of Forestry

(11) AU-A-2021100979

(21) 2021100979 (22) 22.02.2021

(54) INTELLIGENT FOREST FIRE PLOT-
TER FOR FOREST FIREFIGHTING
AVIATION CRUISE

(51) Int. Cl.

B64D 47/00 (2006.01)

A62C 3/02 (2006.01)

G01C 13/00 (2006.01)

G01C 15/00 (2006.01)

(45) 29.04.2021

(72) Shu, Lifu; Zhao, Fengjun; He, Cheng;
Liu, Kezhen; Wang, Mingyu; Liu,
Xiaodong; Chen, Feng

(74) MOHAN MURALI KODIVEL

(71) Research Institute of Forest Ecology,
Environment and Protection, Chinese
Academy of Forestry

(11) AU-A-2021100980

(21) 2021100980 (22) 22.02.2021

(54) BUCKET SPRINKLING TARGET PO-
SITIONING DEVICE FOR FOREST
FIREFIGHTING AVIATION HELI-
COPTER

(51) Int. Cl.

B64D 1/16 (2006.01)

A62C 3/02 (2006.01)

A62C 31/28 (2006.01)

B64C 27/04 (2006.01)

G02B 27/64 (2006.01)

(45) 29.04.2021

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Liu, Kezhen; Wang, Mingyu; Liu,
Xiaodong; Chen, Feng

(74) MOHAN MURALI KODIVEL

Rout, T. see Patro, P.

(21) 2021100314

RUDRAPATI, S. see RUDRAPATI, R.

(21) 2021100384

(71) RUDRAPATI, R.; VANGETI, M.;
CHAVAN, S.; PYDI, H.P.; GANJI, V.;
CHOWDARY, V.L.; S D, M.; KUMAR,
A.; RUDRAPATI, S.; NANDAKISHORE,
N.; KUMAR, Y.P.

(11) AU-A-2021100384

(21) 2021100384 (22) 21.01.2021

(54) SMART METHOD FOR PREDICTION
OF FAULTS OF MANUFACTURED
PRODUCT IN AUTOMATIC INDUSTRI-
AL PRODUCTION

(51) Int. Cl.

G05B 23/02 (2006.01)

G05B 13/04 (2006.01)

G06F 11/00 (2006.01)

G06F 11/30 (2006.01)

G06F 11/32 (2006.01)

G06F 11/34 (2006.01)

G06N 20/00 (2019.01)

(45) 29.04.2021

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MADHURI; CHAVAN, SANTOSH;
PYDI, HARI PRASAD; GANJI,
VIVEKANANDA; CHOWDARY, VE-
LIVELA LAKSHMIKANTH; S D, MUR-
TUZA; KUMAR, ANUJ; RUDRAPATI,
SURESH; NANDAKISHORE, NALLA;
KUMAR, Y. PRASANNA

(74) RAMESH RUDRAPATI

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(71) SageFlow BVBA
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(21) 2021100971 (22) 22.02.2021
(54) Mentoring tool
(51) Int. Cl.
G06Q 90/00 (2006.01)
(45) 29.04.2021
(62) PCT/AU2018/051025
(72) Vrijisen, Dave
(74) Spruson & Ferguson

(71) Sahoo, N.G.; Tatrari, G.; Pandey, S.;
Tewari, C.; Karakoti, M.; Bohra, B.S.;
Dhali, S.
(11) AU-A-2021100549
(21) 2021100549 (22) 28.01.2021
(54) POLYMERIC WASTE DERIVED
NANOGRAPHITIC ADDITIVES FOR
CONCRETE MIXTURE AND METHOD
OF MANUFACTURING THEREOF
(51) Int. Cl.
C04B 14/02 (2006.01)
C04B 28/04 (2006.01)
B09B 3/00 (2006.01)
C01B 32/182 (2017.01)
(45) 29.04.2021
(72) Sahoo, Nanda Gopal; Tatrari, Gaurav;
Pandey, Sandeep; Tewari, Chetna;
Karakoti, Manoj; Bohra, Bhaskar Singh;
Dhali, Sunil
(74) Nanda Gopal Sahoo

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(21) 2021100550

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(21) 2021100552

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(21) 2021100314

(71) Sales Technologies Pty Ltd
(11) AU-A-2021101032
(21) 2021101032 (22) 24.02.2021
(54) METHOD OF FACILITATING NE-
GOTIATION OF SALES OF GOODS
BETWEEN USERS IN AN ONLINE EN-
VIRONMENT
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06Q 20/40 (2012.01)
G06F 21/31 (2013.01)
G06Q 20/12 (2012.01)
G06Q 20/38 (2012.01)
(45) 29.04.2021
(72) Vrousos, Georgios; Vrousou, Olga;
Mentekidis, Ioannis
(74) mdp Patent and Trade Mark Attorneys

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(21) 2020104249

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(21) 2021100901

(71) Sarangdevot, S.S.; Trivedi, M.C.
(11) AU-A-2021100932
(21) 2021100932 (22) 19.02.2021
(54) Machine learning & deep learning for
disease detection
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/055 (2006.01)
A61B 6/00 (2006.01)
A61B 8/08 (2006.01)
G06N 3/08 (2006.01)
G06T 7/00 (2017.01)
(45) 29.04.2021
(72) Sarangdevot, Shiv Singh; Trivedi, Mun-
esh Chandra
(74) LAMINAR IP PTY LTD

(71) Sarangdevot, S.S.; Trivedi, M.C.
(11) AU-A-2021100994
(21) 2021100994 (22) 23.02.2021
(54) A device for hearing impaired individual
(51) Int. Cl.
H04M 1/72475 (2021.01)
G09B 21/00 (2006.01)
G09B 21/04 (2006.01)
G10L 13/00 (2006.01)
G10L 15/26 (2006.01)
G06F 3/0488 (2013.01)
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(21) 2021100314

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amurugan, M.; Mandal, S.; D L, S.;
K, V.; PRAVEENA, A.; Maheswari,
K.; Kowsalya, P.; Chakrabarti, P.; Ma-
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(54) Requirement based Community forma-
tion and evolution system in social net-
works during emergency using bigdata
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G06Q 50/26 (2012.01)
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PRAVEENA, A.; Maheswari, K. G.;
Kowsalya, P. K.; Chakrabarti, Prasun;
Maheswari, Uma
(74) A.M. SARAVANAN

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(21) 2021100959

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(21) 2021101069

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(21) 2021101072

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(21) 2021101067

(71) Sathyamoorthy, M.; Dilip Shanti, M.;
CHATTERJEE, P.; Sharma, V.; Gand-
hare, N.V.; S. Ali, P.; Chandraprabha,
M.; Kumar Dhanaraj, R.; Kuppusamy,
S.
(11) AU-A-2021100962
(21) 2021100962 (22) 21.02.2021
(54) SMART IRRIGATION ENRICHED
WITH FERTILIZER MIXING AND WA-
TER WASTAGE REDUCTION USING
DEEP LEARNING TECHNIQUES
(51) Int. Cl.
A01G 25/16 (2006.01)
A01C 21/00 (2006.01)
G01W 1/02 (2006.01)
G01W 1/10 (2006.01)
G06F 17/18 (2006.01)
G06N 3/08 (2006.01)
G06N 20/00 (2019.01)
G06Q 50/02 (2012.01)
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(72) Sathyamoorthy, Malathy; Dilip Shanti,
Manoj; CHATTERJEE, PRASENJIT;
Sharma, Vishnu; Gandhare, Niles V.;
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(74) Blessen Skariah Thomas

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(21) 2021101095

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(21) 2021101034

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(21) 2021101073

(71) Shandong Agricultural University
(11) AU-A-2021100674
(21) 2021100674 (22) 03.02.2021
(54) AhGPAT9A gene of *Arachis hypogaea* L. and use thereof in improving seed oil content
(51) Int. Cl.
C12N 9/10 (2006.01)
C12N 15/54 (2006.01)
C12N 15/84 (2006.01)
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(71) Shanghai Ocean University
(11) AU-A-2021100896
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(54) Method for Forecasting Abundance of Pelagic Fish Resources Based on Grey System Models of Different Orders
(51) Int. Cl.
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G06Q 50/02 (2012.01)
G06N 5/02 (2006.01)
(45) 29.04.2021
(72) Chen, Xin jun; Xie, Ming yang; Wei, Guang en; Hu, Guan yu; Yu, Wei; Wang, Yan; Zhang, Chang; Chen, Peng; Zhang, Zhong; Tian, Si quan
(74) Alder IP Pty Ltd

(71) Shanghai Ocean University
(11) AU-A-2021100919
(21) 2021100919 (22) 18.02.2021

(54) Method for Forecasting Central Fishing Ground of *Dosidicus Gigas* in the Southeast Pacific ocean
(51) Int. Cl.
G06Q 10/04 (2012.01)
G06F 17/18 (2006.01)
G06N 3/08 (2006.01)
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(74) Alder IP Pty Ltd

(71) Shanghai Ocean University
(11) AU-A-2021100973
(21) 2021100973 (22) 22.02.2021
(54) Method for Predicting Winter-Spring Stock Abundance of *Ommastrephes Bartramii* in the Northwest Pacific Ocean Based on Grey System
(51) Int. Cl.
G06Q 10/04 (2012.01)
G06F 17/18 (2006.01)
G06Q 50/02 (2012.01)
G06T 7/00 (2017.01)
A01K 79/00 (2006.01)
B64G 1/10 (2006.01)
G01N 33/18 (2006.01)
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(74) Alder IP Pty Ltd

(71) Shanghai Ocean University
(11) AU-A-2021101018
(21) 2021101018 (22) 24.02.2021
(54) Method for Predicting Recruitment of Peruvian squid
(51) Int. Cl.
G06Q 50/02 (2012.01)
A01K 79/00 (2006.01)
G06Q 10/04 (2012.01)
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(72) Chen, Xin jun; Wang, Jin tao; Wei, Guang en; Hu, Guan yu; Yu, Wei; Wang, Yan; Zhang, Zhong
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(21) 2021100907

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(21) 2021101077

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(21) 2021100320

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(71) Sharma, D.; Sinha, G.; Thakur, N.V.; Pallathadka, H.; Choudhary, A.; Choudhry, R.
(11) AU-A-2021100893
(21) 2021100893 (22) 15.02.2021
(54) AN IOT BASED FOREST AND WILDLIFE CONSERVATION SYSTEM AND A METHOD THEREOF
(51) Int. Cl.
G08B 25/10 (2006.01)
G06K 9/00 (2006.01)
G06T 7/00 (2017.01)
G08B 13/196 (2006.01)
G08B 17/12 (2006.01)
G08B 21/18 (2006.01)
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(21) 2021100926

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(21) 2021101073

SHERIMON, V. see P.C., S.
(21) 2021101034

(71) Sherwood Chemicals Australasia Pty Ltd
(11) AU-A-2021100890
(21) 2021100890 (22) 15.02.2021
(54) INSECTICIDE FORMULATION
(51) Int. Cl.
A01N 51/00 (2006.01)
A01N 43/40 (2006.01)
A01P 7/04 (2006.01)
(45) 29.04.2021
(72) RALPH, John; ARDERNE, Elton
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Shijiazhuang Railway University
(11) AU-A-2021101004
(21) 2021101004 (22) 23.02.2021
(54) Tensile-shear tester for frozen soil
(51) Int. Cl.

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G01N 3/24 (2006.01)
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(21) 2021101068

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(21) 2021100435

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(21) 2021100922

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(71) Sicame Australia Pty Ltd
(11) AU-A-2021101027
(21) 2021101027 **(22)** 24.02.2021
(54) A reusable mains-power electrical connector
(51) Int. Cl.
H01R 4/28 (2006.01)
H01R 4/2408 (2018.01)
H01R 4/247 (2018.01)
H01R 4/2475 (2018.01)
H01R 4/30 (2006.01)
H01R 4/32 (2006.01)
H01R 4/36 (2006.01)
(45) 29.04.2021
(72) Battle, Alexander
(74) Spruson & Ferguson

(71) Sichuan Agricultural University
(11) AU-A-2021101029
(21) 2021101029 **(22)** 24.02.2021
(54) DECOMPOSING AGENT, METHOD AND APPLICATION THEREOF FOR PROMOTING IN-SITU RETURN OF CROP STRAWS
(51) Int. Cl.
C05F 17/20 (2020.01)
C05F 11/08 (2006.01)
(45) 29.04.2021
(72) Yang, Zhiyuan; Li, Na
(74) Madderns Pty Ltd

(71) Sichuan Agricultural University
(11) AU-A-2021101030
(21) 2021101030 **(22)** 24.02.2021
(54) FOLIAR CONDITIONER FOR REDUCING CADMIUM CONTENT IN RICE BY USING THREONINE AND APPLICATION METHOD THEREOF
(51) Int. Cl.
A01N 37/44 (2006.01)
A01G 22/22 (2018.01)
A01N 37/02 (2006.01)
A01N 59/00 (2006.01)
A01N 59/16 (2006.01)
A01P 21/00 (2006.01)
C05D 9/00 (2006.01)
C05G 3/00 (2020.01)
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(74) Madderns Pty Ltd

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(71) Slack Technologies, Inc.
(11) AU-A-2021101081
(21) 2021101081 **(22)** 01.03.2021
(54) Method, apparatus and computer program product for generating externally shared communication channels
(51) Int. Cl.
H04L 12/18 (2006.01)
(45) 29.04.2021
(62) PCT/US2019/063852
(72) JOHNSTON, Elizabeth; KING, Andrew; GRANT, Myles
(74) FPA Patent Attorneys Pty Ltd

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(71) Solarkilns Holdings Pty Ltd
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(54) A dryer
(51) Int. Cl.
F24S 20/30 (2018.01)
F26B 3/28 (2006.01)
F26B 15/18 (2006.01)
F26B 21/06 (2006.01)
F26B 25/22 (2006.01)
(31) 2018903378 **(32)** 10.09.18 **(33)** AU
(45) 29.04.2021
(72) WEIR, Gregory Warren
(74) Davies Collison Cave Pty Ltd

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(54) Tape Measure Holder
(51) Int. Cl.
G01B 3/1071 (2020.01)
A45F 5/02 (2006.01)
(45) 29.04.2021
(72) Soman, Alex; Soman, Alysa
(74) alex soman

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South China Agricultural University, Guangzhou, China see Institute of Animal Health, Guangdong Academy of Agricultural Sciences, Guangzhou, China
(21) 2021101048

(71) Southwest University of Science and Technology; Computational Aerodynamics Institute of China Aerodynamics Research and Development Center
(11) AU-A-2021101102
(21) 2021101102 (22) 02.03.2021
(54) HIGH TEMPERATURE HEAT FLOW SENSOR
(51) Int. Cl.
H01L 35/04 (2006.01)
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H01L 35/32 (2006.01)
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(72) Wang, Yong; Dai, Bo; Zeng, Lei
(74) Remarkable IP

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(71) Sparsi, C.
(11) AU-A-2021100891
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(54) Cooled Animal Structure
(51) Int. Cl.
A01K 1/00 (2006.01)
A01K 1/03 (2006.01)
(31) 2020901641 (32) 21.05.20 (33) AU
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(72) Sparsi, Christopher
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H04W 4/90 (2018.01)
G08B 25/01 (2006.01)
H04W 4/38 (2018.01)
G08B 21/02 (2006.01)
G08C 17/02 (2006.01)
H04L 29/08 (2006.01)
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(21) 2021100988 (22) 23.02.2021
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G06F 21/55 (2013.01)
G06N 7/02 (2006.01)
G06N 20/00 (2019.01)
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(74) GSEP IPR Consultant

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(71) Steel and Rural Australia Pty Ltd
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E04H 17/12 (2006.01)
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A01G 17/06 (2006.01)
(31) 2020901281 (32) 23.04.20 (33) AU
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(21) 2021100790 (22) 09.02.2021
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(51) Int. Cl.
A61K 36/752 (2006.01)
A23F 3/22 (2006.01)
A61K 36/82 (2006.01)
A61P 1/16 (2006.01)
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A61K 36/82 (2006.01)
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G06K 9/00 (2006.01)
G10L 13/027 (2013.01)
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(51) Int. Cl.
C12Q 1/6883 (2018.01)
G01N 33/569 (2006.01)
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(51) Int. Cl.
G01N 33/68 (2006.01)
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G01R 31/367 (2019.01)
B60L 53/66 (2019.01)
H02J 7/00 (2006.01)
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A61M 15/00 (2006.01)
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(51) Int. Cl.
A61K 36/68 (2006.01)
A21D 2/36 (2006.01)
A21D 13/06 (2017.01)
A21D 13/11 (2017.01)
A21D 13/80 (2017.01)
A23L 33/105 (2016.01)
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A61P 25/28 (2006.01)
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(51) Int. Cl.
E04B 5/38 (2006.01)
E04B 5/19 (2006.01)
E04B 5/32 (2006.01)
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E04C 2/00 (2006.01)
(45) 29.04.2021
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H04W 76/15 (2018.01)

H04W 48/18 (2009.01)

H04W 52/02 (2009.01)

H04W 88/06 (2009.01)

H04M 3/42 (2006.01)

H04W 8/26 (2009.01)

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(21) 2021101076

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(21) 2021100995 (22) 23.02.2021

(54) WEARABLE AND SELF-ENERGIZED SAFETY MONITORING AND ALARM SYSTEM

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E04B 1/94 (2006.01)

E04B 1/24 (2006.01)

E04B 2/74 (2006.01)

E04D 13/16 (2006.01)

E04B 2/00 (2006.01)

E04D 3/36 (2006.01)

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(74) Patentec Patent Attorneys

(71) University of South China

(11) AU-A-2021100998

(21) 2021100998 (22) 23.02.2021

(54) WIRELESS SENSOR NETWORK-BASED INTELLIGENT SAFETY MONITORING SYSTEM FOR UNDERGROUND NON-COAL MINE

(51) Int. Cl.

H04W 84/18 (2009.01)

E21F 17/18 (2006.01)

G05B 19/048 (2006.01)

G08B 21/02 (2006.01)

G08B 21/10 (2006.01)

G08B 21/18 (2006.01)

G08B 25/00 (2006.01)

G08B 25/10 (2006.01)

H04L 29/08 (2006.01)

H04W 84/02 (2009.01)

E21F 11/00 (2006.01)

H04W 4/38 (2018.01)

H04W 88/16 (2009.01)

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(74) Patentec Patent Attorneys

(71) University of South China

(11) AU-A-2021101002

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(54) WIRELESS SENSOR NETWORK-BASED INTELLIGENT MONITORING AND EARLY-WARNING SYSTEM FOR WATER AND SOIL CONTAMINATION IN URANIUM TAILINGS POND

(51) Int. Cl.

