



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 <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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 30 Mar 2021 .

(71) Adama Australia Pty Limited (21) 2021900929 (22) 29.03.2021 (54) Highly Loaded Florasulam Formulations	(71) Cindicium Pte Ltd (21) 2021900928 (22) 29.03.2021 (54) Method and assembly for determining container weight	(71) KIRKHAM, S. (21) 2021900920 (22) 29.03.2021 (54) Method and Apparatus for Repairing Tendons in a Mammal
(71) Advanced Biomedical Technologies PTY LTD (21) 2021900880 (22) 24.03.2021 (54) A system and methods for eye misalignment detection and diagnosis	(71) Cripps Clark, J. (21) 2021900934 (22) 30.03.2021 (54) Enco : Systems of devices, architectures, protocols and methods supporting a contestible and economically highly integrated energy market with functionality for behavioural incentivisation using emerging digital processing technologies including block chain.	(71) Langton, A. (21) 2021900943 (22) 30.03.2021 (54) Time keeping device for medicine dosage administration
(71) Ayre, P. (21) 2021900895 (22) 26.03.2021 (54) A blood pump with active magnetic levitation in Three dimensions	(71) Gomez, R. (21) 2021900870 (22) 24.03.2021 (54) Disinfect AC systems & rm electrolyzers using Ultrasonic fog makers	(71) larkin, b. (21) 2021900894 (22) 25.03.2021 (54) Flip flop with inbuilt suckers
(71) Beyond Architectural Pty Ltd (21) 2021900916 (22) 29.03.2021 (54) Frameless Glass Fencing Assembly	(71) Hamilton, W. (21) 2021900917 (22) 29.03.2021 (54) A system for video multimedia augmentation	(71) larkin, b. (21) 2021900919 (22) 29.03.2021 (54) FOIL WITH HOLES AND ABSORBENT PAPER
(71) Blastone Technology Pty Ltd (21) 2021900933 (22) 30.03.2021 (54) A system and method for controlling abrasive flow in a pneumatic blasting system	(71) Hill, B. (21) 2021900942 (22) 30.03.2021 (54) Method and System for the liberation of Hydrogen from Water	(71) La Zouch Pty Ltd (21) 2021900915 (22) 29.03.2021 (54) Hinge Arrangement, System & Method
Cashmore, J. see Cashmore, S. (21) 2021900930	(71) InterK Peptide Therapeutics Limited (21) 2021900913 (22) 29.03.2021 (54) INHIBITORS AND METHODS FOR TREATING NEUROLOGICAL DISEASES	(71) Leisk, J. (21) 2021900903 (22) 26.03.2021 (54) Enzymatic deficiency disorder treatments
(71) Cashmore, S.; Cashmore, J. (21) 2021900930 (22) 29.03.2021 (54) BIODEGRADABLE AND/OR EDIBLE TABLEWARE	(71) Inzitari, F. (21) 2021900865 (22) 24.03.2021 (54) A downpipe valve control system	(71) Liquid Time Pty Ltd (21) 2021900892 (22) 25.03.2021 (54) SURFBOARD FIN MOUNT
(71) Centurion Framing Systems Pty Ltd (21) 2021900925 (22) 29.03.2021 (54) Framing Preassembly Method Component and System	(71) Isolate Innovations Pty Ltd (21) 2021900926 (22) 29.03.2021 (54) An absorbent dental device	(71) Minelab Electronics Pty. Limited (21) 2021900893 (22) 25.03.2021 (54) AN IMPROVED METAL DETECTOR
		(71) Momentum Concepts Pty Ltd (21) 2021900881 (22) 25.03.2021 (54) AN ASSEMBLY FOR COUPLING ITEMS

Provisional Applications Filed - Name Index cont'd

<hr/> <p>(71) Monash University (21) 2021900927 (22) 29.03.2021 (54) Materials and methods</p> <hr/> <p>(71) Moroz Technologies Pty Ltd (21) 2021900922 (22) 29.03.2021 (54) IMPLANT DEVICE, SYSTEM AND METHOD FOR TREATING DISEASE</p> <hr/> <p>(71) NewSouth Innovations Pty Limited; The Hong Kong Polytechnic University (21) 2021900923 (22) 29.03.2021 (54) A High Frequency, High Resolution 2D Phased Array Ultrasonic Transducer</p> <hr/> <p>(71) RMIT University (21) 2021900939 (22) 30.03.2021 (54) Single Vessel Multi-Zone Bioreactor for Simultaneous Culture of Multiple Microbial Strains</p> <hr/> <p>(71) ROURKE, C. (21) 2021900921 (22) 29.03.2021 (54) A Structural Member and Structures Fabricated Therefrom</p> <hr/> <p>(71) SCF Group Pty Ltd (21) 2021900941 (22) 30.03.2021 (54) BULK POWDER TANK IMPROVEMENTS</p> <hr/> <p>(71) Skinner, A.; VAPOR THERAPEUTICS PTY LTD (21) 2021900914 (22) 29.03.2021 (54) Digitally Integrated Cannabinoid Therapy Smart Device</p> <hr/> <p>(71) SMART FARM DATA LIMITED (21) 2021900932 (22) 30.03.2021 (54) Improvement to Methods and Devices for Animal Production</p> <hr/> <p>(71) Smith, A. (21) 2021900842 (22) 23.03.2021 (54) A multiple use machine tool, typically used by a small to medium landholder.</p> <hr/> <p>(71) Synergy Global Science Pty Ltd (21) 2021900886 (22) 25.03.2021 (54) TOY DEVICE</p> <hr/> <p>(71) The Dynamic Engineering Solution Pty Ltd (21) 2021900940 (22) 30.03.2021 (54) CRANE</p> <hr/> <p>The Hong Kong Polytechnic University see NewSouth Innovations Pty Limited</p>	<p>(21) 2021900923</p> <hr/> <p>(71) The University of Sydney; Western Sydney Local Health District (21) 2021900924 (22) 29.03.2021 (54) Ventilation assistance</p> <hr/> <p>(71) University of Technology Sydney (21) 2021900918 (22) 29.03.2021 (54) Graphene based electrode for electrophysiological readings</p> <hr/> <p>VAPOR THERAPEUTICS PTY LTD see Skinner, A. (21) 2021900914</p> <hr/> <p>(71) We Are Three Pty Ltd (21) 2021900935 (22) 30.03.2021 (54) Head stabilisation and relaxation device</p> <hr/> <p>Western Sydney Local Health District see The University of Sydney (21) 2021900924</p> <hr/> <p>(71) Wicking, C. (21) 2021900898 (22) 26.03.2021 (54) ANTI-SLIP SHOULDER STRAP HOOK</p>
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2021900842	Smith, A.
2021900865	Inzitari, F.
2021900870	Gomez, R.
2021900880	Advanced Biomedical Technologies PTY LTD
2021900881	Momentum Concepts Pty Ltd
2021900886	Synergy Global Science Pty Ltd
2021900892	Liquid Time Pty Ltd
2021900893	Minelab Electronics Pty. Limited
2021900894	larkin, b.
2021900895	Ayre, P.
2021900898	Wicking, C.
2021900903	Leisk, J.
2021900913	InterK Peptide Therapeutics Limited
2021900914	Skinner, A.; VAPOR THERAPEUTICS PTY LTD
2021900915	La Zouch Pty Ltd
2021900916	Beyond Architectural Pty Ltd
2021900917	Hamilton, W.
2021900918	University of Technology Sydney
2021900919	larkin, b.
2021900920	KIRKHAM, S.
2021900921	ROURKE, C.
2021900922	Moroz Technologies Pty Ltd
2021900923	NewSouth Innovations Pty Limited; The Hong Kong Polytechnic University
2021900924	The University of Sydney; Western Sydney Local Health District
2021900925	Centurion Framing Systems Pty Ltd
2021900926	Isolate Innovations Pty Ltd
2021900927	Monash University
2021900928	Cindicium Pte Ltd
2021900929	Adama Australia Pty Limited
2021900930	Cashmore, S.; Cashmore, J.
2021900932	SMART FARM DATA LIMITED
2021900933	Blastone Technology Pty Ltd
2021900934	Cripps Clark, J.
2021900935	We Are Three Pty Ltd
2021900939	RMIT University
2021900940	The Dynamic Engineering Solution Pty Ltd
2021900941	SCF Group Pty Ltd
2021900942	Hill, B.
2021900943	Langton, A.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 30 Mar 2021 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 3AM Innovations LLC (21) 2021201818 (22) 23.03.2021 (54) Tracking and accountability device and system (62) 2017395024</p> <hr/> <p>(71) Alcohol Monitoring Systems, Inc. (21) 2021201816 (22) 23.03.2021 (54) REMOTE BREATH ALCOHOL MONITORING (62) 2019202187</p> <hr/> <p>(71) Apple Inc. (21) 2021201814 (22) 23.03.2021 (54) Unlocking a device by performing gestures on an unlock image (62) 2019283970</p> <hr/> <p>(71) BAYER CROPSCIENCE LP (21) 2021201813 (22) 23.03.2021 (54) Method for applying an agrochemical to an agricultural area of interest (62) 2016283019</p> <hr/> <p>(71) Beijing Baidu Netcom Science and Technology Co., Ltd. (21) 2021201794 (22) 23.03.2021 (54) Method and apparatus for evaluating quantum gate in superconducting circuit, device and storage (31) 202010682400.0 (32) 15.07.20 (33) CN</p> <hr/> <p>(71) Beijing Baidu Netcom Science and Technology Co., Ltd. (21) 2021201798 (22) 23.03.2021 (54) High-fidelity superconducting circuit structure, superconducting quantum chip, and superconducting quantum computer (31) 202010682384.5 (32) 15.07.20 (33) CN</p> <hr/> <p>(71) Boston Scientific Neuromodulation Corporation (21) 2021201819 (22) 23.03.2021 (54) Systems and methods for delivering sub-threshold therapy to a patient (62) 2018274915</p> <hr/> <p>(71) Dolby Laboratories Licensing Corporation (21) 2021201806 (22) 23.03.2021</p>	<p>(54) Device and method of improving the perceptual luminance nonlinearity-based image data exchange across different display capabilities (62) 2019264649</p> <hr/> <p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2021201838 (22) 24.03.2021 (54) PATIENT INTERFACE AND ASPECTS THEREOF (62) 2020223628</p> <hr/> <p>(71) GE Global Sourcing LLC (21) 2021201828 (22) 24.03.2021 (54) VEHICLE SENSOR ASSEMBLY (62) 2016273953</p> <hr/> <p>(71) Hexima Limited (21) 2021201810 (22) 23.03.2021 (54) A method of treatment (62) 2015336933</p> <hr/> <p>(71) indurad GmbH (21) 2021201833 (22) 24.03.2021 (54) Method and Arrangement for controlling the Filing and Inspection of Boreholes (31) 20 165 157.7 (32) 24.03.21 (33) EP</p> <hr/> <p>(71) Ingerson, D. (21) 2021201839 (22) 24.03.2021 (54) MOBILITY APPARATUS (31) 2020900889 (32) 24.03.20 (33) AU</p> <hr/> <p>(71) Ingram Micro Inc. (21) 2021201836 (22) 24.03.2021 (54) System and method for connector development and integration channel deployment (62) 2019268349</p> <hr/> <p>(71) LanzaTech New Zealand Limited (21) 2021201835 (22) 24.03.2021 (54) Gas testing unit and method (62) 2015335917</p> <hr/> <p>(71) LG Electronics Inc. (21) 2021201808 (22) 23.03.2021 (54) Method and device for performing image decoding on basis of intra prediction in image coding system (62) 2018276649</p>	<hr/> <p>(71) Limestone Holdings Pty Limited (21) 2021201820 (22) 23.03.2021 (54) A kit for forming a panel and a method of forming a panel (62) 2018267646</p> <hr/> <p>(71) Loxo Oncology, Inc. (21) 2021201811 (22) 23.03.2021 (54) Compounds useful as kinase inhibitors (62) 2016373530</p> <hr/> <p>(71) Multi-Chem Group, LLC (21) 2021201823 (22) 24.03.2021 (54) Ethoxylated amines for use in subterranean formations (62) 2015414721</p> <hr/> <p>(71) NanoPhagix LLC (21) 2021201809 (22) 23.03.2021 (54) Drug delivery and imaging chemical conjugate, formulations and methods of use thereof (62) 2019229349</p> <hr/> <p>(71) Netflix, Inc. (21) 2021201825 (22) 24.03.2021 (54) Scalable techniques for executing custom algorithms on media items (62) 2018324192</p> <hr/> <p>(71) Nichia Corporation (21) 2021201829 (22) 24.03.2021 (54) LIGHT EMITTING DEVICE (62) 2015227547</p> <hr/> <p>(71) Prince, T.L. (21) 2021201821 (22) 23.03.2021 (54) Processes for utilizing safety syringe assemblies (62) PCT/US2019/049441, PCT/US2020/047496</p> <hr/> <p>(71) Pure Vista Ltd (21) 2021201830 (22) 24.03.2021 (54) System and Method of Releasably Securing a Wedge in a Gap (31) GB2004585.2 (32) 30.03.20 (33) GB</p> <hr/> <p>(71) Rare Element Resources Ltd (21) 2021201824 (22) 24.03.2021</p>
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Complete Applications Filed - Name Index cont'd

(54) Processing For The Extraction Of Rare Earth Elements
 (62) 2015329723

(71) Regeneron Pharmaceuticals, Inc.
 (21) 2021201827 (22) 24.03.2021
 (54) NON-HUMAN ANIMALS HAVING A DISRUPTION IN A C9ORF72 LOCUS
 (62) 2016270587

(71) Robinson, M.
 (21) 2021201691 (22) 17.03.2021
 (54) Bunny Race Egg Hunt Board Game

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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The codes next to each number have the following meanings:

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- 1 Application Lapsed Section 142(2)(a)
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 2019203541 (5C) 2019203795 (4C) 2019203798 (5C)
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 2019206022 (5C) 2019219713 (5C) 2019226168 (4C)
 2019229349 (5C) 2019237860 (12A) 2019240605 (5C)
 2019268069 (16C)

2020

2020101104 (21F) 2020101113 (22E) 2020101148 (21F)
 2020101217 (21F) 2020101332 (21F) 2020103768 (18AN)
 2020200613 (5C) 2020201404 (5C) 2020202167 (4B)
 2020901006 (12AN)

2021

2021200003 (7AN)

Assignments before Grant, Section 113

2016

2016333158 MetaLeach Limited The application has been assigned to **CAPSA Metals Pty Ltd**

2017

2017233121 Evive Biotechnology (Shanghai) Ltd The application has been assigned to **Evive Biotech Ltd.**

2017340007 Kim, Ki Baek The application has been assigned to **B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.**

2018

2018387258 Universita' Degli Studi di Trento The application has been assigned to **Advanced Extracellular Vesicle Applications S.R.L.**

2019

2019205149 Sciroot Ltd. The application has been assigned to **N-Drip Ltd**

2019241823 Kim, Ki The application has been assigned to **B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.**

2019247240 Kim, Ki The application has been assigned to **B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.**

2019249282 Redbud Labs, Inc. The application has been assigned to **The University of North Carolina at Chapel Hill**

Extensions of Time, Section 223

Applications Received

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

2012

2012272781 **Hygieia, Inc.** An application to extend the time from 22 Jun 2020 to 22 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2012283757 **VRM International Pty Ltd** An application to extend the time from 12 Jul 2020 to 12 Apr 2021 in which to pay a renewal fee has been filed . Address for service - HoppoodGanim Level 8 Waterfront Place 1 Eagle Street BRISBANE QLD 4000 AU

2013

2013286827 **Cervino, C.** An application to extend the time from 08 Jul 2020 to 08 Apr 2021 in which to pay the renewal fee has been filed . Address for service - Gestalt Law Pty Ltd GPO Box 683 Sydney NSW 2001 AU

2013391427 **Lifteck International Inc.** An application to extend the time from 28 May 2020 to 28 Feb 2021 in which to pay the renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017

2017408169 **Obshestvo S Ogranichenoi Otvetstvennost'u "Bio-microgeli"** An application to extend the time from 08 Jan 2021 to 08 Jul 2021 in which to gain acceptance has been filed . Address for service - AJ Pietras IP Limited Level 1, 29 Kings Crescent Lower Hutt Wellington 5010 NZ

2019

2019100033 **Miller, B.** An application to extend the time from 23 May 2020 to 23 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Barry Ian Miller 182 Heidelberg-Warrandyte Road Doncaster East VIC 3109 AU

Applications Allowed - Section 223(2)

2015

2015327954 **Ferrer, J.** The time in which to gain acceptance has been extended to 22 Sep 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2015355644 **Johnson And Nicholson (M) Sdn Bhd** The time in which to gain acceptance has been extended to 03 May 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd Level 15 241 Adelaide Street BRISBANE QLD 4000 AU

2017

2017202895 **Maze Distribution Pty Ltd** The time in which to gain acceptance has been extended to 21 Jul 2021 . Address for service - Roger Syn & Co. Patent & Trade Mark Attorneys P.O. Box 777 Glen Waverley VIC 3150 AU

Extensions of Time, Section 223

2017232793 **Ferrer, J.** The time in which to gain acceptance has been extended to 08 Oct 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2019

2019284145 **RYW HOLDINGS PTY LTD** The time in which to gain acceptance has been extended to 30 Jun 2021 . Address for service - Wallington-Dummer SE 1005, 37 Bligh St Sydney NSW 2000 AU

2020

2020203262 **Everett, T.** The time in which to gain acceptance has been extended to 03 Oct 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2020204466 **EVERETT, T.** The time in which to gain acceptance has been extended to 25 Nov 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2021

2021200960 **Air Sanz Holdings Pty Ltd** The time in which to request examination has been extended to 23 Jul 2021 . Address for service - Roger Syn & Co. Patent & Trade Mark Attorneys P.O. Box 777 Glen Waverley VIC 3150 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.

2002

2002334413 Low hygroscopic aripiprazole drug substance and processes for the preparation thereof **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017

2017254933 CONTROLLED ATMOSPHERE RECIRCULATION OVEN **Furnace Engineering Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read GOODEN, Brian Philip; NEWMAN, Peter and SIMPSON, Richard . Address for service - Churchill Attorneys PO Box 3238 BURNLEY NORTH VIC 3121 AU

2017256027 Solid depollution composition, method for obtaining it and its uses **Prevor International** The nature of the amendment is: Amend the name of the inventor to read Blomet, Joël; Meyer, Marie-Claude and Aurélien, Duval . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2017418972 Male incontinence guard and method for manufacturing a male incontinence guard **Essity Hygiene and Health Aktiebolag** The nature of the amendment is as shown in the statement(s) filed 23

Amendments

Mar 2021 . Address for service - Griffith Hack Level 10 161 Collins St
MELBOURNE VIC 3000 AU

2018

2018218287 Outdoor power equipment vehicle adapted for performing work operations on turf surfaces **The Toro Company** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2021 . Address for service - Dennemeyer & Associates PO Box 363 KEW VIC 3101 AU

2018244592 Chimeric polypeptides and methods of altering their localisation in the cell membrane **Cell Design Labs, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Mar 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 43 101 Collins Street Melbourne VIC 3000 AU

2018350527 Method and apparatus for verifying documents and identity **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2018353495 Identifier **Please Hold (UK) Limited** The nature of the amendment is: Amend the name of the inventor to read LAFFERTY, Daniel Patrick; SALMON, Alice and DRENNAN, Lucy . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2019

2019201685 Low field magnetic resonance imaging methods and apparatus **Hyperfine Research, Inc.** The nature of the amendment is: Amend the name of the inventor to read Rothberg, Jonathan M.; Rosen, Matthew Scot; Charvat, Gregory L.; Mileski, William J.; Rearick, Todd; Michael Stephen, Poole and Fife, Keith . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019204689 Solid dosage forms of palbociclib **Pfizer Inc.** The nature of the amendment is: Amend the name of the inventor to read Wang, Jian; Spong, Barbara Rodriguez; Shanker, Ravi Mysore; Mullarney, Matthew Patrick; Ibrahim, Fady Makram Louiz; Caldwell, William Brett; Kaushal, Aditya Mohan and Wald, Randy Joseph . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019204710 Managing cryptographic keys based on identity information **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Mar 2021 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

Amendments Made**2017**

2017204231 **Bayer Intellectual Property GmbH** The nature of the amendment is as shown in the statements filed 03 Apr 2020 and 04 May 2020

2017259259 **Janssen Vaccines & Prevention B.V.; Bavarian Nordic A/S** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 28 Jan 2021

Amendments**2018**

2018102075 **Kilmallock (ACT) Pty Ltd** The nature of the amendment is as shown in the statements filed 30 Aug 2020 and 22 Nov 2020

2018305459 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 04 Jan 2021

2019

2019204364 **Molecular Templates, Inc.** The nature of the amendment is as shown in the statement filed 18 Dec 2020

2019206052 **Ideya Labs, LLC** The nature of the amendment is: Amend the priority details to read 16/405,609 07 May 2019 US

2019240711 **NTT DOCOMO, INC.** The nature of the amendment is as shown in the statement filed 24 Dec 2020

2019246403 **GE Healthcare Limited** The nature of the amendment is: Amend the invention title to read Solid phase purification

2019246403 **GE Healthcare Limited** The nature of the amendment is: Amend the name of the inventor to read ENGELL, Torgrim; JACKSON, Alexander; KHAN, Imtiaz Ahmed; CLARKE, Alan P.; MCROBBIE, Graeme and GRIGG, Julian

2019372611 **Globeride, Inc.** The nature of the amendment is: Amend the invention title to read Fishing rod comprising multiple jointed rod bodies

2019378667 **Alipay (Hangzhou) Information Technology Co., Ltd.** The nature of the amendment is as shown in the statement filed 24 Mar 2021

2020

2020202801 **Taiyuan University of Technology; Guiyang Plateau Machinery Company Limited** The nature of the amendment is: Amend the invention title to read Double-drum linkage winding type hoisting system with permanent magnet outer rotor drive

2020286221 **Trigemina, Inc.** The nature of the amendment is as shown in the statement filed 23 Mar 2021

Alteration of Name(s) of Applicant(s)/Patentee(s)**2004**

2004284832 Bamed AG The name of the patentee has been altered to **MAM Baby AG**

2005

2005295579 Symantec Corporation The name of the patentee has been altered to **NortonLifeLock Inc.**

2006

2006200239 Bamed AG The name of the patentee has been altered to **MAM Baby AG**

Amendments**2007**

2007215180 Symantec Corporation The name of the patentee has been altered to **NortonLifeLock Inc.**

2007243649 Symantec Corporation The name of the patentee has been altered to **NortonLifeLock Inc.**

2012

2012342618 Bamed AG The name of the patentee has been altered to **MAM Baby AG**

2015

2015370805 H.E.F. The name of the patentee has been altered to **HYDROMECHANIQUE ET FROTTEMENT**

2016

2016294450 Arvinas, Inc. The name of the applicant has been altered to **Arvinas Operations, Inc.**

2018

2018243836 Axial Biotherapeutics, Inc. The name of the applicant has been altered to **Axial Therapeutics, Inc.**

2018321119 Bamed AG The name of the applicant has been altered to **MAM Baby AG**

2019

2019222659 Purdue Research Foundation; Nanovis, Inc. The name of the applicant has been altered to **Purdue Research Foundation; Nanovis, LLC**

Applications Open to Public Inspection

Name Index

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

(71) 4D Pharma León, S.L.U.
 (11) AU-A-2021201767
 (21) 2021201767 (22) 22.03.2021
 (54) Process for lyophilising a product
 (51) Int. Cl.

F26B 5/06 (2006.01)
A61J 1/10 (2006.01)

(43) 15.04.2021
 (62) 2018300358
 (72) Carite, Christophe; Declomesnil, Sophie
 (74) FB Rice Pty Ltd

(71) Acres Technology
 (11) AU-A-2021201769
 (21) 2021201769 (22) 22.03.2021
 (54) Method and Apparatus for Monitoring a Network of Gaming Machines and Dispatching Service Providers
 (51) Int. Cl.

G06Q 50/34 (2012.01)

(43) 15.04.2021
 (62) 2019200122
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Aguti Produktentwicklung & Design GmbH
 (11) AU-A-2019240596
 (21) 2019240596 (22) 01.10.2019
 (54) Device for arranging a passenger restraint system in a vehicle
 (51) Int. Cl.

B60R 22/22 (2006.01)
B60N 2/015 (2006.01)
B60N 2/24 (2006.01)
B60N 2/42 (2006.01)
B60N 2/427 (2006.01)
B60N 2/68 (2006.01)
B60R 21/02 (2006.01)
B60R 22/03 (2006.01)

(43) 15.04.2021
 (72) GRIEGER, Andreas
 (74) Spruson & Ferguson

(71) Allergan Industrie, SAS
 (11) AU-A-2021201803
 (21) 2021201803 (22) 23.03.2021
 (54) Polysaccharide gel formulation
 (51) Int. Cl.

A61K 8/60 (2006.01)
A61K 8/04 (2006.01)
A61K 8/73 (2006.01)
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 31/738 (2006.01)
A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
C08B 37/00 (2006.01)

(43) 15.04.2021
 (62) 2018260925
 (72) Stroumpoulis, Dimitrios; Mudd, Christopher S.; Tezel, Ahmet
 (74) Davies Collison Cave Pty Ltd

(71) Allergan Pharmaceuticals International Limited
 (11) AU-A-2021201321
 (21) 2021201321 (22) 01.03.2021
 (54) Preparation and/or formulation of proteins cross-linked with polysaccharides
 (51) Int. Cl.

A61L 27/20 (2006.01)
A61K 8/64 (2006.01)
A61L 27/22 (2006.01)
A61L 27/24 (2006.01)
C08H 1/00 (2006.01)

(43) 15.04.2021
 (62) 2018222971
 (72) Sommer-Knudsen, Jens
 (74) FPA Patent Attorneys Pty Ltd

(71) Alliqua BioMedical, Inc.
 (11) AU-A-2021201720
 (21) 2021201720 (22) 18.03.2021
 (54) Systems and methods for producing and delivering ultrasonic therapies for wound treatment and healing
 (51) Int. Cl.

A61N 7/00 (2006.01)
A61M 35/00 (2006.01)

(43) 15.04.2021
 (62) 2019219713
 (72) LOVEN, Ross; SAMPSON, Jeff; QIN, Li; TETZLOFF, Ryan Glen; DUCHON, Douglas
 (74) Spruson & Ferguson

(71) Allnex Netherlands B.V.
 (11) AU-A-2021201739
 (21) 2021201739 (22) 19.03.2021
 (54) RMA crosslinkable compositions and RMA crosslinkable resins for easy to clean coatings
 (51) Int. Cl.

C09D 167/08 (2006.01)
C08F 8/00 (2006.01)
C08J 3/24 (2006.01)
C08L 67/08 (2006.01)

(43) 15.04.2021
 (62) 2016250029
 (72) BRINKHUIS, Richard Hendrikus Gerit; GESSNER, Michael Anthony; MESTACH, Dirk Emiel Paula; SUBRAMANIAN, Ramesh; DEGOOYER, William Jay; NANDA, Ajaya; MCCracken, Eric Matthew; FALLANI, Francesca; MBALLA MBALLA, Monique Alexina; BOSMA, Martin
 (74) Griffith Hack

(71) Amgen Inc.; ConnectMeSmart GmbH
 (11) AU-A-2021201762
 (21) 2021201762 (22) 22.03.2021
 (54) System and method for detecting activation of a medical delivery device
 (51) Int. Cl.

A61J 7/04 (2006.01)

(43) 15.04.2021
 (62) 2015292918
 (72) Albrecht, Sabine; Baus, Markus
 (74) Shelston IP Pty Ltd.

(71) Amylyx Pharmaceuticals Inc.
 (11) AU-A-2021201770
 (21) 2021201770 (22) 22.03.2021
 (54) Compositions for improving cell viability and methods of use thereof
 (51) Int. Cl.

A61K 31/19 (2006.01)
A61K 31/185 (2006.01)
A61K 31/195 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)

(43) 15.04.2021
 (62) 2019200658
 (72) COHEN, Joshua B.; KLEE, Justin
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2020239723
 (21) 2020239723 (22) 24.09.2020
 (54) Magnetic alignment systems with NFC for electronic devices
 (51) Int. Cl.

H02J 50/10 (2016.01)
H01F 38/14 (2006.01)
H02J 50/40 (2016.01)
H02J 50/80 (2016.01)
H02J 50/90 (2016.01)
H04B 5/00 (2006.01)

(31) 62/907,332 (32) 27.09.19 (33) US
 63/061,752 05.08.20 US
 17/028,256 22.09.20 US
 (43) 15.04.2021

(72) Larsson, Karl Ruben Fredrik; Oro, Aaron A.; Rasmussen, Timothy J.; Graham, Christopher S.; Jol, Eric S.; Wu, James C.; Karanikos, Demetrios B.; Daly, Miranda L.; Thompson, Paul J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021201748
 (21) 2021201748 (22) 19.03.2021
 (54) User interface for manipulating user interface objects
 (51) Int. Cl.

G06F 3/0362 (2013.01)
G04G 21/00 (2010.01)

Applications Open to Public Inspection - Name Index cont'd

- (43) 15.04.2021
 (62) 2019206101
 (72) ZAMBETTI, Nicholas; CHAUDHRI, Imran; DASCOLA, Jonathan R.; DYE, Alan C.; FOSS, Christopher Patrick; GUZMAN, Aurelio; KARUNAMUNI, Chanaka G.; KERR, Duncan Robert; LEMAY, Stephen O.; MARIC, Natalia; WILSON, Christopher; WILSON, Eric Lance; YANG, Lawrence Y.; BUTCHER, Gary Ian; DAVYDOV, Anton M.; EDWARDS, Dylan Ross; IVE, Jonathan P.; KENNEDY, Zachery; KING, Nicholas V.; PRESTON, Daniel Trent
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2021201777
 (21) 2021201777 (22) 22.03.2021
 (54) Devices, methods, and graphical user interfaces for wireless pairing with peripheral devices and displaying status information concerning the peripheral devices
 (51) Int. Cl.
 H04M 1/60 (2006.01)
 G06F 3/0484 (2013.01)
 (43) 15.04.2021
 (62) 2019203626
 (72) BEHZADI, Arian; STACK, Caelan G.; CHAUDHRI, Imran; COFFMAN, Patrick L.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2021201780
 (21) 2021201780 (22) 22.03.2021
 (54) User interface for manipulating user interface objects
 (51) Int. Cl.
 G06F 3/0362 (2013.01)
 G04G 21/00 (2010.01)
 (43) 15.04.2021
 (62) 2019272034
 (72) ZAMBETTI, Nicholas; CHAUDHRI, Imran; DASCOLA, Jonathan R.; DYE, Alan C.; FOSS, Christopher Patrick; GUZMAN, Aurelio; KARUNAMUNI, Chanaka G.; KERR, Duncan Robert; WILSON, Christopher; WILSON, Eric Lance; YANG, Lawrence Y.; BUTCHER, Gary Ian; DE VRIES, Nathan; IVE, Jonathan P.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Applied Medical Resources Corporation
 (11) AU-A-2021201792
 (21) 2021201792 (22) 23.03.2021
 (54) Laparoscopic suturing system
 (51) Int. Cl.
 A61B 17/062 (2006.01)
 A61B 17/06 (2006.01)
 (43) 15.04.2021
 (62) 2016321317
 (72) GORSKI, Steven; TAYLOR, Scott V.; MCGINLEY, Kimball B.
 (74) Griffith Hack
-
- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2020203834
 (21) 2020203834 (22) 10.06.2020
 (54) ARTICULATING HINGE ASSEMBLY FOR USE WITH A GAMING MACHINE CABINET
 (51) Int. Cl.
 E05D 3/16 (2006.01)
 E05D 5/06 (2006.01)
 G07F 17/32 (2006.01)
 (31) 16//585,877 (32) 27.09.19 (33) US
 (43) 15.04.2021
 (72) CHAUDHARI, Deepak; MUTUKUNDU, Prabhakar; ABALI, Muharrem
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2020239705
 (21) 2020239705 (22) 23.09.2020
 (54) GAMING MACHINE AND METHOD WITH HOLD AND SPIN SYMBOL PROPAGATION
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 (31) 16/586,240 (32) 27.09.19 (33) US
 (43) 15.04.2021
 (72) HANDA, Shivangi; MALIK, Sahil
 (74) Griffith Hack
-
- (71) Baxter Corporation Englewood
 (11) AU-A-2021201530
 (21) 2021201530 (22) 10.03.2021
 (54) MEDICATION REQUISITION FULFILLMENT SYSTEM AND METHOD
 (51) Int. Cl.
 G16B 99/00 (2019.01)
 (43) 15.04.2021
 (62) 2019203303
 (72) SCHNEIDER, Dennis I.
 (74) K&L Gates
-
- (71) Baylor Research Institute
 (11) AU-A-2021201773
 (21) 2021201773 (22) 22.03.2021
 (54) Methods and compositions for treating autoimmune and inflammatory conditions
 (51) Int. Cl.
 C07K 19/00 (2006.01)
 A01N 63/00 (2020.01)
 A61K 38/20 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
 A61P 19/02 (2006.01)
 A61P 29/00 (2006.01)
 (43) 15.04.2021
 (62) 2015258875
 (72) OH, SangKon; ZURAWSKI, Sandra; JOO, Hyemee; ZURAWSKI, Gerard
 (74) Davies Collison Cave Pty Ltd
-
- (71) Beijing SenseTime Technology Development Co., Ltd.
 (11) AU-A-2020335016
 (21) 2020335016 (22) 29.04.2020
-
- (54) Human detection method and apparatus, computer device and storage medium
 (51) Int. Cl.
 G06K 9/00 (2006.01)
 (31) 201910926373.4 (32) 27.09.19 (33) CN
 (43) 15.04.2021
 (72) DUAN, Haodong; LIU, Wentao
 (74) FB Rice Pty Ltd
-
- (71) BEYONDSRING PHARMACEUTICALS, INC.
 (11) AU-A-2021201784
 (21) 2021201784 (22) 22.03.2021
 (54) Plinabulin compositions
 (51) Int. Cl.
 C07D 403/06 (2006.01)
 (43) 15.04.2021
 (62) 2016291708
 (72) HUANG, Lan; SINGH, Aniruddh
 (74) Griffith Hack
-
- (71) Bioerativ USA Inc.
 (11) AU-A-2021201759
 (21) 2021201759 (22) 22.03.2021
 (54) Anti-complement C1s antibodies and uses thereof
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 (43) 15.04.2021
 (62) 2019200448
 (72) Van Vlasselaer, Peter; Parry, Graham; Stagliano, Nancy E.; Panicker, Sandip
 (74) FB Rice Pty Ltd
-
- (71) Bluescope Steel Limited
 (11) AU-A-2021201732
 (21) 2021201732 (22) 19.03.2021
 (54) Roof Clip
 (51) Int. Cl.
 E04D 1/34 (2006.01)
 E04D 3/36 (2006.01)
 E04F 13/08 (2006.01)
 (43) 15.04.2021
 (62) 2016206190
 (72) GALLATY, Rodney John; CELEBAN, Michael
 (74) WRAYS PTY LTD
-
- (71) Bullfrog International, L.C.
 (11) AU-A-2020239690
 (21) 2020239690 (22) 23.09.2020
 (54) Spa structural support assembly
 (51) Int. Cl.
 E04H 4/14 (2006.01)
 E04H 4/00 (2006.01)
 (31) 62/906,493 (32) 26.09.19 (33) US
 (43) 15.04.2021
 (72) TULETT, Nathan; HALES, Eric; LARSEN, Creed; McLane, Mark; ANDERSEN, Todd; LUNDELL, Chris; EDINGTON, Richard Alex
 (74) Spruson & Ferguson
-
- (71) CATERPILLAR INC.
 (11) AU-A-2020230300

Applications Open to Public Inspection - Name Index cont'd

(21) 2020230300 (22) 10.09.2020
 (54) OPERATOR DETECTION SYSTEM
 (51) Int. Cl.
B60K 28/04 (2006.01)
E01F 9/20 (2016.01)
G05B 19/406 (2006.01)
 (31) 16/589,812 (32) 01.10.19 (33) US
 (43) 15.04.2021
 (72) COBO, Michael A.; ROBINSON, Mark A.; AYERS, Justin; MARKS, Scott A.; MASON, Joshua A.; BERNING, Beau J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Underground Mining Pty Ltd
 (11) AU-A-2019240588
 (21) 2019240588 (22) 01.10.2019
 (54) Method and system for operating implement assemblies of machines
 (51) Int. Cl.
E02F 9/20 (2006.01)
E02F 3/28 (2006.01)
E02F 3/43 (2006.01)
E02F 3/84 (2006.01)
E02F 9/26 (2006.01)
G01C 21/00 (2006.01)
G01C 21/30 (2006.01)
G01D 5/02 (2006.01)
G01S 13/88 (2006.01)
G01S 13/89 (2006.01)
G01S 13/931 (2020.01)
G01S 17/00 (2006.01)
G01S 17/89 (2020.01)
G01S 17/931 (2020.01)
G01S 19/42 (2010.01)
G05D 1/02 (2020.01)
 (43) 15.04.2021
 (72) Kumar P. H., Pradeep
 (74) FPA Patent Attorneys Pty Ltd

(71) CFPH, LLC
 (11) AU-A-2021201764
 (21) 2021201764 (22) 22.03.2021
 (54) COMPUTER BASED GAMING
 (51) Int. Cl.
A63F 1/00 (2006.01)
G06F 17/00 (2019.01)
 (43) 15.04.2021
 (62) 2019201126
 (72) Lutnick, Howard W.; Alderucci, Dean P.; Gelman, Geoffrey
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Charles Sturt University
 (11) AU-A-2021201778
 (21) 2021201778 (22) 22.03.2021
 (54) Novel, heavy vitamin B12 derivatives
 (51) Int. Cl.
C07H 23/00 (2006.01)
A61K 31/714 (2006.01)
G01N 33/82 (2006.01)
 (43) 15.04.2021
 (62) 2020217355
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H04N 9/47 (2006.01)
H04N 13/204 (2018.01)
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sources for defined spaces and time
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allocation algorithm to perform the task
of allocating a space, furniture, equip-
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C11D 1/72 (2006.01)
C11D 3/04 (2006.01)
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C09K 8/68 (2006.01)
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A61K 39/395 (2006.01)
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(51) Int. Cl.
G10H 1/00 (2006.01)
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G11B 27/038 (2006.01)
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 (21) 2021201736 (22) 19.03.2021
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 (51) Int. Cl.
A61K 9/00 (2006.01)

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 (74) Griffith Hack

(71) Mettler-Toledo LLC

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 (51) Int. Cl.
E04C 5/03 (2006.01)
E04C 5/18 (2006.01)
G01G 19/02 (2006.01)
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 (72) DRAPER, Craig
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G06Q 50/30 (2012.01)

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 (54) A DOWNHOLE COUPLING MECHANISM

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E21B 17/046 (2006.01)
E21B 33/12 (2006.01)
E21B 33/128 (2006.01)

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 (74) Madderns Pty Ltd

(71) Nelson Irrigation Corporation

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A01G 25/09 (2006.01)

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(71) Netflix, Inc.