G08B 21/12 (2006.01)

G01N 33/00 (2006.01)

G01N 33/18 (2006.01)

G01N 33/24 (2006.01)

G08B 25/00 (2006.01)

H04Q 9/02 (2006.01)

H04W 4/38 (2018.01)

H04W 84/18 (2009.01)

H04W 88/04 (2009.01)

H04W 88/16 (2009.01)

G01W 1/14 (2006.01)

G08B 3/10 (2006.01)

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(74) Patentec Patent Attorneys

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(51) Int. Cl.

G06Q 50/00 (2012.01)

G06F 16/30 (2019.01)

G06F 40/30 (2020.01)

G06F 9/451 (2018.01)

G06N 20/00 (2019.01)

(45) 29.04.2021

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(11) AU-A-2021100957

(21) 2021100957 (22) 20.02.2021

(54) A formulation for treatment of cancer and method of preparation thereof

(51) Int. Cl.

A61K 47/69 (2017.01)

A61K 9/51 (2006.01)

A61K 31/65 (2006.01)

A61K 31/711 (2006.01)

A61K 38/02 (2006.01)

A61K 47/54 (2017.01)

A61K 47/62 (2017.01)

A61P 35/00 (2006.01)

G01N 33/543 (2006.01)

G01N 33/574 (2006.01)

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(74) Mohammed Rageeb Mohammed Usman

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(51) Int. Cl.

G08B 21/24 (2006.01)

A61B 5/00 (2006.01)

A61B 5/024 (2006.01)

A61B 5/0245 (2006.01)

A61B 5/11 (2006.01)

A61B 5/1455 (2006.01)

A61B 5/16 (2006.01)

G01S 13/82 (2006.01)

G16H 50/30 (2018.01)

H04L 29/08 (2006.01)

H04W 4/38 (2018.01)

G08B 21/02 (2006.01)

H04Q 9/02 (2006.01)

H04W 4/02 (2018.01)

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(11) AU-A-2021100976

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(54) Improved Conduit Close

(51) Int. Cl.

E05B 83/28 (2014.01)

B65D 59/06 (2006.01)

E05C 19/12 (2006.01)

B60R 9/055 (2006.01)

B65D 55/02 (2006.01)

F16L 55/115 (2006.01)

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(11) AU-A-2021101071

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NOLOGY

(51) Int. Cl.

G06Q 10/08 (2012.01)

H04L 9/32 (2006.01)

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(71) Walker, P.

(11) AU-A-2021101061

(21) 2021101061 (22) 26.02.2021

(54) System for forming lightweight concrete

(51) Int. Cl.

B28C 9/00 (2006.01)

B28C 5/38 (2006.01)

B28C 7/02 (2006.01)

C04B 28/04 (2006.01)

C04B 38/10 (2006.01)

C04B 111/40 (2006.01)

(31) 2020900617

(32) 02.03.20 (33) AU

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(11) AU-A-2021100099

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(22) 08.01.2021

(54) Improved post

(51) Int. Cl.

B05D 7/14 (2006.01)

B05D 1/24 (2006.01)

B05D 3/10 (2006.01)

B05D 3/12 (2006.01)

B05D 7/00 (2006.01)

E04H 17/20 (2006.01)

C09D 5/08 (2006.01)

C09D 123/06 (2006.01)

C09D 127/06 (2006.01)

C09D 177/02 (2006.01)

C09D 195/00 (2006.01)

(45) 29.04.2021

(72) Gray, Brian

(74) FB Rice Pty Ltd

(71) Wuyi University

(11) AU-A-2021101062

(21) 2021101062

(22) 26.02.2021

(54) Novel automatic screw locking machine
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(51) Int. Cl.

B23P 19/06 (2006.01)

G05B 19/19 (2006.01)

B23P 19/00 (2006.01)

B25B 21/00 (2006.01)

B25J 9/00 (2006.01)

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G06T 7/00 (2017.01)

H04N 7/18 (2006.01)

(45) 29.04.2021

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(74) Armour IP Pty Ltd

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(11) AU-A-2021101038

(21) 2021101038

(22) 25.02.2021

(54) Thermal conductivity analysis model of
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network analysis

(51) Int. Cl.

G06N 3/02 (2006.01)

G06F 17/15 (2006.01)

G06N 3/08 (2006.01)

(31) GB21026232

(32) 24.02.21 (33) GB

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(72) Yan, Jiuzhou; Guo, Chuyuan; Peng, Fei

(74) QIAN HU

(71) Xiangya Hospital, Central South Uni-
versity

(11) AU-A-2021100967

(21) 2021100967

(22) 22.02.2021

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- (54) Method for Screening and Identification of SCA3/MJD Biomarkers Based on IncRNA
(51) Int. Cl.
C12Q 1/6883 (2018.01)
C12Q 1/6809 (2018.01)
C12Q 1/6869 (2018.01)
(45) 29.04.2021
(72) Jiang, Hong; Li, Tianjiao; Chen, Zhao; Peng, Huirong; Tang, Beisha
(74) Alder IP Pty Ltd

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- (71) Xiangya Hospital, Central South University
(11) AU-A-2021100968
(21) 2021100968 (22) 22.02.2021
(54) An exosomal biomarker for auxiliary diagnosis of SCA3/MJD and its screening and identification method
(51) Int. Cl.
C12Q 1/6883 (2018.01)
C12Q 1/6809 (2018.01)
C12Q 1/6869 (2018.01)
(45) 29.04.2021
(72) Jiang, Hong; Hou, Xiaocan; Chen, Zhao; Qiu, Rong; Tang, Beisha
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- (71) Xinjiang Chenxiyu Water Conservancy Engineering Design Co., Ltd
(11) AU-A-2021100942
(21) 2021100942 (22) 19.02.2021
(54) TRANSPORT PIPELINE AND METHOD OF USE THEREOF
(51) Int. Cl.
B65G 51/04 (2006.01)
F16L 55/38 (2006.01)
(45) 29.04.2021
(72) Zhang, Luguoguo; Zhang, Chenxi; Zhang, Chenyu
(74) Madderns Pty Ltd

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- (71) XUCHANG UNIVERSITY
(11) AU-A-2021101040
(21) 2021101040 (22) 25.02.2021
(54) ELECTRICAL TEST BOX FOR SUB-STATION
(51) Int. Cl.
H02B 1/38 (2006.01)
G01R 1/04 (2006.01)
H02B 1/06 (2006.01)
(45) 29.04.2021
(72) Yang, Xiaobo
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(21) 2021100926

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(21) 2021100930

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- (71) Yangzhou University
(11) AU-A-2021101008
(21) 2021101008 (22) 23.02.2021

- (54) USE OF CAPSAICIN AND COLISTIN IN PREPARING A MEDICAMENT FOR INHIBITING ACINETOBACTER BAUMANNII INFECTION
(51) Int. Cl.
A61K 38/12 (2006.01)
A61K 31/165 (2006.01)
A61P 31/04 (2006.01)
(31) 2020104661973 (32) 28.05.20 (33) CN
(45) 29.04.2021
(72) LI, Guocai; GUO, Tingting; LI, Mengying; SUN, Xiaoli; JIAO, Hongmei; KONG, Guimei; WANG, Yuhang; ZHENG, Wenhao; YANG, Jie
(74) Lord & Company

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- (71) Yanshan University; Handan College
(11) AU-A-2021101058
(21) 2021101058 (22) 26.02.2021
(54) Ankle Rehabilitation Device
(51) Int. Cl.
A61B 5/11 (2006.01)
A61H 1/02 (2006.01)
(45) 29.04.2021
(72) Sun, Li; Chen, Yongliang; Yuan, Hongyu; Wu, Jiantao; Zhang, Shuo; Wang, Zhipeng; Ma, Hongjiao; Zhang, Yinu; Li, Jiangnan; Qin, Zhongzhi; Yuan, Siqi; Peng, Qi; Wang, Qiaoling; Sun, Yixi; Jiang, Wei; He, Shan; Zhao, Jian; Li, Nannan; Zhao, Ting
(74) Alder IP Pty Ltd

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(21) 2021100904

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(21) 2021101013

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- (71) Zhejiang Blueshield Pharmaceutical Company; Nanjing Normal University
(11) AU-A-2021101090
(21) 2021101090 (22) 01.03.2021
(54) A fatty liver cell model and its construction method
(51) Int. Cl.
C12N 5/071 (2010.01)
(45) 29.04.2021
(72) Guo, Zhigang; He, Lingfeng; Salman, Khan; Zhao, Xingqi; Wang, Meina; Yang, Yang; Zhang, Yilan; Zhu, Hongqiao; Chen, Jiannan; Zhang, Fan
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2020102255	Jiangxi University of Science and Technology; New Yu-wei Forging Co. LTD	2021100915	HUMCEN GLOBAL (P) LTD; ., S.; VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RE-SEARCH; ., G.R.M.; ., S.; ., S.S.; ., D.; ., S.; ., K.L.R. Collins, J.
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2020104249	Nijhawan, P.; Singh, P.; Sandhu, A.	2021100917	Hong Kong Productivity Council
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2021100549	Sahoo, N.G.; Tatrari, G.; Pandey, S.; Tewari, C.; Karakoti, M.; Bohra, B.S.; Dhali, S.	2021100934	Huaibei Coal Co., Ltd.; China Coal Technology Engineering Group Chongqing Research Institute
2021100550	Pandey, S.; Karakoti, M.; Dhali, S.; Tewari, C.; Sahoo, N.G.	2021100935	Huaibei Coal Co., Ltd.; China Coal Technology Engineering Group Chongqing Research Institute
2021100552	Pandey, S.; Karakoti, M.; Dhali, S.; Karki, N.; Sahoo, N.G.	2021100936	Soman, A.; Soman, A.
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2021100866	Jiangsu Vocational Institute of Architectural Technology	2021100959	M, A.; DWARAKANATH, B.; SRINATH, M.S.; S, G.; RAMPRABU, G.; VIMALA JULIET, A.; B V, B.; A K, G.; SARITHA, G.; PARTHASARATHY, S.
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2021100891	Sparsi, C.	2021100966	Hebei North University
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2021100893	Sharma, D.; Sinha, G.; Thakur, N.V.; Pallathadka, H.; Choudhary, A.; Choudhry, R.	2021100968	Xiangya Hospital, Central South University
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2021100898	Jiangsu Vocational Institute of Architectural Technology		
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2021100972	Face Safe Holdings Pty Ltd	2021101042	Arora, V.; Leekha, R.S.; Singh, M.; NG, E.Y.
2021100973	Shanghai Ocean University	2021101043	Qingdao Agricultural University; Dongying Qingdao Agricultural University Saline-alkali Land High Efficiency Agricultural Technology Industry
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2021100980	Research Institute of Forest Ecology, Environment and Protection, Chinese Academy of Forestry	2021101051	ABA Teachers University
2021100982	Rathee, N.; Gupta, S.K.; Keshari, J.P.; Sinha, G.; Rana, M.; Rathee, V.; Gupta, M.	2021101052	East China University of Technology
2021100984	Balaji B, S.; R, M.; M S, S.; T N, P.; S T, S.	2021101053	Hunan Agricultural University
2021100986	Geetha, S.; Phamila, Y.A.; Rajotia, M.; Goyal, A.; Kapil, V.; Sharma, R.; Chaudhary, S.	2021101054	Cancer Hospital of Tianjin Medical University
2021100988	Srivenkatesh, M.; Praveen Kumar, S.; Manohar, K.; Rai, K.; K, N.; Kavya, C.; Shyamala, A.; Devi, M.; Tumula, D.P.; Sambasiva Rao, G.; Sumadeep, J.; Vardhan, A.	2021101055	PROSTHETIC SOLUTIONS LIMITED
2021100990	Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences	2021101056	Atone Australia Pty Ltd
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2021101001	Decoview Pty Ltd	2021101066	Pradhan, A.; Acharya, B.; Panda, B.; Mohapatra, S.; Nanda, L.; Samal, S.; Misra, B.; Prusty, S.R.; Dei, G. Totewad, N.D.; Sorout, S.; Sarwade, P.P.; (Sarwade), K.N.G.; Wadekar, M.P.
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2021101003	Techtronic Cordless GP	2021101069	Tyagi, A.K.; Kakulapati, V.; Paramasivam, A.; Sindhu, S.; Singh, A.; Chordiya, S.B.; Sarkar, B.K.; Sreenath, N.; K, V.
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2021101007	International Center for Bamboo and Rattan	2021101073	Marriwala, N.; Vohra, A.; Sharma, R.; Rathore, D.; Bachan, P.; Panda, S.; Anarase, D.S.; Shanbhog, M.; Jodha, R.; Bhandari, R.; Sampath, A.K.; Ghuge, A.C.; Panday, K.
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2021101012	Thakur, N.V.; Sohi, S.S.; Arora, J.; Pallathadka, H.; Kataria, A.; Gupta, S.	2021101077	Patra, R.K.; Chandanan, A.K.; Pandey, V.; Jharia, B.; Dass, B.; Chande, M.K.; Kumar, M.S.; Sharaff, A.
2021101013	Vaddempudi, K.R.; Rastogi, P.; Binoj, J.; Verma, S.L.; Peter, G.; A, J.L.; M, V.; Bhattacharya, B.; K R, P.K.; Y H, S.K.; K, B.	2021101078	Dargan, S.; Kumar, M.; Garg, A.; Amrita, M.
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2021101109	Beijing Bright Health Science and Technology Co., Ltd; The First Affiliated Hospital of USTC (Anhui Province Hospital)
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<u>A01G 22 /-</u>	2021101116	2018102209	2021100957	2021101020	2021100727
2021100581	<u>A21D 13 /-</u>	<u>A47L 9 /-</u>	2021101008	<u>A61Q 19 /-</u>	<u>B01J 23 /-</u>
2021100993	2021101067	2018102209	<u>A61K 45 /-</u>	2021100907	2021100320
2021101021	<u>A21D 2 /-</u>	<u>A61B 1 /-</u>	2021100940	2021100916	<u>B01J 27 /-</u>
2021101030	2021101067	2020104249	<u>A61K 47 /-</u>	2021100977	2021100320
2021101053	<u>A23B 4 /-</u>	<u>A61B 5 /-</u>	2021100916	2021100978	<u>B01J 35 /-</u>
<u>A01G 25 /-</u>	2021101067	2020104249	2021100957	<u>A62C 3 /-</u>	2021100320
2021100930	<u>A23F 3 /-</u>	2020104249	<u>A61K 8 /-</u>	2021100977	2021100320
2021100962	2021100690	2021100144	2021100907	2021100978	<u>B02C 13 /-</u>
<u>A01G 9 /-</u>	<u>A23K 10 /-</u>	2021100922	<u>A61K 9 /-</u>	2021100979	2021100966
2021101108	2021101065	2021100932	2021100916	2021100980	<u>B02C 25 /-</u>
<u>A01K 1 /-</u>	2021100790	2021100982	2021100957	2021100978	2021100966
2021101020	<u>A23K 20 /-</u>	2021100986	<u>A61L 27 /-</u>	2021100980	<u>B04B 5 /-</u>
2021100891	2021101065	2021101013	2021100741	<u>A62C 99 /-</u>	2021100866
<u>A01K 61 /-</u>	<u>A23K 50 /-</u>	2021101042	<u>A61M 1 /-</u>	2021100978	<u>B05B 17 /-</u>
2021100992	2021101065	2021101056	2021101104	<u>A63B 21 /-</u>	2021101022
2021101015	<u>A23L 13 /-</u>	2021101058	<u>A61M 11 /-</u>	2021101051	<u>B05D 1 /-</u>
<u>A01K 79 /-</u>	2020103914	2021101097	2021101022	<u>A63B 24 /-</u>	2021100099
2021100973	2021100690	2021101106	<u>A61M 15 /-</u>	2021101109	<u>B05D 3 /-</u>
2021101018		2021101109	2021101022	<u>A63B 69 /-</u>	2021100099
<u>A01N 25 /-</u>		<u>A61B 6 /-</u>		2021101051	
2021100581		2021100932			
<u>A01N 37 /-</u>		<u>A61B 7 /-</u>			
2021101021		2021101042			

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<u>B05D 7 /-</u>	<u>B60K 6 /-</u>	<u>B65D 43 /-</u>	<u>C02F 1 /-</u>	<u>C05F 5 /-</u>	<u>C12N 15 /-</u>
2021100099	2021101068	2021100991	2021100320	2021101074	2021100674
<u>B09B 3 /-</u>	<u>B60L 1 /-</u>	2021101094	2021100801	<u>C05G 1 /-</u>	2021100990
2021100549	2021100914	<u>B65D 5 /-</u>	2021100860	2021101021	2021101115
2021100550	<u>B60L 53 /-</u>	2021100991	2021100866	<u>C05G 3 /-</u>	<u>C12N 5 /-</u>
<u>B21D 26 /-</u>	2021101068	<u>B65D 55 /-</u>	2021100897	2021101030	2021101090
2021100534	2021101117	2021100976	2021100898	<u>C05G 5 /-</u>	<u>C12N 9 /-</u>
<u>B21D 53 /-</u>	<u>B60L 58 /-</u>	<u>B65D 59 /-</u>	2021100969	2021101074	2021100674
2021100534	2021101068	2021100976	2021101066	<u>C07D 231 /-</u>	2021101115
<u>B22F 3 /-</u>	<u>B60R 9 /-</u>	<u>B65D 71 /-</u>	<u>C02F 101 /-</u>	2021101116	<u>C12Q 1 /-</u>
2021100445	2021100976	2021100938	2021100320	<u>C07D 277 /-</u>	2021100967
<u>B23D 21 /-</u>	<u>B60W 20 /-</u>	<u>B65D 81 /-</u>	2021100801	2021101116	2021100968
2021101080	2021101068	2021101099	2021100866	<u>C07D 401 /-</u>	2021100975
<u>B23P 19 /-</u>	<u>B62B 1 /-</u>	<u>B65D 85 /-</u>	2021100897	2021101116	2021100990
2021101062	2021100905	2021100938	2021100898	<u>C07D 401 /-</u>	2021101036
<u>B25B 13 /-</u>	<u>B62D 57 /-</u>	2021101099	<u>C02F 11 /-</u>	2021101116	2021101054
2021100956	2021100898	<u>B65D 90 /-</u>	2021100860	2021101116	2021101105
<u>B25B 21 /-</u>	<u>B63B 79 /-</u>	2021101114	<u>C02F 3 /-</u>	<u>C07K 1 /-</u>	<u>C12R 1 /-</u>
2021101062	2021100933	<u>B65F 1 /-</u>	2021100801	2021100974	2021100996
<u>B25B 23 /-</u>	<u>B63H 11 /-</u>	2021101094	2021100860	<u>C07K 14 /-</u>	<u>C22C 1 /-</u>
2021100956	2021100933	<u>B65G 51 /-</u>	2021100969	2021100443	2021100445
<u>B25J 9 /-</u>	<u>B63H 25 /-</u>	2021100942	<u>C02F 9 /-</u>	2021100974	<u>C22C 21 /-</u>
2021101062	2021100933	<u>B66B 1 /-</u>	<u>C04B 103 /-</u>	<u>C08J 3 /-</u>	2021100445
<u>B26B 13 /-</u>	<u>B64C 27 /-</u>	2021100918	2021101063	2021101074	<u>C22C 38 /-</u>
2021101080	2021100980	<u>B82Y 30 /-</u>	<u>C04B 111 /-</u>	<u>C08K 11 /-</u>	2020102255
<u>B28B 1 /-</u>	<u>B64C 39 /-</u>	2021100550	2021101061	2021101074	<u>C22F 1 /-</u>
2021101063	2021100911	<u>B82Y 35 /-</u>	2021101063	<u>C08K 3 /-</u>	2021100534
<u>B28C 5 /-</u>	2021100912	2021100552	<u>C04B 14 /-</u>	2021101074	<u>C25D 9 /-</u>
2021101061	2021101025	<u>B82Y 40 /-</u>	2021100549	<u>C09D 123 /-</u>	2021100992
2021101063	<u>B64D 1 /-</u>	2021100550	2021101063	2021100099	<u>D01D 5 /-</u>
<u>B28C 7 /-</u>	2021100980	2021100552	<u>C04B 28 /-</u>	<u>C09D 127 /-</u>	2021100727
2021101061	<u>B64D 47 /-</u>	<u>C01B 25 /-</u>	2021100549	2021100099	<u>D01F 8 /-</u>
2021101063	2021100979	2021100741	2021101061	<u>C09D 177 /-</u>	2021100727
<u>B28C 9 /-</u>	<u>B64D 7 /-</u>	<u>C01B 3 /-</u>	2021101063	2021100099	<u>E01F 9 /-</u>
2021101061	2021100911	2021100966	<u>C04B 38 /-</u>	<u>C09D 195 /-</u>	2021101033
<u>B29C 63 /-</u>	2021100912	<u>C01B 32 /-</u>	2021101061	2021100099	<u>E01H 1 /-</u>
2021100939	<u>B64G 1 /-</u>	2021100549	<u>C05D 9 /-</u>	<u>C09D 5 /-</u>	2021101087
<u>B60D 1 /-</u>	2021100973	2021100550	2021101030	2021100099	<u>E02B 11 /-</u>
2021101088	<u>B65B 67 /-</u>	2021100552	<u>C05F 11 /-</u>	<u>C10B 53 /-</u>	2021101043
	2021100938	<u>C01G 19 /-</u>	2021101029	2021100550	<u>E02B 13 /-</u>
		2021100320	<u>C05F 17 /-</u>	<u>C12N 1 /-</u>	2021101043
			2021101029	2021100996	

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2021101110	2021100997	2021100801	2021100937	2021101025	
<u>E02D 29 /-</u>	<u>E05B 47 /-</u>	<u>F03D 1 /-</u>	<u>G01C 13 /-</u>	<u>G01W 1 /-</u>	<u>G06F 21 /-</u>
2021101110 2021101112	2021100915	2021101098	2021100979	2021100962 2021101002	2021100913 2021100984 2021100988 2021101032
<u>E02F 3 /-</u>	<u>E05B 83 /-</u>	<u>F03D 13 /-</u>	<u>G01C 15 /-</u>	<u>G02B 21 /-</u>	
2021100978	2021100976	2021101098	2021100979	2021100922	
<u>E02F 9 /-</u>	<u>E05C 19 /-</u>	<u>F04D 29 /-</u>	<u>G01K 7 /-</u>	<u>G02B 27 /-</u>	<u>G06F 3 /-</u>
2021100978	2021100976	2021101003	2021100925	2021100980	2021100918 2021100920 2021100994 2021101005 2021101012 2021101064
<u>E04B 1 /-</u>	<u>E05F 15 /-</u>	<u>F16L 55 /-</u>	<u>G01L 5 /-</u>	<u>G04B 37 /-</u>	
2021100906 2021100995 2021101046 2021101050	2021101077	2021100939 2021100942 2021100976	2021100933	2021100999	
	<u>E06B 9 /-</u>	<u>F16L 58 /-</u>	<u>G01M 99 /-</u>	<u>G04C 3 /-</u>	<u>G06F 30 /-</u>
	2021101077	2021100939	2021101024	2021100999	2021101024 2021101111
<u>E04B 2 /-</u>	<u>E21B 21 /-</u>	<u>F16M 11 /-</u>	<u>G01N 1 /-</u>	<u>G04G 17 /-</u>	
2021100995 2021101050	2021101093	2021100917	2021101036 2021101049	2021100999	<u>G06F 40 /-</u>
<u>E04B 5 /-</u>	<u>E21B 33 /-</u>	<u>F16M 13 /-</u>	<u>G01N 15 /-</u>	<u>G05B 13 /-</u>	2021100901 2021100920 2021101011
2021100906	2021100934 2021100935	2021100917	2021101049 2021101054	2021100384 2021100921	
<u>E04C 2 /-</u>	<u>E21B 43 /-</u>	<u>F24F 7 /-</u>	<u>G01N 27 /-</u>	<u>G05B 19 /-</u>	<u>G06F 7 /-</u>
2021100906 2021101063	2021100934 2021100935 2021100936 2021101093	2021101046	2021101048	2021100898 2021100998 2021101062	2021100948
<u>E04C 3 /-</u>		<u>F24S 20 /-</u>	<u>G01N 3 /-</u>		<u>G06F 8 /-</u>
2021100997	<u>E21B 7 /-</u>	2019101792	2021101004	<u>G05B 23 /-</u>	2021100923
<u>E04D 13 /-</u>	2021100936 2021101093	<u>F25B 21 /-</u>	<u>G01N 33 /-</u>	2021100314 2021100384 2021101117	<u>G06F 9 /-</u>
2021100995		2021101099	2021100443 2021100957 2021100973 2021100975 2021101002 2021101036 2021101048 2021101049 2021101054		2021100901 2021100920
<u>E04D 3 /-</u>	<u>E21D 19 /-</u>	<u>F25D 11 /-</u>		<u>G05B 9 /-</u>	<u>G06K 19 /-</u>
2021100995	2021100972	2021101099		2021100314	2021101050
<u>E04F 13 /-</u>	<u>E21D 23 /-</u>	<u>F26B 15 /-</u>		<u>G05D 1 /-</u>	<u>G06K 7 /-</u>
2021101063	2021100972	2019101792		2021100898 2021100912	2021101050
<u>E04F 21 /-</u>	<u>E21D 9 /-</u>	<u>F26B 21 /-</u>	<u>G01R 1 /-</u>		<u>G06K 9 /-</u>
2021100905	2021100936	2019101792	2021101040	<u>G06F 11 /-</u>	2021100892 2021100893 2021101012 2021101072 2021101073 2021101078
<u>E04H 1 /-</u>	<u>E21F 11 /-</u>	<u>F26B 25 /-</u>	<u>G01R 31 /-</u>	2021100384	
2021100997	2021100998	2019101792	2021101117	<u>G06F 13 /-</u>	
<u>E04H 12 /-</u>	<u>E21F 17 /-</u>	<u>F26B 3 /-</u>	<u>G01S 13 /-</u>	2021100920	
2021101033	2021100934 2021100935 2021100998	2019101792	2021101013	<u>G06F 16 /-</u>	<u>G06N 20 /-</u>
<u>E04H 17 /-</u>		<u>F28F 3 /-</u>	<u>G01S 15 /-</u>	2021100901 2021101011 2021101037 2021101044 2021101097	2021100314 2021100384 2021100895 2021100901 2021100920 2021100962 2021100988 2021101097 2021101117
2021100099 2021101001 2021101059 2021101112	<u>E21F 7 /-</u>	2021100925	2021101025		
<u>E04H 4 /-</u>	2021100934 2021100935 2021100936	<u>F42C 19 /-</u>	<u>G01S 19 /-</u>	<u>G06F 17 /-</u>	
2021101001		2021100786	2021100964	2021100919 2021100952	

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<u>G06N 3 /-</u>	<u>G06Q 90 /-</u>	2021100912	2021101034	<u>H01Q 9 /-</u>	2021101064
2021100892	2021100971	2021100915	<u>G16Y 20 /-</u>		2021101106
2021100919	2021101044	2021100954		2016102459	<u>H04M 3 /-</u>
2021100921		<u>G08G 1 /-</u>	2021100982	2021100926	
2021100932	<u>G06T 1 /-</u>		2021100986	2021101089	2021101069
2021100962		2021101076	2021101042	<u>H01R 4 /-</u>	<u>H04N 19 /-</u>
2021101038	2021100948	<u>G09B 21 /-</u>	<u>G16Y 30 /-</u>		
2021101072	<u>G06T 7 /-</u>			2021101027	2021100948
2021101111		2021100994	2021100913	<u>H02B 1 /-</u>	<u>H04N 5 /-</u>
<u>G06N 5 /-</u>	2021100892	<u>G09B 5 /-</u>	<u>G21F 5 /-</u>		
	2021100893			2021101040	2021100912
2021100896	2021100932	2021101039		<u>H02J 50 /-</u>	<u>H04N 7 /-</u>
2021100923	2021100952	2021101057	<u>G21F 7 /-</u>		
2021101037	2021100973	<u>G09C 1 /-</u>		2021100913	2021101039
2021101041	2021101062		2021101052	<u>H02J 7 /-</u>	2021101062
2021101044	2021101072	2021100948	<u>G21F 9 /-</u>		<u>H04Q 9 /-</u>
<u>G06N 7 /-</u>	<u>G08B 1 /-</u>	<u>G09C 5 /-</u>		2021100914	
	2021100982	2021100948	2021101052	2021101068	2021101002
2021100988	2021101025		<u>H01G 11 /-</u>	2021101083	2021101013
<u>G06Q 10 /-</u>		<u>G09F 27 /-</u>		2021101117	<u>H04R 1 /-</u>
	<u>G08B 13 /-</u>		2021100550	<u>H02M 3 /-</u>	
2016102458		2021100970	<u>H01L 35 /-</u>		2021101005
2021100757	2021100893	<u>G09F 7 /-</u>		2021100914	2021101025
2021100896	2021100915		2021100914	<u>H02S 20 /-</u>	<u>H04W 16 /-</u>
2021100919	<u>G08B 17 /-</u>	2021101033	2021101102		
2021100920		<u>G10D 1 /-</u>	<u>H01M 10 /-</u>	2021100895	2021101111
2021100921	2021100893			<u>H03K 17 /-</u>	<u>H04W 28 /-</u>
2021100923	<u>G08B 19 /-</u>	2021101007	2021101028		
2021100973		<u>G10D 3 /-</u>	2021101083	2021101005	2021101073
2021100984	2021100982		<u>H01M 4 /-</u>	<u>H04B 1 /-</u>	<u>H04W 4 /-</u>
2021101018	2021101079	2021101007			
2021101044	<u>G08B 21 /-</u>		2021101083	2021100900	2021100314
2021101045		<u>G10L 13 /-</u>		<u>H04B 7 /-</u>	2021100915
2021101060	2021100314		<u>H01M 50 /-</u>		2021100954
2021101071	2021100893	2021100994		2021101111	2021100998
<u>G06Q 20 /-</u>	2021100954	2021101012	<u>H01M 6 /-</u>	<u>H04K 3 /-</u>	2021101002
	2021100982	<u>G10L 15 /-</u>			2021101013
2021101032	2021100986		2021101094		<u>H04W 40 /-</u>
2021101064	2021100998	2021100994		2021100964	
<u>G06Q 30 /-</u>	2021101002	2021101012	<u>H01P 5 /-</u>	<u>H04L 12 /-</u>	2021101073
	2021101013	<u>G10L 21 /-</u>			<u>H04W 48 /-</u>
2021100920	2021101025		2021100900	2021100915	
2021100923		2021101012	<u>H01Q 1 /-</u>	2021100920	2021101069
2021101032	<u>G08B 23 /-</u>	<u>G16B 30 /-</u>		2021101039	<u>H04W 52 /-</u>
2021101037			2016102459	2021101081	
2021101064	2021100982	2021100990	2021100926	<u>H04L 29 /-</u>	2021101069
2021101095	2021101025	<u>G16H 20 /-</u>	2021101089		2021101073
<u>G06Q 40 /-</u>	2021101079		<u>H01Q 13 /-</u>	2021100954	<u>H04W 72 /-</u>
	<u>G08B 25 /-</u>	2021100144		2021100959	
2016102458		2021101106	2016102459	2021100998	2021101111
<u>G06Q 50 /-</u>	2021100893	2021101109	2021100926	2021101013	<u>H04W 74 /-</u>
	2021100954	<u>G16H 50 /-</u>		2021101039	
2021100757	2021100998		<u>H01Q 15 /-</u>	<u>H04L 9 /-</u>	2021100913
2021100896	2021101002	2021100932			<u>H04W 76 /-</u>
2021100901		2021101013	2021100926	2021100948	
2021100919	<u>G08B 3 /-</u>	2021101034		2021100984	2021101069
2021100920		2021101042	2016102459	2021101071	
2021100930	2021101002	<u>G16H 80 /-</u>	<u>H01Q 5 /-</u>	<u>H04M 1 /-</u>	<u>H04W 8 /-</u>
2021100962	<u>G08B 5 /-</u>				
2021100973		2021100982	2021100926	2021100994	2021101069
2021101018	2021101002				
2021101037	<u>G08C 17 /-</u>				
2021101039					
2021101041					
2021101106	2021100898				

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2021100959
2021100998
2021101002
2021101073

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2021100900
2021100998
2021101002
2021101069

No IPC Mark

PCT applications which have entered the National Phase

Name Index

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

(71) 1Globe Biomedical Co., Ltd.; 1Globe Health Institute LLC
 (11) AU-A-2019343922
 (21) 2019343922 (22) 18.09.2019
 (54) Treatment for obesity
 (51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/438 (2006.01)
A61K 31/501 (2006.01)
 (87) WO2020/061231
 (31) 62/732,650 (32) 18.09.18 (33) US
 (43) 26.03.2020
 (72) LI, Chiang J.; DERDAK, Zoltan; STEVANOVIC, Darko; LIU, Jifeng
 (74) Spruson & Ferguson

(71) 1 Globe Biomedical Co., Ltd.; 1 Globe Health Institute LLC
 (11) AU-A-2019345297
 (21) 2019345297 (22) 18.09.2019
 (54) Treatment for non-alcoholic fatty liver disease
 (51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/438 (2006.01)
A61K 31/501 (2006.01)
 (87) WO2020/061232
 (31) 62/732,644 (32) 18.09.18 (33) US
 (43) 26.03.2020
 (72) LI, Chiang J.; DERDAK, Zoltan; LIU, Jifeng
 (74) Spruson & Ferguson

(71) AdvanSix Resins & Chemicals LLC
 (11) AU-A-2019347587
 (21) 2019347587 (22) 18.09.2019
 (54) Ammonium sulfate fertilizer with water-soluble micronutrients
 (51) Int. Cl.
C05C 3/00 (2006.01)
C05B 11/00 (2006.01)
C05D 5/00 (2006.01)
 (87) WO2020/068515
 (31) 62/737,147 (32) 27.09.18 (33) US
 (43) 02.04.2020
 (72) AZIMOVA, Maria A.; YUAN, Huajun; WILLIAMS, Stephanie; FREDERICKS, Julianne
 (74) Davies Collison Cave Pty Ltd

(71) Airbus Defence and Space SAS
 (11) AU-A-2019324460
 (21) 2019324460 (22) 12.08.2019
 (54) Space vehicle, launcher and stack of space vehicles
 (51) Int. Cl.
B64G 1/10 (2006.01)
B64G 1/66 (2006.01)
B64G 1/50 (2006.01)

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A01G 9/00 (2018.01)
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A61P 33/10 (2006.01)
C07D 241/42 (2006.01)
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A47J 31/46 (2006.01)
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H01R 39/36 (2006.01)
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A61K 31/7084 (2006.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
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B32B 27/30 (2006.01)
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F26B 3/04 (2006.01)
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A61K 47/34 (2017.01)
A61K 47/54 (2017.01)
A61K 47/56 (2017.01)
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C12N 15/113 (2010.01)
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 (54) Pilot-operated relief valve assembly
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F16K 17/10 (2006.01)
F16K 31/122 (2006.01)
G05D 16/16 (2006.01)
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G08B 6/00 (2006.01)
B81B 3/00 (2006.01)
G06F 3/01 (2006.01)
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C12M 1/12 (2006.01)
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(54) Method and system for indexing of time-series data
(51) Int. Cl.
G06F 16/901 (2019.01)
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(31) 2018903274 **(32)** 04.09.18 **(33)** AU
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(72) RYAN, David; PONGRACZ, Quenton
(74) FAL PATENTS PTY LTD
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(11) AU-A-2019334939
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(51) Int. Cl.
A61K 31/575 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/4439 (2006.01)
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A61P 3/00 (2006.01)
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A61P 25/00 (2006.01)
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C07D 405/14 (2006.01)
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B60Q 9/00 (2006.01)
B60T 7/12 (2006.01)
B60T 8/171 (2006.01)
B60T 8/175 (2006.01)
G06K 9/00 (2006.01)
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B29C 65/14 (2006.01)
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H04L 5/00 (2006.01)
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H04N 19/159 (2014.01)
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C01G 53/00 (2006.01)
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C10G 45/06 (2006.01)
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C10G 45/48 (2006.01)
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C12R 1/85 (2006.01)
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B60K 37/06 (2006.01)
B60T 8/26 (2006.01)
G05G 1/08 (2006.01)
H01H 9/18 (2006.01)
H01H 19/00 (2006.01)
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G06F 7/02 (2006.01)
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C12P 7/16 (2006.01)
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F21L 4/04 (2006.01)
F21V 29/503 (2015.01)
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A61K 47/69 (2017.01)

A61P 35/00 (2006.01)

C07K 14/82 (2006.01)

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A01N 35/06 (2006.01)