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 (21) 2021201757 (22) 22.03.2021
 (54) Staggered key frame video encoding
 (51) Int. Cl.
H04N 19/172 (2014.01)
H04N 19/114 (2014.01)
H04N 21/2343 (2011.01)
H04N 21/262 (2011.01)
H04N 21/438 (2011.01)

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 (74) FPA Patent Attorneys Pty Ltd

(71) Netflix, Inc.

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 (21) 2021201760 (22) 22.03.2021
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H04N 21/2343 (2011.01)
H04N 19/124 (2014.01)
H04N 19/147 (2014.01)
H04N 19/154 (2014.01)
H04N 19/179 (2014.01)
H04N 19/192 (2014.01)
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(71) Ogab Limited

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 (51) Int. Cl.
F03D 1/06 (2006.01)

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 (54) Transmission apparatus and transmission method

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H04L 27/26 (2006.01)
H04B 7/04 (2017.01)
H04J 99/00 (2009.01)

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 (74) Griffith Hack

(71) Pfizer Inc

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C07K 14/22 (2006.01)
A61K 39/095 (2006.01)
C07K 16/12 (2006.01)

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 (74) Davies Collison Cave Pty Ltd

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 (21) 2020244530 (22) 01.10.2020
 (54) COMPOSITE PRODUCT AND MANUFACTURE THEREOF
 (51) Int. Cl.
B29C 39/02 (2006.01)
B29C 39/00 (2006.01)
B29C 39/42 (2006.01)
E01F 9/60 (2016.01)
E01F 9/623 (2016.01)
E04H 12/00 (2006.01)
B29K 105/26 (2006.01)

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(71) Price Holyoake (NZ) Limited

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 (21) 2021201795 (22) 23.03.2021
 (54) Fire Damper
 (51) Int. Cl.

F16L 5/04 (2006.01)
A62C 2/12 (2006.01)
A62C 2/24 (2006.01)
F16L 55/10 (2006.01)
F16L 59/12 (2006.01)
F24F 11/35 (2018.01)

(43) 15.04.2021
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 (72) Holder, Gary Brian; Holyoake, Scott Noel
 (74) James & Wells Intellectual Property

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 (21) 2021201797 (22) 23.03.2021
 (54) Fire Damper
 (51) Int. Cl.
F16L 5/04 (2006.01)
A62C 2/12 (2006.01)
A62C 2/24 (2006.01)
F16L 55/10 (2006.01)
F16L 59/12 (2006.01)
F24F 11/35 (2018.01)
 (43) 15.04.2021
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 (72) Holder, Gary Brian; Holyoake, Scott Noel
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 (21) 2021201730 (22) 19.03.2021
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H04L 1/18 (2006.01)
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B65D 83/02 (2006.01)
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 (43) 15.04.2021
 (72) LIN, Mei
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 (11) AU-A-2021201790
 (21) 2021201790 (22) 23.03.2021
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A61K 31/56 (2006.01)
A61P 3/00 (2006.01)
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A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
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G03G 15/08 (2006.01)
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 (74) WRAYS PTY LTD
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- (71) Ruby Industries Pty Limited
 (11) AU-A-2020244515
 (21) 2020244515 (22) 30.09.2020
 (54) Plumbing Tool
 (51) Int. Cl.
B25F 1/04 (2006.01)
B23C 1/20 (2006.01)
B23C 3/00 (2006.01)
B23C 7/00 (2006.01)
B23C 9/00 (2006.01)
B25B 7/14 (2006.01)
B25F 5/00 (2006.01)
B25F 5/02 (2006.01)
E03C 1/04 (2006.01)
 (31) 2019903684 (32) 30.09.19 (33) AU
 (43) 15.04.2021
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 (74) MEYER WEST IP PTY LTD
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 (11) AU-A-2021200462
 (21) 2021200462 (22) 25.01.2021
 (54) Insulation element comprising a label handle and label handle for said insulation element
 (51) Int. Cl.
B65D 75/56 (2006.01)
B65D 85/08 (2006.01)
 (43) 15.04.2021
 (62) 2016227588
 (72) ROSS-ZOLKIEWICZ, Jerzy
 (74) Griffith Hack
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 (54) SWITCH STATE DETECTOR
 (51) Int. Cl.
H01H 9/16 (2006.01)
H01H 13/02 (2006.01)
H01H 15/02 (2006.01)
H01H 19/02 (2006.01)
H01H 21/02 (2006.01)
H01H 23/02 (2006.01)
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H01H 9/26 (2006.01)
H01H 9/16 (2006.01)
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 (51) Int. Cl.
H02M 1/36 (2007.01)
G05F 1/02 (2006.01)
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G06K 9/62 (2006.01)
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A61F 5/56 (2006.01)
A61C 7/36 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick
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- (71) SharkNinja Operating LLC
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 (54) SURFACE CLEANING HEAD WITH LEADING ROLLER
 (51) Int. Cl.
A47L 5/00 (2006.01)
A47L 9/00 (2006.01)
A47L 9/02 (2006.01)
A47L 9/04 (2006.01)
A47L 11/00 (2006.01)

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A47L 11/10 (2006.01)
A47L 11/18 (2006.01)
A47L 11/20 (2006.01)
A47L 11/204 (2006.01)
A47L 11/206 (2006.01)
A47L 11/24 (2006.01)
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(21) 2020239791

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(11) AU-A-2021201741
(21) 2021201741 **(22)** 19.03.2021
(54) Treatment or prevention of surgery-induced cachexia and/or expression of myeloid-derived suppressor cells and pro-inflammatory cytokines
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A61K 31/07 (2006.01)
A61K 31/198 (2006.01)
A61K 31/202 (2006.01)
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A61P 35/00 (2006.01)
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E01C 7/35 (2006.01)
E01C 19/10 (2006.01)
E01C 19/20 (2006.01)
E01C 23/16 (2006.01)
E01C 23/20 (2006.01)
E01C 23/22 (2006.01)
E01C 23/24 (2006.01)
(31) 2019903481 **(32)** 19.09.19 **(33)** AU
(43) 15.04.2021
(72) SOUTHGATE, Stephen
(74) Baxter Patent Attorneys Pty Ltd

(71) Stirtec GmbH; Technische Universität Wien
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(54) Friction Stir Welding Tool
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B23K 20/12 (2006.01)

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(21) 2021201789

(71) TECHWAY INDUSTRIAL CO., LTD.
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(21) 2020244471 **(22)** 30.09.2020
(54) POWER TOOL WITH ELECTRICALLY CONTROLLED COMMUTATING ASSEMBLY
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B25F 5/00 (2006.01)
B25B 21/00 (2006.01)
H02K 1/06 (2006.01)
H02P 29/00 (2016.01)
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 109106945 03.03.20 TW
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(74) Atkinson IP

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(21) 2021201805 **(22)** 23.03.2021
(54) A METHOD OF EXECUTING A SERVICE FOR A SERVICE CONSUMER, AS WELL AS A CORRESPONDING NETWORK NODE AND A COMPUTER PROGRAM PRODUCT
(51) Int. Cl.
H04W 8/12 (2009.01)
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(74) AJ PARK

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(54) Maraging steel alloy and methods of making the same
(51) Int. Cl.
C22C 38/08 (2006.01)
C22C 38/06 (2006.01)
C22C 38/10 (2006.01)
C22C 38/12 (2006.01)
C22C 38/14 (2006.01)
C22C 38/18 (2006.01)
(31) 16/589,250 **(32)** 01.10.19 **(33)** US
(43) 15.04.2021
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(74) Spruson & Ferguson

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(11) AU-A-2021201776

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(54) Cold matching by automatic content recognition
(51) Int. Cl.
H04N 21/44 (2011.01)
G06K 9/00 (2006.01)
H04N 21/81 (2011.01)
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(71) TrackX Technology, LLC
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(54) System and method for image localization of effectors during a medical procedure
(51) Int. Cl.
A61B 5/05 (2021.01)
A61B 6/00 (2006.01)
A61B 6/12 (2006.01)
G01N 23/04 (2018.01)
G06K 9/00 (2006.01)
G06T 5/50 (2006.01)
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(54) Material for enhancing attributes of a topical or surface treatment composition
(51) Int. Cl.
A01N 59/00 (2006.01)
A01P 1/00 (2006.01)
C11D 7/06 (2006.01)
(43) 15.04.2021
(62) 2016289456
(72) CARLSON, Lawrence
(74) Griffith Hack

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(54) System and method for video communication
(51) Int. Cl.
G06F 15/16 (2006.01)
H04L 12/18 (2006.01)
H04M 3/42 (2006.01)
(43) 15.04.2021
(62) 2016221369
(72) VAKALAPUDI, Siva Prasad
(74) Siva Prasad VAKALAPUDI

(71) Van Ling, J.
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(54) SYSTEM AND METHOD FOR GENERATING ASSEMBLY INSTRUCTIONS FOR ELECTRICAL NETWORK APPARATUS

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H04N 1/00 (2006.01)
G06F 3/0481 (2013.01)
G06F 3/0482 (2013.01)
G09B 19/00 (2006.01)
H04L 29/08 (2006.01)
H04N 1/21 (2006.01)
(31) 2019903670 (32) 30.09.19 (33) AU
(43) 15.04.2021
(72) Van Ling, Johannes
(74) Michael Buck IP

(71) Vitronic Dr.-Ing. Stein Bildverarbeitungs-systeme GmbH
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(21) 2020239770 (22) 25.09.2020
(54) Method and system for generating motion profiles and traffic network
(51) Int. Cl.
G08G 1/01 (2006.01)
(31) 19200180.8 (32) 27.09.19 (33) EP
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(72) Dieter, Jochen; Minge, Bernhard; Bissé, Tim
(74) FPA Patent Attorneys Pty Ltd

(71) Vorwerk & Co. Interholding GmbH
(11) AU-A-2020227073
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(54) Food processor for controlling another household appliance
(51) Int. Cl.
A47J 43/07 (2006.01)
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H04W 4/80 (2018.01)
(31) 19200818.3 (32) 01.10.19 (33) EP
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(74) FPA Patent Attorneys Pty Ltd

(71) Wattcost Pty Ltd
(11) AU-A-2021201563
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(54) : Processing of resource consumption data via monitoring physically observable behaviors of an existing resource meter and provision of functionalities based on processing of resource consumption data
(51) Int. Cl.
H02J 7/00 (2006.01)
G01D 4/00 (2006.01)
G01R 11/00 (2006.01)
G06M 1/272 (2006.01)
H04L 29/06 (2006.01)
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(62) 2015306076
(72) Soutar, David; Harrington, Demetrious; Alfred, Christopher
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) Waymo LLC
(11) AU-A-2021201755
(21) 2021201755 (22) 19.03.2021

(54) EARLY BOARDING OF PASSENGERS IN AUTONOMOUS VEHICLES
(51) Int. Cl.
G06Q 10/04 (2012.01)
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(74) RnB IP Pty Ltd

(71) Waymo LLC
(11) AU-A-2021201801
(21) 2021201801 (22) 23.03.2021
(54) ARRANGING PASSENGER PICKUPS FOR AUTONOMOUS VEHICLES
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(74) RnB IP Pty Ltd

(71) Xencor, Inc.
(11) AU-A-2021201249
(21) 2021201249 (22) 25.02.2021
(54) Bispecific Antibodies That Bind To CD38 and CD3
(51) Int. Cl.
C07K 16/28 (2006.01)
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C07K 16/46 (2006.01)
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2019341067	MabPlex International, Ltd.	2021201728	FISHER & PAYKEL HEALTHCARE LIMITED
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2020220148	Google LLC	2021201755	Waymo LLC
2020227011	Institute of Oceanographic Instrumentation, Qilu University of Technology (Shandong Academy of Sciences)	2021201757	Netflix, Inc.
2020227073	Vorwerk & Co. Interholding GmbH	2021201759	Bioverativ USA Inc.
2020230244	Fasteners for Retail, Inc.	2021201760	Netflix, Inc.
2020230300	CATERPILLAR INC.	2021201762	Amgen Inc.; ConnectMeSmart GmbH
2020233709	General Electric Technology GmbH	2021201763	Microsoft Technology Licensing, LLC
2020233710	DePuy Synthes Products, Inc.	2021201764	CFPH, LLC
2020233725	LG Electronics Inc.	2021201765	Hangzhou DAC Biotech Co., Ltd
2020233742	MANI, Inc.	2021201766	Grand Performance Online Pty Limited
2020233747	JENOPTIK Traffic Solutions UK Ltd	2021201767	4D Pharma León, S.L.U.
2020239620	Hanifin, A.	2021201768	Fornetix LLC
2020239626	SOUTHGATE, S.	2021201769	Acres Technology
2020239635	Mettler-Toledo LLC	2021201770	Amylyx Pharmaceuticals Inc.
2020239674	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	2021201773	Baylor Research Institute
2020239690	Bullfrog International, L.C.	2021201774	Light Field Lab, Inc.
2020239695	Medos International Sàrl	2021201776	The Nielsen Company (US), LLC
2020239705	Aristocrat Technologies Australia Pty Limited	2021201777	Apple Inc.
2020239723	Apple Inc.	2021201778	Charles Sturt University
2020239770	Vitronic Dr.-Ing. Stein Bildverarbeitungssysteme GmbH	2021201780	Apple Inc.
2020239773	E-CHEM TECHNOLOGIES LTD.	2021201782	TrackX Technology, LLC
2020239791	Schneider Electric (Australia) Pty Limited; SmartSwitch Pty Ltd	2021201784	BEYONDSRING PHARMACEUTICALS, INC.
2020239796	Kano Computing Limited	2021201787	FISHER & PAYKEL HEALTHCARE LIMITED
2020244450	Kano Computing Limited	2021201789	Stirtec GmbH; Technische Universität Wien
2020244471	TECHWAY INDUSTRIAL CO., LTD.	2021201790	ReveraGen BioPharma, Inc.
2020244486	Schneider Electric Industries SAS	2021201791	Fate Therapeutics, Inc.
2020244507	Van Ling, J.	2021201792	Applied Medical Resources Corporation
2020244515	Ruby Industries Pty Limited	2021201793	Panasonic Intellectual Property Management Co., Ltd.
2020244518	Schneider Electric Industries SAS	2021201795	Price Holyoake (NZ) Limited
2020244530	Plasgain Pty Ltd	2021201797	Price Holyoake (NZ) Limited
2020244535	IGT	2021201799	Honeywell International Inc.
2020294316	Mast Group Limited	2021201801	Waymo LLC
2020294338	Haleem, S.	2021201803	Allergan Industrie, SAS
2020331567	Commonwealth Scientific and Industrial Research Organisation	2021201805	Telefonaktiebolaget LM Ericsson (publ)
2020335016	Beijing SenseTime Technology Development Co., Ltd.		
2021200017	Green Products & Technologies, L.L.C.		
2021200047	Green Products & Technologies, L.L.C.		
2021200462	SAINT-GOBAIN ISOVER		
2021200618	VAKALAPUDI, S.P.		
2021201249	Xencor, Inc.		
2021201321	Allergan Pharmaceuticals International Limited		
2021201530	Baxter Corporation Englewood		
2021201563	Wattcost Pty Ltd		
2021201598	Hegel Industrial Solutions Pty Ltd		
2021201634	KIMREY Jr., H.D.		
2021201658	Digital Lumens, Incorporated		

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. (*) Title not in Roman characters

. (**) Title not given

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

.. **S. see BALAMURUGAN, N.M.**

(21) 2021100560

.B, R. see B., S.

(21) 2021100323

(71) 2|MORO GROUP PTY LTD; Holden, D.

(11) AU-A-2021100113

(21) 2021100113 (22) 08.01.2021

(54) All rights to the collection and recycling of Lithium and Lithium-ion batteries for the purposes of extraction, processing and trade/re-sale/export of the recycled batteries raw materials including, lithium and all other raw materials within the battery.

(51) Int. Cl.

H01M 10/54 (2006.01)

C22B 26/12 (2006.01)

(45) 15.04.2021

(72) Holden, Darcy

(74) Darcy Holden

(71) 4 Farmers Australia Pty Limited

(11) AU-A-2021100580

(21) 2021100580 (22) 29.01.2021

(54) METHOD AND COMPOSITION FOR CONTROL OF WEEDS

(51) Int. Cl.

A01N 33/18 (2006.01)

A01P 13/00 (2006.01)

A01N 25/04 (2006.01)

A01N 43/707 (2006.01)

A01N 43/80 (2006.01)

A01N 47/12 (2006.01)

A01N 47/30 (2006.01)

A01N 47/36 (2006.01)

(31) 2020903953 (32) 30.10.20 (33) AU

(45) 15.04.2021

(72) Mortimore, Neil; Lamond, Michael

(74) Phillips Ormonde Fitzpatrick

A, A. see Mallick, P.

(21) 2021100300

A, A. see S, K.

(21) 2021100434

A, A. see Agrawal, N.

(21) 2021100502

A, C.B. see G, S.S.K.

(21) 2021100531

A, A. see V, M.

(21) 2021100570

A. Khan, N. see Mozaffari, N.

(21) 2021100274

A.M, S. see B., S.

(21) 2021100323

(71) ACUSENSUS IP PTY LTD

(11) AU-A-2021100546

(21) 2021100546 (22) 28.01.2021

(54) INFRINGEMENT DETECTION METHOD, DEVICE AND SYSTEM

(51) Int. Cl.

G08G 1/017 (2006.01)

G06T 7/00 (2017.01)

G08G 1/054 (2006.01)

(45) 15.04.2021

(62) 2019303737

(72) JANNINK, Alexander

(74) Houlihan² Pty Ltd

Adimoolam, M. see BALAMURUGAN, N.M.

(21) 2021100560

(71) Affiliated Hospital of Youjiang Medical College for Nationalities

(11) AU-A-2020103961

(21) 2020103961 (22) 08.12.2020

(54) PORTABLE OPERATING DRUG CRUSHING DEVICE SUITABLE FOR EMERGENCY DEPARTMENT

(51) Int. Cl.

B02C 19/08 (2006.01)

A61J 3/02 (2006.01)

A61J 7/00 (2006.01)

(45) 15.04.2021

(72) Lin, Qiqing; Peng, Hao; Li, Xinzhou

(74) MOHAN MURALI KODIVEL

(71) Affiliated Hospital of Youjiang Medical College for Nationalities

(11) AU-A-2021100266

(21) 2021100266 (22) 16.01.2021

(54) ASSAY SPECIMEN TREATMENT DEVICE FOR HEPATOBILIARY SURGERY

(51) Int. Cl.

G02B 21/34 (2006.01)

G01N 35/00 (2006.01)

G01N 35/02 (2006.01)

A61B 5/00 (2006.01)

(45) 15.04.2021

(72) Pu, Jian; Wei, Huamei; Wang, Jian-Chu; Li, WenChuan; Xu, Zuoming; Wu, Xianjian; Lu, Yuan; Ma, Rihai; Zhuo, ChenYi; Long, Lizhen

(74) MOHAN MURALI KODIVEL

(71) Affiliated Hospital of YouJiang Medical University for Nationalities

(11) AU-A-2021100308

(21) 2021100308 (22) 18.01.2021

(54) A new type of sputum suction device with automatic induction

(51) Int. Cl.

A61C 17/06 (2006.01)

A61M 1/00 (2006.01)

(45) 15.04.2021

(72) Wang, Jianyuan; Huang, Cuimai; Huang, Lianxin; Luo, Jingyuan; Nong, LanLan

(74) Alder IP Pty Ltd

(71) Affiliated Hospital of YouJiang Medical University for Nationalities

(11) AU-A-2021100356

(21) 2021100356 (22) 20.01.2021

(54) The invention is described in the following statement:-A Novel wheelchair safety transfer device

(51) Int. Cl.

A61G 5/10 (2006.01)

(45) 15.04.2021

(72) Huang, Cuimai; Wang, Jianyuan; Li, Yanfei; Qin, Jinyan; Chen, Qiuru

(74) Alder IP Pty Ltd

(71) Affiliated Hospital of YouJiang Medical University for Nationalities

(11) AU-A-2021100371

(21) 2021100371 (22) 20.01.2021

(54) A new convenient type of fixing device for post-tracheostomy endotracheal tube

(51) Int. Cl.

A61M 16/04 (2006.01)

A61M 25/02 (2006.01)

(45) 15.04.2021

(72) Huang, Cuimai; Wang, Jianyuan; Huang, Lianxin; Huang, Yanqiu; Tang, Zijun

(74) Alder IP Pty Ltd

(71) Affiliated Hospital of YouJiang Medical University for Nationalities

(11) AU-A-2021100372

(21) 2021100372 (22) 20.01.2021

(54) A multifunctional joint device for post-tracheotomy oxygen uptake and moisturizing

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(51) Int. Cl.
A61M 16/08 (2006.01)
A61M 16/04 (2006.01)
(45) 15.04.2021
(72) Wang, Jianyuan; Huang, Cuimai;
Huang, Xiaozhen; Ma, Caijuan; Lu,
Lijiao
(74) Alder IP Pty Ltd

(71) Affiliated Hospital of YouJiang Medical
University for Nationalities
(11) AU-A-2021100412
(21) 2021100412 (22) 22.01.2021
(54) A Novel and Convenient Stomach Tube
Fixer
(51) Int. Cl.
A61J 15/00 (2006.01)
A61M 25/02 (2006.01)
(45) 15.04.2021
(72) Huang, Cuimai; Wang, Jianyuan; Lu,
Qixiang; Huang, Mingfeng; Li, Lidan
(74) Alder IP Pty Ltd

(71) Affiliated Hospital of YouJiang Medical
University for Nationalities
(11) AU-A-2021100415
(21) 2021100415 (22) 22.01.2021
(54) A novel multifunctional orthopedic re-
habilitation bed
(51) Int. Cl.
A61G 7/05 (2006.01)
A47C 19/02 (2006.01)
A47C 19/22 (2006.01)
A47C 21/00 (2006.01)
A61H 1/02 (2006.01)
(45) 15.04.2021
(72) Wang, Jianyuan; Huang, Cuimai; Qin,
Xingle; Yang, Li; Chen, Qiuping
(74) Alder IP Pty Ltd

Agarwal, A.K. see Trivedi, M.C.
(21) 2021100118

Agarwal, A. see Batra, S.
(21) 2021100310

(71) Agarwal, A.; Negi, R.; Jaiswal, R.
(11) AU-A-2021100479
(21) 2021100479 (22) 25.01.2021
(54) ADAPTIVE DELTA MODULATED MOD-
ULAR MULTILEVEL CONVERTER
(51) Int. Cl.
H02M 1/12 (2006.01)
H02J 3/01 (2006.01)
H02J 3/18 (2006.01)
H02M 7/483 (2007.01)
H02M 7/539 (2006.01)
H02M 1/00 (2007.01)
H02M 7/5395 (2006.01)
(45) 15.04.2021
(72) Agarwal, Anshul; Negi, Richa; Jaiswal,
Rahul
(74) Anshul Agarwal

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(21) 2021100560

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(21) 2021100342

(71) Agrawal, N.; Singh, V.K.; Bangari, N.;
Saxena, A.; Khare, B.B.; Lohia, A.; A,
A.; Bhoi, A.K.

(11) AU-A-2021100502
(21) 2021100502 (22) 27.01.2021
(54) Power Generation by drain water for
Green Buildings

(51) Int. Cl.
F03B 13/06 (2006.01)
E03B 1/04 (2006.01)
E03B 3/02 (2006.01)
E03C 1/122 (2006.01)
G01S 17/08 (2006.01)
G05B 19/042 (2006.01)
G05B 23/02 (2006.01)
G01S 17/88 (2006.01)

(45) 15.04.2021
(72) Agrawal, Nikhil; Singh, Vinod Kumar;
Bangari, Naresh; Saxena, Anurag;
Khare, Bharat Bhushan; Lohia, Akank-
sha; A., Ambikapathy; Bhoi, Akash Ku-
mar
(74) Nikhil Agrawal

Agrawal, A. see Alhakami, H.
(21) 2021100559

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ter, Ningxia Academy of Agricultural and
Forestry Sciences (Ningxia Key Labor-
atory of Agricultural Biotechnology) see
Institute of Wolfberry Science, Ningxia
Academy of Agricultural and Forestry Sci-
ences**
(21) 2021100248

(71) Agro-Environmental Protection Institute,
Ministry of Agriculture and Rural Affairs

(11) AU-A-2021100157
(21) 2021100157 (22) 12.01.2021
(54) SEPTIC TANK SYSTEM AND SEPTIC
TANK MONITORING AND WARNING
METHOD

(51) Int. Cl.
C02F 3/30 (2006.01)
C02F 3/28 (2006.01)
G01F 23/30 (2006.01)
G08B 21/18 (2006.01)
H02S 10/00 (2014.01)
H02S 20/23 (2014.01)

(31) 202010482966.9 (32) 01.06.20 (33) CN

(45) 15.04.2021
(72) ZHANG, Chunxue; ZHENG, Xiangqun;
WEI, Xiaocheng; YANG, Bo; CHENG,
Weimin; XU, Yan; CHEN, Peizhen;
WANG, Qiang
(74) Davies Collision Cave Pty Ltd

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(21) 2021100554

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(21) 2021100274

Ahmed, M.I. see Arya, S.
(21) 2021100346

Ahuja, R. see M, R.
(21) 2021100358

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(21) 2021100629

(71) Ajay -; Jangir, A.; Satti, T.; Kumar, B.;
Varma, R.; Shrivastava, V.K.; Sub-
ramanian, T.S.S.; Sayiram, G.; Sarita -;
Parveen -

(11) AU-A-2021100325
(21) 2021100325 (22) 19.01.2021
(54) IN-BED EXERCISING AND MONITOR-
ING DEVICE

(51) Int. Cl.
A63B 21/16 (2006.01)
A61B 5/021 (2006.01)
A61B 5/024 (2006.01)
A61B 5/1455 (2006.01)
A61G 7/005 (2006.01)
A61G 7/015 (2006.01)
A61G 7/018 (2006.01)
A61G 7/05 (2006.01)
A63B 23/00 (2006.01)

(45) 15.04.2021
(72) Ajay; Jangir, Amit; Satti, Tanuj; Kumar,
Brijesh; Varma, Ranjit; Shrivastava,
Virendra Kumar; Subramanian, T. Sen-
thil Siva; Sayiram, G.; Sarita; Parveen
(74) Michael Buck IP

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(21) 2021100484

(71) Alhakami, H.; Baz, A.; Al-Sharef, M.;
Kumar, R.; Ahmad Khan, R.

(11) AU-A-2021100554
(21) 2021100554 (22) 28.01.2021
(54) BIGDATA ANALYSIS FOR SMART
HOSPITAL MANAGEMENT SYSTEM
USING BLOCKCHAIN

(51) Int. Cl.
G16Y 10/60 (2020.01)
G16H 10/60 (2018.01)
H04L 9/32 (2006.01)
G16Y 20/20 (2020.01)
G16Y 20/40 (2020.01)

(45) 15.04.2021
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G06F 3/01 (2006.01)
G06F 40/20 (2020.01)
G06K 9/00 (2006.01)
A61B 5/021 (2006.01)
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G06Q 50/02 (2012.01)
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H04W 84/18 (2009.01)
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F24S 80/65 (2018.01)
C09K 5/06 (2006.01)
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 (21) 2020104195

(71) Center of Civil Engineering Testing , Huazhong University of Science and Technology; Wuhan Univ,Zhongnan Hosp of Wuhan University; Huazhong

University of science and technology; Nanyang Technological University, Singapore; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Municipal Engineering Quality Supervision Station; Wuhan Hanyang Municipal Construction Group CO.LTD; China Construction Ready Mixed Concrete Co.Ltd.; Wuhan Institute of landscape Architectural Design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.

(11) AU-A-2021100448
 (21) 2021100448 (22) 24.01.2021
 (54) Fuzzy Bayesian Network-based Method for Dynamic Evaluation and Control of Concrete Durability
 (51) Int. Cl.
 G01N 33/38 (2006.01)
 G05B 23/02 (2006.01)
 G06N 7/02 (2006.01)
 G05B 13/04 (2006.01)
 G06N 3/04 (2006.01)

(45) 15.04.2021
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 (74) Alder IP Pty Ltd

Chae, G.S. see Mallick, P.
 (21) 2021100049

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 (21) 2021100300

Chae, G.S. see Priyadarshi, N.
 (21) 2021100437

Chaitanya Kishor, G. see Ishwar Devidas, P.
 (21) 2021100240

Chakrabarti, P. see Chakrabarti, T.
 (21) 2021100265

(71) Chakrabarti, T.; Chakrabarti, P.
 (11) AU-A-2021100265
 (21) 2021100265 (22) 16.01.2021
 (54) PHENYL ETHANOID GLYCOSIDE FROM THE BARK OF OROXYLUM INDICUM VENT: A POTENTIAL INHIBITOR OF DNA TOPOISOMERASE IB OF LEISHMANIA DONOVANI

(51) Int. Cl.
 C07H 15/18 (2006.01)
 A01N 43/16 (2006.01)
 A01N 65/00 (2009.01)
 A01P 1/00 (2006.01)
 C07D 311/30 (2006.01)
 C12Q 1/533 (2006.01)
 A01N 65/22 (2009.01)

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 (72) Chakrabarti, Tulika; Chakrabarti, Prasun
 (74) Blessen Skariah Thomas

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 (21) 2021100301

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 (21) 2021100301

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 (21) 2021100302

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 (21) 2021100302

Chakraborty, S. see Jangra, S.
 (21) 2021100309

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 (21) 2021100629

Chandra Pal, V. see Sonar, S.
 (21) 2021100313

Chattopadhyay, A. see Anitha, A.
 (21) 2021100440

(71) Chavc (HongKong) Health Products Co., Limited; Foshan Aierbao E-Commerce Co., Ltd
 (11) AU-A-2021100330
 (21) 2021100330 (22) 19.01.2021
 (54) A Kind Of Gamma-Aminobutyric Acid Composition Rich In Botanical Herbs And Its Preparation Method
 (51) Int. Cl.
A61K 31/197 (2006.01)
A61K 9/20 (2006.01)
A61K 31/198 (2006.01)
A61K 36/185 (2006.01)
A61K 36/53 (2006.01)
A61K 36/84 (2006.01)
A61P 25/20 (2006.01)
 (45) 15.04.2021
 (72) KINGTUNG, Leung
 (74) WRAYS PTY LTD

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 (21) 2021100301

(71) Chen, M.
 (11) AU-A-2021100267
 (21) 2021100267 (22) 16.01.2021
 (54) ENERGY-SAVING VIDEO TRANSMISSION SYSTEM BASED ON DISTRIBUTED SOURCE CODES
 (51) Int. Cl.
H04L 29/06 (2006.01)

G06F 1/32 (2019.01)
H04N 19/00 (2014.01)
H04W 72/12 (2009.01)
 (31) 202011018825.8 (32) 24.09.20 (33) CN
 (45) 15.04.2021
 (72) Chen, Min; Yang, LiJun; Yin, QiXin
 (74) MOHAN MURALI KODIVEL

(71) Chengdu University of Information Technology; National Meteorological Center; Chengdu Yiyun Technology Co., Ltd.
 (11) AU-A-2021100608
 (21) 2021100608 (22) 01.02.2021
 (54) PRECIPITATION EXTENSION FORECAST METHOD IN SOUTHWEST REGION BASED ON LOW-FREQUENCY OSCILLATION
 (51) Int. Cl.
G01W 1/00 (2006.01)
G06Q 10/04 (2012.01)

(45) 15.04.2021
 (72) Xiao, Tianguai; Li, Yong; Yang, Mingxin; Jin, Ronghua
 (74) Remarkable IP

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 (21) 2021100608

Chimankar, O.P. see Bansod, A.R.
 (21) 2021100121

China Construction First Group Corporation Limited see China Construction Municipal Engineering Corporation Limited
 (21) 2021100657

(71) China Construction Municipal Engineering Corporation Limited; China Construction First Group Corporation Limited
 (11) AU-A-2021100657
 (21) 2021100657 (22) 02.02.2021
 (54) CONNECTION MEMBER OF SURROUNDING PURLIN AND STEEL SHEET PILES, CONNECTION STRUCTURE THEREOF, AND TRENCH SUPPORT METHOD
 (51) Int. Cl.
E02D 17/04 (2006.01)
E02D 5/04 (2006.01)
 (31) 2020116118935 (32) 30.12.20 (33) CN
 (45) 15.04.2021
 (72) Yuan, Ligang; Zhao, Shengwu; Li, Xiaoli; Li, Xin; Yu, Yilin; Xu, Xianpan; Zhong, Jizong; Chen, Feng; Hong, Tao; Lan, He; Li, Tong; Chen, Liguang; He, Wenhui; Zhang, Yuan; Yin, Jinyu
 (74) Madderns Pty Ltd

China Construction Ready Mixed Concrete Co.Ltd. see Center of Civil Engineering

Testing , Huazhong University of Science and Technology
 (21) 2021100448

China Construction Third Engineering Bureau Co.,Ltd see Center of Civil Engineering Testing , Huazhong University of Science and Technology
 (21) 2021100448

China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd. see Chongqing Jiaotong University
 (21) 2021100316

China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd. see Chongqing Jiaotong University
 (21) 2021100317

China University of Mining & Technology,Beijing see North China Institute of Science and Technology
 (21) 2021100551

(71) Chongqing Academy of Chinese Materia Medica
 (11) AU-A-2021100340
 (21) 2021100340 (22) 19.01.2021
 (54) HIRUDIN-ENCODING GENE AND HOST SYSTEM CONTAINING SAME
 (51) Int. Cl.
C07K 14/815 (2006.01)
C12N 9/99 (2006.01)
C12N 15/81 (2006.01)
C12N 1/16 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/56 (2006.01)
 (45) 15.04.2021
 (72) Shi, Ping; Lu, Zenghui; You, Huajian; Chen, Shijiang
 (74) James & Wells Intellectual Property

(71) Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.
 (11) AU-A-2021100316
 (21) 2021100316 (22) 19.01.2021
 (54) Equivalent Lighting Based Highway Tunnel Portal Dimming System
 (51) Int. Cl.
F21S 8/04 (2006.01)
E21D 9/14 (2006.01)
F21V 9/45 (2018.01)
F21V 14/02 (2006.01)
G02F 1/13 (2006.01)
H05B 47/105 (2020.01)
 (45) 15.04.2021
 (72) Liang, Bo; Pu, Junyong; Liang, Sinong; Yan, Zihai; Luo, Hong; Zheng, Shunhang; Liang, Jialin
 (74) Alder IP Pty Ltd

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(71) Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.

(11) AU-A-2021100317

(21) 2021100317 **(22)** 19.01.2021

(54) Energy-saving Type Equivalent Lighting Control System For Highway Tunnel

(51) Int. Cl.

H05B 47/175 (2020.01)

F21S 8/04 (2006.01)

H05B 47/10 (2020.01)

H05B 47/11 (2020.01)

H05B 47/155 (2020.01)

H05B 47/21 (2020.01)

F21W 131/101 (2006.01)

(45) 15.04.2021

(72) Liang, Bo; Chen, Kai; He, Shiyong; Luo, Hong; Xiao, Jinghang; Huang, Youlin; Liang, Sinong; He, Wei

(74) Alder IP Pty Ltd

(71) Chongqing Technology And Business University

(11) AU-A-2021100334

(21) 2021100334 **(22)** 19.01.2021

(54) A Method For Accelerating The Coalescence Of Droplets Of Emulsified Oil Based On Changing The Relative Dielectric Constant Of Oil

(51) Int. Cl.

B01D 17/06 (2006.01)

C10G 33/02 (2006.01)

(45) 15.04.2021

(72) ZHANG, Xianming; GONG, Haifeng; LI, Wenlong

(74) WRAYS PTY LTD

Chongqing Three Gorges University see Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences

(21) 2021100239

Chopra, S. see Wanjari, A.K.

(21) 2021100302

Chordiya, S.B. see Chunilal More, K.

(21) 2021100090

Chordiya, S.B. see M, R.

(21) 2021100358

Choudhary, S.D. see BALAMURUGAN, N.M.

(21) 2021100560

Choudhary, P. see Sharma, A.K.

(21) 2021100596

(71) Chu, L.; Young, L.

(11) AU-A-2021100514

(21) 2021100514 **(22)** 27.01.2021

(54) System for Continuously Detecting Temperature and Composition of Molten Steel During Converter Steelmaking

(51) Int. Cl.

C21C 5/46 (2006.01)

G01K 1/12 (2006.01)

G01N 33/205 (2019.01)

(45) 15.04.2021

(72) Chu, Lien; Young, Lian

(74) Clark Intellectual Property Pty Ltd

(71) Chunilal More, K.; Saravanan, S.; Venkatesh, B.; Ashok Kumar, M.; Rao Bayarapu, P.; Chordiya, S.B.; Purushottam Pawar, ..V.; Raj, B.; Kumar Singh, P.; Nidhi Singh, P.

(11) AU-A-2021100090

(21) 2021100090 **(22)** 07.01.2021

(54) ICS- Counter Gravity Casting: Intelligent Centrifugal Counter Gravity Low-cost Casting System

(51) Int. Cl.

B22D 18/06 (2006.01)

B22D 13/02 (2006.01)

B22D 13/10 (2006.01)

B22D 13/12 (2006.01)

B22D 18/08 (2006.01)

(45) 15.04.2021

(72) Chunilal More, Kiran; Saravanan, S.; Venkatesh, B.; Ashok Kumar, M.; Rao Bayarapu, Prasada; Chordiya, S. B.; Purushottam Pawar, Vrushsen; Raj, Beg; Kumar Singh, Pawan; Nidhi Singh, Pari

(74) Kiran Chunilal More

(71) Collar & Ruff

(11) AU-A-2021100335

(21) 2021100335 **(22)** 19.01.2021

(54) Reversible Dog Collar Sets comprising of a removable buckle section and a collar length section to allow either side to be displayed.

(51) Int. Cl.

A01K 27/00 (2006.01)

A44B 11/22 (2006.01)

(45) 15.04.2021

(72) Heerey, Lauren

(74) Collar & Ruff

(71) Commercialisation Express Pty Ltd

(11) AU-A-2020104419

(21) 2020104419 **(22)** 13.07.2020

(54) Concealed Insect Screen for a Hinged Window

(51) Int. Cl.

E06B 9/52 (2006.01)

(31) 2019904569 **(32)** 03.12.19 **(33)** AU

(45) 15.04.2021

(72) RIEMELMOSER, John

(74) Arceo IP

(71) Conway, R.

(11) AU-A-2021100585

(21) 2021100585 **(22)** 29.01.2021

(54) easytrain unit automatically positions a ball after being struck

(51) Int. Cl.

A63D 15/00 (2006.01)

(45) 15.04.2021

(72) Conway, Robert David

(74) Robert David Conway

(71) Crossfire Australia Pty Ltd

(11) AU-A-2017101900

(21) 2017101900 **(22)** 10.04.2017

(54) Frame for a backpack

(51) Int. Cl.

A45F 3/06 (2006.01)

A45F 3/08 (2006.01)

A45F 3/10 (2006.01)

F41H 1/02 (2006.01)

F41H 5/013 (2006.01)

(31) 2016901348 **(32)** 11.04.16 **(33)** AU

(45) 15.04.2021

(72) Maley, Ian

(74) Elliptic Legal & Patent Services

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(21) 2020104159

Dadheech, P. see Devaneyan, S.

(21) 2021100287

Dahiya, A. see Panigrahy, A.

(21) 2020104159

(71) Dalian Jiaotong University

(11) AU-A-2021100292

(21) 2021100292 **(22)** 18.01.2021

(54) Method and System for Simulating Weld Grain Nucleation and growth

(51) Int. Cl.

G06T 15/00 (2011.01)

B23K 31/12 (2006.01)

G06F 17/10 (2006.01)

G06T 17/00 (2006.01)

G06F 30/17 (2020.01)

(45) 15.04.2021

(72) Jin, Cheng

(74) Alder IP Pty Ltd

DASARI, V. see RAJU BENDI, R.

(21) 2021100215

(71) Dayalbagh Educational Institute

(11) AU-A-2021100592

(21) 2021100592 **(22)** 29.01.2021

(54) QUANTUM SEEDED HYBRID EVOLUTIONARY COMPUTATIONAL PROCESS FOR CONSTRAINED OPTIMIZATION

(51) Int. Cl.

G06F 30/23 (2020.01)

G05B 13/02 (2006.01)

G05B 13/04 (2006.01)

B21C 23/00 (2006.01)

G06F 111/04 (2020.01)

G06F 111/06 (2020.01)

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(74) K. Hans Raj

(71) Deep Mining Laboratory Branch of Shandong Gold Mining Technology Co., Ltd.; ZHANG, X.
(11) AU-A-2020104422
(21) 2020104422 (22) 31.12.2020
(54) Rock true triaxial dynamic compression-shear test equipment and method under deep complex structure conditions
(51) Int. Cl.
G01N 3/10 (2006.01)
G01N 3/12 (2006.01)
(31) 202011538588.8 (32) 23.12.20 (33) CN
(45) 15.04.2021
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(74) Shelston IP Pty Ltd.

Delampady, S. see K A, S.
(21) 2021100064

(71) Delaney, A.
(11) AU-A-2021100298
(21) 2021100298 (22) 18.01.2021
(54) Emergency Services and Response Transmitter (ESRT).
(51) Int. Cl.
G08G 1/09 (2006.01)
G08B 27/00 (2006.01)
G08G 1/0965 (2006.01)
H04H 20/57 (2008.01)
H04H 20/59 (2008.01)
H04W 4/46 (2018.01)
(45) 15.04.2021
(72) Delaney, Alex
(74) Alex Delaney

(71) Devaneyan, S.; Sahoo, S.K.; Dadheech, P.; Vijayalakshmi, A.; B, E.A.; M, L.; V, N.M.; M, P.; W, R.S.; kumar, C.L.; Pravallika, S.; Sasikala, K.; Sekar, V.; Monisha, M.; P, V.; Joshi, H.; Manoharan, H.; Kshirsagar, P.R.; Peroumal, V.
(11) AU-A-2021100287
(21) 2021100287 (22) 17.01.2021
(54) AN IOT BASED TYRE PRESSURE AND TEMPERATURE MONITORING SYSTEM
(51) Int. Cl.
B60C 23/04 (2006.01)
B60C 23/20 (2006.01)
(45) 15.04.2021
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Pravallika, Sirigireddy; Sasikala, K.; Sekar, V.; Monisha, M.; P., Vijayalakshmi.; Joshi, Hitesh; Manoharan, Hari-prasath; Kshirsagar, Pravin R.; Peroumal, Vijayakumar
(74) Pravin R. Kshirsagar

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(21) 2021100346

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(21) 2021100440

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(21) 2021100143

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(21) 2021100300

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(21) 2021100648

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(21) 2020104195

(71) Dhiman, G.; Vimal, S.; Vijayalakshmi, K.; Joon, R.K.; Bhatia, R.; Kumar, V.; Arora, V.; Soni, M.; Kaur, A.; Barak, D.D.
(11) AU-A-2020104348
(21) 2020104348 (22) 26.12.2020
(54) ENERGY-EFFECTIVE AND SECURE WIRELESS DATA TRANSFER SCHEME FOR MOBILE NODES IN SMART CITY APPLICATIONS
(51) Int. Cl.
H04L 9/00 (2006.01)
H04L 9/32 (2006.01)
H04L 29/06 (2006.01)
H04W 12/06 (2021.01)
H04W 12/61 (2021.01)
H04W 12/69 (2021.01)
(45) 15.04.2021
(72) Dhiman, Gaurav; Vimal, S.; Vijayalakshmi, K.; Joon, Rakesh Kumar; Bhatia, Rishu; Kumar, Vivek; Arora, Vinay; Soni, Mukesh; Kaur, Amandeep; Barak, Dheer Dhvaj
(74) Gaurav Dhiman

(71) Dhiman, G.; Vimal, S.; Vijayalakshmi, K.; Joon, R.K.; Bhatia, R.; Kumar, V.; Arora, V.; Soni, M.; Kaur, A.; Barak, D.D.
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(21) 2020104348 (22) 26.12.2020
(54) ENERGY-EFFECTIVE AND SECURE WIRELESS DATA TRANSFER SCHEME FOR MOBILE NODES IN SMART CITY APPLICATIONS
(51) Int. Cl.
H04L 9/00 (2006.01)
H04L 9/32 (2006.01)
H04L 29/06 (2006.01)
H04W 12/06 (2021.01)
H04W 12/61 (2021.01)
H04W 12/69 (2021.01)
(45) 15.04.2021
(72) Dhiman, Gaurav; Vimal, S.; Vijayalakshmi, K.; Joon, Rakesh Kumar; Bhatia, Rishu; Kumar, Vivek; Arora, Vinay; Soni, Mukesh; Kaur, Amandeep; Barak, Dheer Dhvaj
(74) Gaurav Dhiman

Dhindsa, K.S. see Shakkeera, L.
(21) 2021100235

Dhingra, A. see Nijhawan, P.
(21) 2021100427

Dhoble, S.J. see Bansod, A.R.
(21) 2021100121

Dinegde, G.D. see Atyam, N.R.

(21) 2021100538

Divahar, R. see Vijayan, D.
(21) 2020104412

Dixit, S. see PAREEK, P.K.
(21) 2021100154

(71) DSM IP Assets B.V.
(11) AU-A-2021100513
(21) 2021100513 (22) 27.01.2021
(54) TABLET CONTAINING 25-OH VITAMIN D3
(51) Int. Cl.
A61K 31/593 (2006.01)
A61J 3/10 (2006.01)
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
(45) 15.04.2021
(72) Lorteije, Annemieke; Mistic, Zdravka; O-Malley, Conon; Scherzer, Jutta; Schneiter, Ralph; Van Nieuwland, Mark Jan Cornelis
(74) Phillips Ormonde Fitzpatrick

Dutton-Smith, G. see Phin, C.
(21) 2021100299

DUVVURI, S. see RAJU BENDI, R.
(21) 2021100215

E, R. see Arya, S.
(21) 2021100346

E, R.K. see Priyadarshi, N.
(21) 2021100437

(71) East China Jiaotong University
(11) AU-A-2021100338
(21) 2021100338 (22) 19.01.2021
(54) SPEED TRACKING CONTROL METHOD AND SYSTEM FOR HEAVY-HAUL TRAIN
(51) Int. Cl.
G01D 5/12 (2006.01)
B61L 1/00 (2006.01)
G01P 1/00 (2006.01)
(31) 202011398310.5 (32) 04.12.20 (33) CN
(45) 15.04.2021
(72) Yang, Hui; Jin, Aili; Fu, Yating; Li, Zhongqi; Tan, Chang
(74) Stellar Law Pty Ltd

(71) East China Jiaotong University
(11) AU-A-2021100503
(21) 2021100503 (22) 27.01.2021
(54) METHOD AND SYSTEM FOR CONTROLLING HEAVY-HAUL TRAIN BASED ON REINFORCEMENT LEARNING
(51) Int. Cl.
G05B 13/04 (2006.01)

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(45) 15.04.2021
(72) Yang, Hui; Wang, Yu; Li, Zhongqi; Fu, Yating; Tan, Chang
(74) In-Legal Limited

(71) Ecocool Pty Ltd
(11) AU-A-2021100233
(21) 2021100233 **(22)** 14.01.2021
(54) Renewable air-conditioning controller with interactive visual display of energy flows
(51) Int. Cl.
H02J 13/00 (2006.01)
G05B 13/02 (2006.01)
G06Q 10/06 (2012.01)
G06Q 50/06 (2012.01)
H02J 3/14 (2006.01)
(31) 2020900099 **(32)** 14.01.20 **(33)** AU
(45) 15.04.2021
(72) Myatt, Craig
(74) Ecocool Pty Ltd

(71) Ecolab USA Inc.
(11) AU-A-2021100394
(21) 2021100394 **(22)** 22.01.2021
(54) Device and method for attracting and trapping flying insects
(51) Int. Cl.
A01M 1/04 (2006.01)
A01M 1/14 (2006.01)
A01M 1/20 (2006.01)
(45) 15.04.2021
(62) 2020256463
(72) Freudenberg, Jared; Matts, Emory H.; Jungmann, Ronald D.; Johnston, Staci; Rhodes, Matthew
(74) Shelston IP Pty Ltd.

(71) Ecolab USA Inc.
(11) AU-A-2021100395
(21) 2021100395 **(22)** 22.01.2021
(54) Device and method for attracting and trapping flying insects
(51) Int. Cl.
A01M 1/04 (2006.01)
A01M 1/14 (2006.01)
A01M 1/20 (2006.01)
(45) 15.04.2021
(62) 2020256463
(72) Freudenberg, Jared; Matts, Emory H.; Jungmann, Ronald D.; Johnston, Staci; Rhodes, Matthew
(74) Shelston IP Pty Ltd.

(71) Ecolab USA Inc.
(11) AU-A-2021100398
(21) 2021100398 **(22)** 22.01.2021
(54) Device and method for attracting and trapping flying insects
(51) Int. Cl.
A01M 1/04 (2006.01)
A01M 1/14 (2006.01)
A01M 1/20 (2006.01)

(45) 15.04.2021
(62) 2020256463
(72) Freudenberg, Jared; Matts, Emory H.; Jungmann, Ronald D.; Johnston, Staci; Rhodes, Matthew
(74) Shelston IP Pty Ltd.

(71) Ecowall Cladding
(11) AU-A-2021100288
(21) 2021100288 **(22)** 17.01.2021
(54) Prefabricated Hempcrete Lightweight Building Panels in 1200 mm x 900mm size in various thicknesses (75mm, 100mm and 150mm thickness) using a formwork mould and specialised panel press machine
(51) Int. Cl.
E04C 2/16 (2006.01)
(45) 15.04.2021
(72) Little, Andrew
(74) Ecowall Cladding

(71) EDC Imports
(11) AU-A-2021100613
(21) 2021100613 **(22)** 01.02.2021
(54) A folding step stool
(51) Int. Cl.
A47C 12/00 (2006.01)
A47C 4/14 (2006.01)
A47C 9/10 (2006.01)
(45) 15.04.2021
(72) Hooper, Andrea
(74) Michael Buck IP

(71) Edge Electrons Limited
(11) AU-A-2019101788
(21) 2019101788 **(22)** 08.04.2019
(54) Electrical Power Distribution System for Enabling Distributed Energy Generation
(51) Int. Cl.
H02J 3/00 (2006.01)
(45) 15.04.2021
(62) 2014334308
(72) Stewart, Neal George
(74) CreatelIP

(71) Elayaperumal, M.; Satpathy, G.; Gnana-sekaran, K.
(11) AU-A-2021100312
(21) 2021100312 **(22)** 19.01.2021
(54) A METHOD FOR PATHOGENIC ES-CHERICHIA COLI (E.COLI) BACTERIA DETECTION THROUGH TUNED NANOPARTICLE ENHANCEMENT
(51) Int. Cl.
C12Q 1/10 (2006.01)
B82Y 15/00 (2011.01)
B82Y 40/00 (2011.01)
G01N 21/64 (2006.01)
G01N 21/65 (2006.01)
(45) 15.04.2021
(72) Elayaperumal, Manikandan; Satpathy, Gargibala; Gnanasekaran, Kavitha
(74) Manikandan Elayaperumal

EXPERIMENTAL JUNIOR MIDDLE SCHOOL OF SUZHOU HI-TECH&NEW DISTRICT see Suzhou Polytechnic Institute Of Agriculture
(21) 2020104078

Fathimareddy, F.D.T. see Pittala, S.K.
(21) 2021100301

Feros, C. see Sutherland, P.
(21) 2021100054

(71) First Hospital of Shanxi Medical University
(11) AU-A-2021100282
(21) 2021100282 **(22)** 17.01.2021
(54) A Disposable Foldable Elbow Joint Fixing Device after Brachial Artery Puncture Surgery
(51) Int. Cl.
A61F 5/058 (2006.01)
A61F 5/01 (2006.01)
(45) 15.04.2021
(72) Qin, Gang; Liu, Lijuan
(74) Alder IP Pty Ltd

(71) FLEXI CASH AS
(11) AU-A-2021100297
(21) 2021100297 **(22)** 18.01.2021
(54) A commodity trade value transaction system, and a commodity trade value transaction method
(51) Int. Cl.
G06Q 20/20 (2012.01)
G06Q 20/36 (2012.01)
(45) 15.04.2021
(62) PCT/NO2019/050153
(72) SELJESETH, Kay
(74) Franke Hyland Pty Ltd

Foshan Aierbao E-Commerce Co., Ltd see Chavc (HongKong) Health Products Co., Limited
(21) 2021100330

G, S.J. see P, P.
(21) 2021100169

G, B. see Mallick, P.
(21) 2021100300

G, B. see Priyadarshi, N.
(21) 2021100437

G, M. see Anitha, A.
(21) 2021100440

(71) G, S.S.K.; P, J.; VUDAYAGIRI, M.; PALEMPATI, D.P.; MADDERLA, S.; A, C.B.; KAMIREDDY, S.R.
(11) AU-A-2021100531

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(21) 2021100531 (22) 28.01.2021
(54) FARMER FRIENDLY ROBOTIC SPRAYER

(51) Int. Cl.
A01C 23/04 (2006.01)
A01C 23/00 (2006.01)

(45) 15.04.2021
(72) G., SAI SREERAMA KRISHNA; P., JAHNAVI; VUDAYAGIRI, MASTAN; PALEMPATI, DURGA PRASAD; MADDERLA, SANDHYA; A., CHINNAMA-HAMMAD BHASHA; KAMIREDDY, SRIRAMI REDDY

(74) Patentable

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(21) 2021100570

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(21) 2021100346

G.RENUKA DEVI see HUMCEN CO
(21) 2021100210

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(21) 2021100342

Ganesh, E.N. see Arya, S.
(21) 2021100346

Ganguli, S. see Sonar, S.
(21) 2021100313

(71) Gansu Zhongke Kaiyue Silicon Material Technology Co. LTD; Northwest Normal University; Baiyin Shike Chuangxin Research Institute NWNNU

(11) AU-A-2021100184
(21) 2021100184 (22) 13.01.2021

(54) Preparation of modified silicon powder and its application in polymer composite materials

(51) Int. Cl.
C09C 1/30 (2006.01)
C08K 9/06 (2006.01)
C08K 3/36 (2006.01)

(45) 15.04.2021
(72) Zhang, Zhe; Feng, Peng; Wang, Pengfei; Du, Yufeng; Pan, Hao; Shi, Enhuai
(74) Alder IP Pty Ltd

Gaurav Ramesh, V. see Ishwar Devidas, P.
(21) 2021100240

Gautam, A. see Marriwala, N.
(21) 2021100311

Geetha, S. see Roseline, S.A.
(21) 2021100392

GEO, V.B. see PRAKASH, V.R.
(21) 2021100597

GHAFFAR, A. see MAHESHWARY, P.B.
(21) 2021100524

GHOSH, S.S. see MAHESHWARY, P.B.
(21) 2021100524

GIRI, S.K. see Panda, S.
(21) 2021100341

Girish Rajendra, D. see Ishwar Devidas, P.
(21) 2021100240

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(21) 2021100312

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(21) 2021100310

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(21) 2020104195

(71) Gomez Gane, D.
(11) AU-A-2021100547
(21) 2021100547 (22) 28.01.2021
(54) Braille sign languages reader for SUSAN

(51) Int. Cl.
G09B 21/00 (2006.01)
G06F 3/01 (2006.01)

(45) 15.04.2021
(72) Gomez Gane, Daria Sancjha Anna
(74) Daria Sancha Anna Gomez Gane

GOUTHAMSRI, S. see RAJU BENDI, R.
(21) 2021100215

Govindharaj, A. see Mallick, P.
(21) 2021100300

Gowri, P.N. see Arya, S.
(21) 2021100346

Gowthami, V. see Sunar Mahammad, F.
(21) 2021100433

Goyal, L.M. see Jangra, S.

(21) 2021100309

(71) GREENTECH INTERNATIONAL PTY LTD

(11) AU-A-2021100652

(21) 2021100652 (22) 02.02.2021

(54) BOOM ARM SYSTEM FOR SPRAYING CHEMICALS ON AGRICULTURAL ROW CROPS

(51) Int. Cl.
A01C 23/04 (2006.01)
A01B 73/06 (2006.01)
A01M 7/00 (2006.01)
B05B 1/20 (2006.01)

(45) 15.04.2021
(62) 2016204514

(72) Baek, Bent

(74) GREENTECH INTERNATIONAL PTY LTD

GRG Banking Equipment Co.,Ltd see South China University of Technology
(21) 2021100391

(71) Guangdong Provincial People's Hospital

(11) AU-A-2021100492

(21) 2021100492 (22) 26.01.2021

(54) DME Prognostic Information Prediction System Based on Integrated Machine Learning and Application Method Thereof

(51) Int. Cl.
G16H 50/70 (2018.01)
A61B 3/00 (2006.01)
A61B 3/10 (2006.01)
G06N 20/00 (2019.01)
G16B 40/00 (2019.01)
G16H 30/00 (2018.01)
A61B 5/00 (2006.01)

(45) 15.04.2021

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(74) Alder IP Pty Ltd

Guangxi University see Beibu Gulf University
(21) 2021100025

(71) Guangyuan Company Of Sichuan Tobacco Company; Henan University Of Science And Technology

(11) AU-A-2021100231

(21) 2021100231 (22) 14.01.2021

(54) Device For Transplanting Tobacco Seedling

(51) Int. Cl.
A01C 11/02 (2006.01)
A01G 22/45 (2018.01)

(45) 15.04.2021

(72) HE, Jixian; MU, Mingxin; CHEN, Liping; GU, Huizhan; ZHANG, Qili;

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(74) WRAYS PTY LTD

(71) Guizhou Normal University
(11) AU-A-2021100250
(21) 2021100250 (22) 15.01.2021
(54) Culture medium set for tissue culture of dendrobium officinale
(51) Int. Cl.
C12N 5/04 (2006.01)
A01H 4/00 (2006.01)
A01H 6/62 (2018.01)
C12M 1/00 (2006.01)
C12M 3/00 (2006.01)
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(45) 15.04.2021
(72) Liu, Jie; Long, Yuting; Tang, Ming; Meng, Yang; Chen, Ting; Zhao, Tingting; He, Liu
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Guo, P.
(11) AU-A-2021100326
(21) 2021100326 (22) 19.01.2021
(54) Outlier detection method based on spectral clustering under non-independent and identical distribution
(51) Int. Cl.
G06K 9/62 (2006.01)
(31) 202010469091.9 (32) 28.05.20 (33) CN
(45) 15.04.2021
(72) Guo, Pengfei; Wang, Yao; Li, Qian
(74) Shelston IP Pty Ltd.

Gupta, B. see Verma, A.R.
(21) 2021100279

Gupta, P. see Wanjari, A.K.
(21) 2021100302

Gupta, J. see Nijhawan, P.
(21) 2021100419

H, A.P. see PAREEK, P.K.
(21) 2021100154

H. A., D. see PAREEK, P.K.
(21) 2021100154

(71) Han, Y.
(11) AU-A-2021100447
(21) 2021100447 (22) 24.01.2021
(54) The innovative transmission device relates to a coaxial transmission in which an input shaft and an output shaft are coaxial. The aim of the invention is to provide a coaxial transmission which is simple in structure, small in size, low in cost and will have a long operational life without damage.
(51) Int. Cl.
F16H 25/06 (2006.01)

(45) 15.04.2021
(72) Han, Yong
(74) Yong Han

(71) Hangzhou Fudemini Biotechnology Co., Ltd
(11) AU-A-2021100135
(21) 2021100135 (22) 11.01.2021
(54) Test Strip for Peanut Immunofluorescence Assay (IFA), Use Thereof and Detection Method
(51) Int. Cl.
C07K 16/16 (2006.01)
G01N 33/68 (2006.01)
(31) 202011336762.0 (32) 25.11.20 (33) CN
(45) 15.04.2021
(72) Wu, Yong; Li, Xin; Meng, Xuanyi; Tong, Ping; Yuan, Juanli; Feng, Ying
(74) Chrysiliou IP

(71) Hangzhou Yidian Information Technology Co., Ltd.
(11) AU-A-2021100351
(21) 2021100351 (22) 20.01.2021
(54) A method for inputting medical record information of tumor patient
(51) Int. Cl.
G16H 10/60 (2018.01)
G16H 80/00 (2018.01)
G16H 10/20 (2018.01)
H04L 9/32 (2006.01)
(45) 15.04.2021
(72) Xu, Yi
(74) Alder IP Pty Ltd

Harbin Engineering University see Weihai Ocean Vocational College
(21) 2021100354

Harbin Engineering University see Weihai Ocean Vocational College
(21) 2021100355

(71) Harbin Weixing Power Source Technology Development Co., LTD
(11) AU-A-2021100337
(21) 2021100337 (22) 19.01.2021
(54) An Equalizing Charging System For Power Battery Packs And Its Method
(51) Int. Cl.
H02J 7/00 (2006.01)
(45) 15.04.2021
(72) FANG, Yingmin; LIU, Wanlong; LI, Pu; HU, Diangang
(74) WRAYS PTY LTD

(71) Hartwig, J.
(11) AU-A-2021100246
(21) 2021100246 (22) 15.01.2021
(54) An Underground Mine Safety Arrangement For Monitoring Ground Support at an Unloading Location For a Vehicle at an Edge Of a Vertical Void.
(51) Int. Cl.
G01V 8/00 (2006.01)

E21F 17/18 (2006.01)
G01S 5/02 (2010.01)
G01S 17/08 (2006.01)
G01S 17/46 (2006.01)
G01S 17/86 (2020.01)
G01S 17/89 (2020.01)
G01S 17/894 (2020.01)
E21F 13/04 (2006.01)
(45) 15.04.2021
(72) Hartwig, Jake
(74) Collison & Co

(71) Harvok Pty Ltd
(11) AU-A-2021100401
(21) 2021100401 (22) 22.01.2021
(54) Power System for a Vehicle
(51) Int. Cl.
H02J 1/00 (2006.01)
B60R 16/033 (2006.01)
H02J 1/08 (2006.01)
H02J 7/00 (2006.01)
B60R 16/04 (2006.01)
H02J 9/04 (2006.01)
(45) 15.04.2021
(72) Liu, Ben
(74) Armour IP Pty Ltd

Hati, A.S. see Pittala, S.K.
(21) 2021100301

Hati, A.S. see Wanjari, A.K.
(21) 2021100302

He, H. see Yu, J.
(21) 2021100536

Hebei Medical University see The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital)
(21) 2021100510

Hebei Medical University see The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital)
(21) 2021100512

Hebei University of Science and Technology see Tianjin Chengjian University
(21) 2021100247

(71) Heilongjiang Bayi Agricultural University
(11) AU-A-2021100385
(21) 2021100385 (22) 21.01.2021
(54) A method for identifying grain nutrition based on neural network
(51) Int. Cl.
G06N 3/02 (2006.01)
G06K 9/00 (2006.01)
G06N 3/08 (2006.01)
(45) 15.04.2021
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(74) Alder IP Pty Ltd

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(21) 2021100551

(71) Henan Sunshine Anticorrosive Painting Co., Ltd.

(11) AU-A-2021100544

(21) 2021100544 (22) 28.01.2021

(54) ANTI-CORROSION AND REINFORCEMENT METHOD AND DEVICE FOR REINFORCED CONCRETE STRUCTURE

(51) Int. Cl.

B28C 5/00 (2006.01)

B28C 5/08 (2006.01)

B28C 5/16 (2006.01)

B28C 7/12 (2006.01)

B28C 7/16 (2006.01)

E04B 1/00 (2006.01)

E04G 21/02 (2006.01)

(31) 202010510094.2 (32) 08.06.20 (33) CN

(45) 15.04.2021

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(74) Michael Buck IP

Henan University Of Science And Technology see Guangyuan Company Of Sichuan Tobacco Company
(21) 2021100231

(71) Hengyang Normal University

(11) AU-A-2021100241

(21) 2021100241 (22) 14.01.2021

(54) An Electromagnetic Control Wastewater Treatment System

(51) Int. Cl.

C02F 1/48 (2006.01)

B01J 20/28 (2006.01)

(45) 15.04.2021

(72) Tang, Wenqing; Zeng, Rongying; Tang, Siping; Liu, Mengqin; Zhou, Qianyi; Liu, Yan; Yi, Lu

(74) Alder IP Pty Ltd

Hiremath, S. see B., S.

(21) 2021100323

Holden, D. see 2IMORO GROUP PTY LTD

(21) 2021100113

H R.DIVAKAR see HUMCEN CO

(21) 2021100210

(71) HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY

(11) AU-A-2021100281

(21) 2021100281 (22) 16.01.2021

(54) A Mn doped cerium-zirconium solid solution used for flue gas mercury and toluene removal and a preparation method thereof

(51) Int. Cl.

B01J 23/34 (2006.01)

B01D 53/86 (2006.01)

B01J 23/00 (2006.01)

B01J 37/00 (2006.01)

(45) 15.04.2021

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(74) Alder IP Pty Ltd

Huazhong University of science and technology see Center of Civil Engineering Testing , Huazhong University of Science and Technology

(21) 2021100448

(71) Hubei Institute of Tobacco Science; Hubei University

(11) AU-A-2021100582

(21) 2021100582 (22) 29.01.2021

(54) METHOD FOR CONTROLLING TOBACCO BACTERIAL WILT AND APPLICATIONS OF NAHS TO CONTROL OF RALSTONIA SOLANACEARUM FOR TOBACCOS

(51) Int. Cl.

A01N 59/02 (2006.01)

A01G 7/06 (2006.01)

A01P 1/00 (2006.01)

A01P 3/00 (2006.01)

A01P 21/00 (2006.01)

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Hubei University see Hubei Institute of Tobacco Science

(21) 2021100582

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(11) AU-A-2021100210

(21) 2021100210 (22) 13.01.2021

(54) IOT Based Virtual Students Monitoring System by using TF Plus Mini Lidar Sensor

(51) Int. Cl.

G08B 19/00 (2006.01)

G08B 1/08 (2006.01)

H04W 4/38 (2018.01)

G01S 7/48 (2006.01)

G01S 17/10 (2020.01)

H04B 1/04 (2006.01)

H04L 29/08 (2006.01)

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(72) C. SATHIYAVEL; S. RAVIKUMAR; G. RENUKA DEVI; H. R. DIVAKAR; V. L. MALINI; J. NIRMALADEVI; MO-

HAMMED ALI; NAGAPPA U. BHAJANTRI; M. H. SIDRAM; R. KARTHIKA DEVI

(74) HUMCEN

(71) Hunan University of Science and Technology

(11) AU-A-2021100660

(21) 2021100660 (22) 02.02.2021

(54) Substituted 3-Indazole MCL-1 Inhibitor, Preparation Method and Use Thereof

(51) Int. Cl.

C07D 231/56 (2006.01)

A61P 35/00 (2006.01)

(31) 202010434371.6 (32) 21.05.20 (33) CN

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(72) WAN, Yichao; LI, Yuanhua; YAN, Chunxing; WEN, Jiajun

(74) Golja Haines & Friend

(71) Huzhou Central Hospital

(11) AU-A-2021100463

(21) 2021100463 (22) 25.01.2021

(54) A Trumpet-shaped Lung Cavity Cleaning Device

(51) Int. Cl.

A61H 23/00 (2006.01)

(45) 15.04.2021

(72) Mao, Wei

(74) Alder IP Pty Ltd

(71) Inner Mongolia Agricultural University

(11) AU-A-2021100519

(21) 2021100519 (22) 27.01.2021

(54) Mouse sterilant ND-1 and preparation method thereof

(51) Int. Cl.

A61K 36/30 (2006.01)

A01N 35/06 (2006.01)

A01N 45/00 (2006.01)

A61K 31/122 (2006.01)

A61K 31/567 (2006.01)

A61P 15/16 (2006.01)

A61P 15/18 (2006.01)

(45) 15.04.2021

(72) Fu, Heping; Bu, Fan; Yuan, Shuai; Wu, Xiaodong

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(71) Institute of Agricultural Engineering Technology, Fujian Academy of Agricultural Sciences

(11) AU-A-2021100567

(21) 2021100567 (22) 29.01.2021

(54) METHOD FOR EXTRACTING FLAVONOID COMPOUNDS FROM HYPsizYGUS MARMOREUS

(51) Int. Cl.

C07B 63/00 (2006.01)

A61K 36/07 (2006.01)

(45) 15.04.2021

(72) LAI, Pufu; CHEN, Junchen; LI, Yibin; TANG, Baosha; WU, Li

(74) James & Wells Intellectual Property

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 (11) AU-A-2021100535
 (21) 2021100535 (22) 28.01.2021
 (54) SPRAY PYROLYSIS PREPARATION METHOD OF GRADIENT SELF-DOPING MULTI METAL OXIDE SEMICONDUCTOR THIN FILM
 (51) Int. Cl.
C23C 18/12 (2006.01)
 (45) 15.04.2021
 (62) PCT/CN2019/083188
 (72) Wang, Fuxian; Guo, Pengran; Zhang, Fang; Liang, Weixin
 (74) Madderns Pty Ltd

(71) Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Center, Guangzhou)
 (11) AU-A-2021100636
 (21) 2021100636 (22) 02.02.2021
 (54) Magnetron sputtering preparation method of gradient self-doping pure phase multi metal oxide thin film
 (51) Int. Cl.
C23C 14/35 (2006.01)
 (45) 15.04.2021
 (62) PCT/CN2019/075648
 (72) Wang, Fuxian; Guo, Pengran; Liang, Weixin
 (74) Shelston IP Pty Ltd.

(71) Institute of Animal Science, Guangdong Academy of Agricultural Sciences; South China Agricultural University
 (11) AU-A-2021100251
 (21) 2021100251 (22) 15.01.2021
 (54) A METHOD FOR PROLIFERATING AND TRANSPLANTING TROPICAL SEA CUCUMBER POPULATIONS OF THE WHOLE LIFE HISTORY
 (51) Int. Cl.
A01K 61/30 (2017.01)
 (31) 202011510333.0 (32) 18.12.20 (33) CN
 (45) 15.04.2021
 (72) Wen, Huang; Zonghe, Yu; Chuntian, Zheng; Guoxia, Wang; Peng, Luo
 (74) Madderns Pty Ltd

(71) Institute of Animal Science and Veterinary Medicine Shandong Academy of Agricultural Sciences
 (11) AU-A-2019101789
 (21) 2019101789 (22) 01.04.2019
 (54) Method for quantitatively measuring spatial structure of soil particulate organic matter
 (51) Int. Cl.
G01N 15/10 (2006.01)
G01N 1/34 (2006.01)
G01N 23/046 (2018.01)
 (31) 201910192643.3 (32) 14.03.19 (33) CN
 (45) 15.04.2021
 (72) LIU, Xinghua; LUO, Yongming; ZHANG, Haibo; XIE, Yinyu; ZHU, Rongsheng; WANG, Cheng; WANG, Huaizhong; HU, Hongmei; HUANG, Baohua
 (74) FB Rice Pty Ltd

(71) Institute of Chemical Industry of Forest Products, Chinese Academy of Forestry
 (11) AU-A-2021100253
 (21) 2021100253 (22) 15.01.2021
 (54) LIGNIN FEED ADDITIVE AND PREPARATION METHOD AND USE THEREOF
 (51) Int. Cl.
C07G 1/00 (2011.01)
A61P 31/04 (2006.01)
C08H 7/00 (2011.01)
 (31) 202011314432.1 (32) 21.11.20 (33) CN
 (45) 15.04.2021
 (72) Yang, Xiaohui; Li, Zhou; Jing, Fei; Hu, Lihong; Zhou, Yonghong; Shang, Qianqian; Jia, Puyou; Bo, Caiying
 (74) Madderns Pty Ltd

(71) Institute of Coastal Agriculture, Hebei Academy of Agriculture and Forestry Sciences
 (11) AU-A-2021100295
 (21) 2021100295 (22) 18.01.2021
 (54) ECONOMICAL TRIUNE METHOD FOR CONSTRUCTION OF VEGETATION IN SEVERELY SALINE-ALKALI LAND
 (51) Int. Cl.
A01B 79/02 (2006.01)
A01C 21/00 (2006.01)
A01G 24/46 (2018.01)
B09C 1/02 (2006.01)
 (45) 15.04.2021
 (72) ZHANG, Xiaodong; WANG, Xiuping; XUE, Zhizhong; WU, Zhe; LI, Zhaojia; ZHANG, Guoxin; LIU, Yahui
 (74) Houlihan² Pty Ltd

(71) INSTITUTE OF COTTON RESEARCH OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES
 (11) AU-A-2021100466
 (21) 2021100466 (22) 25.01.2021
 (54) COMBINED POLLEN COLLECTOR
 (51) Int. Cl.
A01H 1/02 (2006.01)
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G06Q 10/00 (2012.01)
B62D 67/00 (2006.01)
 (45) 15.04.2021
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 (54) A method for determining the structure of the deep lithosphere using 3D magnetotelluric survey
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G01V 3/12 (2006.01)
G01V 3/38 (2006.01)
 (45) 15.04.2021
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 (54) Magnetotelluric generator
 (51) Int. Cl.
H02N 11/00 (2006.01)
H02J 7/00 (2006.01)
H02J 15/00 (2006.01)
H02M 7/00 (2006.01)
 (45) 15.04.2021
 (72) HE, Lanfang
 (74) Cotters Patent & Trade Mark Attorneys

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 (51) Int. Cl.
G01V 3/08 (2006.01)
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 (11) AU-A-2021100491
 (21) 2021100491 (22) 26.01.2021
 (54) A method for analyzing equivalence phenomenon of electrical source transient electromagnetic method
 (51) Int. Cl.
G01V 3/12 (2006.01)
G01R 29/08 (2006.01)
G01V 3/38 (2006.01)
 (45) 15.04.2021
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 (51) Int. Cl.
 F17C 13/04 (2006.01)
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 G01S 19/24 (2010.01)
 G06F 16/29 (2019.01)
 H04L 12/853 (2013.01)
 H04B 7/185 (2006.01)
 H04L 9/06 (2006.01)
 H04L 12/931 (2013.01)
 H04L 29/06 (2006.01)
 H04N 7/20 (2006.01)
 H04N 21/235 (2011.01)
 H04W 16/28 (2009.01)
 (45) 15.04.2021
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 G01V 1/38 (2006.01)
 B63B 22/00 (2006.01)
 G08C 17/02 (2006.01)
 H04B 7/185 (2006.01)
 H04B 11/00 (2006.01)
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 H04W 4/38 (2018.01)
 H04W 84/18 (2009.01)
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 (54) Method for Screening gRNA Target Sequence Containing PAM Structure Based on Character Slicing Technology and Application Thereof

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 C12Q 1/6811 (2018.01)
 C12N 15/10 (2006.01)
 C12N 15/113 (2010.01)
 G16B 30/10 (2019.01)
 G16B 45/00 (2019.01)
 G06K 9/72 (2006.01)
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 (51) Int. Cl.
 G16Y 20/10 (2020.01)
 G01W 1/02 (2006.01)
 G08B 21/10 (2006.01)
 G16Y 40/10 (2020.01)
 G16Y 40/20 (2020.01)
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G16H 50/30 (2018.01)
G06N 3/04 (2006.01)
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
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(51) Int. Cl.
C07D 235/02 (2006.01)
C09K 11/06 (2006.01)
H01L 51/00 (2006.01)
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(11) AU-A-2021100132
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(54) BIOLOGICAL PESTICIDE PREPARATION FOR CONTROLLING RICE DISEASES AND PREPARATION METHOD AND USE THEREOF
(51) Int. Cl.
A01N 43/16 (2006.01)
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(72) KONG, Weibao; XUE, Guipeng; YANG, Yalan
(74) Patentec Patent Attorneys
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(11) AU-A-2021100043
(21) 2021100043 **(22)** 05.01.2021
(54) A new type of FRP integrated prefabricated pump station
(51) Int. Cl.
E03F 5/22 (2006.01)
E04H 5/06 (2006.01)
E03F 5/14 (2006.01)
F04D 7/04 (2006.01)
F04D 13/08 (2006.01)
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- (71)** Jiangsu University
(11) AU-A-2021100329
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(54) Intelligent Solid-State Fermentation Method For Fermented Tea
(51) Int. Cl.
G06N 3/02 (2006.01)
A23F 3/10 (2006.01)
C12M 1/36 (2006.01)
G06F 17/18 (2006.01)
G06K 9/62 (2006.01)
C12M 1/34 (2006.01)
(45) 15.04.2021
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(21) 2021100545 **(22)** 28.01.2021
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- (54)** A method for estimating the state of health of lithium ion power batteries based on machine learning
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G01R 31/392 (2019.01)
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G01R 31/367 (2019.01)
B60L 58/16 (2019.01)
G01R 31/382 (2019.01)
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G06N 3/04 (2006.01)
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(54) METHOD FOR FLUOROMETRIC ASSAY IN CELL-FREE PROTEIN SYNTHESIS ENVIRONMENT
(51) Int. Cl.
B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
G01N 21/64 (2006.01)
G01N 33/68 (2006.01)
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G01N 33/46 (2006.01)
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E21D 11/08 (2006.01)
C04B 28/02 (2006.01)
E04B 1/32 (2006.01)
C04B 111/00 (2006.01)
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(72) Rong, Qiyang; CHANG, HUI-CHIN
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(54) ULTRA-HIGH-STRENGTH UHPC PREFABRICATED STAIRS
- (51) Int. Cl.
E04F 11/035 (2006.01)
E04F 11/028 (2006.01)
E04F 11/09 (2006.01)
C04B 14/02 (2006.01)
C04B 14/06 (2006.01)
C04B 14/28 (2006.01)
C04B 14/48 (2006.01)
C04B 28/00 (2006.01)
E04F 11/02 (2006.01)
E04F 11/104 (2006.01)
C04B 103/30 (2006.01)
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E01F 15/08 (2006.01)
E01C 11/22 (2006.01)
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E21F 1/08 (2006.01)
E21F 1/00 (2006.01)
E21F 1/04 (2006.01)
F16L 9/18 (2006.01)
C04B 28/04 (2006.01)
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- (54) NOVEL ULTRA-HIGH STRENGTH RPC TUNNEL CABLE TRENCH COVER PLATE
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H02G 9/02 (2006.01)
C04B 28/00 (2006.01)
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B02C 17/06 (2006.01)
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E01D 19/06 (2006.01)
E01D 2/00 (2006.01)
E01D 19/12 (2006.01)
E01D 101/24 (2006.01)
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(54) NOVEL ULTRA-HIGH-PERFORMANCE UHPC WATER PIPE
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F16L 9/18 (2006.01)
F16L 57/02 (2006.01)
F16L 9/08 (2006.01)
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H04W 4/38 (2018.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
H03M 1/00 (2006.01)
H04L 29/08 (2006.01)
H04W 4/80 (2018.01)
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C03C 17/22 (2006.01)
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G02B 1/11 (2015.01)
G02B 5/28 (2006.01)
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G02B 1/115 (2015.01)
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(11) AU-A-2021100321
(21) 2021100321 (22) 19.01.2021
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B01F 3/04 (2006.01)
B01F 5/06 (2006.01)
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(62) PCT/CN2019/078201
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B01F 3/04 (2006.01)
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(51) Int. Cl.
E21D 21/00 (2006.01)
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(21) 2021100064 (22) 06.01.2021
(54) Wild life intrusion detection system empowered with Artificial intelligence
(51) Int. Cl.
A01M 29/16 (2011.01)
G06N 20/00 (2019.01)

G08B 21/02 (2006.01)

(45) 15.04.2021
(72) Jain, Sonal Amit; Naveen, N.C.; Delampady, Suresh; Patil, Poornima G; Meshram, Vaibhav A; K R, Pradeep; Mishra, Bibhu Kalyan; K A, Sharada; Naik, Praveen; U, Aravind K; PAREEK, PIYUSH KUMAR
(74) PIYUSH KUMAR PAREEK

Kamalakannan, S. see Shakkeera, L.
(21) 2021100235

Kamalanathan, C. see Marriwala, N.
(21) 2021100311

Kamila, N.K. see Majhi, S.K.
(21) 2021100648

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(21) 2021100531

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(21) 2021100342

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(21) 2021100629

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(21) 2021100313

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(21) 2020104159

Kataria, A. see Jangra, S.
(21) 2021100309

(71) Kataria, A.; Kar, A.K.; Chakraborty, A.; Jangra, S.; Ahuja, P.; Kaur, M.
(11) AU-A-2021100629
(21) 2021100629 (22) 02.02.2021
(54) SYSTEM AND METHOD FOR MONITORING DRIVER ALERTNESS USING IOT
(51) Int. Cl.