C07D 401/06 (2006.01)

C07D 401/10 (2006.01)

C07D 401/14 (2006.01)

C07D 403/06 (2006.01)

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A61P 31/04 (2006.01)
C12N 1/21 (2006.01)
C12N 15/863 (2006.01)
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A61P 17/00 (2006.01)
A61P 17/02 (2006.01)
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C07K 14/81 (2006.01)
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G05F 1/10 (2006.01)
H01F 30/14 (2006.01)
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A61K 31/445 (2006.01)
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B01J 23/10 (2006.01)
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C07C 11/167 (2006.01)
C07C 29/76 (2006.01)
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G16H 10/40 (2018.01)
G16H 20/10 (2018.01)
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B60K 15/03 (2006.01)
F16K 31/12 (2006.01)
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B01L 9/06 (2006.01)
G01F 1/684 (2006.01)
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G06T 7/11 (2017.01)
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G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
H02J 7/02 (2016.01)
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H04W 4/80 (2018.01)
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C12N 5/10 (2006.01)
A61K 35/15 (2015.01)
A61P 35/00 (2006.01)
C12N 5/0786 (2010.01)
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(74) Origin Patent and Trade Mark Attorneys
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G06Q 20/02 (2012.01)

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Numerical Index

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2018443210	Techtronic Cordless GP	2019334284	Rommelag iLabs GmbH
2018443227	CRRC Qishuyan Institute Co., Ltd.	2019334576	TRiCares SAS
2018443832	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019334939	Galmed Research and Development Ltd.
2018443896	Hager-Electro SAS	2019334997	Becton, Dickinson and Company
2018443944	Honda Motor Company, Ltd.	2019335193	Yield10 Bioscience, Inc.
2018444089	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019335421	Megawall Pty Ltd
2018444155	Integra LifeSciences Corporation	2019335515	Viome, Inc.
2018444156	Integra LifeSciences Corporation	2019336148	Momenta Pharmaceuticals, Inc.
2018445588	Sumitomo Electric Industries, Ltd.	2019336214	The Trustees of the University of Pennsylvania; Kira Pharmaceuticals (US) LLC
2018445738	Huawei Technologies Co., Ltd.	2019336235	Uptake Technologies, Inc.
2018445753	Techtronic Cordless GP	2019336426	Nanjing UMa-Biopharma Co., Ltd.
2018446068	Avalon HepaPOC Limited	2019337051	Daiichi Sankyo Company, Limited
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2018448468	Mediform Italia S.r.l.	2019337358	Komatsu Forest AB
2018449220	Applied Medical Resources Corporation	2019337639	Joy Global Underground Mining LLC
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2018451607	Essity Hygiene and Health Aktiebolag	2019338207	Mirati Therapeutics, Inc.
2018452056	Essity Hygiene and Health Aktiebolag	2019338416	AKSO Biopharmaceutical, Inc.; The Board of Trustees of the Leland Stanford Junior University
2019302938	Alipay (Hangzhou) Information Technology Co., Ltd.	2019338441	Sealed Air Corporation (US)
2019302939	Alipay (Hangzhou) Information Technology Co., Ltd.	2019338462	Neuralink Corp.
2019302940	Alipay (Hangzhou) Information Technology Co., Ltd.	2019338554	Ubiquitous Energy, Inc.
2019324460	Airbus Defence and Space SAS	2019338570	Huawei Technologies Co., Ltd.
2019325602	Hexagon Purus North America Holdings Inc.	2019338643	Landis+Gyr AG
2019325964	Citrix Systems, Inc.	2019339430	ModernaTX, Inc.
2019327262	HK inno.N Corporation	2019339536	PureTech LYT 100, Inc.
2019327340	Star Luminal LLC	2019339777	Novartis AG
2019327451	Canada Mining Innovation Council	2019339909	Zillion Insurance Services, Inc.
2019327569	TCR2 Therapeutics Inc.	2019339920	Orthocell Limited
2019327577	Bleu Tech Enterprises, Inc.	2019340161	ENEOS Corporation; Oji Holdings Corporation
2019327668	Walnab Pty Ltd	2019340256	Baker Hughes Holdings LLC
2019328297	OMS Investments, Inc.	2019340436	Mirati Therapeutics, Inc.
2019328324	Dyax Corp.	2019340651	Mars, Incorporated
2019328766	JPMorgan Chase Bank, N.A.	2019340665	The Climate Corporation
2019328903	HK Inno.N Corporation	2019342131	Totient, Inc.
2019329524	Avent, Inc.	2019342299	Shoulder Friends Institute
2019329655	LG Electronics Inc.	2019342959	Masterbuilt Manufacturing, LLC
2019329703	Hair Plus Health LLC	2019343079	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2019329909	Hydro Power Equipment (Pty) Ltd	2019343131	Icahn School of Medicine at Mount Sinai; The Methodist Hospital
2019329962	Shah Technologies, LLC	2019343296	Fermentationexperts A/S
2019330032	The Climate Corporation	2019343425	Huawei Technologies Co., Ltd.
2019330558	Holder Industries Limited	2019343578	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2019330732	Choo, P.	2019343653	Shanghai Jinchun Medical & Pharmaceutical Technology Co., Ltd.
2019330831	CorMedix Inc.	2019343922	1Globe Biomedical Co., Ltd.; 1Globe Health Institute LLC
2019331058	Sirnaomics, Inc.	2019343955	Goodster FMCG Holdings Pty Ltd
2019331726	Meiring, P.	2019343965	Arizona Board of Regents on behalf of The University of Arizona
2019331756	Noris Medical Ltd.	2019344239	LG Chem, Ltd.
2019331886	FUJIFILM Irvine Scientific, Inc.	2019344274	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2019331913	CorMedix Inc.	2019344561	Inventio AG
2019332103	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin	2019344574	Versalis S.p.A.
2019332564	OPUM Technologies Limited	2019344905	Metacrine, Inc.
2019332674	CareFusion 303, Inc.	2019344928	Goldfinch Bio, Inc.
2019332894	PGS Geophysical AS	2019345038	Horsepower Technologies, Inc.
2019332913	Citrix Systems, Inc.	2019345141	The Royal Institution for the Advancement of Learning/McGill University; Aviex Technologies LLC
2019333012	King's College London		
2019333020	Cellix Bio Private Limited		
2019333326	Ohio State Innovation Foundation		
2019333525	Avery Dennison Corporation		
2019333921	Future Grid Pty Ltd		
2019333922	TRiiON Holdings Pty Ltd		

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2019345151	Alpine Immune Sciences, Inc.	2019350313	Dai Nippon Printing Co., Ltd.
2019345297	1 Globe Biomedical Co., Ltd.; 1 Globe Health Institute LLC	2019350380	Schreder S.A.
2019345330	NightstaRx Limited	2019350422	Heineken Supply Chain B.V.
2019345882	LOCK-A-BLOCK (N.I.) LIMITED	2019350454	iTeos Belgium SA
2019345964	Promecon Process Measurement Control GmbH	2019350466	Pierre Fabre Medicament
2019346024	Universite de Caen Normandie; Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique; Université de Montpellier	2019350718	The Curators of the University Of Missouri
2019346028	GenKyoTex Suisse SA	2019350783	Kalamazoo Holdings, Inc.
2019346108	Amarin Pharmaceuticals Ireland Limited	2019350847	Kalamazoo Holdings, Inc.
2019346396	URUGUS S.A.	2019350865	Lentigen Technology, Inc.
2019346403	Biovaxys LLC	2019350886	Strong Products Group, Ltd. d/b/a Connectrac
2019346421	Joy Global Underground Mining LLC	2019350984	Honeywell International Inc.
2019346447	California Institute of Technology	2019351017	Finch Therapeutics Holdings LLC.
2019346534	Rosemount Inc	2019351120	Bostik, Inc.
2019346535	Rosemount Inc	2019351162	Nokia Technologies Oy
2019346542	ICP Construction, Inc.	2019351255	Astellas Pharma Inc.
2019346547	Procyon Technologies LLC; University of Arizona	2019351264	ImaginAb, Inc.
2019346569	Geomni, Inc.	2019351295	The Board of Regents of The University of Texas System
2019346585	Astrocyte Pharmaceuticals, Inc.	2019351299	Emerson Automation Solutions Final Control US LP
2019346598	Tizona Therapeutics	2019351324	ZTE Corporation
2019346610	W. L. Gore & Associates, Inc.	2019351468	Mitsubishi Materials Corporation
2019346645	Marengo Therapeutics, Inc.	2019351568	Siemens Energy Global GmbH & Co. KG
2019346668	ShelterZoom Corp.	2019351577	Australian Rig Construction Holdings Pty Ltd
2019346848	Square, Inc.	2019351689	Zebra Technologies Corporation
2019346856	Spineex, Inc.	2019351761	Memjet Technology Limited
2019347290	Daikin Industries, Ltd.	2019351762	Memjet Technology Limited
2019347406	Asahi Kasei Pharma Corporation	2019351774	BASF SE
2019347422	Dai Nippon Printing Co., Ltd.	2019351887	Momentive Performance Materials Inc.
2019347423	Kabushiki Kaisha Yakult Honsha	2019351894	Sense Labs, Inc.
2019347587	AdvanSix Resins & Chemicals LLC	2019351917	Intellia Therapeutics, Inc.
2019347611	Forescout Technologies, Inc.	2019351960	Pfizer Inc.
2019347734	Apprente LLC	2019352067	Spinswitch Technologies, S.L.
2019347751	Xilio Development, Inc.	2019352407	Samsung Electronics Co., Ltd.
2019347864	President and Fellows of Harvard College	2019352450	Glacium Inc.
2019347871	Allegiance Corporation	2019352457	Reed Advanced Materials Pty Ltd
2019348038	Turncare, Inc.	2019352632	Krajancich, J.
2019348193	AU ENVIRONMENTAL PTY LTD	2019352637	Woodside Energy Technologies Pty Ltd
2019348194	Griffith University; Research Institute at Nationwide Children's Hospital	2019352650	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019348201	Valideck International	2019352676	Memjet Technology Limited
2019348279	Schreder S.A.	2019352721	Echosens
2019348435	Roquette Freres	2019352788	The Electrospinning Company Ltd.
2019348613	IFP Energies nouvelles	2019352957	Pneuma Respiratory, Inc.
2019348728	Plastic Energy Limited	2019353005	Georgetown University
2019348761	Guangzhou Xaircraft Technology Co., Ltd.	2019353041	Memjet Technology Limited
2019348793	Nokia Technologies Oy	2019353114	Pharmacophotonics, Inc., d/b/a FAST BioMedical
2019348828	Hughes Safety Showers Limited; Celant-Tel S.R.L. LLC	2019353359	Mitsubishi Chemical Corporation
2019349198	Shenyang Sinochem Agrochemicals R&D Co., Ltd.	2019353369	Maintech Co., Ltd.
2019349201	Jiangsu Gensciences Inc.	2019353535	D.I.T Technologies Ltd
2019349329	Sumitomo Dainippon Pharma Co., Ltd.	2019353668	Haldor Topsøe A/S
2019349398	Forescout Technologies, Inc.	2019353742	Allflex Europe SAS
2019349421	Schlumberger Technology B.V.	2019353955	Creo Medical Limited
2019349545	BASF SE	2019354105	Genmab Holding B.V.
2019349624	Celon Pharma S.A.	2019354293	EquinEdge, LLC
2019349628	Bosonic AG	2019354296	Ultragenyx Pharmaceutical Inc.
2019349651	Celgene Corporation	2019354421	Capital One Services, LLC
2019349662	The Medical College of Wisconsin, Inc.; University Of Virginia Patent Foundation	2019354648	T-Mobile USA, Inc.
2019349676	Stryker Corporation	2019354677	Vestlandets Innovasjonsselskap AS
2019349770	CNH Industrial France S.A.S.	2019354714	Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin; LifeArc
2019349791	Orano Med	2019354797	Worcester Polytechnic Institute
2019349858	Splash About International Limited	2019354821	PackIt, LLC
2019349860	Imperial College Innovations Limited	2019354826	Geomni, Inc.
2019349874	Lyvgen Biopharma Co., Ltd.; Lyvgen Biopharma (Suzhou) Co., Ltd.	2019354829	Research Institute at Nationwide Children's Hospital
2019349915	Rosemount Inc	2019355136	Promega Corporation
2019349956	PhosphoGam Inc.	2019355429	IDEXX Laboratories, Inc.
2019350072	The University Of British Columbia	2019355546	Cutsforth, Inc.
2019350267	Schreder S.A.	2019355781	Illinois Tool Works Inc.
		2019355802	Equifax Inc.
		2019355909	Solera Holdings, Inc.
		2019355967	Cutsforth, Inc.
		2019355998	Landis+Gyr Innovations, Inc.

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

2019356101	Aumund Fördertechnik GmbH	2019363593	Baxalta Incorporated; Baxalta GmbH
2019356127	F. Hoffmann-La Roche AG	2019363720	Somfy Activites SA
2019356556	BASF SE	2019363782	Crem International Spain, S.L.
2019356564	Amgen Inc.	2019364545	Illumina, Inc.
2019356699	IHI Corporation	2019364598	Plasser & Theurer Export von Bahnbaumaschinen GmbH
2019356784	Ferrum Health, Inc.	2019364630	E. & J. Gallo Winery
2019357156	Korea Advanced Institute of Science and Technology	2019364708	Quantum Genomics; Institut National de la Sante et de la Recherche Medicale; Centre National de la Recherche Scientifique; College De France
2019357272	Nevo, J.	2019365102	Amgen Inc.
2019357419	Itron, Inc.	2019365212	Shire-NPS Pharmaceuticals, Inc.
2019357618	Terns, Inc.	2019365377	SCV-Spezial Chemikalien Vertrieb GmbH
2019357722	Itron, Inc.	2019365385	Syngenta Participations AG
2019357892	StoneAge, Inc.	2019365391	GlyCardial Diagnostics, S.L.; Fundació Institut de Recerca de L'Hospital de la Santa Creu i Sant Pau; Consejo Superior de Investigaciones Científicas
2019357929	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.		ConMed Corporation
2019357965	Boehringer Ingelheim International GmbH	2019366381	Step Pharma S.A.S.
2019357979	Presbyopia Therapies, Inc.	2019367191	Eisai R&D Management Co., Ltd.
2019358060	Ibex Biosciences, LLC	2019367536	Dana-Farber Cancer Institute, Inc.
2019358073	Pulse Biosciences, Inc.	2019368263	IGM Biosciences, Inc.
2019358075	Zimmer Biomet Spine, Inc.	2019368289	Bayer Animal Health GmbH
2019358184	Salk Institute for Biological Studies	2019368661	Haldor Topsøe A/S
2019358423	Syngenta Crop Protection AG	2019368665	Synerfuse, Inc.
2019358424	Philip Morris Products S.A.	2019369247	BASF SE
2019358428	Palacky University Olomouc	2019369659	Rev.com, Inc.
2019358606	Saturn Innovations Limited	2019370300	Huawei Technologies Co., Ltd.
2019358775	StoneAge, Inc.	2019370424	Biocompatibles UK Limited
2019358875	Monash University	2019370496	Assa Abloy AB
2019358878	Commonwealth Scientific and Industrial Research Organisation	2019370846	Assa Abloy AB
2019358885	Boehringer Ingelheim International GmbH	2019370968	Citrix Systems, Inc.
2019358889	Graco Minnesota Inc.	2019371770	Genmab A/S
2019358892	Andritz Inc.	2019371816	Diversey, Inc.
2019358893	BP Corporation North America Inc.	2019372066	Gelliner Limited
2019359187	Novozymes A/S	2019372211	Gilead Sciences, Inc.
2019359200	Veolia Water Solutions & Technologies Support	2019373244	Inventio AG
2019359204	Janssen Pharmaceuticals, Inc.	2019373296	Polyplus Transfection
2019359276	The University of North Carolina at Chapel Hill	2019373387	Assa Abloy AB
2019359375	Imbria Pharmaceuticals, Inc.	2019373983	EXEL Industries
2019359381	Imbria Pharmaceuticals, Inc.	2019375035	Gelita AG
2019359502	Heptares Therapeutics Limited	2019375455	The Procter & Gamble Company
2019359505	Eidgenössische Technische Hochschule Zürich	2019375905	Boston Scientific Neuromodulation Corporation
2019359539	Janssen BioPharma, Inc.	2019378702	Nouscom AG
2019359540	Pfizer Inc.	2019379306	Zebra Technologies Corporation
2019359896	Bolder Industries	2019380232	CHEP Technology Pty Limited
2019359900	ARRIS Enterprises LLC	2019380259	CHEP Technology Pty Limited
2019359988	BASF SE	2019380343	Navigo Proteins GmbH
2019360176	Encite LLC	2019380620	Boston Scientific Neuromodulation Corporation
2019360271	Kindred Biosciences, Inc.	2019381283	CHEP Technology Pty Limited
2019360341	Swissinnov Product SARL	2019381674	NEC Corporation
2019360377	Sandoz AG	2019382854	XaTek, Inc.
2019360428	Heptares Therapeutics Limited	2019384106	Société des Produits Nestlé S.A.
2019360553	BASF SE	2019384322	The Procter & Gamble Company
2019360630	BASF SE	2019386979	Boston Scientific SciMed, Inc.
2019360728	Ivory Graft Ltd.	2019388756	Janssen Sciences Ireland Unlimited Company
2019360911	Zhejiang University	2019389616	GPCP IP Holdings LLC
2019360941	Nimbus Lakshmi, Inc.	2019393773	Pixium Vision SA
2019361140	Depuy Ireland Unlimited Company	2019394802	Zebra Technologies Corporation
2019361281	MedImmune Limited	2019396253	Xnor.ai, Inc.
2019361320	Cancer Research Technology Limited	2019396427	Zebra Technologies Corporation
2019361539	Bionomics Limited	2019397995	Kubota Corporation
2019362453	DEHN SE + Co KG	2019404522	Philip Morris Products S.A.
2019362595	BASF SE	2019407661	Société des Produits Nestlé S.A.
2019362605	F. Hoffmann-La Roche AG	2019410888	FSF PTE LTD
2019362833	REGENXBIO Inc.	2019412558	Citrix Systems, Inc.
2019362880	Research Triangle Institute	2019416028	South China University of Technology
2019362883	Bayer HealthCare LLC	2019430859	Supracor, Inc.
2019362902	Albert Einstein College of Medicine	2019443791	Belding, R.
2019362977	Airgraft Inc.	2019444416	Servlink Technology Resources Pte Ltd
2019363013	OVD Kinigram AG	2019452785	Ganga, Y.
2019363059	Lazer Sport NV	2020203390	Bartrom, M.
2019363061	FrieslandCampina Nederland B.V.		
2019363064	Depuy Ireland Unlimited Company		
2019363569	BASF SE		