G08B 21/06 (2006.01)
A61B 5/00 (2006.01)
A61B 5/18 (2006.01)
G02B 27/00 (2006.01)
G01N 33/497 (2006.01)
G08B 7/06 (2006.01)
G08B 25/01 (2006.01)

(45) 15.04.2021
(72) Kataria, Aman; Kar, Arpan Kumar; Chakraborty, Amrita; Jangra, Surender; Ahuja, Pooja; Kaur, Mehabeen
(74) Aman Kataria

Kaur, A. see Dhiman, G.
(21) 2020104348

Kaur, I. see Mallick, P.
(21) 2021100049

Kaur, I. see Priyadarshi, N.
(21) 2021100437

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(21) 2021100629

Khan, I.R. see Vangeti, M.
(21) 2021100143

Khan, R.A. see Alhakami, H.
(21) 2021100559

KHAN, M.R. see Research Scholar, P.B.
(21) 2021100315

Khare, B.B. see Agrawal, N.
(21) 2021100502

Khobragade, A.R. see Bansod, A.R.
(21) 2021100121

(71) kollar, a.
(11) AU-A-2021100617
(21) 2021100617 (22) 01.02.2021
(54) QR code operated washing machine / smart shared laundry
(51) Int. Cl.
D06F 34/05 (2020.01)
G06Q 20/32 (2012.01)
G07F 17/20 (2006.01)
(45) 15.04.2021
(72) Kollar, Andrej
(74) andrej kollar

KONNI, M. see RAJU BENDI, R.
(21) 2021100215

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(21) 2021100311

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(21) 2021100064

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(21) 2021100302

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(21) 2021100346

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(21) 2021100287

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(21) 2021100342

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(21) 2021100346

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(21) 2021100169

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(21) 2021100597

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(21) 2021100287

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(21) 2020104159

Kumar, P. see Verma, B.K.
(21) 2020104195

Kumar, V. see Dhiman, G.
(21) 2020104348

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(21) 2020104412

Kumar, R. see Verma, A.R.
(21) 2021100279

Kumar, B. see Ajay -
(21) 2021100325

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(21) 2021100429

Kumar, D. see Prakash Shukla, A.
(21) 2021100430

Kumar, A. see Prakash Shukla, A.
(21) 2021100430

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(21) 2021100554

Kumar, R. see Alhakami, H.
(21) 2021100559

Kumar, N. see Sharma, A.K.
(21) 2021100596

Kumaraguru, K. see Marriwala, N.
(21) 2021100311

Kumar Bharti, P. see M, R.
(21) 2021100358

Kumar Gupta, P. see Arjunan, T.
(21) 2021100087

KUMAR KARNENA, M. see RAJU BENDI,
R.
(21) 2021100215

Kumar Singh, P. see Chunilal More, K.
(21) 2021100090

Kumar Singh, P. see M, R.
(21) 2021100358

Kumar Yadav, P. see Prakash Shukla, A.
(21) 2021100430

(71) KUNG, W.
(11) AU-A-2021100264
(21) 2021100264 (22) 15.01.2021
(54) Electric Chain Driver and Electric
Rolling Door Driven Thereby
(51) Int. Cl.
E06B 9/70 (2006.01)
E06B 9/08 (2006.01)
E06B 9/72 (2006.01)
H02K 7/116 (2006.01)
(31) 109207462 (32) 12.06.20 (33) TW
(45) 15.04.2021
(72) LEE, Chi-Hsuan
(74) A.P.T. Patent and Trade Mark Attor-
neys

(71) KUNG, W.
(11) AU-A-2021100318
(21) 2021100318 (22) 19.01.2021
(54) Roller Door and Operation Switching
Device Thereof
(51) Int. Cl.
E06B 9/74 (2006.01)
E06B 9/08 (2006.01)
E06B 9/72 (2006.01)
(31) 109203266 (32) 20.03.20 (33) TW
(45) 15.04.2021
(72) LEE, Chi-Hsuan
(74) A.P.T. Patent and Trade Mark Attor-
neys

(71) Lakhekar, G.V.; Madhavrao Waghmare,
L.; Rohit Shende, D.

(11) AU-A-2021100238
(21) 2021100238 (22) 14.01.2021
(54) ADAPTIVE SPATIAL TRAJEC-
TORY TRACKING CONTROL FOR
AUTONOMOUS UNDERWATER
VEHICLE
(51) Int. Cl.
G05B 13/04 (2006.01)
G05B 13/02 (2006.01)
G05B 19/408 (2006.01)
G05B 21/02 (2006.01)
G05D 1/00 (2006.01)
G05D 1/04 (2006.01)
G05D 1/06 (2006.01)

(45) 15.04.2021
(72) Lakhekar, Girish Vithalrao; Madhavrao
Waghmare, Laxman; Rohit Shende,
Dipali
(74) Girish Vithalrao Lakhekar

(71) Lazer Asset Pty Ltd
(11) AU-A-2021100616
(21) 2021100616 (22) 01.02.2021
(54) A Fence Plinth
(51) Int. Cl.
E04H 17/16 (2006.01)
(45) 15.04.2021
(72) Ferris, David
(74) WRAYS PTY LTD

(71) LEASEN STEEL INTERNATIONAL
PTY LTD
(11) AU-A-2021100160
(21) 2021100160 (22) 12.01.2021
(54) HEAT-INSULATING AND CORRO-
SION-RESISTANT TITANIUM-TIN
METAL COATING, COLOR STEEL
PLATE CONTAINING SAME AND
THEIR PREPARATION METHODS
(51) Int. Cl.
C09D 5/08 (2006.01)
C09D 163/00 (2006.01)
E04B 1/62 (2006.01)
C08K 3/22 (2006.01)
C08K 9/08 (2006.01)
C09D 5/44 (2006.01)
C09D 7/45 (2018.01)
E04B 1/64 (2006.01)
(45) 15.04.2021
(72) ZHENG, Bill
(74) Remarkable IP

(71) Liaoning Shihua University
(11) AU-A-2021100485
(21) 2021100485 (22) 26.01.2021
(54) An oil transfer device with anti-sticking
wall
(51) Int. Cl.
B65D 81/05 (2006.01)
B65D 81/07 (2006.01)
B65D 88/00 (2006.01)
B65D 88/12 (2006.01)
B65D 88/74 (2006.01)
B65D 90/08 (2006.01)
B65D 90/28 (2006.01)

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(72) Su, Wen-Tao; Zhang, Nan
(74) Alder IP Pty Ltd

(71) Liu, Q.
(11) AU-A-2021100476
(21) 2021100476 (22) 25.01.2021
(54) MAP-BASED SOCIAL MEDIA MOBILE APPLICATION, THAT LINKS THE CHAT ROOMS/GROUPS TO POINT OF INTERESTS ON A MAP, THE CHAT ROOMS/GROUPS ARE OPENED AND ENTERED INTO THROUGH THE POINTS OF INTERESTS ON THE MAP INTERFACE.
(51) Int. Cl.
H04L 12/58 (2006.01)
G06F 3/048 (2013.01)
H04L 12/18 (2006.01)
G06Q 50/00 (2012.01)
(45) 15.04.2021
(72) Liu, Qi
(74) Qi Liu

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(21) 2021100502

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(21) 2020104195

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(21) 2021100423

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(21) 2021100425

M, M.V. see Shakkeera, L.
(21) 2021100235

(71) M, S.B.
(11) AU-A-2021100236
(21) 2021100236 (22) 14.01.2021
(54) ARTIFICIAL INTELLIGENCE BASED STRUCTURED OBSERVATION SCHEDULE FOR EVALUATING ON-LINE CLASSES AND VIDEOS
(51) Int. Cl.
G06Q 50/20 (2012.01)
G06Q 10/06 (2012.01)
G09B 5/06 (2006.01)
G09B 5/10 (2006.01)
(45) 15.04.2021
(72) M, Sameer Babu
(74) Sameer Babu M

M, L. see Devaneyan, S.
(21) 2021100287

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(71) M, R.; Ahuja, R.; Selvi, K.K.; Kumar Bharti, P.; Chordiya, S.B.; Purushottam Pawar, V.; Raj, B.; Sarkar, B.K.; Kumar Singh, P.; Nidhi Singh, P.
(11) AU-A-2021100358
(21) 2021100358 (22) 20.01.2021
(54) IFCE- Robot Bird Flying System: Intelligent Robot Bird Flying Controllability Evaluation System
(51) Int. Cl.
F02C 7/055 (2006.01)
A01K 15/02 (2006.01)
A01M 29/32 (2011.01)
B64D 33/02 (2006.01)
(45) 15.04.2021
(72) M, Revanesh; Ahuja, Rakesh; Selvi, K. Kalai; Kumar Bharti, Pawan; Chordiya, S. B.; Purushottam Pawar, Vrushsen; Raj, Beg; Sarkar, B. K.; Kumar Singh, Pawan; Nidhi Singh, Pari
(74) Revanesh M

M, S. see S, K.
(21) 2021100434

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(21) 2021100597

M., L.S. see B., S.
(21) 2021100323

M., S. see B., S.
(21) 2021100323

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(21) 2021100210

M.RAJKUMAR see R.PARTHASARATHI
(21) 2021100276

MADDERLA, S. see G, S.S.K.
(21) 2021100531

Madhavrao Waghmare, L. see Lakhekar, G.V.
(21) 2021100238

Mahapatra, S. see Priyadarshi, N.
(21) 2021100437

(71) MAHESHWARY, P.B.; MODAK, J.P.; GHOSH, S.S.; JUNGHARE, T.; GHAF-FAR, A.; MODAK, S.
(11) AU-A-2021100524
(21) 2021100524 (22) 27.01.2021
(54) A workstation for washing utensils
(51) Int. Cl.

A47B 83/00 (2006.01)
A47L 17/00 (2006.01)

(45) 15.04.2021
(72) MAHESHWARY, PRASHANT BRAJ-MOHAN; MODAK, JAYANT PANDUR-ANG; GHOSH, SIDDHARTH SWAPAN; JUNGHARE, TEJASWINI; GHAF-FAR, ABDUL; MODAK, SARIKA
(74) PRASHANT BRAJMOHAN MAHESHWARY

(71) Majhi, S.K.; Mishra, K.; Dhal, S.K.; Kamila, N.K.; Brahma, B.; Nukala, M.; Pani, S.K.; Pradhan, R.
(11) AU-A-2021100648
(21) 2021100648 (22) 02.02.2021
(54) A SYSTEM AND METHOD FOR SCHEDULING TASK IN IOT-FOG-CLOUD CONTINUUM
(51) Int. Cl.
G06F 9/50 (2006.01)
G16Y 30/00 (2020.01)
H04L 29/08 (2006.01)
G06F 9/455 (2018.01)
(45) 15.04.2021
(72) Majhi, Santosh Kumar; Mishra, Kaushik; Dhal, Sunil Kumar; Kamila, Nilayam Kumar; Brahma, Biswajit; Nukala, Mahesh; Pani, Subhendu Kumar; Pradhan, Rosy
(74) Santosh Kumar Majhi

MAJHI, S.K. see Panda, S.
(21) 2021100341

Malagi, V.P. see PAREEK, P.K.
(21) 2021100154

MALLA, R. see RAJU BENDI, R.
(21) 2021100215

(71) Mallick, P.; Bhoi, A.K.; Chae, G.S.; Mishra, B.S.P.; Nayak, S.R.; Prasad, S.; sahu, S.; Kaur, I.; MOHAMMED, I.S.; Md, A.
(11) AU-A-2021100049
(21) 2021100049 (22) 06.01.2021
(54) MACHINE LEARNING BASED HAND SANITIZER MAKING AND DISPENSING MACHINE
(51) Int. Cl.
A47K 5/12 (2006.01)
G05D 7/06 (2006.01)
G05D 11/13 (2006.01)
G06K 9/00 (2006.01)
G06T 7/62 (2017.01)
B01F 3/08 (2006.01)
B01F 13/10 (2006.01)
G01J 5/00 (2006.01)
G06N 20/00 (2019.01)
G08B 5/36 (2006.01)
G08B 21/18 (2006.01)
(45) 15.04.2021
(72) Mallick, Pradeep Kumar; Bhoi, Akash Kumar; Chae, Gyoo Soo; Mishra, Bhabani Shankar Prasad; Nayak, Sou-

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(74) Pradeep Kumar Mallick

(71) Mallick, P.; Sharma, A.; Dhal, S.K.; Mishra, S.K.; Chae, G.S.; A, A.; S, S.K.; R, A.; Basa, S.S.; Govindharaj, A.; MUTHYALA, R.; G, B.

(11) AU-A-2021100300
(21) 2021100300 **(22)** 18.01.2021

(54) Machine Learning-based Smart Workout System

(51) Int. Cl.
A63B 24/00 (2006.01)
G06K 9/00 (2006.01)
G06N 20/00 (2019.01)
H04N 5/33 (2006.01)

(45) 15.04.2021
(72) Sharma, Ashis; Mallick, Pradeep Kumar; Dhal, Sunil Kumar; Mishra, Sam-bit Kumar; Chae, Gyoo Soo; A., Ambikapathy; S., Saravana Kumar; R., Arthi; Basa, Santi Swarup; Govindharaj, Arun prasad; MUTHYALA, RAJU; G., Bhasker

(74) Pradeep Kumar Mallick

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(21) 2021100437

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(21) 2021100143

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(21) 2020104159

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(21) 2021100346

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(21) 2021100287

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(21) 2021100346

(71) Marriwala, N.; Gautam, A.; Kousalya, C.G.; Baskaran, B.; Saikumar, P.J.; Rohini, G.; B. Dadas, A.; Kamalanathan, C.; Panda, S.; Kumaraguru, K.; Rahul, S.S.

(11) AU-A-2021100311
(21) 2021100311 **(22)** 19.01.2021
(54) SYSTEM AND METHOD FOR FUZZY-BASED CONTROL AND MEASUREMENT OF TEMPERATURE AND HUMIDITY FOR GREENHOUSE

(51) Int. Cl.
G05B 13/02 (2006.01)
G06N 7/02 (2006.01)
G05B 15/02 (2006.01)

(45) 15.04.2021
(72) Marriwala, Nikhil; Gautam, Ashu; Kousalya, C. Gnana; Baskaran, Balraj; Saikumar, P. Janardhan; Rohini, G.; B. Dadas, Anandrao; Kamalanathan, C.; Panda, Sunita; Kumaraguru, K.; Rahul, Shinde Suvarna

(74) Nikhil Marriwala

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(21) 2021100087

(71) Matthews, K.
(11) AU-A-2020101812

(21) 2020101812 **(22)** 13.08.2020

(54) Dog Excrement Container This is a container attached to a dog's collar, harness or lead used to carry the plastic bagged dog's excrement, until it can be disposed of in an appropriate bin.

(51) Int. Cl.
A01K 23/00 (2006.01)
A01K 27/00 (2006.01)

(45) 15.04.2021
(72) Matthews, Kerry Anne
(74) Kerry Anne Matthews

Mayuri, A.V.R. see Sunar Mahammad, F.
(21) 2021100433

(71) McNamara, P.
(11) AU-A-2021100465
(21) 2021100465 **(22)** 25.01.2021
(54) A freestanding sound attenuating apparatus for kitchen appliances

(51) Int. Cl.
A47J 43/04 (2006.01)
G10K 11/16 (2006.01)

(45) 15.04.2021
(62) PCT/AU2019/050850
(72) McNamara, Paul
(74) Patentec Patent Attorneys

Md, A. see Mallick, P.
(21) 2021100049

(71) Meego Technology Limited
(11) AU-A-2020104421
(21) 2020104421 **(22)** 02.04.2020
(54) Method and system for interactive learning

(51) Int. Cl.
G06Q 50/20 (2012.01)
(31) 19121874.2 **(32)** 03.04.19 **(33)** HK
 19132759.2 26.11.19 HK

(45) 15.04.2021
(72) TING, Kathleen
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

Meshram, V.A. see K A, S.
(21) 2021100064

(71) MIANYANG TEACHERS' COLLEGE
(11) AU-A-2021100644
(21) 2021100644 **(22)** 02.02.2021
(54) RT-LAMP PRIMER COMPOSITION BASED ON PEDV M GENES AND APPLICATIONS THEREOF

(51) Int. Cl.
C12Q 1/70 (2006.01)

(45) 15.04.2021
(72) Chen, Xiwen; Yin, Miao; Zhao, Hong; Wu, Qian; Yang, Feng; Yang, Qin; Wang, Qian; Long, Jie; Zheng, Yao; Liao, Chenchen
(74) Remarkable IP

Mishra, B.S.P. see Mallick, P.
(21) 2021100049

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(21) 2021100064

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(21) 2021100120

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(21) 2021100120

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(21) 2021100300

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(21) 2021100648

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(21) 2021100313

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(21) 2021100570

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(21) 2021100524

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(21) 2021100524

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(21) 2021100049

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(21) 2021100210

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(21) 2021100287

(71) Mozaffari, N.; Vambol, V.; Vambol, S.; A. Khan, N.; Ahmed, S.
(11) AU-A-2021100274

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(21) 2021100274 (22) 16.01.2021
(54) CARBON MONOXIDE NANOADSORBENT AND PREPARATION METHOD THEREOF
(51) Int. Cl.
B01J 20/08 (2006.01)
B01D 53/04 (2006.01)
B01D 53/62 (2006.01)
B01J 20/02 (2006.01)
B01J 20/28 (2006.01)
B01J 20/32 (2006.01)
B01J 21/04 (2006.01)
B01J 35/02 (2006.01)
(45) 15.04.2021
(72) Mozaffari, Nastaran; Vambol, Viola; Vambol, Sergij; A. Khan, Nadeem; Ahmed, Sirajuddin
(74) Blessen Skariah Thomas

(71) MP Hydro Pty Limited
(11) AU-A-2021100380
(21) 2021100380 (22) 21.01.2021
(54) Swimming pool construction
(51) Int. Cl.
E04H 4/04 (2006.01)
A47K 3/06 (2006.01)
A61H 33/00 (2006.01)
E04H 4/14 (2006.01)
(45) 15.04.2021
(62) PCT/AU2019/050857
(72) Cross, Anthony Mark; Rickard, Charles Eric
(74) WADESON

M S, N.M. see PAREEK, P.K.
(21) 2021100154

Muppalaneni, N.B. see Patchikolla, S.
(21) 2021100484

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(21) 2021100346

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(21) 2021100597

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(21) 2021100300

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(21) 2021100437

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(21) 2021100597

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(21) 2021100210

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(21) 2021100605

Naik, P. see K A, S.
(21) 2021100064

Nandagopal, V. see Arya, S.
(21) 2021100346

(71) Nanjing Forestry University
(11) AU-A-2021100612
(21) 2021100612 (22) 01.02.2021
(54) A method for preparation of scions
(51) Int. Cl.
A01G 2/35 (2018.01)
A01H 4/00 (2006.01)
A01H 6/00 (2018.01)
(45) 15.04.2021
(72) Tan, Pengpeng; Liang, Youwang; Peng, Fangren; Zhu, Kaikai; Zhou, Ying; Zhang, Jie
(74) Alder IP Pty Ltd

(71) Nanjing Hydraulic Research Institute
(11) AU-A-2021100306
(21) 2021100306 (22) 18.01.2021
(54) Remote Sensing-Based Lake Water Storage Change Monitoring Method
(51) Int. Cl.
G01C 13/00 (2006.01)
G01F 15/06 (2006.01)
G01F 23/00 (2006.01)
G01S 13/86 (2006.01)
G01S 13/88 (2006.01)
G01S 17/89 (2020.01)
(31) 2020105528809 (32) 17.06.20 (33) CN
(45) 15.04.2021
(72) Huang, Dui; Liu, Jiufu; Wang, Wenzhong; Zhang, Jianyun; Ma, Tao; Liu, Hongwei; Wang, Huan; Cui, Wei; Peng, Anbang; Zheng, Hao
(74) PATENTS AU PTY LTD

(71) Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
(11) AU-A-2021100170
(21) 2021100170 (22) 12.01.2021
(54) A Method for Preparing Water Treatment Phosphorus-Accumulating Fillers by Sintering Municipal Solid Waste Incineration Slags
(51) Int. Cl.
B01J 20/30 (2006.01)
B09B 3/00 (2006.01)
C02F 1/28 (2006.01)
C02F 101/10 (2006.01)
(45) 15.04.2021
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(74) Alder IP Pty Ltd

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(11) AU-A-2020104420
(21) 2020104420 (22) 29.12.2020

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(51) Int. Cl.
H01L 31/0248 (2006.01)
(31) 202010000190.2 (32) 02.01.20 (33) CN
(45) 15.04.2021
(72) GAO, Rui Feng; ZHOU, Jungui
(74) Shelston IP Pty Ltd.

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(11) AU-A-2021100260
(21) 2021100260 (22) 15.01.2021
(54) INTELLIGENT CONTROL SYSTEM AND METHOD FOR SEWAGE TREATMENT BASED ON GAS MONITORING
(51) Int. Cl.
C02F 3/12 (2006.01)
C02F 3/30 (2006.01)
(31) 202011391701.4 (32) 02.12.20 (33) CN
(45) 15.04.2021
(72) YU, Han; YU, Hongbing; YANG, He
(74) DAVIS IP PTY LTD

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(21) 2020103960

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(21) 2020104282 (22) 23.12.2020
(54) Intelligent Training Aiding Method And System For Instructional Cars
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G09B 19/16 (2006.01)
(31) 202010696315.X (32) 20.07.20 (33) CN
(45) 15.04.2021
(72) GAO, Qing; CHEN, Xiaobing; GAO, Yan
(74) WRAYS PTY LTD

(71) Nankai University
(11) AU-A-2021100148
(21) 2021100148 (22) 11.01.2021
(54) 3D Graphene-Based Nanosized Zero-Valent Iron Material, Preparation Method Thereof and Use Thereof
(51) Int. Cl.
B01J 23/745 (2006.01)
B01J 27/20 (2006.01)
B01J 35/00 (2006.01)
B01J 35/02 (2006.01)
C01B 32/182 (2017.01)
C02F 1/68 (2006.01)
C02F 1/72 (2006.01)
C02F 101/30 (2006.01)
C02F 103/06 (2006.01)
(45) 15.04.2021
(72) Zhang, Peng; Fan, Mingyi; Sun, Hongwen
(74) Alder IP Pty Ltd

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 (11) AU-A-2021100462
 (21) 2021100462 (22) 25.01.2021
 (54) CONSTRUCTION METHOD FOR ATTENUATED PSEUDOMONAS AERUGINOSA AND APPLICATION THEREOF
 (51) Int. Cl.
C12N 15/78 (2006.01)
A61K 39/104 (2006.01)
A61P 31/04 (2006.01)
C12N 1/20 (2006.01)
A61K 39/00 (2006.01)
C12R 1/385 (2006.01)
 (45) 15.04.2021
 (72) Bai, Fang; Yue, Zhuo; Wu, Weihui; Jin, Yongxin; Cheng, Zhihui
 (74) Remarkable IP

Nanyang Technological University, Singapore see Center of Civil Engineering Testing , Huazhong University of Science and Technology
 (21) 2021100448

National Meteorological Center see Chengdu University of Information Technology
 (21) 2021100608

Naved, M. see Venkateswarlu, Y.
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 (11) AU-A-2021100419
 (21) 2021100419 (22) 22.01.2021
 (54) A HYBRID SOLAR PV, WIND, MHD AND PEM FUEL CELL-BASED ENERGY CONVERSION SYSTEM
 (51) Int. Cl.
H02K 44/18 (2006.01)
F03D 9/19 (2016.01)
H02K 44/08 (2006.01)
H02K 44/10 (2006.01)

H02S 10/10 (2014.01)
H02S 10/12 (2014.01)
H02K 47/02 (2006.01)
 (45) 15.04.2021
 (72) Nijhawan, Parag; Singla, Manish Kumar; Gupta, Jyoti
 (74) RADIAN GLOBAL PTY LTD

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 (11) AU-A-2021100427
 (21) 2021100427 (22) 22.01.2021
 (54) A NOVEL DESIGN OF A HYBRID SOLAR PV, WIND AND TIDAL ENERGY CONVERSION SYSTEM
 (51) Int. Cl.
H02S 10/12 (2014.01)
F03D 9/00 (2016.01)
H02S 20/32 (2014.01)
H02S 40/40 (2014.01)
 (45) 15.04.2021
 (72) Nijhawan, Parag; Singh, Parminder; Dhingra, Arvind
 (74) RADIAN GLOBAL PTY LTD

Ningxia University see Yinchuan Industrial Technology Research Institute
 (21) 2021100464

N Karanth, S. see Wanjari, A.K.
 (21) 2021100302

North China Electric Power University see State Grid Economic and Technological Research Institute of Shanxi
 (21) 2021100369

(71) North China Institute of Science and Technology; Henan Polytechnic University; China University of Mining & Technology, Beijing; Beijing Xinanyue Intelligent Technology Co., Ltd.
 (11) AU-A-2021100551
 (21) 2021100551 (22) 28.01.2021
 (54) STRUCTURE FOR CONTROLLING FLOOR HEAVE OF ROADWAY
 (51) Int. Cl.
E21D 15/55 (2006.01)
E21D 11/00 (2006.01)
E21D 11/15 (2006.01)
E21D 21/00 (2006.01)
 (45) 15.04.2021
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 (74) Clarissa Wynne

(71) Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences
 (11) AU-A-2021100185
 (21) 2021100185 (22) 13.01.2021

(54) A preparation method of Heracleum dissectum and Heracleum moellendorffii green tea
 (51) Int. Cl.
A23F 3/08 (2006.01)
A23F 3/24 (2006.01)
A23F 3/12 (2006.01)
 (45) 15.04.2021
 (72) Fan, Lili; Zhao, Hengtian; Xu, Qiang; Yang, Jing
 (74) Alder IP Pty Ltd

(71) Northwest A&F University
 (11) AU-A-2021100375
 (21) 2021100375 (22) 21.01.2021
 (54) TECHNIQUE FOR ECOLOGICALLY RESTORING ENGINEERING-DAMAGED SURFACE BY USING MOSS CRUST
 (51) Int. Cl.
A01G 13/02 (2006.01)
A01C 23/04 (2006.01)
A01G 24/20 (2018.01)
A01G 24/28 (2018.01)
 (45) 15.04.2021
 (72) BU, Chongfeng; WANG, Chun; LI, Ruxue; JU, Mengchen; WANG, Qingxuan
 (74) James & Wells Intellectual Property

(71) Northwestern Polytechnical University
 (11) AU-A-2021100634
 (21) 2021100634 (22) 02.02.2021
 (54) IMAGE TARGET RECOGNITION SYSTEM BASED ON RGB DEPTH-OF-FIELD CAMERA AND HYPERSPECTRAL CAMERA
 (51) Int. Cl.
G06K 9/20 (2006.01)
G01J 3/28 (2006.01)
G06K 9/00 (2006.01)
G06T 7/55 (2017.01)
H04N 13/204 (2018.01)
G06K 9/46 (2006.01)
 (45) 15.04.2021
 (72) Chen, Jie
 (74) James & Wells Intellectual Property

Northwest Normal University see Gansu Zhongke Kaiyue Silicon Material Technology Co. LTD
 (21) 2021100184

(71) Norton, M.
 (11) AU-A-2021100305
 (21) 2021100305 (22) 18.01.2021
 (54) Magnetic floor buffer - Grinder - plate Invention
 (51) Int. Cl.
B24B 45/00 (2006.01)
B24B 23/02 (2006.01)
 (45) 15.04.2021
 (72) Norton, Mathew Raymund
 (74) Mathew Raymund Norton

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(21) 2021100240

(71) Ordos City Mengkangyuan Biotechnology Research Co., Ltd.

(11) AU-A-2021100516

(21) 2021100516 (22) 27.01.2021

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(51) Int. Cl.

A01N 65/08 (2009.01)

A01N 25/04 (2006.01)

A01N 65/10 (2009.01)

A01N 65/12 (2009.01)

A01P 7/04 (2006.01)

B01D 11/02 (2006.01)

(31) 202010820018.1 (32) 14.08.20 (33) CN

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(72) Cai, Juan; Cai, Zhanjun

(74) PATENTS AU PTY LTD

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(71) P, P.; C, V.; V, K.K.; K, C.; G, S.J.; K T, M.; Singh, M.; P, R.; S, J.R.; R, S.

(11) AU-A-2021100169

(21) 2021100169 (22) 12.01.2021

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(51) Int. Cl.

A01G 31/00 (2018.01)

(45) 15.04.2021

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(74) PONMURUGAN P

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(21) 2021100235

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P, J. see G, S.S.K.

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(21) 2021100276

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(21) 2021100560

(71) Pagden, K.

(11) AU-A-2021100171

(21) 2021100171 (22) 12.01.2021

(54) Biodegradable single use, temperature controlled esky type container for the delivery of cold chain temperature sensitive food and pharmaceutical products

(51) Int. Cl.

F25D 3/08 (2006.01)

B09B 3/00 (2006.01)

B65D 81/38 (2006.01)

B65D 85/50 (2006.01)

(45) 15.04.2021

(72) Pagden, Kenneth Lindsay

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(21) 2021100531

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(21) 2020104195

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(21) 2021100311

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(11) AU-A-2021100341

(21) 2021100341 (22) 19.01.2021

(54) Health Related Crisis Ready Plan through Wireless Sensor Network and the Cloud Computing at Populated Spots

(51) Int. Cl.

G16Y 10/60 (2020.01)

A61B 5/00 (2006.01)

G08B 21/02 (2006.01)

G16H 10/65 (2018.01)

G16H 40/20 (2018.01)

G16Y 20/40 (2020.01)

A61B 5/021 (2006.01)

A61B 5/024 (2006.01)

A61B 5/11 (2006.01)

A61B 5/145 (2006.01)

(45) 15.04.2021

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(21) 2021100437

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(21) 2021100596

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(11) AU-A-2020104159

(21) 2020104159 (22) 17.12.2020

(54) ARTIFICIAL INTELLIGENCE BASED SMART DETECTION OF LUNG DISEASE FROM CHEST X-RAY

(51) Int. Cl.

G06N 3/08 (2006.01)

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(72) Panigrahy, Asisa Kumar; D., Sivakumar R.; Prakash, Matta Durga; Jain, Shafali; Reddy, Y.Dastagiri; Dahiya, Aman; Manavalan, Gobinath; Kumar, Manish; Reddy, K.Bhaskar; Karthikeyan, R.

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(21) 2021100064

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(11) AU-A-2021100154

(21) 2021100154 (22) 12.01.2021

(54) Automated location identification system using text and image data

(51) Int. Cl.

G06K 9/32 (2006.01)

G06K 9/00 (2006.01)

G06K 9/34 (2006.01)

G06T 5/40 (2006.01)

G06T 5/50 (2006.01)

G06T 7/168 (2017.01)

G06T 7/194 (2017.01)

(45) 15.04.2021

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(74) PIYUSH KUMAR PAREEK

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(21) 202104412

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(21) 2021100325

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(71) Patchikolla, S.; Muppalaneni, N.B.;
Jagadesh, B.; Akula, C.S.; Raja, D.R.K.
(11) AU-A-2021100484
(21) 2021100484 (22) 25.01.2021
(54) Rapid plastic detection in sea shore using
Convolutional Neural Networks in
Autonomous cleaning vehicle
(51) Int. Cl.
G06N 20/00 (2019.01)
G06N 3/02 (2006.01)
B63B 59/08 (2006.01)
B63G 8/00 (2006.01)
G05D 1/02 (2020.01)
(45) 15.04.2021
(72) Patchikolla, Satheesh; Muppalaneni,
Naresh Babu; Jagadesh, B.N.; Akula,
Chandra Sekhar; Raja, D R Kumar
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(21) 2021100430

Pattanaik, C.R. see Vangeti, M.
(21) 2021100143

(71) Patterson, S.
(11) AU-A-2020104080
(21) 2020104080 (22) 02.03.2021
(54) FOCUSSED HIGH OUTPUT UVC IR-
RADIATION CARTRIDGE
(51) Int. Cl.
F21V 3/04 (2018.01)
A61L 2/10 (2006.01)
F21V 3/06 (2018.01)
F21V 3/10 (2018.01)
F21V 7/04 (2006.01)
G02B 1/02 (2006.01)
G02B 5/08 (2006.01)

(45) 15.04.2021
(72) Patterson, Shan Gregory
(74) Shan Gregory Patterson

Payal, A. see Jangra, S.
(21) 2021100309

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A.
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(51) Int. Cl.
B65G 65/23 (2006.01)
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bian, W.; Chakrabarti, T.; Swamy,
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N.U.R.; Jumani, A.K.; Jaglan, V.; Fathi-
mareddy, F.D.T.; Chakrabarti, P.
(11) AU-A-2021100301
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(54) A CLOSED LOOP SERPENTINE
CRAWLING TECHNIQUE FOR TWO
ANCHOR PERISTALTIC MOBILE
SOFT ROBOT
(51) Int. Cl.
B62D 57/02 (2006.01)
(45) 15.04.2021
(72) Pittala, Suresh Kumar; Premkumar,
M.; Chembian, W. T.; Chakrabarti, Tu-
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Naveed Ur Rehman; Jumani, Awais
Khan; Jaglan, Vivek; Fathimareddy, Fr.
Dr. Thumma; Chakrabarti, Prasun
(74) Patentable

Prabakaran, N. see Anitha, A.
(21) 2021100440

Pradhan, R. see Majhi, S.K.
(21) 2021100648

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(21) 2020104159

(71) PRAKASH, V.R.; GEO, V.B.; THENKU-
MARI, K.; SATHISH, E.; SHEKHAR,
H.; MURUGESAN, G.; M, M.; V, K.;
KUDITHI, T.; N, K.
(11) AU-A-2021100597
(21) 2021100597 (22) 31.01.2021
(54) Employment and Skill Gap Identification
Technique using Machine Learning for
ITES Sector
(51) Int. Cl.
G06Q 10/10 (2012.01)
G06F 16/30 (2019.01)
G06F 40/20 (2020.01)
G06N 5/02 (2006.01)
G06Q 10/06 (2012.01)
(45) 15.04.2021
(72) PRAKASH, V. R.; GEO, V. BESLIN;
THENKUMARI, K.; SATHISH, E.;
SHEKHAR, HIMANSHU; MURUGES-
AN, G.; M., MAHESWARI; V., KIRUTHI-
KA; KUDITHI, THIRUMALESU; N.,
KARTHIK
(74) Patentable

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Singh, S.; Singh, A.; Kumar, D.; Singh,
T.; Kumar, A.; Sarkar, B.K.
(11) AU-A-2021100430
(21) 2021100430 (22) 23.01.2021
(54) Blockchain: Health Care Information
Exchange using Blockchain- Based
Technology
(51) Int. Cl.
G16H 10/60 (2018.01)
G06F 21/62 (2013.01)
G16H 80/00 (2018.01)
H04L 9/32 (2006.01)
(45) 15.04.2021
(72) Prakash Shukla, Anand; Sharma,
Sanjiv; Kumar Yadav, Pramod; Pat-
rik, Anubhav; Rastogi, Km Vaishali;
Singh, Satyendr; Singh, Amar; Kumar,
Dhaneshwar; Singh, Taresh; Kumar,
Ajay; Sarkar, B. K.
(74) Anand Prakash Shukla

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(21) 2021100049

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(21) 2021100287

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(21) 2021100279

Praveenkumar, S. see Venkateswarlu, Y.
(21) 2021100342

Premkumar, M. see Pittala, S.K.
(21) 2021100301

(71) Priyadarshi, N.; Bhoi, A.K.; Mallick,
P.K.; Panda, M.R.; Nayak, S.R.; E,

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(21) 2021100437 **(22)** 23.01.2021
(54) MACHINE LEARNING BASED SMART WATER PURIFIER AND DISPENSER
(51) Int. Cl.
G06K 9/00 (2006.01)
B67D 1/00 (2006.01)
C02F 1/00 (2006.01)
G05B 19/414 (2006.01)
G06N 20/00 (2019.01)
G06T 7/60 (2017.01)
(45) 15.04.2021
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(74) Neeraj Priyadarshi

Professor, B.S.B. see Atyam, N.R.

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(71) Pundir, A.
(11) AU-A-2021100244
(21) 2021100244 **(22)** 15.01.2021
(54) A Dynamic Built in Self-Test and Repair for NVRAM
(51) Int. Cl.
G11C 29/04 (2006.01)
G06F 11/16 (2006.01)
(45) 15.04.2021
(72) Pundir, Aditya Kumar Singh; Singh, Pallavi; Kalam, Akhtar
(74) Aditya Kumar Singh Pundir

Purushottam Pawar, ..V. see Chunilal More, K.

(21) 2021100090

Purushottam Pawar, V. see M, R.

(21) 2021100358

(71) Qingdao Agricultural University
(11) AU-A-2021100255
(21) 2021100255 **(22)** 15.01.2021
(54) PHARMACEUTICAL COMPOSITION FOR PREVENTING AND CONTROLLING CHICKEN COCCIDIOSIS AND APPLICATIONS THEREOF
(51) Int. Cl.
A61K 35/747 (2015.01)
A23K 10/16 (2016.01)
A23K 50/75 (2016.01)
A61K 31/216 (2006.01)
A61P 33/02 (2006.01)
A61K 35/00 (2006.01)
(45) 15.04.2021
(72) Liu, Huawei; Li, Xuemin; Zhao, Jinshan; Lv, Xiaoguo
(74) Remarkable IP

(71) Qingdao Agricultural University
(11) AU-A-2021100319
(21) 2021100319 **(22)** 19.01.2021
(54) DEVICE FOR SEPARATING FOREIGN MATTER FROM PEANUT PODS
(51) Int. Cl.
B07B 4/02 (2006.01)
B07B 1/40 (2006.01)
B07B 4/08 (2006.01)
(45) 15.04.2021
(72) Guan, Hongmin; Wang, Dongwei; Shang, Shuqi
(74) Madderns Pty Ltd

(71) Qingdao Agricultural University
(11) AU-A-2021100363
(21) 2021100363 **(22)** 20.01.2021
(54) An automatic sorting, clip delivering and seedling clamping device for multi-channel grafting clamp used in vegetable grafting machine
(51) Int. Cl.
A01G 2/32 (2018.01)
A01G 2/35 (2018.01)
A01G 2/38 (2018.01)
(45) 15.04.2021
(72) Wang, Jiasheng; Hui, Ni
(74) Alder IP Pty Ltd

(71) Qingdao Agricultural University
(11) AU-A-2021100436
(21) 2021100436 **(22)** 23.01.2021
(54) Soil Excavating Device Adopting Ultrasonic Vibration
(51) Int. Cl.
A01B 15/18 (2006.01)
A01B 13/08 (2006.01)
B06B 1/02 (2006.01)
E02F 3/815 (2006.01)
E02F 5/32 (2006.01)
E02F 9/28 (2006.01)
(45) 15.04.2021
(72) Wang, Jiasheng; Wang, Dongwei
(74) Alder IP Pty Ltd

(71) Qingdao Agricultural University
(11) AU-A-2021100472
(21) 2021100472 **(22)** 25.01.2021
(54) MANUFACTURING METHOD OF SPACE CULTURE BOX FOR PLANT CULTIVATION
(51) Int. Cl.
A01G 9/16 (2006.01)
A01G 9/24 (2006.01)
(31) 202010209255.4 **(32)** 23.03.20 **(33)** CN
(45) 15.04.2021
(72) LI, Xueyun; ZHANG, Cuiping
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Qingdao Agricultural University
(11) AU-A-2021100493
(21) 2021100493 **(22)** 26.01.2021
(54) An Intelligent Agricultural Irrigation Device
(51) Int. Cl.
A01G 25/16 (2006.01)

G05B 19/18 (2006.01)
G05B 19/418 (2006.01)
G05D 7/06 (2006.01)
G05D 9/12 (2006.01)
G05B 15/02 (2006.01)
H04W 4/70 (2018.01)
(45) 15.04.2021
(72) Zhao, Lei
(74) Remarkable IP

(71) Qingdao Agricultural University
(11) AU-A-2021100494
(21) 2021100494 **(22)** 26.01.2021
(54) An Intelligent Agriculture Monitoring and Management System
(51) Int. Cl.
G06Q 50/02 (2012.01)
G05B 13/04 (2006.01)
G05B 23/02 (2006.01)
G16Y 40/10 (2020.01)
G16Y 40/20 (2020.01)
G16Y 40/35 (2020.01)
(45) 15.04.2021
(72) Zhao, Lei
(74) Remarkable IP

(71) Qingdao Agricultural University
(11) AU-A-2021100561
(21) 2021100561 **(22)** 28.01.2021
(54) Portable forestry seed collection tool
(51) Int. Cl.
A01D 45/30 (2006.01)
(31) 2021200738232 **(32)** 12.01.21 **(33)** CN
(45) 15.04.2021
(72) Ma, Longbo
(74) PATENTS AU PTY LTD

(71) Qingdao Agricultural University
(11) AU-A-2021100562
(21) 2021100562 **(22)** 28.01.2021
(54) Screening device for grading and filtering forestry seeds
(51) Int. Cl.
B07B 1/34 (2006.01)
B07B 1/42 (2006.01)
B07C 5/04 (2006.01)
(31) 2021200717310 **(32)** 12.01.21 **(33)** CN
(45) 15.04.2021
(72) Ma, Longbo
(74) PATENTS AU PTY LTD

(71) QINGDAO AGRICULTURAL UNIVERSITY
(11) AU-A-2021100515
(21) 2021100515 **(22)** 27.01.2021
(54) BREVIBACILLUS AGRICULTURAL DR2-1 AND APPLICATIONS THEREOF
(51) Int. Cl.
C12R 1/08 (2006.01)
A01N 63/20 (2020.01)
A01P 5/00 (2006.01)
A01P 21/00 (2006.01)
(31) 202011444098.1 **(32)** 08.12.20 **(33)** CN
(45) 15.04.2021
(72) SHI, Qianqian; JIANG, Hao; HUANG, Kaiwei
(74) Lawsci LIANG

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- (71) Qingdao University of Technology
 (11) AU-A-2021100542
 (21) 2021100542 (22) 28.01.2021
 (54) FACE RECOGNITION METHOD COMBINED WITH BIM
 (51) Int. Cl.
G06K 9/00 (2006.01)
G06F 16/29 (2019.01)
G06Q 50/16 (2012.01)
G06Q 50/26 (2012.01)
 (45) 15.04.2021
 (72) Liu, Wenfeng; Wang, Zhaomeng
 (74) Madderns Pty Ltd
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- R, C. see PAREEK, P.K.**
 (21) 2021100154
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- R, S. see P, P.**
 (21) 2021100169
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- R, A. see Mallick, P.**
 (21) 2021100300
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- R, S. see Javali, A.**
 (21) 2021100303
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- R, R. see Arya, S.**
 (21) 2021100346
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- R, S. see S, K.**
 (21) 2021100434
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- R, R.S. see Atyam, N.R.**
 (21) 2021100538
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- R, S. see V, M.**
 (21) 2021100570
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- R., A. see Priyadarshi, N.**
 (21) 2021100437
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- R.ELANGO see R.PARTHASARATHI**
 (21) 2021100276
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- R.KARTHIKA DEVI see HUMCEN CO**
 (21) 2021100210
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- (71) R.PARTHASARATHI; S.NALINI; R.ELANGO; P.SIVASAKTHIVELAN; J.SRIMAN NARAYANAN; M.RAJKUMAR; B.KARTHIKEYAN; T.SELVAMUTHUKUMARAN; K.ARIVUKKARASU
 (11) AU-A-2021100276
 (21) 2021100276 (22) 16.01.2021
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- (54) LOW DENSITY POLYETHYLENE(LDPE) DEGRADATION PROCESS
 (51) Int. Cl.
C08J 11/10 (2006.01)
C12N 1/26 (2006.01)
 (45) 15.04.2021
 (72) R. PARTHASARATHI; S. NALINI; R. ELANGO; P. SIVASAKTHIVELAN; J. SRIMAN NARAYANAN; M. RAJKUMAR; B. KARTHIKEYAN; T. SELVAMUTHUKUMARAN; K. ARIVUKKARASU
 (74) HUMCEN
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- Rahul, S.S. see Marriwala, N.**
 (21) 2021100311
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- Raj, B. see Chunilal More, K.**
 (21) 2021100090
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- Raj, A.S. see Shakkeera, L.**
 (21) 2021100235
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- Raj, B. see M, R.**
 (21) 2021100358
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- Raja, D.R.K. see Patchikolla, S.**
 (21) 2021100484
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- Rajadurai, P. see Roseline, S.A.**
 (21) 2021100392
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- (71) RAJU BENDI, R.; MALLA, R.; RAMADEVI, D.; KONNI, M.; BAVISETTI, L.; DUVVURI, S.; DASARI, V.; KUMAR KARNENA, M.; GOUTHAMSRI, S.; BASAVAIHAH, K.
 (11) AU-A-2021100215
 (21) 2021100215 (22) 13.01.2021
 (54) Kitchen Waste Convert into an Organic Material Device
 (51) Int. Cl.
C05F 17/90 (2020.01)
C05F 3/00 (2006.01)
C05F 3/04 (2006.01)
C05F 3/06 (2006.01)
C05F 17/05 (2020.01)
C05F 17/60 (2020.01)
E03D 5/012 (2006.01)
E03F 1/00 (2006.01)
E03F 11/00 (2006.01)
B01F 7/02 (2006.01)
 (45) 15.04.2021
 (72) RAJU BENDI, RAMA; MALLA, RAMAN-AIAH; RAMADEVI, DHARMASO-TH; KONNI, MADHAVI; BAVISETTI, LAKSHMI; DUVVURI, SURYAKALA; DASARI, VASUNDHARA; KUMAR KARNENA, MANOJ; GOUTHAMSRI, SATTARU; BASAVAIHAH, KELOTH
 (74) RAMA RAJU BENDI
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- RAMADEVI, D. see RAJU BENDI, R.**
 (21) 2021100215
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- Ramana, T.V. see Vangeti, M.**
 (21) 2021100143
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- Ramesh, D. see Trivedi, M.C.**
 (21) 2021100118
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- Rana, R.S. see Vangeti, M.**
 (21) 2021100143
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- Rao, B. see Arya, S.**
 (21) 2021100346
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- Rao Bayarapu, P. see Chunilal More, K.**
 (21) 2021100090
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- Rastogi, K.V. see Prakash Shukla, A.**
 (21) 2021100430
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- RATH, P.S. see Panda, S.**
 (21) 2021100341
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- RATHORE, S. see Research Scholar, P.B.**
 (21) 2021100315
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- Ravikumar, D. see Arya, S.**
 (21) 2021100346
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- Reddy, Y. see Panigrahy, A.**
 (21) 2020104159
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- Reddy, K. see Panigrahy, A.**
 (21) 2020104159
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- Rehman, T.B. see Atyam, N.R.**
 (21) 2021100538
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- (71) Research Insitute of Industrial Technology of AHUT at XuanCheng Co., Ltd.
 (11) AU-A-2021100339
 (21) 2021100339 (22) 19.01.2021
 (54) A Method For Preparing Organic-Inorganic Compound Fertilizer By Utilizing Kitchen Waste
 (51) Int. Cl.
C05F 9/00 (2006.01)
C05B 17/00 (2006.01)
C05F 17/10 (2020.01)
C05F 17/20 (2020.01)
C05F 17/60 (2020.01)
C05G 5/12 (2020.01)
 (45) 15.04.2021
 (72) WANG, Zhaoran; LI, Canhua; ZHANG, Yongzhu; LIANG, Qian; ZHANG, Yunyun; CHEN, Kunxian; FENG, Shanshan;

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(74) WRAYS PTY LTD

(71) Research Scholar, P.B.; KHAN, M.R.; RATHORE, S.; SHARMA, N.K.

(11) AU-A-2021100315

(21) 2021100315 (22) 19.01.2021

(54) CORDIC-BASED QR DECOMPOSITION FOR MIMO

(51) Int. Cl.

H04B 7/06 (2006.01)

G06F 7/48 (2006.01)

G06F 17/16 (2006.01)

H04L 25/02 (2006.01)

H04B 7/0413 (2017.01)

(45) 15.04.2021

(72) Research Scholar, PREESAT BISWAS; KHAN, MOHAMMAD RAFIQUE; RATHORE, SHANTI; SHARMA, NITESH KUMAR

(74) ARUN SUNDARAM

Revathy, J. see Vijayan, D.

(21) 2020104412

Rohini, G. see Marriwala, N.

(21) 2021100311

Rohit Shende, D. see Lakhekar, G.V.

(21) 2021100238

(71) Roomtmove Pty Ltd; Austral Plywoods Pty Ltd

(11) AU-A-2016102457

(21) 2016102457 (22) 19.01.2016

(54) ATTACHMENT ARRANGEMENT

(51) Int. Cl.

E04F 13/08 (2006.01)

E04B 9/24 (2006.01)

(31) 2015900143 (32) 19.01.15 (33) AU

(45) 15.04.2021

(72) Fawkes, Brian Ronald

(74) Lord & Company

Rose, A.L. see Vijayan, D.

(21) 2020104412

(71) Roseline, S.A.; Geetha, S.; Vicky Phamila, Y.A.; Rajadurai, P.; Sasikala, S.

(11) AU-A-2021100392

(21) 2021100392 (22) 22.01.2021

(54) A METHOD FOR MALWARE DETECTION AND CLASSIFICATION USING MULTI-LEVEL RESNET PARADIGM ON PE BINARY IMAGES

(51) Int. Cl.

G06F 21/56 (2013.01)

G06N 3/04 (2006.01)

G06N 3/08 (2006.01)

G06N 7/00 (2006.01)

G06N 20/00 (2019.01)

G06N 99/00 (2019.01)

(45) 15.04.2021

(72) Roseline, S. Abijah; Geetha, S.; Vicky Phamila, Y. Asnath; Rajadurai, Priscilla; Sasikala, S.

(74) S. Abijah Roseline

R S, V. see PAREEK, P.K.

(21) 2021100154

S, J.R. see P, P.

(21) 2021100169

S, S.K. see Mallick, P.

(21) 2021100300

(71) S, K.; M, S.; R, S.; A, A.

(11) AU-A-2021100434

(21) 2021100434 (22) 23.01.2021

(54) A SYSTEM AND METHOD FOR PREDICTING BIPOLAR DISORDER AND SCHIZOPHRENIA BASED ON NON-OVERLAPPING GENETIC PHENOTYPES

(51) Int. Cl.

C12Q 1/6876 (2018.01)

G06F 17/18 (2006.01)

G06N 3/02 (2006.01)

G06N 20/10 (2019.01)

G06N 20/20 (2019.01)

G16B 45/00 (2019.01)

G16H 50/20 (2018.01)

C12Q 1/6809 (2018.01)

(45) 15.04.2021

(72) S., Karthik; M., Sudha; R., Sivashankari; A., Anitha

(74) Karthik S

S, P. see Anitha, A.

(21) 2021100440

S, R. see Anitha, A.

(21) 2021100440

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(21) 2021100440

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(21) 2021100570

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(21) 2021100276

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(21) 2021100210

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(21) 2021100310

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(21) 2021100049

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(21) 2021100287

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(21) 2021100346

Saikumar, P.J. see Marriwala, N.

(21) 2021100311

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(21) 2020104412

Sarangdevot, S.S. see Trivedi, M.C.

(21) 2021100118

Saravanan, S. see Chunilal More, K.

(21) 2021100090

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(21) 2021100325

Sarkar, B.K. see M, R.

(21) 2021100358

Sarkar, B.K. see Prakash Shukla, A.

(21) 2021100430

Sasikala, K. see Devaneyan, S.

(21) 2021100287

Sasikala, S. see Roseline, S.A.

(21) 2021100392

SATHISH, E. see PRAKASH, V.R.

(21) 2021100597

Satpathy, G. see Elayaperumal, M.

(21) 2021100312

Satti, T. see Ajay -

(21) 2021100325

Satyannarayana, B. see Wanjari, A.K.

(21) 2021100302

Saurabh Uttam, K. see Ishwar Devidas, P.

(21) 2021100240

Saxena, K. see Singh, H.

(21) 2021100429

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Saxena, A. see Agrawal, N.
(21) 2021100502

Sayiram, G. see Ajay -
(21) 2021100325

(71) Schneider Electric (Australia) Pty Limited

(11) AU-A-2021100468

(21) 2021100468 (22) 25.01.2021

(54) IMPROVEMENTS IN WALL MOUNTED ELECTRICAL OUTLETS AND SWITCH PLATES

(51) Int. Cl.

H01H 9/02 (2006.01)

H01H 1/06 (2006.01)

(45) 15.04.2021

(62) 2020200096

(72) Caillebotte, Marie; Gransbury, Kenneth Basil

(74) Madderns Pty Ltd

(71) Schneider Electric (Australia) Pty Limited

(11) AU-A-2021100471

(21) 2021100471 (22) 25.01.2021

(54) CONNECTORS FOR ELECTRICAL SYSTEM

(51) Int. Cl.

H01R 13/502 (2006.01)

H01R 13/70 (2006.01)

(45) 15.04.2021

(62) 2016235020

(72) Lifran, Xavier

(74) Madderns Pty Ltd

(71) SDIP Holdings Pty Ltd

(11) AU-A-2021100635

(21) 2021100635 (22) 02.02.2021

(54) IDENTIFICATION OF RISK OF DEGENERATIVE NEUROLOGICAL CONDITIONS VIA BLEPHAROMETRIC DATA COLLECTION

(51) Int. Cl.

A61B 5/1171 (2016.01)

A61B 3/113 (2006.01)

A61B 5/11 (2006.01)

A61B 5/16 (2006.01)

A61B 5/18 (2006.01)

A61M 21/00 (2006.01)

G16H 50/20 (2018.01)

(45) 15.04.2021

(62) PCT/AU2019/051157

(72) SCOTT, COLES; TREFOR, MORGAN

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) SDIP Holdings Pty Ltd

(11) AU-A-2021100637

(21) 2021100637 (22) 02.02.2021

(54) BLEPHAROMETRIC MONITORING SYSTEM FOR A VEHICLE WHICH PROVIDES USER-CUSTOMISED ANALYSIS

(51) Int. Cl.

A61B 5/18 (2006.01)

A61B 3/113 (2006.01)

A61B 5/11 (2006.01)

A61B 5/16 (2006.01)

A61M 21/00 (2006.01)

G06K 9/62 (2006.01)

G16H 50/20 (2018.01)

(45) 15.04.2021

(62) PCT/AU2019/051157

(72) Coles, Scott; Morgan, Trefor

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) SDIP Holdings Pty Ltd

(11) AU-A-2021100641

(21) 2021100641 (22) 02.02.2021

(54) EXTENDED PERIOD BLEPHAROMETRIC MONITORING ACROSS MULTIPLE DATA COLLECTION PLATFORMS

(51) Int. Cl.

A61B 5/18 (2006.01)

A61B 3/113 (2006.01)

A61B 5/11 (2006.01)

A61B 5/1171 (2016.01)

A61B 5/16 (2006.01)

A61M 21/00 (2006.01)

G06K 9/78 (2006.01)

G16H 50/20 (2018.01)

(45) 15.04.2021

(62) PCT/AU2019/051157

(72) Coles, Scott; Morgan, Trefor

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) SDIP Holdings Pty Ltd

(11) AU-A-2021100643

(21) 2021100643 (22) 02.02.2021

(54) AI-BASED TECHNOLOGY CONFIGURED TO ENABLE PHYSIOLOGICAL EVENT PREDICTION BASED ON BLEPHAROMETRIC DATA

(51) Int. Cl.

A61B 5/11 (2006.01)

A61B 3/113 (2006.01)

A61B 5/16 (2006.01)

A61B 5/18 (2006.01)

A61B 5/318 (2021.01)

A61B 5/369 (2021.01)

A61M 21/00 (2006.01)

G06K 9/46 (2006.01)

G06N 5/00 (2006.01)

G16H 50/20 (2018.01)

(45) 15.04.2021

(62) PCT/AU2019/051159

(72) Coles, Scott; Morgan, Trefor

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

Seenivasan, D. see Arjunan, T.

(21) 2021100087

Sekar, V. see Devaneyan, S.

(21) 2021100287

Selvi, K.K. see M, R.

(21) 2021100358

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(21) 2021100341

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(21) 2021100440

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(21) 2021100341

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(21) 2021100302

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(21) 2021100154

(71) Shakkeera, L.; J, K.; Dhindsa, K.S.;

Vali, Y.S.; Sonya, A.; Viswanathan,

S.K.; Raj, A.S.; P, S.K.; M, M.V.;

Kamalakkannan, S.

(11) AU-A-2021100235

(21) 2021100235 (22) 14.01.2021

(54) PATIENT SAFETY AND PRIVACY-PRESERVING IN E-HEALTH USING INTERNET OF THINGS

(51) Int. Cl.

G16H 10/60 (2018.01)

A61B 5/00 (2006.01)

G16Y 30/10 (2020.01)

A61B 5/021 (2006.01)

A61B 5/1455 (2006.01)

H04L 9/00 (2006.01)

H04L 9/08 (2006.01)

(45) 15.04.2021

(72) Shakkeera, L.; J., Krishnadas; Dhindsa,

Kanwalvir Singh; Vali, Y. Sharmasth;

Sonya, A.; Viswanathan, Santosh

Karthikeyan; Raj, A. Sundar; P., Swaraj

K.; M., Manju V.; Kamalakkannan, S.

(74) Senan IP

Shandong Agriculture and Engineering

University see Vegetables and Flowers In-

stitute of Shandong Academy of Agricul-

tural Science

(21) 2021100487

(71) Shandong Bote Bearing Co., Ltd.

(11) AU-A-2021100609

(21) 2021100609 (22) 01.02.2021

(54) BALL RETAINER AND ANGULAR CONTACT BALL BEARING

(51) Int. Cl.

F16C 19/18 (2006.01)

F16C 19/16 (2006.01)

F16C 33/37 (2006.01)

(45) 15.04.2021

(72) ZHANG, Shuyu; ZHAO, Hongbao;

YANG, Haibo; LI, Mingrui; WANG,

Zhengmin; LIU, Xingmin

(74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2021100610
 (21) 2021100610 (22) 01.02.2021
 (54) ROLLING BEARING
 (51) Int. Cl.
F16C 33/78 (2006.01)
 (45) 15.04.2021
 (72) ZHANG, Shuyu; ZHAO, Hongbao;
 YANG, Haibo; MOU, Jingrui; ZHAO,
 Yong; ZHANG, Taoshan
 (74) Davies Collison Cave Pty Ltd
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- (71) Shandong Hengjing New Material Co.,
 Ltd.
 (11) AU-A-2021100556
 (21) 2021100556 (22) 28.01.2021
 (54) High-purity alumina ceramic shaft and
 preparation method thereof
 (51) Int. Cl.
C04B 35/10 (2006.01)
B24B 1/00 (2006.01)
C04B 35/622 (2006.01)
C04B 35/626 (2006.01)
C04B 35/64 (2006.01)
F16C 3/02 (2006.01)
 (31) 202010790904.4 (32) 07.08.20 (33) CN
 (45) 15.04.2021
 (72) TIAN, Yuwei
 (74) Armour IP Pty Ltd
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- (71) Shandong Institute of Agricultural Sus-
 tainable Development
 (11) AU-A-2021100331
 (21) 2021100331 (22) 19.01.2021
 (54) BALCONY PLANTING PLATFORM
 (51) Int. Cl.
A47G 7/04 (2006.01)
A01G 27/00 (2006.01)
A47B 45/00 (2006.01)
A47B 49/00 (2006.01)
 (45) 15.04.2021
 (72) YAO, Huimin; ZHAO, Xu; WANG, Yue;
 CHEN, Shujun; LIU, Tao
 (74) O'Sullivan's Patent and Trade Mark At-
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- (71) Shandong Institute of Agricultural Sus-
 tainable Development
 (11) AU-A-2021100333
 (21) 2021100333 (22) 19.01.2021
 (54) SEEDLING CUP PLANTING TOOL
 (51) Int. Cl.
A01C 5/02 (2006.01)
 (45) 15.04.2021
 (72) LIU, Tao; WANG, Yue; YAO, Huimin;
 ZHAO, Xu
 (74) O'Sullivan's Patent and Trade Mark At-
 torneys Pty Ltd
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- (71) Shandong Institute of Pomology
 (11) AU-A-2021100378
 (21) 2021100378 (22) 21.01.2021
 (54) A method of reducing density of over-
 crowded orchard
 (51) Int. Cl.
A01G 23/04 (2006.01)
A01G 7/06 (2006.01)

- (45) 15.04.2021
 (72) Xue, Xiaomin; Han, Xueping; Wang,
 Guiping; Wang, Laiping; Wang, Jin-
 zheng
 (74) Alder IP Pty Ltd
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- (71) Shandong Institute of Pomology
 (11) AU-A-2021100399
 (21) 2021100399 (22) 22.01.2021
 (54) Light and Simplified Renovation and
 Establishment Methods of Apple Orch-
 ards
 (51) Int. Cl.
A01B 79/02 (2006.01)
A01G 17/00 (2006.01)
A01G 24/20 (2018.01)
A01G 24/46 (2018.01)
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 (54) TRIPLE QUANTITATIVE FLUORES-
 CENT PCR METHOD FOR DETECT-
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 ELLA PNEUMONIAE, AND ACINETO-
 BACTER
 (51) Int. Cl.
C12Q 1/686 (2018.01)
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 (51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/40 (2006.01)
B08B 1/00 (2006.01)
 (31) 202010435828.5 (32) 21.05.20 (33) CN
 (45) 15.04.2021
 (72) Zhang, Yu; Huang, Junge; Lu, Sitong;
 Liu, Yu; Lu, Ningqi
 (74) In-Legal Limited
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- (71) Shanghai Jiao Tong University
 (11) AU-A-2021100573
 (21) 2021100573 (22) 29.01.2021
 (54) Method for Detecting Organic Volatile
 Compounds Using Zirconium-based
 Sensor
 (51) Int. Cl.
G01N 27/407 (2006.01)
G01N 27/30 (2006.01)

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 (54) RECOMBINANT LOW-TEMPERAT-
 URE CATALASE, RECOMBINANT
 VECTOR AND ENGINEERED STRAIN
 THEREOF
 (51) Int. Cl.
C12N 9/12 (2006.01)
C12N 15/53 (2006.01)
C12N 15/70 (2006.01)
 (31) 202010264323.7 (32) 07.04.20 (33) CN
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 (54) SHEWANELLA PIEZOTOLERANS
 WP3 MUTANT STRAIN FOR HIGH
 PRODUCTION OF LOW-TEMPERAT-
 URE CATALASE, CONSTRUCTION
 METHOD AND USE THEREOF
 (51) Int. Cl.
C12N 1/21 (2006.01)
C12N 9/12 (2006.01)
C12N 15/53 (2006.01)
C12N 15/74 (2006.01)
C12P 21/02 (2006.01)
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A01K 61/85 (2017.01)
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 (54) A MULTI-TASK AUTOMATIC ANALYS-
 IS METHOD FOR TONGUE MANI-
 FESTATION
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G06K 9/62 (2006.01)
A61B 5/00 (2006.01)
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G06T 7/00 (2017.01)

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 (54) ODOUR ANALYSIS METHOD AND DEVICE
 (51) Int. Cl.
 G06N 3/02 (2006.01)
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 (54) A SYSTEM AND A PROCESS FOR PRODUCING ECO-FRIENDLY MATERIAL FOR CONSTRUCTION INDUSTRY AND SMART ROOFING
 (51) Int. Cl.
 C04B 33/132 (2006.01)
 E04C 1/00 (2006.01)
 E04C 2/02 (2006.01)
 B09B 3/00 (2006.01)
 E04B 1/74 (2006.01)
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 (51) Int. Cl.
 G01N 21/3577 (2014.01)
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 (21) 2021100294 (22) 18.01.2021
 (54) Zero Carbon Pod - a device to capture ambient carbon dioxide and a process of issuing carbon credits based on captured carbon dioxide captured
 The current invention describes a process of capturing ambient carbon di-

oxide via the device Zero Carbon Pod and providing carbon credits to users based on the amount of carbon dioxide captured via the Zero Carbon app and website. Accumulated carbon credits can be used in the market place or on social media networks to redeem offers and discounts (See Figure 1).

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 G06Q 30/02 (2012.01)
 B01D 53/14 (2006.01)
 B01D 53/18 (2006.01)
 B01D 53/62 (2006.01)
 G06Q 40/04 (2012.01)
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 A61B 10/00 (2006.01)
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 (74) Saurabh Kumar Jain Sonu

SHARMA, N.K. see Research Scholar, P.B.
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Shashidhar, C. see PAREEK, P.K.
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 (54) Improvement in Hinges
 (51) Int. Cl.
 E05D 5/12 (2006.01)
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 (54) HEATING MECHANISM AND FRUIT DRYER
 (51) Int. Cl.
 F26B 21/02 (2006.01)
 A23B 7/02 (2006.01)
 F26B 9/06 (2006.01)
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 (11) AU-A-2021100035
 (21) 2021100035 (22) 05.01.2021
 (54) FRUIT DRYING MACHINE WITH AIR GUIDE TRAY
 (51) Int. Cl.
 F26B 21/02 (2006.01)
 A23B 7/02 (2006.01)
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 (54) FRUIT DRYING MACHINE WITH SPOILER FAN
 (51) Int. Cl.
 F26B 21/02 (2006.01)
 A23B 7/02 (2006.01)
 F26B 9/06 (2006.01)
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F24F 6/16 (2006.01)
F24F 6/14 (2006.01)
F24F 6/00 (2006.01)
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(54) TELESCOPIC MIST OUTLET STRUCTURE AND HUMIDIFIER
(51) Int. Cl.
F24F 6/14 (2006.01)
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(54) FLEXIBLE WATER TANK AND HUMIDIFIER
(51) Int. Cl.
F24F 6/12 (2006.01)
F24F 6/00 (2006.01)
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(11) AU-A-2021100078
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(54) FRUIT DRYER WITH AN AUTOMATIC SPOILER WHEEL
(51) Int. Cl.
F26B 21/02 (2006.01)
A23B 7/02 (2006.01)
F04D 17/06 (2006.01)
F04D 17/16 (2006.01)
F04D 29/26 (2006.01)
F04D 29/28 (2006.01)
F26B 9/06 (2006.01)
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(54) AIR SUPPLY STRUCTURE FOR FRUIT DRYER
(51) Int. Cl.
F26B 21/02 (2006.01)
A23B 7/02 (2006.01)
F04D 17/06 (2006.01)
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F04D 29/26 (2006.01)
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(54) AIR PURIFIER
(51) Int. Cl.
B01D 46/10 (2006.01)
F24F 8/108 (2021.01)
F24F 13/28 (2006.01)
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(51) Int. Cl.
B01D 46/10 (2006.01)
F24F 8/108 (2021.01)
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(54) DUMBBELL
(51) Int. Cl.
A63B 21/072 (2006.01)
A63B 24/00 (2006.01)
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(54) SMART DUMBBELL
(51) Int. Cl.
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(54) EXERCISE DUMBBELL
(51) Int. Cl.
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(54) WEIGHT-BEARING SANDBAG
(51) Int. Cl.
A63B 21/065 (2006.01)
A63B 21/00 (2006.01)
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(54) SANDBAG
(51) Int. Cl.
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A63B 21/065 (2006.01)
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Energy Co., Ltd.
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(21) 2020104406 (22) 31.12.2020
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(51) Int. Cl.
C05B 7/00 (2006.01)
C05C 9/00 (2006.01)
C05D 1/02 (2006.01)
C05D 9/02 (2006.01)
C05F 5/00 (2006.01)

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(54) A METHOD OF CULTIVATING RAPE-SEED FOR FEED IN SALINE-ALKALI LAND
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A01G 22/00 (2018.01)
A01G 25/02 (2006.01)
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(21) 2021100449 **(22)** 24.01.2021
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(51) Int. Cl.
C07K 14/31 (2006.01)
A61K 39/085 (2006.01)
A61K 39/09 (2006.01)
C07K 14/315 (2006.01)
C12N 15/70 (2006.01)
C12N 15/62 (2006.01)

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C12Q 1/689 (2018.01)
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C12N 15/86 (2006.01)
A61K 39/00 (2006.01)
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(54) A phage display FMD particle and its preparation method and vaccine
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C12N 15/10 (2006.01)
A61K 39/135 (2006.01)
A61P 31/14 (2006.01)
C07K 14/09 (2006.01)
C12N 7/00 (2006.01)
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G01N 33/569 (2006.01)
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(74) AJ Pietras IP Limited

(71) Shihezi University
(11) AU-A-2021100490
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(54) Rainbow Test Strip for Typing Detection of Antibody Against Brucella Melitensis and Brucella Abortus
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G01N 33/569 (2006.01)
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(71) Shihezi University
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(54) MSTN nanobody and its construction method and application
(51) Int. Cl.
C07K 16/22 (2006.01)
C07K 16/00 (2006.01)
C12N 15/10 (2006.01)
C12N 15/70 (2006.01)
C40B 40/02 (2006.01)
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G01N 33/543 (2006.01)
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(72) Chen, Chuangfu; Sheng, Jinliang; Wu, Peng; Shi, Feng; Li, Youjian; Guo, Jixing
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(21) 2021100586 **(22)** 29.01.2021
(54) A PD-1 Nanobody and Its Preparation Method and Application
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
G01N 33/563 (2006.01)
A61K 39/00 (2006.01)
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C12N 15/70 (2006.01)
C12N 15/85 (2006.01)
C40B 40/02 (2006.01)
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(72) Chen, Chuangfu; Wu, Peng; Jiao, Jiao; Wang, Yong; Wang, Zhen; Xiao, Chencheng
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(54) A CTLA-4 Nanobody and Its Preparation Method and Application
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 37/04 (2006.01)
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(45) 15.04.2021
(72) Chen, Chuangfu; Wu, Peng; Wang, Yong; Wang, Zhen; Xiao, Chencheng
(74) Alder IP Pty Ltd

Shrivastava, V.K. see Ajay -
(21) 2021100325

Shyni, G. see BALAMURUGAN, N.M.
(21) 2021100560

(71) Sichuan Agricultural University
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(21) 2021100291 **(22)** 18.01.2021
(54) A production scheduling method of MTO-MTS hybrid prefabricated building components
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G06Q 10/06 (2012.01)
G05B 19/418 (2006.01)
G06Q 10/04 (2012.01)
G06Q 10/08 (2012.01)
G06Q 50/04 (2012.01)
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(71) Sichuan Agricultural University
(11) AU-A-2021100403
(21) 2021100403 **(22)** 22.01.2021
(54) BACILLUS METHYLOTROPHICUS AND APPLICATIONS THEREOF
(51) Int. Cl.
C12N 1/20 (2006.01)

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A01N 63/22 (2020.01)
A01P 3/00 (2006.01)
C12R 1/07 (2006.01)
(31) 202011482541.4 **(32)** 16.12.20 **(33)** CN
(45) 15.04.2021
(72) Han, Shan; Li, Yanyue; Jiang, Yaorong; Yi, Jianmin; Zhu, Tianhui; Liu, Ying-gao; Li, Tao; Wang, Yulin; Chen, Xiaoping; Li, Bin; Li, Juan; Li, Shujiang; Qiao, Tianmin; Lin, Tiantian; Yang, Chunlin; Zheng, Zhenlei; Luo, Tingting; Xu, Yingluo; Xiang, Lei
(74) Madderns Pty Ltd

(71) Sichuan Agricultural University
(11) AU-A-2021100508
(21) 2021100508 **(22)** 27.01.2021
(54) A duck plague virus UL41 gene markerless deletion strain CHv-BAC-G-ΔUL41 and a construction method thereof
(51) Int. Cl.
C12N 7/00 (2006.01)
A61K 39/245 (2006.01)
C12N 15/66 (2006.01)
C12N 15/70 (2006.01)
C12N 15/85 (2006.01)
(45) 15.04.2021
(72) Wang, Mingshu; He, Tianqiong; Cheng, Anchun
(74) Alder IP Pty Ltd

(71) Sichuan University
(11) AU-A-2021100254
(21) 2021100254 **(22)** 15.01.2021
(54) A NOVEL OPTIMAL CONFIGURATION METHOD FOR HARMONIC MEASUREMENT DEVICES
(51) Int. Cl.
G01R 23/20 (2006.01)
H02M 1/12 (2006.01)
G05B 17/02 (2006.01)
G06F 30/373 (2020.01)
G06Q 50/06 (2012.01)
H02J 3/01 (2006.01)
(45) 15.04.2021
(72) Ma, Xiaoyang; Zheng, Diwen; Xu, Rui; Xiao, Xianyong
(74) Alder IP Pty Ltd

(71) Sichuan University
(11) AU-A-2021100387
(21) 2021100387 **(22)** 21.01.2021
(54) A Method for Tracing Harmonic Sources of Power Systems
(51) Int. Cl.
H02J 3/01 (2006.01)
H02J 3/00 (2006.01)
G06F 17/16 (2006.01)
H02J 13/00 (2006.01)
(45) 15.04.2021
(72) Ma, Xiaoyang; Yuan, Wei; Xu, Rui; Xiao, Xianyong; Zheng, Diwen
(74) Alder IP Pty Ltd

Singh, M. see P, P.
(21) 2021100169

Singh, P. see Nijhawan, P.
(21) 2021100427

(71) Singh, H.; Kumar, V.; Saxena, K.
(11) AU-A-2021100429
(21) 2021100429 **(22)** 22.01.2021
(54) PRINTED DOCUMENT AUTHENTICATION
(51) Int. Cl.
G09C 5/00 (2006.01)
B42D 25/305 (2014.01)
G06K 19/06 (2006.01)
H04L 9/06 (2006.01)
(45) 15.04.2021
(72) Singh, Hitesh; Kumar, Vivek; Saxena, Kumud
(74) Lexgin IP

Singh, S. see Prakash Shukla, A.
(21) 2021100430

Singh, A. see Prakash Shukla, A.
(21) 2021100430

Singh, T. see Prakash Shukla, A.
(21) 2021100430

Singh, V.K. see Agrawal, N.
(21) 2021100502

Singh, J. see Sharma, A.K.
(21) 2021100596

Singh Patel, S. see Verma, A.R.
(21) 2021100279

Singla, M.K. see Nijhawan, P.
(21) 2021100419

Sing Thakur, A. see Arjunan, T.
(21) 2021100087

Sohane, A. see Sonar, S.
(21) 2021100313

(71) Sonar, S.; Ganguli, S.; Karelia, N.; Sohane, A.; Chandra Pal, V.; Mli Gaur, A.
(11) AU-A-2021100313
(21) 2021100313 **(22)** 19.01.2021
(54) FIXED OFF TIME-BASED SWITCH MODE POWER SUPPLY DEVICE
(51) Int. Cl.
H02M 1/42 (2007.01)
H02M 1/00 (2007.01)
(45) 15.04.2021
(72) Sonar, Santosh; Ganguli, Souvik; Karelia, Nirav; Sohane, Anurag; Chandra Pal, Vipin; Mli Gaur, Anshu
(74) Santosh Sonar

Soni, M. see Verma, B.K.
(21) 2020104195

Soni, M. see Dhiman, G.
(21) 2020104348

SONI, S. see Panda, S.
(21) 2021100341

Sonya, A. see Shakkeera, L.
(21) 2021100235

(71) Soul, S.
(11) AU-A-2016102454
(21) 2016102454 **(22)** 12.08.2016
(54) BUILDING SYSTEM AND METHOD
(51) Int. Cl.
E04B 1/343 (2006.01)
E04B 1/10 (2006.01)
E04B 1/24 (2006.01)
E04B 1/26 (2006.01)
E04B 2/70 (2006.01)
E04B 7/20 (2006.01)
E04C 2/10 (2006.01)
E04C 2/34 (2006.01)
E04C 2/38 (2006.01)
E04B 5/10 (2006.01)
(31) 2015903262 **(32)** 13.08.15 **(33)** AU
(45) 15.04.2021
(72) Soul, Sergio Andrei
(74) Belyea IP

(71) South Central University for Nationalities; Zhejiang University of Technology
(11) AU-A-2021100243
(21) 2021100243 **(22)** 14.01.2021
(54) Method for Rapid Detection of Mercury Ions or Thiophanate-Methyl
(51) Int. Cl.
G01N 21/64 (2006.01)
B82Y 15/00 (2011.01)
B82Y 40/00 (2011.01)
C01B 32/15 (2017.01)
C09K 11/65 (2006.01)
(45) 15.04.2021
(72) Fu, Haiyan; Wang, Shuo; She, Yuanbin; Chen, Hengye; Deng, Gaoqiong; Liu, Tingkai; Lan, Wei
(74) Alder IP Pty Ltd

(71) South Central University for Nationalities; Zhejiang University of Technology
(11) AU-A-2021100284
(21) 2021100284 **(22)** 17.01.2021
(54) Wafer-like tetra-(4-phenyl) barium nanoporphyrin fluorescent probe and method for detecting cartap by using same
(51) Int. Cl.
C07D 487/22 (2006.01)
C09K 11/06 (2006.01)
C09K 11/55 (2006.01)
G01N 21/64 (2006.01)

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(45) 15.04.2021
 (72) Fu, Haiyan; Wei, Liuna; She, Yuanbin; Chen, Hengye; Deng, Gaoqiong; Lan, Wei
 (74) Alder IP Pty Ltd

South China Agricultural University see Institute of Animal Science, Guangdong Academy of Agricultural Sciences
 (21) 2021100251

(71) South China University of Technology; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation; GRG Banking Equipment Co.,Ltd; Shenzhen Xinyi Technology Co., Ltd
 (11) AU-A-2021100391
 (21) 2021100391 (22) 22.01.2021

(54) Natural Scene Text Recognition Method Based on Sequence Transformation Correction and Attention Mechanism
 (51) Int. Cl.