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

2020210532	Büdenbender, A.
2020210974	Capital One Services, LLC
2020225233	RKW SE
2020225452	One Home Brands, Inc.
2020231007	Illumina, Inc.; Illumina Cambridge Limited
2020231185	Health Arx Technologies Pvt. Ltd.
2020231246	Illumina, Inc.
2020250052	Nichiha Corporation
2020251260	Sumitomo Osaka Cement Co., Ltd.
2020254456	Nichiha Corporation
2020264282	Coupang Corp.
2020264356	Coupang Corp.
2020282883	LG Chem, Ltd.
2020294218	Institute of Resources Comprehensive Utilization, Guangdong Academy of Sciences
2020347332	Institute of Animal Science, Guangdong Academy of Agricultural Sciences

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<u>A01B 79 I/-</u>	<u>A01N 65 I/-</u>	<u>A23P 30 I/-</u>	<u>A61B 10 I/-</u>	<u>A61F 2 I/-</u>	2019358875
2019340665	2019452785	2019343955	2019353742	2019334576	2019359276
<u>A01C 11 I/-</u>	<u>A01P 7 I/-</u>	<u>A24B 15 I/-</u>	<u>A61B 17 I/-</u>	2019337734	2019359375
2020203390	2019349545	2019358424	2018448387	2019337866	2019359539
<u>A01C 21 I/-</u>	<u>A23C 9 I/-</u>	<u>A24F 47 I/-</u>	2018449639	2019346547	2019360377
2019340665	2019347423	2019362977	2019338462	2019346856	2019360428
<u>A01C 7 I/-</u>	<u>A23F 3 I/-</u>	<u>A42B 3 I/-</u>	2019342299	2019360728	2019360941
2019340665	2019384322	2018444156	2019343653	2019388756	2019362880
2019348761		2019363059	2019346610	<u>A61F 5 I/-</u>	2019363569
<u>A01D 46 I/-</u>	<u>A23J 1 I/-</u>	<u>A43B 13 I/-</u>	2019358075	2019348038	2019364545
2019349770	2019348435	2019354797	<u>A61B 18 I/-</u>	2019370496	2019364708
2020203390	<u>A23J 3 I/-</u>	<u>A43B 5 I/-</u>	2018449220	<u>A61G 5 I/-</u>	2019367191
<u>A01G 2 I/-</u>	<u>A23K 10 I/-</u>	<u>A44B 19 I/-</u>	2019353955	2019438812	2019367536
2020203390	2019343296	2019329962	2019358073	<u>A61G 7 I/-</u>	2019368263
<u>A01G 3 I/-</u>	2020347332	<u>A45C 7 I/-</u>	2019370496	2019348038	2019368661
2020203390	<u>A23K 20 I/-</u>	2019354821	<u>A61B 3 I/-</u>	<u>A61G 5 I/-</u>	2019373244
<u>A01G 31 I/-</u>	<u>A23K 50 I/-</u>	<u>A47B 7 I/-</u>	2019332103	2019438812	2019373387
2020203390	2019353535	2019381674	<u>A61B 34 I/-</u>	<u>A61H 35 I/-</u>	2019386979
<u>A01G 9 I/-</u>	2020347332	<u>A47B 88 I/-</u>	2019338462	2019348828	2019389616
2020203390	2019353535	2019329655	<u>A61B 5 I/-</u>	<u>A61J 1 I/-</u>	2019407661
<u>A01H 5 I/-</u>	<u>A23L 11 I/-</u>	<u>A47C 16 I/-</u>	2018449639	2019357979	<u>A61K 35 I/-</u>
2019335193	2019343955	2019438812	2019329524	<u>A61K 101 I/-</u>	2019327569
<u>A01K 11 I/-</u>	2019348435	<u>A47C 20 I/-</u>	2019332564	2019365377	2019345330
2019353742	2019410888	2019438812	2019334997	<u>A61K 103 I/-</u>	2019346403
<u>A01K 29 I/-</u>	<u>A23L 19 I/-</u>	<u>A47C 27 I/-</u>	2019350718	2019365377	2019346547
2019345038	2019343955	2019438812	2019351295	<u>A61K 31 I/-</u>	2019349956
<u>A01K 67 I/-</u>	<u>A23L 2 I/-</u>	<u>A47C 31 I/-</u>	2019353114	2019327262	2019351017
2019354677	2019384322	2019438812	2019356127	2019328903	2019351255
<u>A01N 25 I/-</u>	<u>A23L 33 I/-</u>	<u>A47J 31 I/-</u>	<u>A61B 50 I/-</u>	2019330831	2019360728
2019351774	2019343296	2019363782	2019361140	2019331058	2019360911
2019351887	2019363061	<u>A47J 37 I/-</u>	2019363064	2019331913	2019363593
2019365385	2019384322	2019342959	<u>A61B 8 I/-</u>	2019333020	<u>A61K 36 I/-</u>
<u>A01N 35 I/-</u>	<u>A23L 5 I/-</u>	<u>A47J 43 I/-</u>	2018449639	2019334939	2019334213
2019358423	2019343955	2019410888	2019352721	2019337051	2019349956
<u>A01N 43 I/-</u>	<u>A23L 7 I/-</u>	<u>A47K 3 I/-</u>	<u>A61B 90 I/-</u>	2019338207	<u>A61K 38 I/-</u>
2019344928	2019343955	2019348828	2018444155	2019339536	2019331913
2019349545	<u>A23N 15 I/-</u>		2018444156	2019339777	2019336426
2019351774			<u>A61C 1 I/-</u>	2019340436	2019338416
2019363569			2019331756	2019343922	2019345151
2019365385			<u>A61F 13 I/-</u>	2019344905	2019347406
				2019345297	2019349201
				2019346024	2019349329
				2019346028	2019349874
				2019346108	2019350072
				2019347406	2019350466
				2019348194	2019353005
				2019349624	2019358184
				2019349860	2019359502
				2019350072	2019363593
				2019350454	2019365212
				2019351917	2019375455
				2019351960	<u>A61K 39 I/-</u>
				2019357618	2019336214
				2019357979	2019336426
					2019342131
					2019343131
					2019345141
					2019346645
					2019349329
					2019349651
					2019349874
					2019350072

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

2019350466	2019363593	<u>A61P 13 /-</u>	2019351255	<u>B01D 19 /-</u>	<u>B01L 9 /-</u>
2019350865	2019367536		2019354105		
2019351255	2019373387	2019367536	2019359502	2019331886	2019384106
2019354105	2019386979		2019360911		
2019354714		<u>A61P 17 /-</u>	2019361281	<u>B01D 36 /-</u>	<u>B02C 17 /-</u>
2019356564	<u>A61L 2 /-</u>		2019367191	2019331886	2019327451
2019358875		2019350072	2019371816		
2019359540	2019331886	2019358875		<u>B01D 61 /-</u>	<u>B02C 7 /-</u>
2019360271	2019357965	2019360428	<u>A61P 37 /-</u>		
2019362902	2019358885			2019331886	2019358892
2019365212		<u>A61P 25 /-</u>	2019349874	2019352457	
2019368289	<u>A61L 27 /-</u>		2019354829		<u>B04C 5 /-</u>
2019371816		2019346024	2019358184	<u>B01D 63 /-</u>	
	2019337734	2019346028	2019358875		2019348193
<u>A61K 45 /-</u>	2019339920	2019347406	2019360941	2019331886	
	2019346547	2019349624			<u>B05B 1 /-</u>
2019339536	2019352788	2019351017	<u>A61P 43 /-</u>	<u>B01F 1 /-</u>	2019357892
2019349860	2019360728	2019354714		2019331886	
2019351255		2019361539	2019337051		<u>B05B 11 /-</u>
2019353005	<u>A61M 1 /-</u>	2019363061	2019339536		
2019362902		2019407661	2019347406	<u>B01F 13 /-</u>	
2019371816	2019349676		2019351255		2019444416
	<u>A61M 11 /-</u>	<u>A61P 27 /-</u>	2019367536	2019331886	<u>B05B 13 /-</u>
<u>A61K 47 /-</u>		2019333020		<u>B01F 15 /-</u>	
	2019362977	2019345330	<u>A61P 5 /-</u>		2019357892
2019331058		2019346028		2019331886	
2019337051	<u>A61M 15 /-</u>	2019357979	2019359502		<u>B05B 17 /-</u>
2019349329		2019359381	2019360377	<u>B01F 3 /-</u>	2019352957
2019358428	2019352957		2019407661		
2019361281	2019362977	<u>A61P 29 /-</u>	<u>A61P 7 /-</u>	2019331886	<u>B05B 3 /-</u>
2019367536				2019336148	
2019371816	<u>A61M 25 /-</u>	2019339536	2019327262		
		2019346028	2019328324	<u>B01F 5 /-</u>	2019358775
<u>A61K 48 /-</u>	2019346610	2019351960	2019339536		<u>B07B 1 /-</u>
	<u>A61M 39 /-</u>	2019373244	2019359540	2019331886	
2019339430		2019407661			
2019351255		<u>A61P 3 /-</u>	<u>A61P 9 /-</u>	<u>B01F 7 /-</u>	2020254456
2019351917	2018448387				
2019373387	2019332674	2019346028	2019346108	2019348728	<u>B08B 3 /-</u>
	<u>A61M 5 /-</u>	2019349201	2019364708	<u>B01J 13 /-</u>	2019372066
<u>A61K 49 /-</u>		2019358875			
	2019327340		<u>A61Q 11 /-</u>	2019364545	<u>B08B 9 /-</u>
2019364545	2019332674	<u>A61P 31 /-</u>			
<u>A61K 51 /-</u>	2019362605		2019375905	<u>B01J 19 /-</u>	2019357892
		2019328903			
2019351264	<u>A61N 1 /-</u>	2019336426	<u>A61Q 5 /-</u>	2019337734	<u>B22F 1 /-</u>
2019358060		2019339777		2019348728	
2019365377	2018448468	2019345141			2019356699
	2019338462	2019346028	2019329703	<u>B01J 23 /-</u>	
<u>A61K 8 /-</u>	2019358073	2019348194	<u>A61Q 7 /-</u>		<u>B22F 3 /-</u>
	2019369247	2019359539		2019344574	2019356699
2019329703	2019378702	2019362880	2019329703	<u>B01J 31 /-</u>	
2019340651	2019381283	2019389616	<u>A62C 2 /-</u>		<u>B23Q 3 /-</u>
2019359381	2019394802			2019352450	
2019375455	<u>A61N 5 /-</u>	<u>A61P 33 /-</u>	2020282883		2019347871
2019375905		2019363569	<u>A62C 3 /-</u>	<u>B01J 39 /-</u>	<u>B25B 11 /-</u>
	2019378702	2019368661			
<u>A61K 9 /-</u>		<u>A61P 35 /-</u>	2020282883	2019352457	2019347871
	<u>A61P 1 /-</u>				
2019327262		2019336426	<u>A63F 9 /-</u>	<u>B01J 45 /-</u>	<u>B25B 5 /-</u>
2019328903	2019327262	2019337051			
2019331913	2019334213	2019345151	2019354293	2019352457	2019347871
2019339920	2019358875	2019346028		<u>B01J 47 /-</u>	
2019349624	2019360428	2019346598	<u>A63G 21 /-</u>		<u>B25C 1 /-</u>
2019351017		2019346645		2019352457	2019355781
2019351917	<u>A61P 11 /-</u>	2019347406	2019352067		
2019352788		2019349329	<u>A63G 7 /-</u>	<u>B01J 6 /-</u>	<u>B28B 13 /-</u>
2019357979	2019339536	2019349956			
2019358428	2019360428	2019350454		2019358878	2020254456
2019358875	2019389616	2019350466			
2019362880					
2019362883					

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<u>B28B 3 /-</u>	<u>B41J 25 /-</u>	<u>B64C 39 /-</u>	<u>B81B 3 /-</u>	<u>C07C 11 /-</u>	<u>C07D 401 /-</u>
2020254456	2019351762	2019354648	2019360176	2019344574	2019344928
<u>B29C 65 /-</u>	<u>B41J 29 /-</u>	<u>B64D 1 /-</u>	<u>C01B 32 /-</u>	<u>C07C 219 /-</u>	2019346028
2019393773	2019351761	2019348761	2019358878	2019351917	2019358423
<u>B29K 105 /-</u>	2019351762	<u>B64G 1 /-</u>	<u>C01D 15 /-</u>	<u>C07C 229 /-</u>	2019360428
2019393773	2019352676	2019324460	2019352457	2019351917	2019367191
<u>B31D 5 /-</u>	2019353041	<u>B65B 61 /-</u>	<u>C01G 53 /-</u>	<u>C07C 25 /-</u>	2019407661
2019338441	<u>B42D 25 /-</u>	2019338441	2019353668	2019360377	<u>C07D 403 /-</u>
<u>B32B 25 /-</u>	2018443227	<u>B65B 7 /-</u>	<u>C02F 1 /-</u>	<u>C07C 271 /-</u>	2019358423
2019333525	<u>B60B 17 /-</u>	2019393773	2019348193	2019351917	2019360428
2020225233	<u>B60K 1 /-</u>	<u>B65D 19 /-</u>	2019372066	<u>C07C 275 /-</u>	2019367191
<u>B32B 27 /-</u>	2019325602	<u>C02F 101 /-</u>	<u>C02F 3 /-</u>	2019351917	2019368661
2019333525	<u>B60K 15 /-</u>	2019331726	2019359200	<u>C07C 29 /-</u>	<u>C07D 409 /-</u>
2019347422	2019327668	2019380259	<u>C02F 3 /-</u>	2019344574	2019368661
2019350313	<u>B60K 35 /-</u>	2019380343	<u>C04B 14 /-</u>	<u>C07C 31 /-</u>	<u>C07D 413 /-</u>
2019353359	2019330558	2019381674	2019359200	2019344574	2019349198
2020225233	<u>B32B 29 /-</u>	<u>B65D 33 /-</u>	2019404522	<u>C07C 311 /-</u>	2019358423
<u>B32B 29 /-</u>	<u>B60K 37 /-</u>	2019354821	<u>C04B 20 /-</u>	2019351917	<u>C07D 417 /-</u>
2019333525	2019330558	2019346542	2020251260	<u>C07C 67 /-</u>	2019346028
<u>B32B 3 /-</u>	<u>B60K 6 /-</u>	<u>B65D 73 /-</u>	<u>C04B 22 /-</u>	2019369659	2019358423
2019333525	2019344239	2019366381	2020251260	<u>C07C 69 /-</u>	<u>C07D 471 /-</u>
2019335421	<u>B60L 50 /-</u>	<u>B65D 81 /-</u>	<u>C04B 7 /-</u>	2019359375	2019339777
2020225233	2019325602	2019354821	2020251260	<u>C07D 205 /-</u>	2019346585
<u>B32B 33 /-</u>	<u>B60Q 9 /-</u>	<u>B65D 83 /-</u>	<u>C05B 11 /-</u>	2019358423	2019360428
2019347422	2019346569	<u>B65D 85 /-</u>	2019347587	<u>C07D 211 /-</u>	2019361539
<u>B32B 37 /-</u>	<u>B60R 16 /-</u>	<u>B65G 17 /-</u>	<u>C05C 3 /-</u>	2019346024	2019363569
2020225233	2019325602	2019366381	2019347587	<u>C07D 239 /-</u>	2019368661
<u>B32B 5 /-</u>	<u>B60T 7 /-</u>	<u>B65G 53 /-</u>	<u>C05D 5 /-</u>	2019368263	2019373244
2019352788	2019346569	2019329909	2019347587	<u>C07D 241 /-</u>	2019389616
2020225233	<u>B60T 8 /-</u>	<u>B66B 13 /-</u>	<u>C05F 1 /-</u>	<u>C07D 249 /-</u>	<u>C07D 487 /-</u>
<u>B32B 7 /-</u>	<u>B62B 3 /-</u>	2019344561	2019328297	2019368661	2019346028
2019333525	2019381674	<u>B66B 23 /-</u>	<u>C05F 5 /-</u>	<u>C07D 253 /-</u>	<u>C07D 495 /-</u>
2019350313	<u>B62D 55 /-</u>	2019373296	<u>C07B 53 /-</u>	2019357618	2019346028
2020225233	2019337358	<u>B67D 7 /-</u>	2019369659	<u>C07D 261 /-</u>	2019368661
<u>B33Y 80 /-</u>	<u>B62D 7 /-</u>	2019327668	<u>C07C 1 /-</u>	<u>C07D 311 /-</u>	<u>C07D 498 /-</u>
2019349628	2019337358	2019358889	2019344574	2019368661	2019346585
<u>B41J 11 /-</u>	<u>B63B 21 /-</u>	<u>B68G 5 /-</u>			2019360941
2019351762	2019443791				

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2019373244	2019356564	C10G 65 /-	C12N 7 /-	C22B 47 /-	E01B 35 /-
2019389616	2019357965				
	2019358060	2019368665	2019362902	2019360553	2019364598
C07F 5 /-	2019358885				
	2019359540	C11D 11 /-	C12N 9 /-	C22B 59 /-	E02B 3 /-
2019351960	2019362902				
C07F 9 /-	2019365391	2020225452	2019350072	2020294218	2019345882
	2019368289	C11D 17 /-	2019357156	C22B 7 /-	E02D 29 /-
2019364708			2019359276		
	C07K 19 /-	2020225452	C12P 13 /-	2019360553	2019345882
C07H 1 /-	2019336426	C11D 3 /-		C22C 38 /-	E02F 9 /-
	2019349201		2019359988		
2019360630	2019349329	2019372066	C12P 21 /-	2019356699	2019337639
2019362595	2019349874	2020225452			
C07H 15 /-	C07K 7 /-	C12C 11 /-	2019349201	C25B 1 /-	E04B 1 /-
2019349860			C12P 7 /-	2019352457	2019335421
C07H 21 /-	2019346447	2019350422		C25C 1 /-	E04B 2 /-
	2019359502	C12C 3 /-	2019340161		
2019331058	C08F 10 /-		2019344574	2019360553	2019335421
2019337051	2019351120	2019350783	2019348613	C25C 7 /-	E04C 2 /-
C07H 3 /-	C08F 2 /-	C12M 1 /-	2019350783		
			2019350847	2019360553	2019335421
2019362595	2019351120	2019331886	2019357156		
C07K 14 /-	2019359988	2019336148	2019359187	C30B 29 /-	E06B 9 /-
		2019340161	C12Q 1 /-		
2019327569	C08F 20 /-	2019343296	2019333926	2019412558	2019363720
2019333012		2019348613	2019335515	D01D 5 /-	2020210532
2019335193	2019359988	2019357965	2019342131		E21B 10 /-
2019336426	C08F 220 /-	2019358885	2019354296	2019352788	
2019338416		C12N 1 /-	2019355136	D02G 3 /-	2019337639
2019345151	2019359988		2019355429		2019351468
2019345330		2019345141	2019362833	D04B 1 /-	E21B 17 /-
2019346403	C08F 4 /-	C12N 11 /-	2019364545	2019349858	
2019346447			2020231007		2019349421
2019347751	2019351120	2019348613	C12R 1 /-	2019349858	E21B 33 /-
2019349329	C08K 3 /-	C12N 15 /-		D21D 1 /-	2019349421
2019350072			2019350422		
2019350422	2019359896	2019331058	C22B 13 /-	2019358892	E21B 34 /-
2019350466	C08L 23 /-	2019335193			
2019350865		2019336426	2019349791	D21F 1 /-	2019349421
2019353005	2019359896	2019339430	2020294218		
2019354829		2019345141	C22B 15 /-	2019353369	E21B 47 /-
2019359204	C08L 7 /-	2019345330		D21F 7 /-	2019340256
2019365212		2019346447	2019356556		
2019368289	2019359896	2019349874	2019360553	2019353369	E21B 7 /-
2019375455		2019354296	C22B 23 /-	D21J 1 /-	2019359988
2019380620	C09J 133 /-	2019357156			
C07K 16 /-	2019353359	2019359204	2019360553	2020250052	E21C 27 /-
	C09J 7 /-	2019359276	C22B 26 /-	E01B 23 /-	2019346421
2019327569		2019359505		2019352067	E21C 35 /-
2019328324	2019353359	2019360271	2019360553	E01B 25 /-	2019337639
2019336214	C10G 3 /-	2019360911	2020294218		2019346421
2019336426		2019367536	C22B 3 /-	E01B 27 /-	
2019337051		2019373387		2019364598	E21D 23 /-
2019342131		C12N 5 /-	C22B 34 /-	E01B 33 /-	
2019343965	2019368665				
2019346598	C10G 45 /-	2019333012	2019356556	2019352067	
2019346645		2019336426	2019360553		E21C 41 /-
2019349651	2019368665	2019343965	2020294218	E01B 27 /-	2019346421
2019349662		2019346403			
2019349874	C10G 47 /-	2019349874		2019364598	
2019350466		2019350865	2020294218	E01B 33 /-	
2019350865		2019358184			
2019351264	2019368665	2019360911		2019364598	
2019354105					
2019354714					
2019354829					

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<u>E21F 13 /-</u>	<u>F21V 21 /-</u>	<u>G01F 15 /-</u>	<u>G01R 33 /-</u>	2019357419	<u>G06T 7 /-</u>
2019329909	2018444155	2019349915	2019373983	<u>G06G 7 /-</u>	2019351295
<u>F01L 1 /-</u>	2018444156		<u>G01V 1 /-</u>	2019330032	2019351689
2019352632	<u>F21V 29 /-</u>	<u>G01H 1 /-</u>	2019332894	<u>G06K 19 /-</u>	<u>G07C 13 /-</u>
<u>F01L 13 /-</u>	2018444155	2019352637	2019358893	2019331726	2019354293
2019352632	<u>F21W 131 /-</u>	<u>G01H 3 /-</u>	<u>G05B 15 /-</u>	<u>G06K 7 /-</u>	<u>G07F 17 /-</u>
<u>F01L 5 /-</u>	2018444155	2019370968	2019351894	2019380232	2019354293
2019352632	2018444156	<u>G01K 1 /-</u>	<u>G05B 19 /-</u>	<u>G06K 9 /-</u>	<u>G08B 13 /-</u>
<u>F02D 13 /-</u>	<u>F21Y 115 /-</u>	2019349915	2019330732	2019346569	2019370846
2019352632	2018444155	<u>G01K 3 /-</u>	2019334284	2019351689	2019370968
<u>F04B 1 /-</u>	2018444156	2019338643	2019350984	2019354826	<u>G08B 29 /-</u>
2019360341	<u>F23G 7 /-</u>	<u>G01L 19 /-</u>	<u>G05D 1 /-</u>	2019396253	2019370846
<u>F04B 13 /-</u>	2019351577	2019346534	2018443210	2019396427	<u>G08B 6 /-</u>
2019360341	<u>F24F 11 /-</u>	<u>G01L 21 /-</u>	<u>G05D 16 /-</u>	2019416028	<u>G08G 5 /-</u>
<u>F04B 7 /-</u>	2019337129	2019370300	<u>G05D 9 /-</u>	2019430859	2019354648
2019360341	<u>F24F 110 /-</u>	<u>G01L 7 /-</u>	2019358889	<u>G06N 3 /-</u>	<u>G09F 3 /-</u>
<u>F04B 9 /-</u>	<u>F24F 120 /-</u>	2019346534	<u>G05F 1 /-</u>	2019397995	2019327340
2019360341	2019337129	<u>G01M 99 /-</u>	2019333922	<u>G06N 99 /-</u>	2019412558
<u>F16D 57 /-</u>	<u>F24F 13 /-</u>	2019336235	<u>G05G 1 /-</u>	2019347734	<u>G10L 15 /-</u>
2019358775	2018451233	2019338643	2019330558	<u>G06Q 10 /-</u>	2019347734
<u>F16G 15 /-</u>	<u>F25D 25 /-</u>	<u>G01N 15 /-</u>	<u>G06F 11 /-</u>	2019340665	2019370300
2019358606	2019329655	2019384106	2019352637	2019355909	<u>G16B 20 /-</u>
<u>F16H 1 /-</u>	<u>F26B 15 /-</u>	<u>G01N 21 /-</u>	<u>G06F 16 /-</u>	2019404522	2019379306
2019329655	2019364630	2019333326	2019333921	2020231185	2019382854
<u>F16J 15 /-</u>	<u>F26B 17 /-</u>	2019346396	<u>G06F 17 /-</u>	2020264282	2020231246
2019349421	2019364630	2019353369	2019348201	2020264356	<u>G16B 35 /-</u>
<u>F16K 11 /-</u>	<u>F26B 3 /-</u>	2019355136	<u>G06F 21 /-</u>	2019327577	2019379306
2019357892	2019364630	2019365102	2019334284	2019328766	<u>G16H 10 /-</u>
<u>F16K 17 /-</u>	<u>F28D 15 /-</u>	<u>G01N 27 /-</u>	2019355802	2019339909	2019335515
2019351299	2019348828	<u>G01N 33 /-</u>	<u>G06F 3 /-</u>	2019346668	2020231185
<u>F16K 31 /-</u>	<u>F28D 20 /-</u>	2018446068	2019360176	2019346848	<u>G16H 20 /-</u>
2019327668	2019348828	2019346535	<u>G06F 30 /-</u>	2019354421	2019335515
2019351299	<u>G01C 21 /-</u>	2019349915	2019354826	2019372211	2020231185
2019357892	2018443210	2019365391	<u>G06F 7 /-</u>	2020210974	<u>G16H 50 /-</u>
<u>F16L 11 /-</u>	<u>G01D 11 /-</u>	2019384106	2019350984	<u>G06Q 40 /-</u>	<u>G21G 1 /-</u>
2019375035	2019346535	<u>G01N 35 /-</u>	<u>G06F 8 /-</u>	2019355909	2019349791
<u>F21L 4 /-</u>	2019349915	<u>G01R 21 /-</u>	2019357419	<u>G06Q 50 /-</u>	<u>H01F 1 /-</u>
2018444155	<u>G01F 1 /-</u>	2019351894	<u>G06F 9 /-</u>	2019340665	2019356699
2018444156	2019345964		2019332913	2019354293	
	2019384106		2019350984	2019404522	
				2020231185	

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<u>H01F 41 /-</u>	<u>H01T 4 /-</u>	<u>H04L 1 /-</u>	<u>H04W 4 /-</u>
2019356699	2019362453	2018444089	2019327577 2019357722 2019380232
<u>H01F 7 /-</u>	<u>H02G 3 /-</u>	<u>H04L 12 /-</u>	<u>H04W 40 /-</u>
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<u>H01H 19 /-</u>	<u>H02H 9 /-</u>	<u>H04L 27 /-</u>	<u>H04W 52 /-</u>
2019330558	2019348279	2019380232	2018437034 2019338570 2019357722
<u>H01H 9 /-</u>	<u>H02J 1 /-</u>	<u>H04L 29 /-</u>	<u>H04W 60 /-</u>
2018443896 2019330558	2018443944	2019302938 2019302939 2019302940 2019332913 2019334284 2019347611 2019348793 2019349398 2019359900 2019371770	2019348793
<u>H01L 21 /-</u>	<u>H02J 3 /-</u>	<u>H04L 5 /-</u>	<u>H04W 72 /-</u>
2019347871	2019333922 2019343425 2019351894	2018443832	2019351162 2019355998
<u>H01L 31 /-</u>	<u>H02J 50 /-</u>	<u>H04M 1 /-</u>	<u>H04W 74 /-</u>
2018445588 2019338554	2019380232	2018443832	2019351324 2019357722 2019380232
<u>H01L 33 /-</u>	<u>H02J 7 /-</u>	<u>H04M 3 /-</u>	<u>H04W 8 /-</u>
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<u>H01M 10 /-</u>	<u>H02K 1 /-</u>	<u>H04N 13 /-</u>	<u>H04W 84 /-</u>
2020282883	2019347290	2019302938	2019327577 2019357722
<u>H01M 4 /-</u>	<u>H02K 21 /-</u>	2018445738 2019302938 2019352407	<u>H04W 88 /-</u>
2019353668	2019347290	<u>H04N 19 /-</u>	2019327577
<u>H01M 50 /-</u>	<u>H02K 7 /-</u>	<u>H04N 19 /-</u>	<u>H04W 92 /-</u>
2018445753 2019344239	2019347290	2019343079 2019344274 2019357929 2019370424	2019343578 2019357722
<u>H01Q 1 /-</u>	<u>H02M 5 /-</u>	<u>H04N 21 /-</u>	<u>H05B 33 /-</u>
2019352407	2019333922	2019325964	2019348279
<u>H01R 13 /-</u>	<u>H02S 50 /-</u>	<u>H04W 12 /-</u>	<u>H05B 45 /-</u>
2019355967	2019351568	2019348793	2019348279
<u>H01R 25 /-</u>	<u>H04B 1 /-</u>	<u>H04W 24 /-</u>	<u>H05B 47 /-</u>
2019350886	2019352407	2019343578	2019348279 2019350267 2019350380
<u>H01R 27 /-</u>	<u>H04B 11 /-</u>	<u>H04W 28 /-</u>	
2019350886	2019340256	2019355998	
<u>H01R 39 /-</u>	<u>H04B 3 /-</u>		
2019355546 2019355967	2019340256		
<u>H01R 43 /-</u>	<u>H04B 5 /-</u>		
2019350886	2019380232		
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Applications Accepted

Name Index

(71) 460Medical, Inc.
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 (54) Systems and methods for lesion formation and assessment
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 (31) 14/919,004 (32) 21.10.15 (33) US
 62/194,276 19.07.15 US
 (43) 26.01.2017
 (44) 29.04.2021
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A61P 1/16 (2006.01)
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A61B 8/00 (2006.01)
A61M 36/00 (2006.01)
A61M 36/12 (2006.01)
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G06F 17/17 (2006.01)
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polypeptide and use thereof

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2014332241	Sequenom, Inc.	2016303652	Joy Global Underground Mining LLC
2014352773	Memorial Sloan-Kettering Cancer Center	2016304924	K2M, Inc.
2015249101	Hills Limited	2016305530	Arch Personal Care Products, LP
2015252404	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung E.V.	2016307232	Bayer CropScience Aktiengesellschaft
2015271969	Breen, P.	2016307774	Fresenius Medical Care Holdings, Inc.
2015287978	Sanford-Burnham Medical Research Institute	2016308443	Baxter International Inc.; Baxter Healthcare SA
2015294389	Genentech, Inc.	2016308764	University of Louisville Research Foundation, Inc.
2015294834	Amgen Research (Munich) GmbH	2016310414	Weir Minerals Australia Ltd; Weir Minerals Europe Limited
2015296037	The Brigham And Women's Hospital, Inc.	2016311384	Mitek Holdings, Inc.
2015301178	Uber Technologies, Inc.	2016316436	Merck Patent GmbH
2015326869	MedImmune Limited	2016319304	Jennewein Biotechnologie GmbH
2015328080	Landis+Gyr AG	2016323293	Assembly Biosciences, Inc.; Indiana University Research and Technology Corporation
2015332556	Lynch, S.; Wisner-Lynch, L.	2016330926	BioCryst Pharmaceuticals, Inc.
2015332661	Firma Klaus Multiparking GmbH	2016331020	Keygene N.V.
2015335923	University of Massachusetts	2016331065	Olema Pharmaceuticals, Inc.
2015336454	Sumitomo Dainippon Pharma Co., Ltd.; Riken; Sumitomo Chemical Company, Limited	2016331081	Wake Forest University Health Sciences
2015336931	Kira Biotech Pty Limited	2016331159	Epiroc Rock Drills Aktiebolag
2015344483	Agresearch Limited	2016335029	BioNTech RNA Pharmaceuticals GmbH; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH
2015349896	Biogen MA Inc.	2016335217	BioNTech Cell & Gene Therapies GmbH; TRON - Translationale onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH
2015353414	DemeRx, Inc.	2016335982	Savant Systems, Inc.
2015358497	Aragon Pharmaceuticals, Inc.	2016343803	Acuitas Therapeutics, Inc.
2015362106	Dongbu Steel Co., Ltd.	2016348735	FlavoLogic GmbH
2015364557	Genzyme Corporation	2016350219	Otsuka Pharmaceutical Co., Ltd.
2015366212	Sanofi Pasteur	2016354564	Board of Regents of the University of Nebraska
2015367352	Outokumpu Oyj	2016356679	Shure Acquisition Holdings, Inc.
2015369581	CMC Consulting Boston, Inc.	2016362491	President and Fellows of Harvard College
2015402582	Avent, Inc.	2016369883	Société des Produits Nestlé S.A.
2016200841	PGS Geophysical AS	2016372164	Amazon Technologies, Inc.
2016201008	ASSA ABLOY Australia Pty Limited	2016373963	The Climate Corporation
2016202701	AKS INDUSTRIES AUSTRALIA PTY LTD	2016378722	Fresenius Medical Care Holdings, Inc.
2016202759	RUAG AUSTRALIA PTY LTD	2016379444	The Regents of the University of California
2016203238	REID, J.	2016381284	C.R. Bard, Inc.
2016206407	Electrolux Appliances Aktiebolag	2016381717	Unicharm Corporation
2016208288	HAIGH, B.	2016383021	Ascendis Pharma A/S
2016209003	ShawCor Ltd.	2016384755	Centripetal Networks, Inc.
2016209128	The Board of Trustees of the Leland Stanford Junior University	2016398435	Halliburton Energy Services, Inc.
2016209268	The Board of Trustees of the Leland Stanford Junior University	2016411393	Halliburton Energy Services, Inc.; Chevron U.S.A. Inc.
2016209744	Wrzosek, A.; Klys, P.; Cięciar, M.	2017200088	Gowey Research Group PLLC
2016210988	Ostara Biomedical Ltd	2017201818	ALLOUCHE, A.
2016213756	Deere & Company	2017207076	KM Biologics Co., Ltd.
2016215291	AnaptysBio, Inc.	2017218451	Xflam Pty Ltd
2016220235	Eli Lilly and Company	2017225865	Kimberly-Clark Worldwide, Inc.
2016226289	Adverum Biotechnologies, Inc.; University of Washington	2017234857	Peri GmbH
2016227576	Smart Packaging Solutions (S.P.S.)	2017243195	United Kingdom Research and Innovation
2016236609	Tasly Pharmaceutical Group Co., Ltd.	2017244065	Andreas Hettich GmbH & Co. KG
2016237222	National Cancer Center; Eisai R&D Management Co., Ltd.	2017246305	Boehringer Ingelheim Animal Health USA Inc.
2016243527	Regeneron Pharmaceuticals, Inc.	2017248189	Translate Bio, Inc.
2016250068	Fountain Technologies International, LLC	2017248504	Francotyp-Postalia GmbH
2016250971	Innolife Co., Ltd.	2017249339	AgroFresh Inc.
2016261015	Giesecke+Devrient Currency Technology GmbH	2017251555	Guangzhou Joyo Pharmatech Co., Ltd; Medshine Discovery Inc.; Shijiazhuang Sagacity New Drug Development Co., Ltd.
2016262789	Adobe Inc.	2017251939	The European Atomic Energy Community (EURATOM), represented by The European Commission
2016263585	MAKO Surgical Corp.	2017259160	Qualcomm Incorporated
2016267404	McAuliffe, M.; Smith & Nephew Surgical Pty Ltd	2017259304	5D Health Protection Group Ltd
2016270338	Memorial Sloan-Kettering Cancer Center	2017263236	Qualcomm Incorporated
2016270946	Alert Innovation Inc.	2017266814	LG Electronics Inc.
2016277770	Adobe Inc.	2017270932	Evov Therapeutics Ltd; Oxford University Innovation
2016277827	Orgenesis Inc.	2017272075	Covidien LP
2016280663	TIRmed Pharma AB	2017275577	Octapharma AG
2016290278	Casale SA		
2016291095	Rathbone, M.		
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2017278102	Arena Pharmaceuticals, Inc.	2018283411	Sorse Technology Corporation
2017278767	AGC Inc.; AGC Glass Europe; AGC Flat Glass North America, Inc.; AGC Vidros Do Brasil Ltda.	2018285622	Siemens Industry, Inc.
2017281414	DESMA Schuhmaschinen GmbH	2018297058	Merus N.V.
2017282061	Cleansorb Limited	2018301852	Airgo IP LLC
2017283136	F. Hoffmann-La Roche AG	2018307509	Pharmosa Biopharm Inc.; Pharmosa Therapeutics, Inc.
2017299875	Sumitomo Chemical Company, Limited	2018308202	Icb Pharma Spółka Jawna Tomasz Świętosławski, Paweł Świętosławski
2017300571	Sumitomo Chemical Company, Limited	2018308348	ConMed Corporation
2017300576	Sumitomo Chemical Company, Limited	2018310045	Daikin Industries, Ltd.
2017308573	The Climate Corporation	2018313688	Milliken & Company
2017315273	Zogenix International Limited	2018316836	PPG Industries Ohio, Inc.
2017318183	Amcor Flexibles Kreuzlingen Ltd.	2018318126	Starbucks Corporation
2017324655	Universite De Liege	2018331310	Wing Aviation LLC
2017340314	Sichuan Baili Pharm Co., Ltd.	2018331742	Huawei Technologies Co., Ltd.
2017353446	ICM (Institut du Cerveau et de la Moelle Épineière); Sorbonne Université; Centre National de la Recherche Scientifique; INSERM (Institut National de la Santé et de la Recherche Médicale); APHP (Assistance Publique - Hôpitaux de Paris); École Pratique des Hautes Études	2018336213	Fuji Xerox Co., Ltd.
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2017369603	CleveXel Pharma; Institut Gustave Roussy	2018351941	Innova Patent GmbH
2017376628	Bonumose LLC	2018352202	Becton, Dickinson and Company
2017376697	Delta Electronics (Shanghai) Co., Ltd	2018354550	Intuit Inc.
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2017382848	Genesis Systems LLC	2018365063	Amazon Technologies, Inc.
2017383071	AspiAir GmbH	2018367564	Daikin Industries, Ltd.
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2017393086	Negrete Hernandez, J.	2018379452	Nicoventures Trading Limited
2017393094	Telefonaktiebolaget LM Ericsson (publ)	2018381004	Angex Pharmaceutical, Inc.
2017396753	Arizona Board of Regents on Behalf of the University of Arizona	2018381757	Siemens Gamesa Renewable Energy A/S
2017397009	Telefonaktiebolaget LM Ericsson (publ)	2018386357	CJ Cheiljedang Corporation
2017398448	Teague, P.; Stewart, A.	2018394458	Uber Technologies, Inc.
2017403823	Guilin Layn Natural Ingredients Corp.	2018395101	Hangzhou Adamerck Pharmed Inc.
2017404218	Komatsu Ltd.; Osaka University	2018397604	Dropbox, Inc.
2017406570	Huawei Technologies Co., Ltd.	2018410087	Tata Consultancy Services Limited
2017411356	Essity Hygiene and Health Aktiebolag	2018426350	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.
2017427799	Optos plc	2018427689	Shanghai Townnew Intelligent Technology Co., Ltd.
2017429426	Komatsu Ltd.	2018454451	Multikraft Probiotics Australia Pty Ltd
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2017431335	Guangdong Institute of Applied Biological Resources	2019200980	Aristocrat Technologies Australia Pty Limited
2017434613	Beijing Geekplus Technology Co., Ltd.	2019201009	Aristocrat Technologies Australia Pty Limited
2017434614	Beijing Geekplus Technology Co., Ltd.	2019201077	FISHER & PAYKEL HEALTHCARE LIMITED
2017435697	Mitsubishi Electric Corporation	2019201537	The Climate Corporation
2017441267	Institute of Acoustics, Chinese Academy of Sciences; Beijing Hili Technology Co. Ltd.	2019201934	The Regents of the University of California
2018205845	Telefonaktiebolaget LM Ericsson (publ)	2019202397	ETHICON ENDO-SURGERY, INC.
2018210187	Decibullz LLC	2019203350	Angel Playing Cards Co., Ltd.
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2018212453	Saudi Arabian Oil Company	2019203540	Delta Electronics (Thailand) Public Co., Ltd
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2018226433	De Ridder, D.	2019203792	GE Video Compression, LLC
2018230514	Hologic, Inc.	2019204145	The Board of Trustees of the University of Arkansas
2018233187	Skiezy Inc.	2019204555	LG ELECTRONICS INC.
2018234823	Baker Hughes Holdings, LLC	2019204623	Pfizer Inc.
2018236457	Magic Leap, Inc.	2019205013	Neuroanalytics Pty Ltd.
2018241458	CAE Inc.	2019205085	Leonardo MW Limited
2018243466	D.T. Davis Enterprises, Ltd. (D.B.A. Hovertech International)	2019205317	Illumina, Inc.
2018256302	Weatherford Technology Holdings, LLC	2019206025	LIN, H.
2018260722	Aruze Gaming (Hong Kong) Limited	2019206095	LG Electronics Inc.
2018260900	B.BOX FOR KIDS DEVELOPMENTS PTY LTD	2019206132	Immunogen, Inc.
2018260963	Fred Hutchinson Cancer Research Center	2019210937	Samsung Electronics Co., Ltd.
2018261510	ABB Power Grids Switzerland AG	2019211234	Illumina, Inc.
2018266314	Northrop Grumman Systems Corporation	2019212055	Boston Scientific Scimed, Inc.
2018271441	Daikin Industries, Ltd.	2019213397	Fogworks LLC
2018280465	Haier Smart Home Co., Ltd.	2019213568	Northrop Grumman Systems Corporation
2018280837	CNH Industrial France S.A.S.	2019214867	Illumina, Inc.
		2019215341	Northrop Grumman Systems Corporation
		2019216631	TILT Biotherapeutics Oy
		2019217444	ExxonMobil Upstream Research Company
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		2019225259	Mitsubishi Heavy Industries Thermal Systems, Ltd.
		2019230446	TMJ Orthopaedics Pty Ltd