G06K 9/32 (2006.01)
 G06K 9/00 (2006.01)
 G06K 9/62 (2006.01)
 G06K 9/78 (2006.01)
 G06N 3/04 (2006.01)
 G06N 3/08 (2006.01)
 G06K 9/36 (2006.01)

(45) 15.04.2021
 (72) Jin, Lianwen; Luo, Canjie; Mao, Huiyun; Liang, Tiancai
 (74) Alder IP Pty Ltd

(71) South China University of Technology; Shenzheng YunShi Technology Co.,Ltd; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation

(11) AU-A-2021100480
 (21) 2021100480 (22) 25.01.2021
 (54) Natural Scene Text Recognition Method Based on Two-Dimensional Feature Attention Mechanism

(51) Int. Cl.
 G06K 9/32 (2006.01)
 G06K 9/62 (2006.01)

(45) 15.04.2021
 (72) Jin, Lianwen; Luo, Canjie; Gao, Xue; Mao, Huiyun; Wang, Haoyu; Wu, Min
 (74) Alder IP Pty Ltd

South China University of Technology-Zhuhai Institute of Modern Industrial Innovation see South China University of Technology
 (21) 2021100391

South China University of Technology-Zhuhai Institute of Modern Industrial Innovation see South China University of Technology
 (21) 2021100480

(71) Southwest Medical University
 (11) AU-A-2021100481
 (21) 2021100481 (22) 25.01.2021
 (54) A Negative Pressure Puncture Device with Readable Pressure

(51) Int. Cl.
 A61B 5/15 (2006.01)
 A61B 17/34 (2006.01)
 A61M 25/06 (2006.01)
 A61B 5/151 (2006.01)
 G01L 21/00 (2006.01)

(45) 15.04.2021
 (72) Fu, Yong; Liu, Hui; Liao, Bin; Yu, Fengxu; Deng, Mingbin; Zhang, Pei
 (74) Alder IP Pty Ltd

(71) SPORT2CLEAN AUSTRALIA LIMITED
 (11) AU-A-2021100598
 (21) 2021100598 (22) 31.01.2021
 (54) 425mL single use recyclable Aluminium cup

(51) Int. Cl.
 A47G 19/22 (2006.01)
 A45F 3/16 (2006.01)
 B65D 1/26 (2006.01)

(45) 15.04.2021
 (72) McCarthy, Carl
 (74) SPORT2CLEAN AUSTRALIA LIMITED

Sridhar, V. see Vangeti, M.
 (21) 2021100143

Srivastava, S. see Sharma, A.K.
 (21) 2021100596

(71) State Grid Economic and Technological Research Institute of Shanxi; North China Electric Power University

(11) AU-A-2021100369
 (21) 2021100369 (22) 20.01.2021
 (54) BIG DATA ANALYSIS AND CONTROL METHOD FOR INTEGRATED ENERGY SYSTEM BASED ON MICRO-GRID

(51) Int. Cl.
 H02J 13/00 (2006.01)
 G06F 16/00 (2019.01)
 G06F 16/21 (2019.01)
 H02J 3/06 (2006.01)
 H02J 3/28 (2006.01)
 H02J 3/46 (2006.01)

(31) 2020109708675 (32) 16.09.20 (33) CN
 (45) 15.04.2021
 (72) Wang, Yao; Tan, Zhongfu; Pu, Lei; Ju, Liwei; Wu, Jianbin; Song, Wei; Yang, Jiacheng; Yang, Shenbo; Fan, Wei; Li, Xuxia; Liu, Hongli; Wang, Jiawei
 (74) Madderns Pty Ltd

Subramanian, M. see Vangeti, M.
 (21) 2021100143

Subramanian, T.S.S. see Ajay -
 (21) 2021100325

Sudarshan Ramdas, D. see Ishwar Devidas, P.
 (21) 2021100240

(71) Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences; Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences

(11) AU-A-2021100408
 (21) 2021100408 (22) 22.01.2021
 (54) A PRECISE IDENTIFICATION METHOD OF RESISTANCE TO SUGARCANE WHITE LEAF DISEASE OF NEWLY PLANTED SUGARCANE

(51) Int. Cl.
 A01H 1/04 (2006.01)
 A01H 4/00 (2006.01)
 G01N 33/48 (2006.01)

(45) 15.04.2021
 (72) Huang, Yingkun; Cang, Xiaoyan; Lu, Wenjie; Shan, Hongli; Wang, Xiaoyan; Li, Jie; Wang, Changmi; Zhang, Rongyue; Li, Wenfeng; Yin, Jiong
 (74) Alder IP Pty Ltd

(71) Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences; Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences

(11) AU-A-2021100459
 (21) 2021100459 (22) 25.01.2021
 (54) Culture Method for Rapidly Obtaining Large Amount of Conidia of Sugarcane Pokkah Boeng Pathogen

(51) Int. Cl.
 C12N 1/14 (2006.01)

(45) 15.04.2021
 (72) Cang, Xiaoyan; Huang, Yingkun; Lu, Wenjie; Zhang, Rongyue; Wang, Xiaoyan; Shan, Hongli; Li, Jie; Wang, Changmi
 (74) Alder IP Pty Ltd

Sukanya Ashok, D. see Ishwar Devidas, P.
 (21) 2021100240

Sukhija, N. see Batra, S.
 (21) 2021100310

(71) Sunar Mahammad, F.; Viswanatham, V.M.; Gowthami, V.; Basha, M.M.; Mayuri, A.V.R.; Babu, T.S.

(11) AU-A-2021100433
 (21) 2021100433 (22) 23.01.2021
 (54) A PROCESS FOR REDUCING EXECUTION TIME FOR COMPRESSION TECHNIQUES

(51) Int. Cl.
 H03M 7/30 (2006.01)
 H03M 7/40 (2006.01)

(45) 15.04.2021
 (72) Sunar Mahammad, Farooq; Viswanatham, V. Madhu; Gowthami, V.; Basha, M.

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Mahaboob; Mayuri, A. V. R.; Babu, T. Sudhakar
(74) Farooq Sunar Mahammad

Sungheetha, A. see Atyam, N.R.
(21) 2021100538

(71) Sun Yat-Sen University
(11) AU-A-2019101780
(21) 2019101780 **(22)** 30.04.2019
(54) Use of SPHK2 inhibitor as drug for repairing bone marrow hematopoietic system injury or treating bone marrow hematopoietic dysfunction

(51) Int. Cl.
A61K 31/7088 (2006.01)
A01K 67/027 (2006.01)
A61K 31/4409 (2006.01)
A61P 7/00 (2006.01)
A61P 37/00 (2006.01)
A61P 43/00 (2006.01)
G01N 33/50 (2006.01)

(31) 201810411330.8 **(32)** 02.05.18 **(33)** CN
 201811225757.5 21.10.18 CN

(45) 15.04.2021
(72) ZHAO, Meng
(74) James & Wells Intellectual Property

(71) Sureguard Safety Australia Pty Ltd
(11) AU-A-2021100396
(21) 2021100396 **(22)** 22.01.2021
(54) Safety helmet

(51) Int. Cl.
A42B 3/16 (2006.01)
A42B 3/04 (2006.01)

(45) 15.04.2021
(62) PCT/AU2019/050785
(72) Kopp, Wayne
(74) FPA Patent Attorneys Pty Ltd

(71) Sutherland, P.; Feros, C.
(11) AU-A-2021100054

(21) 2021100054 **(22)** 06.01.2021
(54) Man portable 2 man, jerrycan and backpack water purification units. The idea is to develop and make military grade man portable declination and water purification units in the form of one and tow man lift. To develop trunk, vehicle jerrycan and backpack portable units to use in Defence and non-Defence environments, land, sea and air.

(51) Int. Cl.
C02F 1/44 (2006.01)
B01D 61/02 (2006.01)
B01D 61/08 (2006.01)
C02F 1/00 (2006.01)
C02F 9/00 (2006.01)
C02F 103/08 (2006.01)

(45) 15.04.2021
(72) Sutherland, Phillip; Feros, Charley
(74) Phillip Sutherland

Suzhou Jiaogongfang Biotechnology Co., Ltd. see Suzhou Polytechnic Institute Of Agriculture

(21) 2020104078

(71) Suzhou Polytechnic Institute Of Agriculture; EXPERIMENTAL JUNIOR MIDDLE SCHOOL OF SUZHOU HI-TECH&NEW DISTRICT; Suzhou Jiaogongfang Biotechnology Co., Ltd.

(11) AU-A-2020104078
(21) 2020104078 **(22)** 15.12.2020
(54) A NOVEL BIOLOGICAL REACTION DEVICE FOR STRAW
(51) Int. Cl.
C05F 17/95 (2020.01)
C12M 1/00 (2006.01)
C12M 1/06 (2006.01)
C12M 1/107 (2006.01)

(45) 15.04.2021
(72) Yang, Weiqiu; Yang, Yuchen; Huang, Rui; Wang, Hui; Chen, Guoyuan; Xu, Zheng; Ding, Chuang; Ji, Jinbao
(74) MOHAN MURALI KODIVEL

Swagat Ashok, G. see Ishwar Devidas, P.
(21) 2021100240

(71) Swain, A.
(11) AU-A-2021100370
(21) 2021100370 **(22)** 20.01.2021
(54) A METHOD FOR TREATMENT OF WASTEWATER FROM BEVERAGE/SOFT DRINK INDUSTRY BY MICROWAVE PHOTOLYTIC PROCESS

(51) Int. Cl.
C02F 1/72 (2006.01)
C02F 1/30 (2006.01)
C02F 1/32 (2006.01)
C02F 103/32 (2006.01)

(45) 15.04.2021
(72) Swain, Anil
(74) Anil Swain

Swamy, B.L. see Pittala, S.K.
(21) 2021100301

T, S. see V, M.
(21) 2021100570

T., S. see Atyam, N.R.
(21) 2021100538

T.SELVAMUTHUKUMARAN see R.PARTHASARATHI
(21) 2021100276

(71) Taiyuan University of Science and Technology
(11) AU-A-2021100336
(21) 2021100336 **(22)** 19.01.2021
(54) Device For Automatically Placing Base Plate of Gear-Type Flattening Machine
(51) Int. Cl.
B21D 1/05 (2006.01)
B21B 15/00 (2006.01)

(45) 15.04.2021
(72) MA, Lifeng; WANG, Rongjun; JIANG, Lianyun; MA, Lidong; YUAN, Wenxu; GUI, Hailian; TONG, Yuquan
(74) WRAYS PTY LTD

(71) TAIYUAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
(11) AU-A-2021100564
(21) 2021100564 **(22)** 29.01.2021
(54) TEST BELT CONVEYOR SIMULATION LOADING DEVICE
(51) Int. Cl.
G01M 13/027 (2019.01)
B65G 15/30 (2006.01)

(45) 15.04.2021
(72) ZHOU, Lidong; ZENG, Xuelin; HE, Shikang; YANG, Xiufeng; BAI, Chungang; ZHU, Rui; HAN, Liangliang; MENG, Wenjun; WANG, Lei; ZHOU, Yufen; LI, Shengxi
(74) Blue Penguin IP Ltd

(71) Talmor, E.
(11) AU-A-2021100353

(21) 2021100353 **(22)** 20.01.2021
(54) Counter top, front of house devise to clean and sterilise reusable hospital-ity dishes and utensils including, but not limited to, reusable cups and lids, plates and cutlery that creates a disease, germ and virus barrier between customers and staff

(51) Int. Cl.
A47L 15/00 (2006.01)
A61L 2/04 (2006.01)

(45) 15.04.2021
(72) Talmor, Eyal
(74) Eyal Talmor

Tamizhselvan, C. see Arya, S.
(21) 2021100346

(71) Tang, Y.
(11) AU-A-2021100237
(21) 2021100237 **(22)** 14.01.2021
(54) The Method For Predicting Persistent Seed Bank Based On Random Forest
(51) Int. Cl.
A01C 1/00 (2006.01)
G01N 33/00 (2006.01)
G06N 20/00 (2019.01)
G06K 9/62 (2006.01)

(45) 15.04.2021
(72) Tang, Yi
(74) WRAYS PTY LTD

(71) Tarim University
(11) AU-A-2021100129
(21) 2021100129 **(22)** 11.01.2021
(54) EXPERIMENTAL METHOD FOR PRESERVING SHEEP SEMEN DILUENT AT ROOM TEMPERATURE

(51) Int. Cl.
A01N 1/02 (2006.01)
G01N 1/28 (2006.01)

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(45) 15.04.2021
 (72) Wang, Huie; Feng, Xinwei; Zhang, Qiang; Zhi, Song; Jia, Shanshan; Rui, Xue
 (74) Remarkable IP

Tasisa, B.Y. see Atyam, N.R.

(21) 2021100538

(71) Taylor, J.
 (11) AU-A-2021100517
 (21) 2021100517 (22) 27.01.2021
 (54) Vinyl record holder (wall mounted)
 (51) Int. Cl.

A47G 1/06 (2006.01)
A47F 7/14 (2006.01)
A47G 1/17 (2006.01)
G11B 33/02 (2006.01)
G11B 33/04 (2006.01)

(45) 15.04.2021
 (72) Taylor, Josh William Harry
 (74) Josh William Harry Taylor

(71) Techtronic Cordless GP
 (11) AU-A-2021100366
 (21) 2021100366 (22) 20.01.2021
 (54) STACKABLE STORAGE SYSTEM
 (51) Int. Cl.

B65D 21/02 (2006.01)
B25H 3/02 (2006.01)
B65D 43/16 (2006.01)

(31) 63/030,694 (32) 27.05.20 (33) US
 63/070,633 26.08.20 US
 62/963,234 20.01.20 US

(45) 15.04.2021
 (72) DAVIDIAN, Richard M.; CHAN, Rony; SAUNDERS, William J.; HIRTZ, Ryan A.; KNIGHT, Tyler H.; DAHILL, Drew A.; CLARK, Austin; HUGHETT, Stephen A.; JENKINS, J. Luke; KING, J. Mike; GROVES, Jeffrey; WHITMIRE, J. Porter; WILLIAMS, Brianna E.; WACKER II, Charles Moody
 (74) Griffith Hack

(71) The Clear Co
 (11) AU-A-2021100406
 (21) 2021100406 (22) 22.01.2021
 (54) The Clear Co Ear Cleanser
 (51) Int. Cl.

A61K 31/327 (2006.01)
A61K 9/00 (2006.01)
A61P 27/16 (2006.01)

(45) 15.04.2021
 (72) Pennington, James
 (74) The Clear Co

(71) The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University
 (11) AU-A-2021100510
 (21) 2021100510 (22) 27.01.2021
 (54) A Liquid-solid Culture Device for Helicobacter Pylori
 (51) Int. Cl.

C12M 1/16 (2006.01)

C12M 1/02 (2006.01)
C12M 1/04 (2006.01)
 (31) 202021668870.3 (32) 12.08.20 (33) CN
 (45) 15.04.2021
 (72) SHAN, Baoen; ZHAO, Lianmei; HU, Dailun
 (74) Collison & Co

(71) The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University

(11) AU-A-2021100512
 (21) 2021100512 (22) 27.01.2021
 (54) A Helicobacter Pylori B Cell Tolerance Epitope and Its Prepared Antibody
 (51) Int. Cl.

A61K 39/02 (2006.01)
A61K 39/40 (2006.01)
A61P 1/04 (2006.01)
A61P 31/04 (2006.01)
C07K 14/205 (2006.01)
C07K 16/12 (2006.01)
G01N 33/569 (2006.01)

(31) 202010806364.4 (32) 12.08.20 (33) CN
 (45) 15.04.2021
 (72) SHAN, Baoen; SHI, Zhongli; ZHAO, Lianmei; HU, Dailun
 (74) Collison & Co

(71) Thejo Engineering Limited
 (11) AU-A-2021100555
 (21) 2021100555 (22) 28.01.2021
 (54) A FLEXIBLE IMPACT BED AND A CONVEYOR BELT SYSTEM THEREOF
 (51) Int. Cl.

B65G 15/62 (2006.01)
B65G 15/08 (2006.01)
B65G 21/20 (2006.01)

(31) 202041034963 (32) 13.08.20 (33) IN
 (45) 15.04.2021
 (72) KALLARACKAL, MANOJ JOSEPH; R. NAIR, HARIKRISHNAN
 (74) Thejo Engineering Limited

THENKUMARI, K. see PRAKASH, V.R.

(21) 2021100597

(71) The Second Medical Center Of Chinese PLA General Hospital; CapitalBio Technology Co., Ltd.

(11) AU-A-2021100526
 (21) 2021100526 (22) 27.01.2021
 (54) Complete Set of SNP Primer for Intervention Effect Evaluation of Metabolic Abnormalities and Application Thereof
 (51) Int. Cl.

C12Q 1/6883 (2018.01)
C12Q 1/686 (2018.01)

(45) 15.04.2021
 (72) Zeng, Qiang; Sun, Yimin; Zheng, Yansong; Yang, Li; Zheng, Liyuan; Wang, Guoqing
 (74) Alder IP Pty Ltd

(71) The Third People's Hospital of Kunming
 (11) AU-A-2021100645

(21) 2021100645 (22) 02.02.2021
 (54) IMPROVED DISPOSABLE THROAT SWAB
 (51) Int. Cl.

A61B 10/00 (2006.01)
A61B 10/02 (2006.01)

(31) 202020364986.1 (32) 21.03.20 (33) CN
 (45) 15.04.2021
 (72) LU, Nihong; WU, Lei; YANG, Yongrui; LIU, Honglu; LI, Guozhong; XIA, Jiawei; XU, Zhaoyuan; LIU, Jun; SUN, Yaping
 (74) Remarkable IP

Thomas, R. see B., S.

(21) 2021100323

(71) Three Gorges University
 (11) AU-A-2021100365
 (21) 2021100365 (22) 20.01.2021
 (54) A multi-sensor-based intelligent monitoring and early warning system and method for dam safety
 (51) Int. Cl.

G06K 9/62 (2006.01)
G01N 21/88 (2006.01)
G05B 23/02 (2006.01)
G06K 9/00 (2006.01)
H04L 29/08 (2006.01)
H04W 4/38 (2018.01)
G08B 31/00 (2006.01)
H04N 7/18 (2006.01)

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 (54) FREQUENCY-LOCKED LOOP (FLL) DEVICE AND METHOD FOR ACTIVE NOISE CONTROL (ANC) BASED ON SIMPLIFIED COMB FILTER
 (51) Int. Cl.

H03L 7/06 (2006.01)
H03H 17/02 (2006.01)

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B01J 20/22 (2006.01)
B82Y 15/00 (2011.01)
C12N 15/115 (2010.01)
C12Q 1/6818 (2018.01)
G01N 33/533 (2006.01)
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A61K 39/395 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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G06Q 10/06 (2012.01)
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G06T 7/246 (2017.01)
H04L 12/28 (2006.01)
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H04L 9/08 (2006.01)
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A01G 7/06 (2006.01)
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G16H 50/20 (2018.01)
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C04B 7/24 (2006.01)
C04B 14/06 (2006.01)
C04B 14/10 (2006.01)
C04B 14/28 (2006.01)
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C09J 189/00 (2006.01)
C09J 11/04 (2006.01)
C08K 3/22 (2006.01)
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A61K 36/185 (2006.01)
A61K 35/618 (2015.01)
A61K 36/232 (2006.01)
A61K 36/236 (2006.01)
A61K 36/28 (2006.01)
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H02P 25/22 (2006.01)
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H02P 21/00 (2016.01)
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F16B 7/14 (2006.01)
A47L 1/06 (2006.01)
B25G 1/04 (2006.01)
E04H 12/18 (2006.01)
F16B 7/04 (2006.01)
F16B 7/10 (2006.01)
F16B 9/02 (2006.01)
F16C 3/03 (2006.01)
F16L 3/26 (2006.01)
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G06N 20/10 (2019.01)
G06Q 10/06 (2012.01)
G06Q 50/16 (2012.01)
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E21F 17/02 (2006.01)
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E21D 9/14 (2006.01)
E21C 41/18 (2006.01)
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E03C 1/08 (2006.01)
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G06F 30/17 (2020.01)
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F24S 25/30 (2018.01)
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2020104080	Patterson, S.	2021100148	Nankai University
2020104159	Panigrahy, A.; D., S.; Prakash, M.; Jain, S.; Reddy, Y.; Dahiya, A.; Manavalan, G.; Kumar, M.; Reddy, K.; Karthikeyan, R.	2021100149	Yunnan Agricultural University
2020104195	Verma, B.K.; Bartere, M.M.; Aquatar, M.O.; Kumar, P.; Panda, R.B.; Dhiman, G.; Soni, M.; Lokulwar, P.; Cengiz, K.; Gomathi, S.	2021100154	PAREEK, P.K.; T M, R.; S G, S.; Dixit, S.; Patil, M.; Malagi, V.P.; Baraki, P.; R S, V.; H. A., D.; P H, L.; Shashidhar, C.; H, A.P.; R, C.; M S, N.M.
2020104282	Nanjing Zhijin Technology Innovation Service Center	2021100157	Agro-Environmental Protection Institute, Ministry of Agriculture and Rural Affairs
2020104348	Dhiman, G.; Vimal, S.; Vijayalakshmi, K.; Joon, R.K.; Bhatia, R.; Kumar, V.; Arora, V.; Soni, M.; Kaur, A.; Barak, D.D.	2021100158	Institute of Geology and Geophysics, Chinese Academy of Sciences
2020104382	Tianjin Research Institute for Water Transport Engineering, M.O.T.	2021100160	LEASEN STEEL INTERNATIONAL PTY LTD
2020104406	Shihezi University; Jiangsu Guoxin Union Energy Co.,Ltd.	2021100162	AUSAIR IP TRUST
2020104407	Shihezi University	2021100169	P, P.; C, V.; V, K.K.; K, C.; G, S.J.; K T, M.; Singh, M.; P, R.; S, J.R.; R, S.
2020104412	Vijayan, D.; Sangeetha, S.; Revathy, J.; Arvandan, S.; Gajalakshmi, P.; Rose, A.L.; Divahar, R.; Aravind Raj, P.S.; Parthiban, D.; Kumar, P.D.	2021100170	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
2020104413	jayaraman, j.; Venugopal, V.; Jagathrathchagan, A.	2021100171	Pagden, K.
2020104419	Commercialisation Express Pty Ltd	2021100175	Cao, H.
2020104420	Nanjing Institute of Product Quality Inspection	2021100184	Gansu Zhongke Kaiyue Silicon Material Technology Co. LTD; Northwest Normal University; Baiyin Shike Chuangxin Research Institute NWN
2020104421	Meego Technology Limited	2021100185	Northeast Institute of Geography and Agroecology, Chinese Academy of Sciences
2020104422	Deep Mining Laboratory Branch of Shandong Gold Mining Technology Co., Ltd.; ZHANG, X.	2021100186	Tianjin Key Laboratory of Risk Assessment and Control Technology for Environment and Food Safety, Tianjin Institute of Environmental and Operational Medicine
2021100025	Beibu Gulf University; Guangxi University	2021100204	Shenzhen Thousandshores Technology Co., Ltd.
2021100034	Shenzhen Thousandshores Technology Co., Ltd.	2021100205	Shenzhen Thousandshores Technology Co., Ltd.
2021100035	Shenzhen Thousandshores Technology Co., Ltd.	2021100210	HUMCEN CO; C.SATHIYAVEL; S.RAVIKUMAR; G.RENUKA DEVI; H R.DIVAKAR; VL.MALINI; J.NIRMALADEVI; MOHAMMED ALI; NAGAPPA U BHAJANTRI; M.H.SIDRAM; R.KARTHIKA DEVI
2021100036	Shenzhen Thousandshores Technology Co., Ltd.	2021100215	RAJU BENDI, R.; MALLA, R.; RAMADEVI, D.; KONNI, M.; BAVISETTI, L.; DUVVURI, S.; DASARI, V.; KUMAR KARNENA, M.; GOUTHAMSRI, S.; BASAVIAIAH, K.
2021100038	Shenzhen Thousandshores Technology Co., Ltd.	2021100231	Guangyuan Company Of Sichuan Tobacco Company; Henan University Of Science And Technology
2021100039	Shenzhen Thousandshores Technology Co., Ltd.	2021100232	BASELINX LLC
2021100040	Shenzhen Thousandshores Technology Co., Ltd.	2021100233	Ecocool Pty Ltd
2021100043	JIANGSU Marine resources development research institute (LIAN YUNGANG); JIANGSU OCEAN UNIVERSITY	2021100234	Zhangjiakou Cigarette Factory Co., Ltd
2021100049	Mallick, P.; Bhoi, A.K.; Chae, G.S.; Mishra, B.S.P.; Nayak, S.R.; Prasad, S.; sahuo, S.; Kaur, I.; MOHAMMED, I.S.; Md, A.	2021100235	Shakkeera, L.; J, K.; Dhindsa, K.S.; Vali, Y.S.; Sonya, A.; Viswanathan, S.K.; Raj, A.S.; P, S.K.; M, M.V.; Kamalakannan, S.
2021100054	Sutherland, P.; Feros, C.	2021100236	M, S.B.
2021100064	K A, S.; Patil, P.G.; Mishra, B.K.; Meshram, V.A.; PAREEK, P.K.; Jain, S.A.; U, A.K.; Delampady, S.; Naveen, N.; K R, P.; Naik, P.	2021100237	Tang, Y.
2021100078	Shenzhen Thousandshores Technology Co., Ltd.	2021100238	Lakhekar, G.V.; Madhavrao Waghmare, L.; Rohit Shende, D.
2021100087	Arjunan, T.; Patanwar, P.; Bhaskar, M.; Kumar Gupta, P.; Jangde, P.; Sing Thakur, A.; Vijayan, S.; Matheswaran, M.; Veerakumar, A.; Venkatramanan, R.; Seenivasan, D.; Arjunan, T.		
2021100090	Chunilal More, K.; Saravanan, S.; Venkatesh, B.; Ashok Kumar, M.; Rao Bayarapu, P.; Chordiya, S.B.; Purushot-		

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2021100239	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences; Chongqing Three Gorges University	2021100290	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
2021100240	Ishwar Devidas, P.; Sudarshan Ramdas, D.; Chaitanya Kishor, G.; Om Santosh, H.; Vishal Dipak, A.; Anirudh Subhash, D.; Sukanya Ashok, D.; Girish Rajendra, D.; Gaurav Ramesh, V.; Saurabh Uttam, K.; Swagat Ashok, G.	2021100291	Sichuan Agricultural University
2021100241	Hengyang Normal University	2021100292	Dalian Jiaotong University
2021100243	South Central University for Nationalities; Zhejiang University of Technology	2021100293	Institute of Mechanics, Chinese Academy of Sciences
2021100244	Pundir, A.	2021100294	Sharma, K.
2021100246	Hartwig, J.	2021100295	Institute of Coastal Agriculture, Hebei Academy of Agriculture and Forestry Sciences
2021100247	Tianjin Chengjian University; Hebei University of Science and Technology	2021100296	Yiwu ThousandShores E-Commerce Co., Ltd.
2021100248	Institute of Wolfberry Science, Ningxia Academy of Agricultural and Forestry Sciences; Agricultural Biotechnology Research Center, Ningxia Academy of Agricultural and Forestry Sciences (Ningxia Key Laboratory of Agricultural Biotechnology)	2021100297	FLEXI CASH AS
2021100250	Guizhou Normal University	2021100298	Delaney, A.
2021100251	Institute of Animal Science, Guangdong Academy of Agricultural Sciences; South China Agricultural University	2021100299	Phin, C.; Dutton-Smith, G.; Beekwilder, A.
2021100253	Institute of Chemical Industry of Forest Products, Chinese Academy of Forestry	2021100300	Mallick, P.; Sharma, A.; Dhal, S.K.; Mishra, S.K.; Chae, G.S.; A, A.; S, S.K.; R, A.; Basa, S.S.; Govindharaj, A.; MUTHYALA, R.; G, B.
2021100254	Sichuan University	2021100301	Pittala, S.K.; Premkumar, M.; Chembian, W.; Chakrabarti, T.; Swamy, B.L.; Banerjee, M.; Hati, A.S.; Junejo, N.U.R.; Jumani, A.K.; Jaglan, V.; Fathimareddy, F.D.T.; Chakrabarti, P.
2021100255	Qingdao Agricultural University	2021100302	Wanjari, A.K.; Krishnan, S.K.; Sethupathy, A.; N Karanth, S.; Chakrabarti, T.; Hati, A.S.; Gupta, P.; Satyanarayana, B.; Jain, D.; Jaglan, V.; Chakrabarti, P.; Chopra, S.
2021100256	Zhejiang Academy of Agricultural Sciences	2021100303	Javali, A.; R, S.
2021100257	JINZHONG UNIVERSITY	2021100304	Zhejiang University of Technology
2021100258	Shenzhen Thousandshores Technology Co., Ltd.	2021100305	Norton, M.
2021100259	JINZHONG UNIVERSITY	2021100306	Nanjing Hydraulic Research Institute
2021100260	Nanjing Luchengyuan Energy-saving and Environmental Protection Technology Co., Ltd.	2021100307	Xinxiang Medical University
2021100261	Shenzhen Thousandshores Technology Co., Ltd.	2021100308	Affiliated Hospital of YouJiang Medical University for Nationalities
2021100262	Wang, X.; Wei, X.	2021100309	Jangra, S.; Goyal, L.M.; Payal, A.; Kataria, A.; Chakraborty, S.
2021100263	Shenzhen Thousandshores Technology Co., Ltd.	2021100310	Batra, S.; Sukhija, N.; Goel, A.; Gahlot, A.; Sachdeva, S.; Agarwal, A.
2021100264	KUNG, W.	2021100311	Marriwala, N.; Gautam, A.; Kousalya, C.G.; Basakaran, B.; Saikumar, P.J.; Rohini, G.; B. Dadas, A.; Kamalanathan, C.; Panda, S.; Kumaraguru, K.; Rahul, S.S.
2021100265	Chakrabarti, T.; Chakrabarti, P.	2021100312	Elayaperumal, M.; Satpathy, G.; Gnanasekaran, K.
2021100266	Affiliated Hospital of Youjiang Medical College for Nationalities	2021100313	Sonar, S.; Ganguli, S.; Karelia, N.; Sohane, A.; Chandra Pal, V.; Mli Gaur, A.
2021100267	Chen, M.	2021100315	Research Scholar, P.B.; KHAN, M.R.; RATHORE, S.; SHARMA, N.K.
2021100268	Yang, L.	2021100316	Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.
2021100269	Jiangxi Longzheng Technology Development Co., Ltd	2021100317	Chongqing Jiaotong University; China Electric Power Construction Group East China Survey, Design and Research Institute Co., Ltd.
2021100270	Jiangxi Longzheng Technology Development Co., Ltd	2021100318	KUNG, W.
2021100271	Jiangxi Longzheng Technology Development Co., Ltd	2021100319	Qingdao Agricultural University
2021100272	Jiangxi Longzheng Technology Development Co., Ltd	2021100321	Joden Inc.
2021100273	Jiangxi Longzheng Technology Development Co., Ltd	2021100322	Joden Inc.
2021100274	Mozaffari, N.; Vambol, V.; Vambol, S.; A. Khan, N.; Ahmed, S.	2021100323	B., S.; P., B.; P, K.; .B, R.; Thomas, R.; M., L.S.; C., S.R.P.; M., S.; A.M, S.; Hiremath, S.; K, L.
2021100275	Jiangxi Longzheng Technology Development Co., Ltd	2021100324	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
2021100276	R.PARTHASARATHI; S.NALINI; R.ELANGO; P.SIVASAKTHIVELAN; J.SRIMANI NARAYANAN; M.RAJKUMAR; B.KARTHIKEYAN; T.SELVAMUTHUKUMARAN; K.ARIVUKKARASU	2021100325	Ajay -; Jangir, A.; Satti, T.; Kumar, B.; Varma, R.; Shrivastava, V.K.; Subramanian, T.S.S.; Sayiram, G.; Sarita -; Parveen -
2021100277	Jiangxi Longzheng Technology Development Co., Ltd	2021100326	Guo, P.
2021100278	Jiangxi Longzheng Technology Development Co., Ltd	2021100327	Zunyi Normal College
2021100279	Verma, A.R.; Gupta, B.; Praveen, P.; Kumar, R.; Singh Patel, S.	2021100329	Jiangsu University
2021100280	Zhejiang University of Technology	2021100330	Chavc (HongKong) Health Products Co., Limited;
2021100281	HUAZHONG UNIVERSITY OF SCIENCE & TECHNOLOGY	2021100331	Foshan Aierbao E-Commerce Co., Ltd
2021100282	First Hospital of Shanxi Medical University	2021100332	Shandong Institute of Agricultural Sustainable Development
2021100284	South Central University for Nationalities; Zhejiang University of Technology	2021100333	Shandong Institute of Agricultural Sustainable Development
2021100287	Devaneyan, S.; Sahoo, S.K.; Dadheech, P.; Vijayalakshmi, A.; B, E.A.; M, L.; V, N.M.; M, P.; W, R.S.; kumar, C.L.; Pravallika, S.; Sasikala, K.; Sekar, V.; Monisha, M.; P, V.; Joshi, H.; Manoharan, H.; Kshirsagar, P.R.; Perumal, V.	2021100334	Chongqing Technology And Business University
2021100288	Ecowall Cladding	2021100335	Collar & Ruff
2021100289	Xuzhou Central Hospital	2021100336	Taiyuan University of Science and Technology

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2021100337	Harbin Weixing Power Source Technology Development Co., LTD	2021100401	Harvok Pty Ltd
2021100338	East China Jiaotong University	2021100403	Sichuan Agricultural University
2021100339	Research Institute of Industrial Technology of AHUT at XuanCheng Co., Ltd.	2021100404	West China Hospital of Sichuan University
2021100340	Chongqing Academy of Chinese Materia Medica	2021100406	The Clear Co
2021100341	Panda, S.; Jena, S.; RATH, P.S.; SETHI, N.; MAJHI, S.K.; SENAPATY, M.K.; Bagjadab, A.B.; BATHRE, M.; SONI, S.; GIRI, S.K.	2021100408	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences; Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences
2021100342	Venkateswarlu, Y.; Aggarwal, M.; Yadav, N.; Praveenkumar, S.; Naved, M.; Kumar, D.V.; Gandhi, P.P.; Kumar, N.; Kapil, G.; Kshirsagar, P.R.	2021100409	Shanghai Ocean University
2021100346	Arya, S.; Gowri, P.N.; Nandagopal, V.; E, R.; Tamizhselvan, C.; Krishnaraokharat, P.; Sahu, P.; Rao, B.; R, R.; Ahmed, M.I.; Pandey, R.R.; Murali, J.; Ganesh, E.N.; G., P.; Manjunath, T.; Ravikumar, D.; Devi, V.; Manoharan, H.; Peroumal, V.; Kshirsagar, P.R.	2021100410	Shanghai Ocean University
2021100348	Yiwu ThousandShores E-Commerce Co., Ltd.	2021100412	Affiliated Hospital of YouJiang Medical University for Nationalities
2021100349	Yiwu ThousandShores E-Commerce Co., Ltd.	2021100413	XUZHOU UNIVERSITY OF TECHNOLOGY
2021100350	Wuhan University	2021100414	West China Hospital of Sichuan University
2021100351	Hangzhou Yidian Information Technology Co., Ltd.	2021100415	Affiliated Hospital of YouJiang Medical University for Nationalities
2021100353	Talmor, E.	2021100418	West China Hospital of Sichuan University
2021100354	Weihai Ocean Vocational College; Harbin Engineering University	2021100419	Nijhawan, P.; Singla, M.K.; Gupta, J.
2021100355	Weihai Ocean Vocational College; Harbin Engineering University	2021100420	Institute of Oceanology, Chinese Academy of Sciences
2021100356	Affiliated Hospital of YouJiang Medical University for Nationalities	2021100422	Institute of Oceanology, Chinese Academy of Sciences
2021100358	M, R.; Ahuja, R.; Selvi, K.K.; Kumar Bharti, P.; Chordiya, S.B.; Purushottam Pawar, V.; Raj, B.; Sarkar, B.K.; Kumar Singh, P.; Nidhi Singh, P.	2021100423	Xi'an University of Science and Technology; Longmenxia South Coal Mine of Sichuan Huayingshan Coal Industry Co.
2021100360	Yiwu ThousandShores E-Commerce Co., Ltd.	2021100425	Xi'an University of Science and Technology; Longmenxia South Coal Mine of Sichuan Huayingshan Coal Industry Co.
2021100361	Yiwu ThousandShores E-Commerce Co., Ltd.	2021100427	Nijhawan, P.; Singh, P.; Dhingra, A.
2021100363	Qingdao Agricultural University	2021100429	Singh, H.; Kumar, V.; Saxena, K.
2021100365	Three Gorges University	2021100430	Prakash Shukla, A.; Sharma, S.; Kumar Yadav, P.; Pat-rik, A.; Rastogi, K.V.; Singh, S.; Singh, A.; Kumar, D.; Singh, T.; Kumar, A.; Sarkar, B.K.
2021100366	Techtronic Cordless GP	2021100433	Sunar Mahammad, F.; Viswanatham, V.M.; Gowthami, V.; Basha, M.M.; Mayuri, A.V.R.; Babu, T.S.
2021100367	Shanghai University	2021100434	S, K.; M, S.; R, S.; A, A.
2021100368	Shanghai University	2021100436	Qingdao Agricultural University
2021100369	State Grid Economic and Technological Research Institute of Shanxi; North China Electric Power University Swain, A.	2021100437	Priyadarshi, N.; Bhoi, A.K.; Mallick, P.K.; Panda, M.R.; Nayak, S.R.; E, R.K.; Chae, G.S.; Kaur, I.; R., A.; Mahapatra, S.; G, B.; MUTHYALA, R.
2021100370	Affiliated Hospital of YouJiang Medical University for Nationalities	2021100440	Anitha, A.; P, S.; S, P.; G, M.; Anbarasi, M.; S, R.; S, R.; Prabakaran, N.; V, B.; Sendhil Kumar, K.S.; Babu S., Y.; Chattopadhyay, A.; Dewanje, A.
2021100371	Affiliated Hospital of YouJiang Medical University for Nationalities	2021100446	Bushfireio Pty Ltd
2021100372	Affiliated Hospital of YouJiang Medical University for Nationalities	2021100447	Han, Y.
2021100373	Jiang Su University	2021100448	Center of Civil Engineering Testing , Huazhong University of Science and Technology; Wuhan Univ,Zhongnan Hosp of Wuhan University; Huazhong University of science and technology; Nanyang Technological University, Singapore; China Construction Third Engineering Bureau Co.,Ltd; Wuhan Municipal Engineering Quality Supervision Station; Wuhan Hanyang Municipal Construction Group CO.LTD; China Construction Ready Mixed Concrete Co.Ltd.; Wuhan Institute of landscape Architectural Design CO. LTD; Wuhan Zhongcheng Industrial Development CO.,LTD.
2021100374	Zhejiang Jinbest Energy Technology Co., Ltd	2021100449	Shihezi University
2021100375	Northwest A&F University	2021100452	West China Hospital Sichuan University
2021100376	Zhejiang Jinbest Energy Technology Co., Ltd	2021100453	Shihezi University
2021100377	SHENSTONE DESIGN PTY LTD	2021100454	Shihezi University
2021100378	Shandong Institute of Pomology	2021100455	Institute of Geology and Geophysics, Chinese Academy of Sciences
2021100379	Beijing University of Civil Engineering and Architecture	2021100456	Zhejiang University of Technology
2021100380	MP Hydro Pty Limited	2021100458	Shenzhen Thousandshores Technology Co., Ltd.
2021100381	Xuzhou University of Technology	2021100459	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences; Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences
2021100382	Jiangsu Institute of Parasitic Diseases	2021100460	Shenzhen Thousandshores Technology Co., Ltd.
2021100385	Heilongjiang Bayi Agricultural University	2021100461	Shenzhen Thousandshores Technology Co., Ltd.
2021100387	Sichuan University	2021100462	Nankai University
2021100388	Xi'an Technological University	2021100463	Huzhou Central Hospital
2021100391	South China University of Technology; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation; GRG Banking Equipment Co.,Ltd; Shenzhen Xinyi Technology Co., Ltd	2021100464	Yinchuan Industrial Technology Research Institute; Ningxia University
2021100392	Roseline, S.A.; Geetha, S.; Vicky Phamila, Y.A.; Rajadurai, P.; Sasikala, S.		
2021100394	Ecolab USA Inc.		
2021100395	Ecolab USA Inc.		
2021100396	Sureguard Safety Australia Pty Ltd		
2021100397	Institute of Geology and Geophysics, Chinese Academy of Sciences		
2021100398	Ecolab USA Inc.		
2021100399	Shandong Institute of Pomology		
2021100400	Jiangxi Agricultural University		

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2021100465	McNamara, P.	2021100543	WUHAN UNIVERSITY
2021100466	INSTITUTE OF COTTON RESEARCH OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES	2021100544	Henan Sunshine Anticorrosive Painting Co., Ltd.
2021100467	Xiamen Water Nymph Sanitary Technology Co., Ltd.; ZHOU, H.	2021100545	Jiangsu University
2021100468	Schneider Electric (Australia) Pty Limited	2021100546	ACUSENSUS IP PTY LTD
2021100469	Zhongnan Hospital of Wuhan University	2021100547	Gomez Gane, D.
2021100470	Apple Inc.	2021100551	North China Institute of Science and Technology; Henan Polytechnic University; China University of Mining & Technology, Beijing; Beijing Xinanyue Intelligent Technology Co., Ltd.
2021100471	Schneider Electric (Australia) Pty Limited	2021100554	Alhakami, H.; Baz, A.; Al-Sharef, M.; Kumar, R.; Ahmad Khan, R.
2021100472	Qingdao Agricultural University	2021100555	Thejo Engineering Limited
2021100474	Wang, Z.	2021100556	Shandong Hengjing New Material Co., Ltd.
2021100475	Zhejiang Citrus Research Institute	2021100559	Alhakami, H.; Baz, A.; Alhakami, W.; Agrawal, A.; Kumar, R.; Khan, R.A.
2021100476	Liu, Q.	2021100560	BALAMURUGAN, N.M.; Adimoolam, M.; Padmaja, C.; Choudhary, S.D.; Binoj, J.S.; Shyni, G.; Britto, A.S.F.; S.; Pandey, V.; Agarwal, A.
2021100479	Agarwal, A.; Negi, R.; Jaiswal, R.	2021100561	Qingdao Agricultural University
2021100480	South China University of Technology; Shenzheng YunShi Technology Co., Ltd; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation	2021100562	Qingdao Agricultural University
2021100481	Southwest Medical University	2021100564	TAIYUAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
2021100484	Patchikolla, S.; Muppalaneni, N.B.; Jagadesh, B.; Akula, C.S.; Raja, D.R.K.	2021100566	Jilin University
2021100485	Liaoning Shihua University	2021100567	Institute of Agricultural Engineering Technology, Fujian Academy of Agricultural Sciences
2021100486	Shihezi University	2021100568	WANG, L.
2021100487	Vegetables and Flowers Institute of Shandong Academy of Agricultural Science; Shandong Agriculture and Engineering University	2021100570	V, M.; M M, R.; T, S.; JAMUNA ANAND, S.; J, A.J.; A, A.; K, B.; R, S.; G, M.; JOHN, C.B.; S, S.K.
2021100489	Shihezi University	2021100572	Tradestylus Pty Ltd
2021100490	Shihezi University	2021100573	Shanghai Jiao Tong University
2021100491	Institute of Geology and Geophysics, Chinese Academy of Sciences	2021100576	Shihezi University
2021100492	Guangdong Provincial People's Hospital	2021100579	World Wide Window Cleaning Supplies IP Pty Ltd
2021100493	Qingdao Agricultural University	2021100580	4 Farmers Australia Pty Limited
2021100494	Qingdao Agricultural University	2021100582	Hubei Institute of Tobacco Science; Hubei University
2021100497	Wuxi JHT Homewares Co., Ltd.	2021100585	Conway, R.
2021100502	Agrawal, N.; Singh, V.K.; Bangari, N.; Saxena, A.; Khare, B.B.; Lohia, A.; A, A.; Bhoi, A.K.	2021100586	Shihezi University
2021100503	East China Jiaotong University	2021100587	Yiwu ThousandShores E-Commerce Co., Ltd.
2021100504	Shanghai Institute of Technology	2021100589	Brown, J.
2021100506	Shandong Provincial Center for Animal Disease Control and Prevention	2021100592	Dayalbagh Educational Institute
2021100507	Yancheng Institute of Technology	2021100595	XUZHOU UNIVERSITY OF TECHNOLOGY; Shanxi Lvliang Lishi Jinhui Rongtai Coal Industry Co., Ltd.
2021100508	Sichuan Agricultural University	2021100596	Sharma, A.K.; Upreti, K.; Srivastava, S.; Vargis, B.K.; Singh, J.; Choudhary, P.; Kumar, N.; Jain, P.K.; Jain, R.; Pandey, B.
2021100510	The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University	2021100597	PRAKASH, V.R.; GEO, V.B.; THENKUMARI, K.; SATHISH, E.; SHEKHAR, H.; MURUGESAN, G.; M, M.; V, K.; KUDITHI, T.; N, K.
2021100511	Apple Inc.	2021100598	SPORT2CLEAN AUSTRALIA LIMITED
2021100512	The Fourth Hospital of Hebei Medical University (Hebei Cancer Hospital); Hebei Medical University	2021100601	Tongji Hospital of Tongji Medical College, Huazhong University of Science and Technology
2021100513	DSM IP Assets B.V.	2021100603	Shanghai Ocean University
2021100514	Chu, L.; Young, L.	2021100605	Attar, A.R.; Patil, S.A.; Utpat, S.R.; Naidu, M.J.
2021100515	QINGDAO AGRICULTURAL UNIVERSITY	2021100608	Chengdu University of Information Technology; National Meteorological Center; Chengdu Yiyun Technology Co., Ltd.
2021100516	Ordos City Mengkangyuan Biotechnology Research Co., Ltd.	2021100609	Shandong Bote Bearing Co., Ltd.
2021100517	Taylor, J.	2021100610	Shandong Bote Bearing Co., Ltd.
2021100519	Inner Mongolia Agricultural University	2021100612	Nanjing Forestry University
2021100522	Jiangsu Zhidian Biotechnology Co., Ltd.	2021100613	EDC Imports
2021100524	MAHESHWARY, P.B.; MODAK, J.P.; GHOSH, S.S.; JUNGHARE, T.; GHAFFAR, A.; MODAK, S.	2021100616	Lazer Asset Pty Ltd
2021100526	The Second Medical Center Of Chinese PLA General Hospital; CapitalBio Technology Co., Ltd.	2021100617	kollar, a.
2021100527	Beijing University of Civil Engineering and Architecture	2021100618	Anhui University of Science and Technology
2021100529	Beyond Architectural Pty Ltd	2021100619	Anhui University of Science and Technology
2021100531	G, S.S.K.; P, J.; VUDAYAGIRI, M.; PALEMPATI, D.P.; MADDERLA, S.; A, C.B.; KAMIREDDY, S.R.	2021100620	XUZHOU UNIVERSITY OF TECHNOLOGY
2021100535	Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Center, Guangzhou)	2021100621	XUZHOU UNIVERSITY OF TECHNOLOGY
2021100536	Yu, J.; He, H.	2021100622	XUZHOU UNIVERSITY OF TECHNOLOGY
2021100538	Atyam, N.R.; Dinegde, G.D.; Ayano, T.K.; Sungheetha, A.; R, R.S.; Tasisa, B.Y.; Balamourougane, J.S.; Rehman, T.B.; T, S.; Professor, B.S.B.	2021100623	XUZHOU UNIVERSITY OF TECHNOLOGY
2021100539	Shaoguan University	2021100627	Aussie Scope Stickers
2021100541	Batten, M.	2021100629	Kataria, A.; Kar, A.K.; Chakraborty, A.; Jangra, S.; Ahuja, P.; Kaur, M.
2021100542	Qingdao University of Technology	2021100634	Northwestern Polytechnical University
		2021100635	SDIP Holdings Pty Ltd

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2021100636	Institute of Analysis, Guangdong Academy of Sciences (China National Analytical Center, Guangzhou)
2021100637	SDIP Holdings Pty Ltd
2021100640	Beijing Forestry University
2021100641	SDIP Holdings Pty Ltd
2021100642	Jilin University
2021100643	SDIP Holdings Pty Ltd
2021100644	MIANYANG TEACHERS' COLLEGE
2021100645	The Third People's Hospital of Kunming
2021100647	Yang, C.
2021100648	Majhi, S.K.; Mishra, K.; Dhal, S.K.; Kamila, N.K.; Brahma, B.; Nukala, M.; Pani, S.K.; Pradhan, R.
2021100649	Zhongnan Hospital of Wuhan University
2021100650	ASM TECHNOLOGY PTY LTD
2021100652	GREENTECH INTERNATIONAL PTY LTD
2021100656	Shihezi University
2021100657	China Construction Municipal Engineering Corporation Limited; China Construction First Group Corporation Limited
2021100660	Hunan University of Science and Technology

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2021100652	2021100493	<u>A01K 67 /-</u>	2021100580	<u>A41D 1 /-</u>	2021100331
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2021100399	<u>A01G 31 /-</u>	2021100234	<u>A01N 59 /-</u>	2021100589	<u>A47K 3 /-</u>
2021100475	2021100169	2021100327	2021100582	2021100647	2021100380
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2021100237	2021100378	2021100395	2021100403	2021100589	2021100049
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2021100231	2021100487	<u>A01M 29 /-</u>	<u>A01N 65 /-</u>	2021100396	2021100579
<u>A01C 21 /-</u>	2021100582	2021100064	2021100265	<u>A44B 11 /-</u>	<u>A47L 11 /-</u>
2021100295	<u>A01G 9 /-</u>	2021100358	2021100464	2021100335	2021100504
2021100475	2021100472	<u>A01M 3 /-</u>	2021100516	<u>A45F 3 /-</u>	<u>A47L 15 /-</u>
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2021100375	2021100408	<u>A01M 7 /-</u>	2021100265	2021100598	<u>A47L 17 /-</u>
2021100531	2021100466	2021100652	2021100582	<u>A47B 45 /-</u>	2021100524
2021100652	2021100640	<u>A01M 99 /-</u>	<u>A01P 13 /-</u>	2021100331	<u>A47L 25 /-</u>
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2021100333	2021100640	<u>A01N 1 /-</u>	<u>A01P 21 /-</u>	2021100331	<u>A61B 10 /-</u>
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2021100561	2021100408	<u>A01N 25 /-</u>	2021100515	2021100524	2021100645
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<u>A01G 17 /-</u>	2021100250	2021100516	2021100403	<u>A47C 19 /-</u>	2021100649
2021100399	2021100612	2021100580	2021100582	2021100415	<u>A61B 3 /-</u>
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2021100363	<u>A01K 23 /-</u>	<u>A01N 33 /-</u>	<u>A01P 7 /-</u>	<u>A47C 4 /-</u>	2021100637
2021100612	2020101812	2021100580	2021100516	2021100613	2021100641
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2021100487	<u>A01K 49 /-</u>	2021100464	2021100034	2021100613	<u>A61B 5 /-</u>
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2021100325		2021100637	2021100261	2021100186	
2021100341	<u>A61K 31 /-</u>	2021100641	2021100263	2021100241	<u>B09B 3 /-</u>
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2021100440	2019101780		2021100325		2021100120
2021100470	2021100175	<u>A61M 25 /-</u>	2021100348	<u>B01J 21 /-</u>	2021100170
2021100481	2021100255		2021100458		2021100171
2021100492	2021100330	2021100371	2021100460	2021100274	
2021100566	2021100406	2021100412	2021100461		<u>B09C 1 /-</u>
2021100629	2021100513	2021100481		<u>B01J 23 /-</u>	
2021100635	2021100519		<u>A63B 22 /-</u>		2021100295
2021100637	2021100601	<u>A61P 1 /-</u>		2021100148	<u>B21B 15 /-</u>
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2021100643	<u>A61K 33 /-</u>	2021100175	<u>A63B 23 /-</u>	<u>B01J 27 /-</u>	2021100336
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	2021100175	2021100568	2021100296	2021100148	<u>B21C 23 /-</u>
2021100308	<u>A61K 35 /-</u>	<u>A61P 15 /-</u>	2021100325	<u>B01J 35 /-</u>	2021100592
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2021100282	2021100568	<u>A61P 25 /-</u>	2021100258		2021100336
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<u>A61F 9 /-</u>			2021100300	2021100281	
	2021100175	<u>A61P 27 /-</u>			2021100090
2021100440	2021100256		<u>A63D 15 /-</u>	<u>B01L 1 /-</u>	
	2021100330	2021100406			<u>B22D 18 /-</u>
<u>A61G 5 /-</u>	2021100519		2021100585	2021100650	2021100090
	2021100536	<u>A61P 31 /-</u>			
2021100356	2021100567		<u>B01D 11 /-</u>	<u>B01L 3 /-</u>	
	2021100568	2021100175			<u>B22F 9 /-</u>
<u>A61G 7 /-</u>		2021100253	2021100516	2021100522	
	<u>A61K 39 /-</u>	2021100256			2021100456
2021100325		2021100462	<u>B01D 17 /-</u>	<u>B02C 17 /-</u>	
2021100415	2021100256	2021100486			<u>B23K 31 /-</u>
	2021100449	2021100512	2021100334	2021100275	
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2021100596	2021100486				<u>B24B 1 /-</u>
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2021100415	2021100601		<u>B01D 53 /-</u>		<u>B24B 23 /-</u>
	2021100656	2021100601		2021100652	
<u>A61H 23 /-</u>		2021100660	2021100274		2021100305
	<u>A61K 47 /-</u>		2021100281	<u>B05C 11 /-</u>	
2021100404		<u>A61P 37 /-</u>	2021100294		<u>B24B 45 /-</u>
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2021100418		2019101780	<u>B01D 61 /-</u>	<u>B06B 1 /-</u>	
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			2021100054	2021100436	
<u>A61H 33 /-</u>		<u>A61P 43 /-</u>			2021100361
	2021100175		<u>B01F 13 /-</u>	<u>B07B 1 /-</u>	
2021100380	2021100330	2019101780			<u>B25G 1 /-</u>
	2021100406	2021100568	2021100049	2021100319	
<u>A61H 9 /-</u>	2021100513			2021100562	2021100579
		<u>A61P 7 /-</u>	<u>B01F 3 /-</u>		
2021100404	<u>A61L 2 /-</u>			<u>B07B 4 /-</u>	<u>B25H 3 /-</u>
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2021100418	2020104080		2021100321	2021100319	2021100366
	2021100353	<u>A61Q 11 /-</u>	2021100322		
<u>A61J 15 /-</u>				<u>B07C 5 /-</u>	<u>B28C 5 /-</u>
	<u>A61M 1 /-</u>	2021100568	<u>B01F 5 /-</u>		
2021100412				2021100562	2021100544
	2021100308	<u>A62B 23 /-</u>	2021100321		
<u>A61J 3 /-</u>			2021100322	<u>B08B 1 /-</u>	<u>B28C 7 /-</u>
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<u>B60C 23 /-</u>	2021100171	2021100054	2021100273	2021100284	<u>C09K 11 /-</u>
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2021100401	2021100485	2021100370	<u>C04B 7 /-</u>	<u>C07K 14 /-</u>	2021100025
<u>B61L 1 /-</u>	<u>B65G 15 /-</u>	2021100437	2020103960	2021100340	2021100121
2021100338	2021100555	<u>C02F 101 /-</u>	2020104412	2021100449	<u>C10G 33 /-</u>
<u>B62B 1 /-</u>	2021100564	2021100148	<u>C05B 17 /-</u>	2021100486	2021100334
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<u>B62D 57 /-</u>	2021100555	<u>C02F 103 /-</u>	2021100339	<u>C07K 16 /-</u>	2020104078
2021100301	<u>B65G 23 /-</u>	2021100054	<u>C05B 7 /-</u>	2021100135	2021100250
<u>B62D 67 /-</u>	2021100621	2021100148	2020104406	2021100512	2021100329
2021100106	<u>B65G 41 /-</u>	2021100370	<u>C05C 9 /-</u>	2021100576	2021100510
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2021100360	<u>B65G 47 /-</u>	2021100157	<u>C05D 1 /-</u>	2021100601	<u>C12M 3 /-</u>
<u>B62M 1 /-</u>	2021100621	2021100260	2020104406	2021100656	2021100250
2021100348	<u>B65G 65 /-</u>	2021100324	<u>C05D 9 /-</u>	<u>C08H 7 /-</u>	<u>C12N 1 /-</u>
<u>B62M 6 /-</u>	2021100299	<u>C02F 9 /-</u>	2020104406	2021100253	2021100276
2021100240	<u>B66F 11 /-</u>	2021100054	<u>C05D 9 /-</u>	<u>C08J 11 /-</u>	2021100340
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2021100422	<u>B66F 7 /-</u>	2021100257	<u>C05F 17 /-</u>	2021100302	2021100410
<u>B63B 59 /-</u>	2021100620	<u>C04B 103 /-</u>	2020104078	<u>C08K 3 /-</u>	2021100459
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<u>B63G 8 /-</u>	2021100437	2021100270	2021100339	2021100184	<u>C12N 15 /-</u>
2021100484	<u>B82B 1 /-</u>	<u>C04B 11 /-</u>	<u>C05F 3 /-</u>	2021100262	2021100186
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2021100598	2021100243	<u>C04B 14 /-</u>	<u>C05F 9 /-</u>	2021100160	2021100307
<u>B65D 21 /-</u>	2021100312	2020104412	2021100339	2021100184	2021100340
2021100366	<u>B82Y 40 /-</u>	2021100270	<u>C05G 5 /-</u>	2021100262	2021100409
	2021100186	<u>C04B 16 /-</u>	2020104406	<u>C09C 1 /-</u>	2021100410
	2021100243	2020103960	2021100339	2021100184	2021100449
	2021100312	<u>C04B 18 /-</u>	<u>C07B 63 /-</u>	<u>C09D 163 /-</u>	2021100454
	<u>B82Y 40 /-</u>	2020103960	2021100567	2021100160	2021100462
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2021100410	2020104382	2016102457	E05F 3/-	2021100043	F21S 8/-
C12Q 1/-	E02D 17/-	E04C 1/-	2021100529	F04D 15/-	2021100316 2021100317
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	E02D 5/-	E04C 2/-	2020104419 2021100264 2021100318 2021100497	F04D 17/-	2021100316
	2021100657	2016102454 2021100025 2021100120 2021100288	E21B 33/-	2021100078 2021100141	F21V 3/-
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	2021100436	2021100270	E21D 15/-	2021100579	2021100317
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2021100636	2021100215	2021100579	E21F 13/-	2021100609 2021100610	2021100204 2021100205
C23C 18/-	E03F 1/-	E04H 17/-	2021100246	F16D 41/-	F24S 10/-
2021100535	2021100215	2021100616	2021100246	2021100348	2021100087
C40B 40/-	E03F 11/-	E04H 4/-	E21F 15/-	F16H 25/-	F24S 20/-
2021100576 2021100586	2021100215	2021100380	2021100423	2021100447	2021100025
D06F 34/-	E03F 5/-	E04H 5/-	E21F 17/-	F16L 3/-	F24S 23/-
2021100617	2021100043	2021100043	2021100246 2021100413 2021100423 2021100425 2021100618 2021100619	2021100579	2021100605
E01C 11/-	E04B 1/-	E05B 47/-	2021100278	F16L 57/-	F24S 25/-
2021100271	2016102454 2021100120 2021100160 2021100269 2021100544	2021100346	F16L 7/-	2021100278	2021100025 2021100376
E01D 101/-	E04B 2/-	E05D 11/-	2021100579	F16L 9/-	F24S 30/-
2021100277	2016102454	2021100377	F02C 7/-	2021100272	2021100605
E01D 19/-		E05D 5/-	2021100358		
2021100277		2021100377			

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<u>F24S 60 /-</u>		<u>G01N 27 /-</u>	<u>G01S 5 /-</u>	2021100311	2021100315
2021100025	<u>G01C 21 /-</u>	2021100573	2021100246	2021100323	2021100329
	2021100543			2021100493	2021100387
<u>F24S 70 /-</u>	<u>G01D 5 /-</u>	<u>G01N 3 /-</u>	<u>G01S 7 /-</u>	<u>G05B 17 /-</u>	2021100434
2021100025	2021100338	2020104422	2021100210	2021100254	2021100474
		2021100400			2021100572
<u>F24S 80 /-</u>	<u>G01F 15 /-</u>	<u>G01N 30 /-</u>	<u>G01V 1 /-</u>	<u>G05B 19 /-</u>	<u>G06F 21 /-</u>
2021100025	2021100306	2021100539	2021100422	2021100238	2020104195
				2021100291	2021100392
<u>F25D 3 /-</u>	<u>G01F 23 /-</u>	<u>G01N 33 /-</u>	<u>G01V 3 /-</u>	2021100323	2021100430
2021100171	2021100157	2019101780	2021100158	2021100437	2021100559
	2021100306	2021100135	2021100455	2021100493	<u>G06F 3 /-</u>
		2021100186	2021100491	2021100502	
2021100034	<u>G01J 1 /-</u>	2021100237	<u>G01V 8 /-</u>	<u>G05B 21 /-</u>	2021100440
2021100035	2021100605	2021100256	2021100246	2021100238	2021100470
2021100036		2021100289			2021100476
2021100078	<u>G01J 3 /-</u>	2021100381	<u>G01W 1 /-</u>	<u>G05B 23 /-</u>	2021100527
2021100141	2021100634	2021100400	2021100309	2021100365	2021100547
		2021100408	2021100446	2021100448	<u>G06F 30 /-</u>
<u>F26B 25 /-</u>	<u>G01J 5 /-</u>	2021100448	2021100538	2021100494	2021100254
2021100034	2021100049	2021100489	2021100608	2021100502	2021100292
2021100035		2021100490	2021100618	<u>G05D 1 /-</u>	2021100388
2021100036	<u>G01K 1 /-</u>	2021100512	<u>G02B 1 /-</u>	2021100238	2021100592
2021100078	2021100514	2021100522	2020104080	2021100484	<u>G06F 40 /-</u>
2021100141	2021100514	2021100576	2021100257	<u>G05D 11 /-</u>	2021100440
		2021100586	2021100259	2021100049	2021100597
<u>F26B 3 /-</u>	<u>G01L 1 /-</u>	2021100618	<u>G02B 21 /-</u>	<u>G05D 7 /-</u>	<u>G06F 7 /-</u>
2021100034	2021100379	2021100629	2021100266	2021100049	2021100315
2021100035		2021100640	<u>G02B 27 /-</u>	2021100049	<u>G06F 8 /-</u>
2021100036	<u>G01L 21 /-</u>	2021100642	2021100629	2021100323	2021100559
2021100078	2021100481	<u>G01N 35 /-</u>	<u>G02B 5 /-</u>	2021100493	<u>G06F 9 /-</u>
2021100141		2021100266	2020104080	2021100493	2021100648
<u>F26B 9 /-</u>	<u>G01M 13 /-</u>	<u>G01P 1 /-</u>	2021100257	<u>G05D 9 /-</u>	<u>G06K 19 /-</u>
2021100034	2021100564	2021100338	<u>G02C 11 /-</u>	2021100049	2021100310
2021100035			2021100440	2021100323	2021100429
2021100036	<u>G01N 1 /-</u>	<u>G01R 23 /-</u>	<u>G02C 5 /-</u>	2021100493	<u>G06K 7 /-</u>
2021100078	2019101789	2021100254	2021100440	<u>G06F 1 /-</u>	2021100310
2021100141	2021100129	<u>G01R 29 /-</u>	<u>G02C 11 /-</u>	2021100267	2021100429
<u>F28D 20 /-</u>	<u>G01N 15 /-</u>	2021100491	2021100440	2021100440	<u>G06K 7 /-</u>
2021100025	2019101789	<u>G01R 31 /-</u>	<u>G02C 5 /-</u>	<u>G06F 11 /-</u>	2021100310
		2021100373	2021100440	2021100244	2021100507
<u>F28F 1 /-</u>	<u>G01N 21 /-</u>	2021100545	<u>G02F 1 /-</u>	<u>G06F 111 /-</u>	<u>G06K 9 /-</u>
2021100087	2021100186		2021100316	2021100592	2021100049
	2021100243	<u>G01S 13 /-</u>	<u>G05B 13 /-</u>	<u>G06F 119 /-</u>	2021100118
<u>F41G 1 /-</u>	2021100284	2021100306	2021100233	2021100592	2021100154
2021100627	2021100312	<u>G01S 17 /-</u>	2021100238		2021100237
	2021100365		2021100311	<u>G06F 16 /-</u>	2021100248
<u>F41G 11 /-</u>	2021100522	<u>G01S 17 /-</u>	2021100311	2021100369	2021100300
2021100627	2021100539		2021100354	2021100420	2021100326
	2021100642	2021100210	2021100448	2021100446	2021100329
<u>F41H 1 /-</u>	<u>G01N 23 /-</u>	2021100246	2021100494	2021100542	2021100365
2017101900	2019101789	2021100306	2021100503	2021100597	2021100367
		2021100502	2021100592	<u>G06F 17 /-</u>	2021100385
<u>F41H 5 /-</u>	<u>G01N 25 /-</u>	<u>G01S 19 /-</u>	<u>G05B 15 /-</u>	2021100292	2021100391
2017101900	2021100121	2021100420	2021100118		2021100437
					2021100440
<u>G01C 13 /-</u>					2021100470
2021100306					2021100474

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2021100480		<u>G07F 17 /-</u>	<u>G09B 21 /-</u>	2021100637	2021100369
2021100538	<u>G06Q 20 /-</u>	2021100310	2021100547	2021100641	2021100387
2021100542	2020102988	2021100617		2021100643	<u>H02J 15 /-</u>
2021100634	2021100297		<u>G09B 5 /-</u>	<u>G16H 80 /-</u>	
2021100637	2021100511	<u>G07G 1 /-</u>	2021100236		2021100397
2021100641	2021100617		2021100507	2021100351	
2021100643		2021100310		2021100430	<u>H02J 3 /-</u>
<u>G06N 20 /-</u>	<u>G06Q 30 /-</u>	<u>G08B 1 /-</u>	<u>G09C 5 /-</u>	<u>G16Y 10 /-</u>	2019101788
2021100049	2021100280	2021100210	2020104195	2021100341	2021100233
2021100064	2021100294		2021100429	2021100538	2021100254
2021100237	2021100304	<u>G08B 13 /-</u>		2021100554	2021100369
2021100300	2021100310		<u>G10K 11 /-</u>		2021100387
2021100303		2021100346		<u>G16Y 20 /-</u>	2021100479
2021100342	<u>G06Q 40 /-</u>		2021100465		<u>H02J 50 /-</u>
2021100350		<u>G08B 19 /-</u>		2021100309	
2021100373	2021100294		<u>G10L 13 /-</u>	2021100341	2021100560
2021100392	2021100304	2021100210		2021100554	
2021100434	2021100342	2021100619	2021100507		<u>H02J 7 /-</u>
2021100437	<u>G06Q 50 /-</u>	<u>G08B 21 /-</u>	<u>G10L 15 /-</u>	<u>G16Y 30 /-</u>	
2021100440					2021100337
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2021100492	2021100236	2021100064	<u>G10L 25 /-</u>	<u>G16Y 40 /-</u>	2021100560
2021100538	2021100254	2021100157			<u>H02J 9 /-</u>
	2021100291	2021100309	2021100527	2021100309	
<u>G06N 3 /-</u>	2021100294	2021100341	<u>G11B 33 /-</u>	2021100494	2021100401
2020104159	2021100350	2021100618			<u>H02K 44 /-</u>
2021100303	2021100446	2021100619	2021100517	<u>H01B 1 /-</u>	
2021100329	2021100476	2021100629		2021100456	2021100419
2021100367	2021100494	<u>G08B 25 /-</u>	<u>G11C 29 /-</u>		
2021100368	2021100538			2021100456	<u>H02K 47 /-</u>
2021100373	2021100542	2019101784	2021100244	<u>H01B 13 /-</u>	
2021100385	<u>G06T 1 /-</u>	2021100618		2021100456	2021100419
2021100391		2021100619	<u>G16B 30 /-</u>		
2021100392	2020104195	2021100629		<u>H01H 1 /-</u>	<u>H02K 7 /-</u>
2021100434		<u>G08B 27 /-</u>	2021100248	2021100468	2021100264
2021100448	<u>G06T 15 /-</u>		<u>G16B 40 /-</u>		
2021100484		2021100298	2021100492	<u>H01H 9 /-</u>	<u>H02M 1 /-</u>
2021100503	2021100292	2021100346		2021100468	2021100254
2021100527		2021100618	<u>G16B 45 /-</u>		2021100313
2021100538	<u>G06T 17 /-</u>			2021100468	2021100479
		<u>G08B 31 /-</u>	2021100248	<u>H01L 31 /-</u>	
<u>G06N 5 /-</u>	2021100292	2021100365	2021100434	2020104420	<u>H02M 7 /-</u>
2021100559	2021100350		<u>G16H 10 /-</u>		2021100397
2021100597	2021100446	<u>G08B 5 /-</u>		<u>H01L 51 /-</u>	2021100479
2021100643			2021100235	2020104413	
<u>G06N 7 /-</u>	2021100154	2021100049	2021100341	2021100470	<u>H02N 11 /-</u>
2021100311	<u>G06T 7 /-</u>	<u>G08B 7 /-</u>	2021100351		
2021100392			2021100430	<u>H01M 10 /-</u>	2021100397
2021100448	2021100049	2021100619	2021100554		<u>H02P 21 /-</u>
	2021100118	2021100629	2021100559	2021100113	
<u>G06N 99 /-</u>	2021100154	<u>G08C 17 /-</u>		<u>H01R 13 /-</u>	2021100355
2021100392	2021100350		<u>G16H 30 /-</u>		
	2021100367	2021100422	2021100492	2021100471	<u>H02P 25 /-</u>
<u>G06Q 10 /-</u>	2021100437		<u>G16H 40 /-</u>	<u>H02G 9 /-</u>	2021100354
2021100106	2021100474	<u>G08G 1 /-</u>			
2021100233	2021100538		2021100341	2021100273	<u>H02P 27 /-</u>
2021100236	2021100546	2021100298			
2021100291	2021100634	2021100543	<u>G16H 50 /-</u>	<u>H02J 1 /-</u>	2021100355
2021100291	<u>G07C 9 /-</u>	2021100546		2021100401	
2021100304		<u>G09B 19 /-</u>	2021100279		<u>H02P 29 /-</u>
2021100350	2021100346		2021100303	<u>H02J 13 /-</u>	2021100355
2021100446	2021100618	2020104282	2021100434		
2021100572			2021100492		
2021100597			2021100635	2021100233	
2021100608					

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<u>H02S 10 /-</u>	2021100210	2021100422
	2021100267	
2021100157	2021100323	<u>H05B 47 /-</u>
2021100419	2021100365	
2021100427	2021100420	2021100118
	2021100566	2021100316
<u>H02S 20 /-</u>	2021100570	2021100317
	2021100648	
2021100157		<u>H05K 7 /-</u>
2021100376	<u>H04L 9 /-</u>	
2021100427		2021100622
	2020104348	
<u>H02S 30 /-</u>	2021100143	<u>No IPC Mark</u>
	2021100235	
2021100376	2021100351	
	2021100420	
<u>H02S 40 /-</u>	2021100429	
	2021100430	
2021100427	2021100511	
	2021100554	
<u>H03H 17 /-</u>		
2021100247	<u>H04N 1 /-</u>	
	2020104195	
<u>H03L 7 /-</u>	2021100507	
2021100247		
	<u>H04N 13 /-</u>	
<u>H03M 1 /-</u>	2021100634	
2021100566		
	<u>H04N 19 /-</u>	
<u>H03M 7 /-</u>	2021100267	
2021100433		
	<u>H04N 21 /-</u>	
<u>H04B 1 /-</u>	2021100268	
2021100210	2021100420	
<u>H04B 11 /-</u>	<u>H04N 5 /-</u>	
2021100422	2021100300	
	2021100507	
<u>H04B 13 /-</u>	2021100570	
2021100422		
	<u>H04N 7 /-</u>	
<u>H04B 5 /-</u>	2021100365	
2021100560	2021100420	
	2021100570	
<u>H04B 7 /-</u>	<u>H04W 12 /-</u>	
2021100315	2020104348	
2021100420		
2021100422	<u>H04W 16 /-</u>	
<u>H04H 20 /-</u>	2021100420	
2021100298		
	<u>H04W 4 /-</u>	
<u>H04L 12 /-</u>	2021100210	
	2021100298	
2021100118	2021100365	
2021100323	2021100422	
2021100420	2021100493	
2021100476	2021100566	
<u>H04L 25 /-</u>	<u>H04W 72 /-</u>	
2021100315	2021100267	
<u>H04L 29 /-</u>	<u>H04W 84 /-</u>	
2020104348	2021100323	