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2019257491	NTT DOCOMO, INC.
2019257494	NTT DOCOMO, INC.
2019257506	NTT DOCOMO, INC.
2019261775	ServiceNow, Inc.
2019261793	ServiceNow, Inc.
2019264535	Pape, L.
2019264563	Dropbox, Inc.
2019265842	SAWANT, A.V.; VADAKEKUTTU, T.
2019265885	Sawant, A.; Vadakekuttu, T.
2019268058	VISA International Service Association
2019271887	EPOCH Company, Ltd.
2019271965	Clover Network, Inc.
2019272024	The Board of Trustees of the Leland Stanford Junior University
2019279954	Google LLC
2019283807	Janssen Pharmaceutica NV
2019284039	Align Technology, Inc.
2019284104	S.C. Johnson & Son, Inc.
2019296451	Wuhan Neurophth Biotechnology Limited Company
2019314245	Intuit Inc.
2019315314	Baker Hughes Holdings LLC
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2019345242	Datalog, LLC
2019383886	LG Electronics Inc.
2020200366	Bair, R.; Buzick, B.L.
2020200851	Nikola Corporation
2020200895	BD Kiestra B.V.
2020200928	Sandvik Mining and Construction Oy
2020201091	Auspex Pharmaceuticals, Inc.
2020201257	Vista Outdoor Operations LLC
2020201322	Hanmi Science Co., Ltd.
2020201528	Okta, Inc.
2020201834	ZeniMax Media Inc.
2020202095	Motorola Solutions, Inc.
2020202103	Farmobile LLC
2020202120	Glory Ltd.
2020202665	Nuvasive, Inc.
2020204535	Advanced New Technologies Co., Ltd.
2020213374	Ojai Retinal Technology, LLC
2020232990	Arc Medical Devices Inc.
2020233637	Gen-Probe Incorporated
2020250217	NUXCEL Limited
2020260480	Coupang Corp.
2020264314	Grünenthal GmbH
2021200062	Mesinja Pty Ltd
2021200063	Mesinja Pty Ltd

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<u>A01B 49 I/-</u>	2016307232	2018233187	<u>A61B 90 I/-</u>	<u>A61K 33 I/-</u>	2016305530
2019201537	<u>A01N 55 I/-</u>	2018260900	2015249101	2016209744	<u>A61K 9 I/-</u>
<u>A01C 21 I/-</u>	2017249339	<u>A47C 27 I/-</u>	<u>A61C 7 I/-</u>	2016250971	2015332556
2016373963	<u>A01N 57 I/-</u>	2018243466	2016302381	2017259304	2015349896
<u>A01D 41 I/-</u>	2016323293	<u>A47D 13 I/-</u>	<u>A61D 7 I/-</u>	<u>A61K 35 I/-</u>	2015358497
2016213756	2017299875	2018260900	2016291095	2015335923	2015364557
<u>A01D 46 I/-</u>	2017300576	<u>A47J 31 I/-</u>	<u>A61F 13 I/-</u>	2015336454	2016209744
2018280837	<u>A01N 59 I/-</u>	2018318126	2016381717	2016209744	2016220235
<u>A01D 61 I/-</u>	2017259304	<u>A47J 37 I/-</u>	2017225865	2018260963	2016236609
2018280837	2017431335	2020200366	2017431013	2019216631	2016250068
<u>A01G 17 I/-</u>	<u>A01P 13 I/-</u>	<u>A47K 1 I/-</u>	<u>A61F 2 I/-</u>	<u>A61K 36 I/-</u>	2016277827
2019213397	2016307232	2016208288	2016381284	2016209744	2016343803
<u>A01G 31 I/-</u>	2017299875	<u>A47L 9 I/-</u>	2017396753	2016236609	2017369603
2019213397	2017300571	2017266814	2019230446	2017200088	2018283411
<u>A01G 9 I/-</u>	<u>A23B 7 I/-</u>	<u>A61B 1 I/-</u>	<u>A61F 9 I/-</u>	2019203529	<u>A61L 15 I/-</u>
2019204555	2017249339	2018308348	2019201934	<u>A61K 38 I/-</u>	2017275577
<u>A01H 1 I/-</u>	<u>A23F 3 I/-</u>	2020202665	<u>A61H 1 I/-</u>	2015332556	<u>A61L 27 I/-</u>
2016331020	2016348735	<u>A61B 17 I/-</u>	<u>A61J 9 I/-</u>	2015369581	2015336454
<u>A01H 5 I/-</u>	2018318126	2016267404	2018260900	2016210988	2017275577
2015344483	<u>A23J 3 I/-</u>	2016304924	<u>A61K 31 I/-</u>	2016220235	2017366432
<u>A01N 1 I/-</u>	2016369883	2017275595	2015349896	2016277827	<u>A61M 1 I/-</u>
2017259304	<u>A23L 2 I/-</u>	2018308202	2015364557	2019216631	2016308443
<u>A01N 25 I/-</u>	2018283411	2019212055	2016209268	2019283807	2016378722
2016307232	<u>A23L 27 I/-</u>	2019230446	2016209744	2020201322	2019200739
2019265842	2016348735	<u>A61B 3 I/-</u>	2016236609	<u>A61K 39 I/-</u>	<u>A61M 16 I/-</u>
<u>A01N 33 I/-</u>	<u>A23L 33 I/-</u>	2017243195	2016237222	2015296037	2019201077
2016307232	2019265842	2017427799	2016280663	2015336931	2019206025
<u>A01N 37 I/-</u>	<u>A24B 15 I/-</u>	2019201934	2016330926	2016209268	<u>A61M 25 I/-</u>
2016307232	2016348735	<u>A61B 34 I/-</u>	2016331065	2016215291	2015402582
2017299875	<u>A23L 33 I/-</u>	2016263585	2016354564	2017207076	<u>A61M 36 I/-</u>
<u>A01N 39 I/-</u>	<u>A24F 47 I/-</u>	2017272075	2017200088	2017246305	2016270338
2016307232	2018379452	2017275595	2017207076	2016330926	<u>A61M 5 I/-</u>
<u>A01N 43 I/-</u>	<u>A41D 27 I/-</u>	<u>A61B 5 I/-</u>	2017248189	2016331065	2016308443
2016307232	2017201818	2016297534	2017251555	2016354564	2016383021
2017299875	<u>A41D 31 I/-</u>	2016308764	2017259304	2017200088	2018352202
2017300571	2018313688	2019200739	2017278102	2017207076	2019222792
<u>A01N 47 I/-</u>	<u>A45F 5 I/-</u>	2019205013	2017283136	2017246305	<u>A61M 60 I/-</u>
		2019272024	2017315273	2017248189	2017430315
		<u>A61B 6 I/-</u>	2017251555	2017251555	<u>A61N 1 I/-</u>
		2016270338	2017259304	2017259304	2016308764
		2019205013	2017278102	2017259304	2017366432
		<u>A61B 8 I/-</u>	2017283136	2017259304	2018226433
		2015402582	2017315273	2017259304	2018283029
		2016270338	2017324655	2017259304	2020250217
			2017353446	2017259304	<u>A61N 5 I/-</u>
			2017369603	2017259304	2016270338
			2017383071	2017259304	2020213374
			2018283411	2017259304	<u>A61N 7 I/-</u>
			2018307509	2017259304	
			2018395101	2017259304	
			2019203529	2017259304	
			2019204145	2017259304	
			2019253834	2017259304	
			2020201091	2017259304	
			2020264314	2017259304	
				<u>A61K 47 I/-</u>	
				2015364557	
				2016209744	
				2016236609	
				2017270932	
				2017340314	
				2017383071	
				2017383458	
				<u>A61K 48 I/-</u>	
				2019296451	
				<u>A61K 8 I/-</u>	
				2016250068	

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2019272024	2017283136		2016261015	2018454451	2016316436
2020213374	2018260963	<u>B21D 1 /-</u>		2019265885	<u>C07D 239 /-</u>
<u>A61P 1 /-</u>	2019203529	2016202759	<u>B60C 23 /-</u>	<u>C07B 53 /-</u>	2020264314
	2019206132		2018301852	2016316436	<u>C07D 243 /-</u>
2016236609	<u>A61P 37 /-</u>	<u>B23B 5 /-</u>	<u>B60K 1 /-</u>	<u>C07C 215 /-</u>	<u>C07D 251 /-</u>
2016237222		2018369693		2020200851	2016323293
2017207076	2015336931	<u>B23K 11 /-</u>	<u>B61B 12 /-</u>	2020264314	<u>C07D 251 /-</u>
<u>A61P 11 /-</u>	<u>A61P 43 /-</u>	2015367352	2018351941	<u>C07C 219 /-</u>	2016379444
2017251555	2016209744	<u>B23K 26 /-</u>		2016343803	<u>C07D 261 /-</u>
2017283136	2017383458	2015367352	<u>B64F 5 /-</u>	<u>C07C 227 /-</u>	2017246305
<u>A61P 15 /-</u>	<u>A61P 5 /-</u>	<u>B25J 11 /-</u>	2016202759	2017383071	<u>C07D 275 /-</u>
2016210988	2016354564	2017266814	<u>B65D 75 /-</u>	<u>C07C 229 /-</u>	2020264314
<u>A61P 17 /-</u>	<u>A61P 7 /-</u>	<u>B25J 19 /-</u>	2017318183	2016343803	<u>C07D 291 /-</u>
2015287978	2016209744	2017266814	<u>B65D 81 /-</u>	2017259304	2020264314
2016250971	<u>A61P 9 /-</u>	<u>B25J 9 /-</u>	2017318183	2017383071	<u>C07C 231 /-</u>
2016280663	2017278102	2016263585	<u>B65F 1 /-</u>	2016350219	<u>C07D 401 /-</u>
<u>A61P 23 /-</u>	<u>A61Q 1 /-</u>	2017266814	2018427689	2020201091	2018381004
2018395101	2016305530	<u>B28D 1 /-</u>	<u>B65G 1 /-</u>	<u>C07C 233 /-</u>	<u>C07D 405 /-</u>
<u>A61P 25 /-</u>	<u>A61Q 19 /-</u>	2016303652	2016270946	2016343803	2016330926
2015353414	2016305530	<u>B29C 44 /-</u>	<u>B65H 3 /-</u>	<u>C07C 237 /-</u>	2017251555
2017283136	2018283411	2017218451	2017248504	2016350219	<u>C07D 409 /-</u>
2017315273	<u>A63C 11 /-</u>	<u>B29C 45 /-</u>	<u>B65H 35 /-</u>	<u>C07C 241 /-</u>	2017251555
2017353446	2018233187	2016209003	2019284104	2019233659	<u>C07D 453 /-</u>
2019283807	<u>A63F 13 /-</u>	<u>B32B 15 /-</u>	<u>B67B 7 /-</u>	<u>C07C 243 /-</u>	2017246305
<u>A61P 27 /-</u>	<u>A63F 3 /-</u>	2015367352	2017201818	2019233659	<u>C07D 471 /-</u>
2015336454	2018260722	<u>B32B 17 /-</u>	<u>B81B 7 /-</u>	<u>C07C 255 /-</u>	2016331065
2016226289	<u>A63F 9 /-</u>	2017278767	2016362491	2016343803	<u>C07D 487 /-</u>
20162277827	2018260722	<u>B32B 3 /-</u>	<u>B82Y 20 /-</u>	<u>C07C 319 /-</u>	2015326869
2019296451	2019200980	2015367352	2019211234	2017369603	2017283136
<u>A61P 29 /-</u>	<u>A63H 33 /-</u>	<u>B32B 5 /-</u>	<u>C01B 3 /-</u>	<u>C07C 323 /-</u>	2017324655
2017200088	2019271887	2018313688	2019206025	2017369603	2018395101
2017283136	<u>B01L 3 /-</u>	<u>B32B 7 /-</u>	<u>C02F 9 /-</u>	<u>C07C 45 /-</u>	2019206132
<u>A61P 3 /-</u>	2017363076	2017278767	2016202701	2019232831	<u>C07D 491 /-</u>
2015336931	<u>B01L 7 /-</u>	<u>B33Y 10 /-</u>	<u>C03C 27 /-</u>	<u>C07C 59 /-</u>	2017278102
2016209744	2020233637	2018316836	2017278767	2020264314	<u>C07D 495 /-</u>
2016220235	<u>B01L 99 /-</u>	<u>B41J 29 /-</u>	<u>C05C 9 /-</u>	<u>C07C 67 /-</u>	2019253834
2017315273	2016362491	2018336213	2018454451	2017383071	<u>C07D 498 /-</u>
2020201322	<u>B07C 3 /-</u>	<u>B42D 25 /-</u>	<u>C05F 11 /-</u>	<u>C07C 69 /-</u>	2016243527
<u>A61P 31 /-</u>	2017434614	2016261015	2018454451	2017383071	<u>C07D 519 /-</u>
2015336931	<u>B08B 7 /-</u>	<u>B44F 1 /-</u>	<u>C05G 3 /-</u>	<u>C07D 217 /-</u>	2019206132
2016277827	2019250975				<u>C07H 21 /-</u>
2017207076					2017248189
2017324655					
2018222857					

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<u>C07J 17 /-</u>	<u>C12M 1 /-</u>	<u>C25B 1 /-</u>	2017234857	2016303652	<u>F25B 13 /-</u>
2017403823	2017244065	2019206025	<u>E04G 21 /-</u>	<u>E21C 41 /-</u>	2018310045
<u>C07J 41 /-</u>	2020233637	<u>D01F 2 /-</u>	2015271969	2016331159	<u>F25B 25 /-</u>
2016354564	<u>C12M 3 /-</u>	2018345581	<u>E04H 4 /-</u>	<u>F03D 1 /-</u>	2014246608
<u>C07K 1 /-</u>	2016331081	<u>D03D 1 /-</u>	2019203704	2018381757	<u>F25B 49 /-</u>
2015252404	2016362491	2018313688	<u>E05B 3 /-</u>	<u>F03D 13 /-</u>	2018310045
2015294389	2018386357	2018345581	2016201008	2018381757	<u>F25D 11 /-</u>
<u>C07K 14 /-</u>	<u>C12N 1 /-</u>	<u>D03D 15 /-</u>	<u>E06B 1 /-</u>	<u>F03D 80 /-</u>	2018280465
2016226289	<u>C12N 15 /-</u>	2018345581	2016203238	2018381757	<u>F25D 21 /-</u>
2016331020	2015252404	<u>D04H 1 /-</u>	<u>E06B 3 /-</u>	<u>F04B 47 /-</u>	2020200366
2016335217	2015335923	2016381717	2017278767	2018256302	<u>F26B 21 /-</u>
2018222857	2015344483	<u>D06F 37 /-</u>	<u>E06B 5 /-</u>	<u>F04C 18 /-</u>	2016206407
2020201322	2015366212	2019206095	2016203238	2019225259	<u>F28D 7 /-</u>
<u>C07K 16 /-</u>	2016226289	<u>D06F 39 /-</u>	2017278767	<u>F04C 29 /-</u>	2016290278
2015294834	2016331020	2019206095	<u>E06B 9 /-</u>	2019225259	<u>F28F 1 /-</u>
2015326869	2016335029	<u>D06F 58 /-</u>	2016203238	<u>F04D 29 /-</u>	2016290278
2015336931	2016343803	2016206407	<u>E21B 21 /-</u>	2016310414	<u>F28F 9 /-</u>
2016215291	2017248189	2019206095	2018351422	<u>F04D 7 /-</u>	2016290278
2016335217	2018222857	<u>D06N 3 /-</u>	<u>E21B 3 /-</u>	2016310414	<u>F41A 21 /-</u>
2017340314	2018260963	2018313688	2020200928	<u>F16B 15 /-</u>	2020201257
2017383458	2019296451	<u>E02F 3 /-</u>	<u>E21B 33 /-</u>	2016311384	<u>F41A 3 /-</u>
2018297058	<u>C12N 5 /-</u>	2017429426	2018351422	<u>F16K 3 /-</u>	2020201257
<u>C07K 19 /-</u>	2014352773	<u>E03B 3 /-</u>	<u>E21B 34 /-</u>	2018234823	<u>F41A 33 /-</u>
2015366212	2015287978	<u>E03C 1 /-</u>	2016398435	2018243466	2020201257
2018222857	2015336454	<u>E03F 5 /-</u>	<u>E21B 37 /-</u>	<u>F16K 31 /-</u>	<u>F41A 5 /-</u>
2018260963	2016362491	2016202701	2018351422	<u>F16L 59 /-</u>	2020201257
<u>C08G 18 /-</u>	2018260963	<u>E04B 1 /-</u>	2019315314	<u>F16M 13 /-</u>	2018313688
2018316836	<u>C12N 7 /-</u>	2016311384	<u>E21B 43 /-</u>	2018233187	<u>F42B 5 /-</u>
<u>C08G 59 /-</u>	2016226289	<u>E04B 7 /-</u>	2018256302	<u>F24C 15 /-</u>	2020201257
2018316836	<u>C12N 9 /-</u>	2016311384	2018351422	2020200366	<u>F42B 8 /-</u>
<u>C08G 75 /-</u>	2017376628	<u>E04C 3 /-</u>	2019315314	<u>F24F 1 /-</u>	2020201257
2018316836	<u>C12P 17 /-</u>	2016311384	<u>E21B 44 /-</u>	2018271441	<u>G01B 11 /-</u>
<u>C08J 3 /-</u>	2019232831	<u>E04D 13 /-</u>	2016331159	2018367564	2019345242
2020232990	2016319304	2018211259	<u>E21B 47 /-</u>	<u>F24F 11 /-</u>	<u>G01C 11 /-</u>
<u>C08J 9 /-</u>	2017363076	<u>E04F 11 /-</u>	2019315314	2017435697	2018331310
2017218451	2017376628	2018211259	<u>E21C 35 /-</u>	2018271441	<u>G01C 21 /-</u>
<u>C09K 8 /-</u>	2019232831	<u>E04G 1 /-</u>	2016303652	2018367564	2018331310
2016411393	<u>C12Q 1 /-</u>	2017234857	<u>E04G 21 /-</u>	<u>E21C 41 /-</u>	
2017282061	2014332241	2015271969	<u>E04H 4 /-</u>	<u>F03D 1 /-</u>	
<u>C11D 1 /-</u>	2015336454	2018345581	<u>E05B 3 /-</u>	<u>F03D 13 /-</u>	
2015369581	2016209128	2018313688	<u>E06B 1 /-</u>	<u>F03D 80 /-</u>	
<u>C12C 12 /-</u>	2016331081	2016381717	<u>E06B 3 /-</u>	<u>F04B 47 /-</u>	
2016348735	2017363076	2019206095	<u>E06B 5 /-</u>	<u>F04C 18 /-</u>	
<u>C12C 5 /-</u>	<u>C23C 2 /-</u>	2019206095	<u>E06B 9 /-</u>	<u>F04C 29 /-</u>	
2016348735	2015362106	2016203238	<u>E21B 21 /-</u>	<u>F04D 29 /-</u>	
	<u>C23C 24 /-</u>	2017278767	<u>E21B 21 /-</u>	<u>F04D 7 /-</u>	
	2016202759	2018351422	<u>E21B 3 /-</u>	2016310414	
		2020200928	<u>E21B 33 /-</u>	<u>F16B 15 /-</u>	
		2016398435	<u>E21B 34 /-</u>	<u>F16K 3 /-</u>	
		2018234823	<u>E21B 37 /-</u>	<u>F16K 31 /-</u>	
		2018351422	<u>E21B 43 /-</u>	<u>F16L 59 /-</u>	
		2019315314	<u>E21B 44 /-</u>	<u>F16M 13 /-</u>	
		2016331159	<u>E21B 47 /-</u>	<u>F24C 15 /-</u>	
		2019315314	<u>E21C 35 /-</u>	<u>F24F 11 /-</u>	
		2017435697		<u>G01B 11 /-</u>	
		2018331310		<u>G01C 11 /-</u>	
		2018331310		<u>G01C 21 /-</u>	

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2018394458	2017398448	<u>G06K 19 /-</u>	2019257491	2020232990	2019215341
2019236700	<u>G02B 21 /-</u>	2016227576	2019257494	<u>G16C 60 /-</u>	<u>H03K 3 /-</u>
<u>G01J 3 /-</u>	2019205317	<u>G06K 9 /-</u>	<u>G07C 9 /-</u>	2020232990	2019215341
2017308573	<u>G02B 27 /-</u>	2017308573	2015332661	<u>G16H 20 /-</u>	<u>H03M 13 /-</u>
<u>G01N 1 /-</u>	2016261015	2019314245	<u>G07D 11 /-</u>	2016307774	2017393094
2018230514	2019250975	<u>G06N 10 /-</u>	2020202120	<u>G16H 30 /-</u>	<u>H03M 7 /-</u>
<u>G01N 11 /-</u>	<u>G02B 5 /-</u>	2019213568	<u>G07F 1 /-</u>	2019205013	2019203792
2019211234	2016261015	<u>G06N 3 /-</u>	2020202120	<u>G16H 40 /-</u>	<u>H04B 11 /-</u>
<u>G01N 21 /-</u>	<u>G02F 1 /-</u>	2019314245	<u>G07F 17 /-</u>	2017411356	2019217444
2019211234	2017278767	<u>G06N 5 /-</u>	2018260722	2019206025	<u>H04B 17 /-</u>
2019214867	<u>G05B 15 /-</u>	2016331159	2019203350	<u>G16H 50 /-</u>	2016373963
2020200895	2018285622	<u>G06N 99 /-</u>	2021200062	2019205013	<u>H04L 12 /-</u>
2020233637	<u>G05D 1 /-</u>	2019215341	<u>G07F 5 /-</u>	<u>G21F 5 /-</u>	2016335982
<u>G01N 24 /-</u>	2016331159	<u>G06Q 10 /-</u>	2020202120	2017251939	2017441267
2018212453	2017404218	2016331159	<u>G08B 21 /-</u>	<u>H01F 27 /-</u>	<u>H04L 27 /-</u>
<u>G01N 29 /-</u>	2017434613	2017411356	2015249101	2017393086	2017263236
2017251939	2018331310	2019261775	2017411356	<u>H01L 27 /-</u>	<u>H04L 29 /-</u>
<u>G01N 33 /-</u>	<u>G06F 1 /-</u>	2019261793	<u>G08C 17 /-</u>	2019210937	2016277770
2015287978	2019279954	<u>G06Q 20 /-</u>	2019345242	2019214867	2016384755
2016331081	<u>G06F 16 /-</u>	2019268058	<u>G08G 1 /-</u>	<u>H01L 31 /-</u>	2019206025
2016362491	2018397604	<u>G06Q 30 /-</u>	2016331159	2019205085	<u>H04L 5 /-</u>
2016373963	2019264563	2017281414	2018426350	<u>H01L 39 /-</u>	2017259160
2019211234	2020202103	2018354550	<u>G09B 19 /-</u>	2019215341	2017263236
<u>G01N 35 /-</u>	2020260480	<u>G06Q 50 /-</u>	<u>G09B 9 /-</u>	2019210937	2018331742
2017244065	<u>G06F 17 /-</u>	2015301178	2017411356	<u>H01L 51 /-</u>	2018364988
2018230514	2021200062	2016308443	<u>G09B 3 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 9 /-</u>
2020233637	2021200063	2016331159	2018241458	2016356679	2019261793
<u>G01R 1 /-</u>	<u>G06F 21 /-</u>	2017411356	<u>G09F 3 /-</u>	<u>H01Q 11 /-</u>	2019271965
2018266314	2018336213	2019236700	2017251939	2016356679	2020201528
<u>G01R 3 /-</u>	2019261775	2020202103	<u>G09G 5 /-</u>	<u>H01Q 5 /-</u>	2020202103
2018266314	2019315811	2019284039	2018236457	2016356679	2021200062
<u>G01R 31 /-</u>	2020204535	<u>G06T 1 /-</u>	<u>G10L 15 /-</u>	<u>H01Q 5 /-</u>	2021200063
2015328080	<u>G06F 3 /-</u>	<u>G06T 15 /-</u>	2016335982	<u>H02J 3 /-</u>	<u>H04M 1 /-</u>
<u>G01R 33 /-</u>	2018410087	2016262789	<u>G11C 11 /-</u>	2018261510	2019210937
2018212453	<u>G06F 30 /-</u>	2018236457	2019215341	<u>H02M 11 /-</u>	<u>H04N 19 /-</u>
<u>G01S 19 /-</u>	2017234857	<u>G06T 19 /-</u>	2016209128	2019203540	2019257491
2016373963	<u>G06F 7 /-</u>	2017404218	<u>G16B 25 /-</u>	<u>H02M 7 /-</u>	2019257494
2019203458	2021200062	2020201834	2016209128	2017376697	2019257506
<u>G01S 5 /-</u>	2021200063	<u>G06T 7 /-</u>	<u>G16B 40 /-</u>	2019203540	2019383886
2018211296	<u>G06F 8 /-</u>	2017308573	<u>G16C 20 /-</u>	<u>H03K 19 /-</u>	<u>H04N 21 /-</u>
<u>G01V 1 /-</u>	2019261793	2019345242	2016209128	2017404218	2016372164
2016200841	<u>G06F 9 /-</u>	2020201834	<u>G06T 9 /-</u>	2017376697	<u>H04N 5 /-</u>
<u>G01V 5 /-</u>	2018365063	<u>G06T 9 /-</u>	2016209128	2017376698	2020200895
				2019203540	<u>H04N 7 /-</u>
					2017404218

Applications Accepted - IPC Index cont'd

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Certified Innovation Patents

Name Index

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

(71) Intelligent Sand Pty Ltd
(11) AU-B-2020101910
(21) 2020101910 (22) 20.08.2020
(54) Method and apparatus for processing recycled glass
(51) Int. Cl.
 B03B 9/06 (2006.01)
 B02C 13/14 (2006.01)
 B02C 19/00 (2006.01)
 B02C 23/12 (2006.01)
 B03B 11/00 (2006.01)
 B07B 1/00 (2006.01)
(31) 2019903048 (32) 21.08.19 (33) AU
(45) 29.04.2021
(72) Gallagher, Danial Patrick
(74) Davies Collison Cave Pty Ltd

(71) Sungrow Power Supply Co., Ltd.
(11) AU-B-2020101676
(21) 2020101676 (22) 05.08.2020
(54) Outdoor energy storage system cabinet and outdoor energy storage system
(51) Int. Cl.
 G05B 11/32 (2006.01)
 A62C 3/16 (2006.01)
 A62C 5/00 (2006.01)
 A62C 31/02 (2006.01)
 G08B 17/113 (2006.01)
 H02B 1/28 (2006.01)
(31) 201921442991.3 (32) 30.08.19 (33) CN
(45) 29.04.2021
(72) JIANG, Ziliang; LI, Guohong; DING, Zengfu; YANG, Youjin; GAO, Yuan; ZHENG, Sigen
(74) FB Rice Pty Ltd

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2020101676 Sungrow Power Supply Co., Ltd.
2020101910 Intelligent Sand Pty Ltd

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B07B 1 /-

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G05B 11 /-

2020101676

G08B 17 /-

2020101676

H02B 1 /-

2020101676

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn - Proceed to Grant

2016203582 **Architectural Window Systems Pty Ltd** (Sahara K.K.)

Patents Granted**Standard Patents**

2015252797	2015339743	2016200875	2016203582
2016221299	2016276022	2016282356	2016316842
2017219063	2018201800	2018257221	2018400861
2019219816	2019385153		

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2016102458	2016102459	2018102209	2019101792
2020102255	2020103914	2020104249	2020104416
2021100099	2021100144	2021100147	2021100314
2021100320	2021100384	2021100435	2021100443
2021100445	2021100534	2021100549	2021100550
2021100552	2021100581	2021100674	2021100682
2021100690	2021100727	2021100741	2021100757
2021100786	2021100790	2021100801	2021100860
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2021100904	2021100905	2021100906	2021100907
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2021100999	2021101001	2021101002	2021101003
2021101004	2021101005	2021101007	2021101008
2021101011	2021101012	2021101013	2021101015
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2021101039	2021101040	2021101041	2021101042
2021101043	2021101044	2021101045	2021101046
2021101048	2021101049	2021101050	2021101051
2021101052	2021101053	2021101054	2021101055
2021101056	2021101057	2021101058	2021101059
2021101060	2021101061	2021101062	2021101063
2021101064	2021101065	2021101066	2021101067
2021101068	2021101069	2021101071	2021101072
2021101073	2021101074	2021101076	2021101077
2021101078	2021101079	2021101080	2021101081
2021101082	2021101083	2021101087	2021101088
2021101089	2021101090	2021101093	2021101094
2021101095	2021101097	2021101098	2021101099
2021101102	2021101104	2021101105	2021101106
2021101108	2021101109	2021101110	2021101111
2021101112	2021101114	2021101115	2021101116
2021101117			

Assignments Registered

2010225633 The Ritsumeikan Trust The patent has been assigned to **SOFIX Agri Business Association**

2011226991 Tekman Manufacturing Limited The patent has been assigned to **Teck Keung Industrial Limited**

2011248067 Fibrocell Technologies, Inc. The patent has been assigned to **Castle Creek Biosciences, LLC**

2012258464 Rivers Locking Systems (Australia) Pty Ltd The patent has been assigned to **Lietzke Australia Pty Ltd**

2013225577 Mobeewave Systems ULC The patent has been assigned to **Apple Inc.**

2013345041 Eaves, Felmont The patent has been assigned to **EM-RGE, LLC.**

2014289367 Eschmann Holdings Limited The patent has been assigned to **STERIS Solutions Limited**

2014353259 Apstec Systems USA LLC The patent has been assigned to **APSTEC SYSTEMS LTD**

2014353261 Apstec Systems USA LLC The patent has been assigned to **APSTEC SYSTEMS LTD**

2015280204 Placon Therapeutics, Inc. The patent has been assigned to **XLINK Therapeutics, Inc.**

2015317532 Iantech, Inc. The patent has been assigned to **Carl Zeiss Meditec Cataract Technology Inc.**

2016250972 Guizhou Bailing Group Pharmaceutical Co., Ltd. The patent has been assigned to **Chengdu Zenitar Biomedical Technology Co., Ltd.**

2016327715 Guizhou Bailing Group Pharmaceutical Co., Ltd. The patent has been assigned to **Chengdu Zenitar Biomedical Technology Co., Ltd.**

2018261519 GE Oil & Gas Pressure Control LP The patent has been assigned to **VAULT PRESSURE CONTROL LLC**

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.

2004261490 **Richter Gedeon Nyrt.**

The earliest first regulatory approval date provided by the patentee 18 Nov 2020

For the goods REAGILA cariprazine hydrochloride

2018236692 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 16 Jul 2019

For the goods SKYRIZI risankizumab

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.

2004261490 **Richter Gedeon Nyrt.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 18 Nov 2020

For the goods REAGILA cariprazine hydrochloride

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

2010231962 **Bial - Portela & Ca., S.A.**

The earliest first regulatory approval date provided by the patentee 23 Sep 2020

For the goods ONGENTYS opicapone

Address for service : Davies Collison Cave Pty Ltd 1 Nicholson Street Melbourne VIC 3000 AU

Corrigenda

In Vol 35 , No 16 , Page(s) 3509 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to Application No. 2021100098.

In Vol 35 , No 16 , Page(s) 3509 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021200023.

Specifications Republished

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

2015345073	Inbiose N.V.
2016334734	Bayer CropScience Aktiengesellschaft
2017279878	Nerviano Medical Sciences S.R.L.
2019204948	Stryker Corporation
2019226193	AVI-On Labs, LLC
2020102630	North China Electric Power University