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Name Index

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

<p>(71) 4D Pharma Research Limited (11) AU-A-2019322090 (21) 2019322090 (22) 19.08.2019 (54) Compositions comprising bacterial strains (51) Int. Cl. A61K 35/66 (2015.01) A61P 37/04 (2006.01) (87) WO2020/035623 (31) 18189521.0 (32) 17.08.18 (33) EP 1817648.7 29.10.18 GB 1900335.9 10.01.19 GB 1901203.8 29.01.19 GB (43) 20.02.2020 (72) MULDER, Imke Elisabeth; ADRIANI, Marsilio; HOLT, Amy Beth; CHRIS-TOFI, Maria; COWIE, Philip; RAFTIS, Emma; LAUTE-CALY, Delphine Louise Claudette; HENNESSY, Emma Elizabeth Clare; AHMED, Suaad; ET-TORRE, Anna (74) FB Rice Pty Ltd</p> <hr/> <p>(71) 9371-0184 Québec Inc. (11) AU-A-2019342706 (21) 2019342706 (22) 18.09.2019 (54) Optical probe and method for in situ soil analysis (51) Int. Cl. G01V 8/02 (2006.01) (87) WO2020/056506 (31) 62/732,755 (32) 18.09.18 (33) US (43) 26.03.2020 (72) MANGEAT, Gabriel; DE LEENER, Benjamin (74) James & Wells Intellectual Property</p> <hr/> <p>(71) Abboud, J. (11) AU-A-2020222065 (21) 2020222065 (22) 10.02.2020 (54) Joint spacers (51) Int. Cl. A61F 2/40 (2006.01) A61B 17/56 (2006.01) (87) WO2020/165716 (31) 62/804,800 (32) 13.02.19 (33) US (43) 20.08.2020 (72) ABOUD, Joseph A. (74) Spruson & Ferguson</p> <hr/> <p>(71) Abiomed, Inc. (11) AU-A-2018442000 (21) 2018442000 (22) 19.12.2018 (54) Data storage and retrieval system for non-contiguous medical device operational data (51) Int. Cl. G16H 40/67 (2018.01) H04L 29/08 (2006.01)</p>	<p>(87) WO2020/060579 (31) 16/137,053 (32) 20.09.18 (33) US (43) 26.03.2020 (72) AGNELLO, Alessandro Simone; LEMAY, Paul Roland (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ABL Bio Inc. (11) AU-A-2019326635 (21) 2019326635 (22) 21.08.2019 (54) Anti-PD-L1/anti-LAG3 bispecific antibodies and uses thereof (51) Int. Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) (87) WO2020/038397 (31) PCT/ CN2018/101547 (32) 21.08.18 (33) CN PCT/ 22.05.19 CN CN2019/087943 (43) 27.02.2020 (72) PARK, Eunyoung; LEE, Yangsoon; JUNG, Uijung; KIM, Youngkwang; KIM, Yeun Ju; PAK, Youngdon; LEE, Sang Hoon; YOU, Weon-Kyoo; JUNG, Jaeho; FANG, Lei; JIANG, Wenqing (74) Lord & Company</p> <hr/> <p>(71) Academisch Ziekenhuis Leiden (11) AU-A-2019349745 (21) 2019349745 (22) 26.09.2019 (54) Heating apparatus and methods (51) Int. Cl. A61N 1/40 (2006.01) (87) WO2020/067898 (31) 2021715 (32) 26.09.18 (33) NL 2021722 27.09.18 NL (43) 02.04.2020 (72) NELISSEN, Rob; PIJLS, Bart (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Aegeus Technologies Private Limited (11) AU-A-2019344106 (21) 2019344106 (22) 18.09.2019 (54) Automated system for cleaning solar panel (51) Int. Cl. F24S 40/20 (2018.01) B08B 1/00 (2006.01) B08B 1/04 (2006.01) B08B 15/00 (2006.01) F24S 40/10 (2018.01) (87) WO2020/058857 (31) 201841035203 (32) 18.09.18 (33) IN (43) 26.03.2020 (72) ROOGI, Praful (74) AEGEUS TECHNOLOGIES PRIVATE LIMITED</p> <hr/> <p>(71) Aeler Technologies SA (11) AU-A-2019342904 (21) 2019342904 (22) 18.09.2019 (54) Hybrid smart composite container and method of operating the container (51) Int. Cl. B65D 90/02 (2019.01) B65D 90/48 (2006.01) (87) WO2020/058873 (31) PCT/ IB2018/057139 (32) 18.09.18 (33) IB (43) 26.03.2020 (72) BAUR, David; LONDONO, Naik; CABROL, Quentin (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p> <hr/> <p>(71) Aernos, Inc. (11) AU-A-2019325607 (21) 2019325607 (22) 22.08.2019 (54) A digital back end, controlling and optimizing an analog front end to measure an array of nanomaterial-based gas sensors, supplying data to pattern recognition algorithms (51) Int. Cl. G01N 27/12 (2006.01) G01N 27/22 (2006.01) G01N 27/416 (2006.01) (87) WO2020/041642 (31) 62/721,289 (32) 22.08.18 (33) US 62/721,293 22.08.18 US 62/721,296 22.08.18 US 62/721,302 22.08.18 US 62/721,306 22.08.18 US 62/721,309 22.08.18 US 62/721,311 22.08.18 US 62/799,466 31.01.19 US (43) 27.02.2020 (72) CHEN, Albert; PILLAI, Pravin; DOSHI, Sundip R.; SU, Heng Chia; FRANK, Michael; VARGANOV, Alexey; HOSSAIN, Moazzem; LAMBERT, Herve (74) WRAYS PTY LTD</p> <hr/> <p>(71) Affinor Growers Inc. (11) AU-A-2019324959 (21) 2019324959 (22) 21.08.2019 (54) Vertical growing tower for automated horticulture and agriculture (51) Int. Cl. A01G 27/00 (2006.01) A01G 9/02 (2018.01) A01G 9/20 (2006.01) A01G 31/06 (2006.01) (87) WO2020/037417 (31) 16/106,733 (32) 21.08.18 (33) US (43) 27.02.2020 (72) BRUSATORE, Nicholas G.; ADOLF, Ron; FRASER, Ron G.; ADOLF, Ryan Ronald (74) HENRY HUGHES IP LTD</p>
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PCT applications which have entered the National Phase - Name Index cont'd

-
- (71) Ajinomoto Co., Inc.
 (11) AU-A-2019352571
 (21) 2019352571 (22) 02.10.2019
 (54) Leucine-enriched ketogenic formula-
 tions
 (51) Int. Cl.
A23L 33/00 (2016.01)
A23L 33/12 (2016.01)
A23L 33/17 (2016.01)
A61K 31/00 (2006.01)
A61K 31/19 (2006.01)
A61K 31/23 (2006.01)
A61P 25/28 (2006.01)
 (87) WO2020/070559
 (31) 62/741,506 (32) 04.10.18 (33) US
 (43) 09.04.2020
 (72) GINGRICH, Susan; REED, Robert;
 NAGAO, Kenji; NISHIKATA, Natsumi
 (74) Griffith Hack
-
- (71) Akeso Biopharma, Inc.
 (11) AU-A-2019332708
 (21) 2019332708 (22) 30.08.2019
 (54) Anti-PD-1 and anti-VEGFA bifunctional
 antibody, pharmaceutical composition
 thereof and use thereof
 (51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
G01N 33/68 (2006.01)
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B64D 27/24 (2006.01)
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C07F 9/572 (2006.01)
A61K 31/426 (2006.01)
A61P 9/00 (2006.01)
C07F 9/30 (2006.01)
C07F 9/32 (2006.01)
C07F 9/653 (2006.01)
C07F 9/6539 (2006.01)
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A43B 7/14 (2006.01)
A43B 13/14 (2006.01)
A43B 13/41 (2006.01)
A43B 23/22 (2006.01)
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A61K 9/20 (2006.01)
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C07H 21/04 (2006.01)
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G06Q 10/08 (2012.01)
G09F 3/20 (2006.01)
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G06Q 20/02 (2012.01)
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G06K 9/00 (2006.01)
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C07K 16/28 (2006.01)
C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
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 A01N 43/54 (2006.01)
 A01P 3/00 (2006.01)
 C07C 211/37 (2006.01)
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 C07D 213/82 (2006.01)
 C07D 239/28 (2006.01)
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A61P 35/00 (2006.01)
C07C 233/65 (2006.01)
C07D 237/32 (2006.01)
C07D 401/10 (2006.01)
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 (31) 201811285168.6 (32) 31.10.18 (33) CN
 201810985768.7 28.08.18 CN
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 201810994672.7 28.08.18 CN
 (43) 26.09.2019
 (72) CAO, Yinghui; WANG, Tao; WANG,
 Songfeng; ZHANG, Yong; CAO, Yun-
 song
 (74) Madderns Pty Ltd
-
- (71) Zapata Computing, Inc.
 (11) AU-A-2019365240
 (21) 2019365240 (22) 24.10.2019
 (54) Hybrid quantum-classical computer
 system for implementing and optimizing
 quantum Boltzmann machines
 (51) Int. Cl.
G06N 10/00 (2019.01)
B82Y 10/00 (2011.01)
 (87) WO2020/086867
 (31) 62/749,942 (32) 24.10.18 (33) US
 (43) 30.04.2020
 (72) ANSCHUETZ, Eric R.; CAO, Yudong
 (74) RnB IP Pty Ltd
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- (71) Zebra Technologies Corporation
 (11) AU-A-2019395668
 (21) 2019395668 (22) 18.10.2019
 (54) Method and apparatus for control of
 mobile automation apparatus light emit-
 ters
 (51) Int. Cl.
B25J 19/02 (2006.01)
G01S 17/88 (2006.01)
G01S 17/89 (2020.01)
 (87) WO2020/123035
 (31) 16/219,691 (32) 13.12.18 (33) US
 (43) 18.06.2020
 (72) CAO, Feng; SINGH, Harsoveet; TA-
 JEDDIN, Sadegh
 (74) Spruson & Ferguson
-
- (71) Zega Holdings Pty Ltd
 (11) AU-A-2019358967
 (21) 2019358967 (22) 02.10.2019
 (54) Cookware with electronic display
 (51) Int. Cl.
A47J 27/00 (2006.01)
A47J 36/00 (2006.01)
 (87) WO2020/073080
 (31) 18113121.5 (32) 12.10.18 (33) HK
 19100744.8 16.01.19 HK
 (43) 16.04.2020
 (72) DUNNE, Brendan; MOONEY, Brian;
 DUNNE, Cornelius; PEARCE, Tom
 (74) BOSH IP Pty Ltd
-
- (71) Zip Top LLC
 (11) AU-A-2019356774
 (21) 2019356774 (22) 07.10.2019
 (54) Flexible container with spouts and clos-
 ure

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- (51) Int. Cl.
B65D 33/25 (2006.01)
B65D 65/38 (2006.01)
B65D 75/58 (2006.01)
- (87) WO2020/076670
(31) 16/154,134 (32) 08.10.18 (33) US
(43) 16.04.2020
(72) FINELL, Rebecca M.; NELSON, Joshua J.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Zoetis Services LLC.
(11) AU-A-2019349414
(21) 2019349414 (22) 23.09.2019
(54) Process for preparing the compound 2,2-difluoro-n-((1r,2s)-3-fluoro-1-hydroxy-1-(4-(6-(s-methylsulfonimidoyl)pyridin-3-yl)phenyl)propan-2-yl)acetamide
- (51) Int. Cl.
C07D 213/71 (2006.01)
C07D 213/56 (2006.01)
- (87) WO2020/068607
(31) 62/735,353 (32) 24.09.18 (33) US
(43) 02.04.2020
(72) DEJONG, Randall Lee; KARRICK, Gregory Lee; STUK, Timothy Lee
(74) Davies Collison Cave Pty Ltd

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2018414993	DASH Engineering Pty Ltd	2019324040	Mitsubishi Gas Chemical Company, Inc.; Tohoku Techno Arch Co., Ltd.
2018437150	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019324134	The General Hospital Corporation
2018437297	The Giant Company Attractions Limited	2019324302	LG Electronics Inc.
2018437600	Reqmed Company, Ltd.	2019324733	ResMed Pty Ltd
2018438602	Kimberly-Clark Worldwide, Inc.	2019324948	PARTINGTON, J.M.
2018439638	Kimberly-Clark Worldwide, Inc.	2019324952	University of Technology Sydney
2018440060	Genting TauRx Diagnostic Centre Sdn Bhd	2019324953	OutofBox Solutions Tech Pty Ltd
2018440297	Huawei Technologies Co., Ltd.	2019324959	Affinor Growers Inc.
2018440988	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019325155	Truvian Sciences, Inc.
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2018441457	The Beachwaver Co.	2019325255	Rogcon, Inc.
2018441631	Huawei Technologies Co., Ltd.	2019325300	Spermosens AB
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2018442158	Neuroceuticals Inc.	2019325821	YILMAZ, H.I.
2018442389	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019325823	Apparent LLC; Singapore Health Services Pte Ltd
2018442451	Best Pacific Textile Ltd.	2019326241	Fisher & Paykel Healthcare Limited
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2018443041	Sulbana AG	2019326399	The Cleveland Clinic Foundation
2018443332	Huawei Technologies Co., Ltd.	2019326538	Citrix Systems, Inc.
2018443844	Nokia Shanghai Bell Co., Ltd.; Nokia Technologies Oy	2019326635	ABL Bio Inc.
2018443904	Raven Industries, Inc.	2019327424	Microquin Ltd.
2018444291	Sandvik SRP AB	2019327456	Ambx, Inc.
2018444625	Colgate-Palmolive Company	2019328101	LG Electronics Inc.
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2018451799	Tangshan Zhaolan Marine Technology Co., Ltd.; Beijing Institute of Control And Electronic Technology	2019330030	MOLMENTI, E.; McCANN, A.
2018452060	Beijing Institute of Control And Electronic Technology; Tangshan Zhaolan Marine Technology Co., Ltd.	2019330119	Lumus Ltd.
2018452878	Mitsubishi Electric Corporation	2019330385	Tritone Technologies Ltd.
2018456067	Halliburton Energy Services, Inc.	2019330648	CAMPBELL, R.V.
2018456082	Huawei Technologies Co., Ltd.	2019330822	Kimberly-Clark Worldwide, Inc.
2019236899	Yunnan Xike Science & Technology Co., Ltd.	2019330977	Bolt Biotherapeutics, Inc.; The Board of Trustees of the Leland Stanford Junior University
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2019320791	Trackonomy Systems, Inc.	2019331693	Salunda Limited
2019320842	Danze, M.; Danze, A.	2019332110	VR Coaster GmbH & Co. KG
2019321641	Frequency Therapeutics, Inc.	2019332700	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2019321643	The Research Foundation for State University Of New York; Wisconsin Alumni Research Foundation	2019332708	Akeso Biopharma, Inc.
2019321863	WaterTransformer GmbH	2019333058	Sonos, Inc.
2019322090	4D Pharma Research Limited	2019333093	Cloudbreak Therapeutics, LLC
2019322229	Fisher & Paykel Healthcare Limited	2019333270	The Curators of the University of Missouri
2019322897	SWISHER, D.E.; JORDAN, G.	2019333722	Hiroshima University
2019322904	Becton, Dickinson and Company	2019333794	LG Electronics Inc.
2019323306	NTT DoCoMo, Inc.	2019333865	RCV Engines Limited; KAAZ Corporation
2019323389	Shenzhen Pregene Biopharma Co. Ltd.	2019333919	University of Washington; RAJU, S.; GOLLAKOTA, S.; CHAN, J.; BLY, R.; NANDAKUMAR, R.
2019323444	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd	2019334065	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Med-shine Discovery Inc.
2019323446	Cullgen (Shanghai), Inc.	2019334724	LG Electronics Inc.
2019323625	Dolby International AB	2019335016	AMDT Holdings, Inc.
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2019323737	The University of Birmingham	2019335216	Lake Restoration Solutions, Inc.
2019323942	In Medical Group Pty Ltd	2019335236	Shanghai Sanyou Medical Co., Ltd.
		2019335308	Baxter International Inc.; Baxter Healthcare SA
		2019335417	EMvision Medical Devices Ltd

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2019335586	PPG Industries Ohio, Inc.	2019342703	University of Wollongong
2019335834	Angel Playing Cards Co., Ltd.	2019342704	Petróleo Brasileiro S.A. - Petrobras
2019336031	KONG, S.	2019342706	9371-0184 Québec Inc.
2019336180	Arizona Board of Regents on behalf of Arizona State University	2019342737	SharkNinja Operating LLC
2019336216	JDS Therapeutics, LLC	2019342741	Lineage Cell Therapeutics, Inc.
2019336230	Cidara Therapeutics, Inc.	2019342837	Echosens
2019336345	Trillium Therapeutics Inc.	2019342870	F. Holzer GmbH
2019336404	Shanghai Sipoo New Technology Co., Ltd.	2019342904	Aeler Technologies SA
2019336424	Changchun Meihe Science and Technology Development Co., Ltd.	2019343053	TeneoBio, Inc.
2019336610	William Marsh Rice University	2019343086	Wool Research Organisation of New Zealand Incorporated; SALEH, M.S.
2019336612	Kilt, LLC	2019343183	Baker Hughes Holdings LLC
2019337456	The Secretary of State for Defence; The University of Strathclyde	2019343184	Lentigen Technology, Inc.
2019337485	T & R Interior Systems Limited	2019343453	Hilti Aktiengesellschaft
2019337644	Huawei Technologies Co., Ltd.	2019343504	The Secretary of State for Foreign and Commonwealth Affairs
2019337786	Merck Patent GmbH	2019343514	Chiesi Farmaceutici S.p.A.
2019337807	Satavia Ltd	2019343529	Torrent Pharmaceuticals Limited
2019337989	Solenis Technologies Cayman, L.P.	2019343684	Shenzhen Signcomplex Ltd.
2019338023	Huawei Technologies Co., Ltd.	2019343723	Bayer Aktiengesellschaft
2019338050	Paua Trading Limited	2019343746	INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Nantes; Centre Hospitalier Universitaire de Nantes
2019338056	IERVOLINO, A.	2019343857	Daewoong Pharmaceutical Co., Ltd.
2019338307	Atara Biotherapeutics, Inc.	2019343934	Battelle Memorial Institute
2019338403	Oregon Health & Science University	2019343958	Grosport Enterprises Inc.
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2019338531	William Marsh Rice University	2019344090	Jijibaba Limited
2019338535	Modernatx, Inc.	2019344106	Aegeus Technologies Private Limited
2019338955	University of Ulster	2019344405	Huawei Technologies Co., Ltd.
2019339190	DnaNudge Limited	2019344407	Huawei Technologies Co., Ltd.
2019339401	Pharmosa Biopharm Inc.	2019344410	CSL Limited; CSL Innovation Pty Ltd; B-Creative Sweden AB
2019339410	Children's Hospital Medical Center	2019344443	MasterCard International Incorporated
2019339411	Huawei Technologies Co., Ltd.	2019344594	Teva Pharmaceuticals International GmbH
2019339507	PRESSLEY, R.; WIPPO, J.; GRAHAM Jr., J.H.	2019344704	Nissan Chemical Corporation
2019339508	Prelude Corporation	2019344813	Haven Technology Solutions LLC
2019339528	TLC Biopharmaceuticals, Inc.; Taiwan Liposome Co., Ltd.	2019344868	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2019340215	Auckland UniServices Limited	2019344897	Nikang Therapeutics, Inc.
2019340257	Ball Corporation	2019344899	Nikang Therapeutics, Inc.
2019340292	Huawei Technologies Co., Ltd.	2019344904	Metacrine, Inc.
2019340424	Avive Solutions, Inc.	2019344941	RTC Industries, Inc.
2019341067	MabPlex International, Ltd.	2019344978	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019341082	Ono Pharmaceutical Co., Ltd.	2019345039	salesforce.com, inc.
2019341169	i-SENS, Inc.	2019345040	salesforce.com, inc.
2019341284	Beijing Innocare Pharma Tech Co., Ltd.	2019345058	Avedro, Inc.
2019341285	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.; Haier US Appliance Solutions, Inc.	2019345061	Avedro, Inc.
2019341471	Bayer Aktiengesellschaft	2019345144	Pivot Bio, Inc.
2019341503	Kronos International, Inc.	2019345216	ICB Pharma Tomasz Świętosławski Paweł Świętosławski Spółka Jawna
2019341548	Albert-Ludwigs-Universität Freiburg	2019345229	MasterCard International Incorporated
2019341602	IP Ideas Production GmbH & Co. KG	2019345251	Rosemount Inc.
2019341709	Novartis AG	2019345279	APstem Therapeutics, Inc.
2019341733	Senecio Ltd.	2019345325	Teralytic Inc.
2019341747	Phaanix Pty Ltd	2019345538	China Enfi Engineering Corporation
2019341812	Sumitomo Electric Industries, Ltd.	2019345595	Otsuka Pharmaceutical Factory, Inc.
2019341969	Tokuyama Corporation	2019345757	Yichang Humanwell Pharmaceutical Co., Ltd
2019341976	Kabushiki Kaisha Yakult Honsha; General Incorporated Association Pharma Valley Project Supporting Organization	2019345878	Siemens Energy Global GmbH & Co. KG
2019342063	Firefly Automatix, Inc.	2019346012	Merck Patent GmbH; Pfizer Inc.
2019342100	Cestero, R.; Long, J.; Long, C.; Long, J.	2019346376	Apple Inc.
2019342130	Vdyne Inc.	2019346378	MED-EL Elektromedizinische Geraete GmbH
2019342193	South Australian Health and Medical Research Institute Limited	2019346417	Nesos Corp.
2019342197	President and Fellows of Harvard College	2019346456	Alkalest, Inc.
2019342301	The Secretary of State for Foreign and Commonwealth Affairs	2019346461	Krystal Biotech, Inc.
2019342329	ARAÚJO CARREIRA, G.	2019346515	Bauer, D.
2019342401	Syngenta Participations AG	2019346549	Krystal Biotech, Inc.
2019342593	H3 Dynamics Holdings Pte. Ltd.	2019346606	Landis+Gyr Innovations, Inc.
2019342602	GPCP IP Holdings LLC	2019346624	FMC Corporation
		2019346641	The Regents of the University of California
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2019348323	Hosch Fördertechnik GmbH	2019356032	Campbell, B.; Campbell, O.
2019348445	Single Buoy Moorings Inc.	2019356119	Becton Dickinson Rowa Germany GmbH
2019348606	Ichnos Sciences S.A.	2019356268	Lumenis Ltd
2019348732	Ipsen Biopharm Limited	2019356439	Conmed Corporation
2019348815	Kymab Limited	2019356458	Colgate-Palmolive Company
2019349011	Hangzhou Youngsun Intelligent Equipment Co., Ltd.	2019356483	Qualcomm Incorporated
2019349140	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.; Haier US Appliance Solutions, Inc.	2019356521	Monash University
		2019356526	Kakadu R & D Pty Ltd
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2019349396	CJ Cheiljedang Corporation	2019356774	Zip Top LLC
2019349414	Zoetis Services LLC.	2019356934	Avedro, Inc.
2019349422	Salesforce.com, inc.	2019357605	DSM IP Assets B.V.
2019349438	Antabio SAS	2019357611	Kellogg Company
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2019349658	WideOrbit LLC	2019357838	LEUNG, S.N.S.
2019349678	Pendulum Therapeutics, Inc.	2019358348	Nunhems B.V.
2019349745	Academisch Ziekenhuis Leiden	2019358419	Universität Zürich
2019349767	Rockwool International A/S	2019358585	Verona Pharma PLC
2019349863	Mereo BioPharma 1 Limited	2019358651	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019349979	Haviland Holdings Pty Ltd		
2019350356	Andersen, M.	2019358838	Nutri Co., Ltd.
2019350489	Generac Power Systems, Inc.	2019358967	Zega Holdings Pty Ltd
2019350525	Mereo BioPharma 1 Limited	2019359378	Bruin Biometrics, LLC
2019350528	Ipsen Biopharm Limited; Institute of Molecular And Cell Biology, Biomedical Sciences Institutes	2019359386	Kellogg Company
		2019359416	Hegenscheidt-MFD GmbH
2019350581	Sierra Oncology, Inc.	2019359520	Cellix Bio Private Limited
2019350593	ALUISETTI, M.; CIORICA, M.	2019359885	Array BioPharma Inc.
2019350867	YETI Coolers, LLC	2019359965	Unilever Global IP Limited
2019350874	Major League Baseball Properties, Inc.	2019360042	Lumenis Ltd
2019351022	Children's Hospital Medical Center	2019360360	Hortau Inc.
2019351113	J-Oil Mills, Inc.	2019360602	Andrew Wireless Systems GmbH
2019351134	The Regents of the University of California	2019361076	Unilever Global IP Limited
2019351151	Velano Vascular, Inc.	2019361097	Iconex LLC
2019351262	Sigilon Therapeutics, Inc.	2019361360	InPhoTech Spolka Z Ograniczona Odpowiedzialnoscia
2019351386	Unitika Ltd.	2019361709	US Nano Food & Drug Inc
2019351427	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2019361732	Calix Ltd
		2019361871	Genentech, Inc.
2019351469	Takeda Pharmaceutical Company Limited	2019361874	Transfinder Corporation
2019351551	Antabio SAS	2019361965	HeartFlow, Inc.
2019351585	Muddy River Technologies Inc.	2019362083	ConMed Corporation
2019351825	Capital One Services, LLC	2019362775	M.A. Med Alliance SA
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2019351954	VAN ROMPAY, B.G.	2019363627	RANSAN, L.
2019352002	L'Oreal	2019365119	Quantum Genomics; Institut National de la Sante et de la Recherche Medicale; Centre National De La Recherche Scientifique; College De France
2019352009	Inventiva		
2019352059	Unilever Ip Holdings B.V.	2019365240	Zapata Computing, Inc.
2019352154	Yoshino Gypsum Co., Ltd.	2019368024	University of Washington
2019352498	Cool Mine Pty Ltd	2019368295	Neptune-Benson, LLC
2019352501	TechVault Pty Ltd	2019369202	Elica S.p.A.
2019352571	Ajinomoto Co., Inc.	2019369322	MasterCraft Boat Company, LLC
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2019355292	NGUYEN, N.H.	2019377008	GANGADARAN, A.N.
2019355436	Capital One Services, LLC	2019377771	Iovance Biotherapeutics, Inc.
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2019389082 HySiLabs Sas
2019392722 Philip Morris Products S.A.
2019395668 Zebra Technologies Corporation
2019396151 Wheath Lohmann Centralin (GZ) Co., Ltd.
2019396833 Leica Biosystems Melbourne Pty Ltd
2019399480 Quality Executive Partners, Inc.
2019404614 Leica Biosystems Melbourne Pty Ltd
2019405940 Epicentre Technologies Corporation
2019408268 Leica Biosystems Melbourne Pty Ltd
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2019417023 DELGADO, R.
2019417418 Nexys Therapeutics, Inc.
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2019453130 Citrix Systems, Inc.
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2020204643 Seoul National University R&DB Foundation
2020206443 Illumina Cambridge Limited
2020222065 Abboud, J.
2020240383 Illumina, Inc.
2020301722 Canva Pty Ltd
2020316538 Central South University
2020327075 Central South University
2020331567 Commonwealth Scientific and Industrial Research Or-
ganisation
2020333534 BAEHR-JONES, T.W.
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<u>A01J 7 /-</u>	<u>A01P 21 /-</u>	<u>A24D 3 /-</u>	<u>A47G 21 /-</u>		<u>A61J 7 /-</u>
2019341969	2019343958		2019356032		2019356119
<u>A01K 1 /-</u>	<u>A01P 3 /-</u>	<u>A24F 47 /-</u>	<u>A47J 27 /-</u>		<u>A61K 31 /-</u>
2019341733	2019342401 2019343723 2019346624	2019236899 2019346515	2019358967		2018437600 2018445495 2019321641 2019323446 2019326265 2019326368 2019334065 2019336216 2019336345 2019337456 2019338535 2019339401 2019339528 2019341082 2019341284 2019341548 2019341709 2019341976 2019342703 2019343857 2019344868 2019344897 2019344899 2019344904 2019345216 2019345757 2019346012 2019346456
<u>A01K 29 /-</u>	<u>A01P 7 /-</u>	<u>A42B 3 /-</u>	<u>A47J 31 /-</u>		
2019341733	2019371591	2019236899 2019329868 2019346515	2019349140		
<u>A01K 5 /-</u>	<u>A23C 21 /-</u>	<u>A42B 3 /-</u>	<u>A47J 36 /-</u>		
2019350867	2019357611	2019328793	2019355550 2019358967		
<u>A01K 67 /-</u>	<u>A23D 9 /-</u>	<u>A43B 13 /-</u>	<u>A47J 37 /-</u>		
2019341733	2019382137	2019363627	2019341602		
<u>A01M 1 /-</u>	<u>A23G 9 /-</u>	<u>A43B 23 /-</u>	<u>A47J 41 /-</u>		
2019341733	2019352059 2019382137	2019363627	2019350867		
<u>A01M 23 /-</u>	<u>A23L 13 /-</u>	<u>A43B 5 /-</u>	<u>A47K 10 /-</u>		
2019324953	2019351113	2019363627	2018438602		
<u>A01M 25 /-</u>	<u>A23L 17 /-</u>	<u>A43B 7 /-</u>	<u>A47L 11 /-</u>		
2019324953	2019351113	2019363627	2019342737		
<u>A01M 29 /-</u>	<u>A23L 19 /-</u>	<u>A44C 21 /-</u>	<u>A47L 5 /-</u>		
2019324953	2019357838	2019335834	2019342737		

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2019349438	2019361871	<u>A61M 11 /-</u>	<u>A61P 17 /-</u>	2019341976	<u>A63B 35 /-</u>
2019350581				2019342703	
2019351427	<u>A61K 45 /-</u>	2019346515	2019341976	2019343053	2019335185
2019351469			2019343514	2019343184	
2019351551	2019341976	<u>A61M 13 /-</u>	2019346461	2019344410	<u>A63B 69 /-</u>
2019351925	2019343746			2019344897	
2019352009	2019346012	2019320695	<u>A61P 19 /-</u>	2019344899	2019350874
2019352571	2019377771	2019322229		2019345757	
2019354784		2019325814	2018437600	2019348606	<u>A63C 19 /-</u>
2019358585	<u>A61K 47 /-</u>	2019326241		2019350581	
2019359520			<u>A61P 21 /-</u>	2019351427	2019350874
2019359885	2019321641	<u>A61M 15 /-</u>		2019352009	<u>A63F 9 /-</u>
2019361709	2019330977		2019344410	2019358419	
2019361871	2019336345	2019346515	2019351925	2019359885	2019335834
2019362788	2019342703	<u>A61M 16 /-</u>	<u>A61P 25 /-</u>	2019361871	2019350593
2019365119	2019355041			2019362788	
2019368295	2019358585	2019324733	2019329835	2019377771	<u>B01D 1 /-</u>
2019371591	2019361709		2019341082	2019410075	
2019417418	2019376076	<u>A61M 25 /-</u>	2019349438	2019417418	2019321863
			2019351551		
<u>A61K 35 /-</u>	<u>A61K 48 /-</u>	2019343998	2019352571	<u>A61P 37 /-</u>	<u>B01D 19 /-</u>
		2019347504	2019359520		
2019322090	2018445968	2019351151		2019322090	2019344813
2019323389	2019323389		<u>A61P 27 /-</u>	2019326265	
2019336180	2019325255	<u>A61M 31 /-</u>		2019343746	<u>B01D 25 /-</u>
2019338307	2019338535		2018445968	2019355041	
2019339410	2019342197	2019375998	2019321641	2019356521	2019424414
2019345279			2019333093		
2019349678	<u>A61K 8 /-</u>	<u>A61M 39 /-</u>	2019341709	<u>A61P 43 /-</u>	<u>B01D 35 /-</u>
2019351022			2019351134		
2019351134	2018444625	2019326241		2019341082	2019357605
2019351262	2019336216		<u>A61P 29 /-</u>	2019341976	<u>B01D 39 /-</u>
2019357605	2019338403	<u>A61M 5 /-</u>		2019351469	
2019358838	2019353969		2019326368		2019341812
2019377771	2019359965	2019343998	2019338955	<u>A61P 7 /-</u>	
	2019361076	2019344594	2019355041		<u>B01D 5 /-</u>
<u>A61K 38 /-</u>	<u>A61K 9 /-</u>	<u>A61N 1 /-</u>	<u>A61P 3 /-</u>	2019348815	<u>B01D 53 /-</u>
					2019321863
2018445968	2018437600	2019282656	2018437600	<u>A61P 9 /-</u>	
2019336031	2018445495	2019340424	2019326265	2019326368	<u>B01D 61 /-</u>
2019336345	2019321641	2019343934	2019326368	2019351925	2019363169
2019338535	2019325255	2019349745	2019351925	2019365119	
2019343514	2019333093	2019357613			<u>B01D 61 /-</u>
2019346549	2019336216	2019377008	<u>A61P 31 /-</u>	<u>A61Q 15 /-</u>	2019323737
2019348732	2019337456				
2019348815	2019338535	<u>A61N 5 /-</u>	2019344868	2019359965	2019323737
2019350356	2019339401		2019345757	2019361076	<u>B01D 69 /-</u>
2019351262	2019339528	2019345061	2019349438		
2019355041	2019342703	2019356268	2019351551	<u>A61Q 19 /-</u>	2019341812
2019376076	2019349678	2019356934	2019354784		
	2019351262	<u>A61P 1 /-</u>	2019358838	2018444625	<u>B01D 71 /-</u>
<u>A61K 39 /-</u>	2019355041		2019361871	2019353969	
	2019358585	2019341976		<u>A61Q 3 /-</u>	2019341812
2019323389	2019359520	2019343857	<u>A61P 33 /-</u>		<u>B01F 7 /-</u>
2019324134	2019375998	2019351469		2019336216	
2019326635		2019356521	2019345216	<u>A61Q 5 /-</u>	2019329926
2019327456	<u>A61L 2 /-</u>		2019371591		
2019332708		<u>A61P 11 /-</u>	<u>A61P 35 /-</u>	<u>A61Q 5 /-</u>	<u>B01J 20 /-</u>
2019336230	2018442493			2019353969	
2019337456		2019326368	2019323389		2019363169
2019338307	<u>A61L 29 /-</u>	2019341976	2019323446	<u>A61Q 7 /-</u>	
2019338955		2019358585	2019326265		<u>B01L 3 /-</u>
2019341067	2019362775		2019326635	2019336216	
2019341548		<u>A61P 13 /-</u>	2019327456		2019322904
2019343746	<u>A61L 31 /-</u>		2019330977	<u>A62C 2 /-</u>	2019325155
2019344410		2018437600	2019332708	2018442681	2019326290
2019344594	2019342703		2019334065	<u>A63B 31 /-</u>	2019396833
2019346012		<u>A61P 15 /-</u>	2019336345		
2019348815	<u>A61M 1 /-</u>		2019338307	2019335185	<u>B01L 7 /-</u>
2019351427		2019341976	2019338535		
2019354101	2019320695		2019341548		2019338531
2019356521					
2019358419					

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<u>B01L 9 /-</u>	<u>B29C 65 /-</u>	<u>B63B 59 /-</u>	<u>B65D 71 /-</u>	2019323737 2019351585	<u>C07C 31 /-</u>
2019408268	2018443904	2019351954	2019359386		2019336424
<u>B02C 2 /-</u>	<u>B32B 1 /-</u>	<u>B64C 1 /-</u>	<u>B65D 75 /-</u>	<u>C02F 11 /-</u>	<u>C07C 327 /-</u>
2018444291	2019338050	2019331501	2019352059 2019356774	2019335216 2019339507	2019341082
<u>B05B 11 /-</u>	<u>B32B 27 /-</u>	<u>B64C 39 /-</u>	<u>B65D 77 /-</u>	<u>C02F 3 /-</u>	<u>C07C 39 /-</u>
2019342870	2019328764 2019330822 2019338050	2019325249 2019331501 2019342593	2019359386	2019339507	2019324952
<u>B05C 3 /-</u>	<u>B32B 3 /-</u>	<u>B64D 1 /-</u>	<u>B65D 81 /-</u>	<u>C04B 22 /-</u>	<u>C07C 49 /-</u>
2019396833	2019338050	2019325249	2019350867 2019359386	2019344704	2019324952
<u>B07B 1 /-</u>	<u>B32B 5 /-</u>	<u>B64D 27 /-</u>	<u>B65D 83 /-</u>	<u>C04B 28 /-</u>	<u>C07C 50 /-</u>
2019375922	2018442451 2019325821 2019338050	2019342593	2018438602 2019342870	2019344704	2019324952
<u>B08B 1 /-</u>	<u>B32B 7 /-</u>	<u>B64D 37 /-</u>	<u>B65D 85 /-</u>	<u>C05F 11 /-</u>	<u>C07D 207 /-</u>
2019344106	2019338050	2019342593	2019352059	2019345144	2019323444 2019343857
<u>B08B 15 /-</u>	<u>B32B 9 /-</u>	<u>B64D 41 /-</u>	<u>B65D 90 /-</u>	<u>C07C 211 /-</u>	<u>C07D 213 /-</u>
2019344106	2019352154	2019342593	2019342904	2019342401	2019326265 2019342401 2019349414 2019417418
<u>B08B 3 /-</u>	<u>B33Y 10 /-</u>	<u>B64G 1 /-</u>	<u>B65G 1 /-</u>	<u>C07C 221 /-</u>	
2019325694	2019330385	2019324948	2019356119	2019324952	<u>C07D 217 /-</u>
<u>B09B 1 /-</u>	<u>B33Y 30 /-</u>	<u>B65B 1 /-</u>	<u>B65G 45 /-</u>	<u>C07C 225 /-</u>	<u>C07D 219 /-</u>
2019352501	2019330385	2019370264	2019348323	<u>C07C 227 /-</u>	<u>C07D 231 /-</u>
<u>B09B 3 /-</u>	<u>B41M 3 /-</u>	<u>B65B 11 /-</u>	<u>B65G 47 /-</u>	2019354251	2019343529 2019350525
2019336612	2019361097	2019349011	2019356119	<u>C07C 229 /-</u>	
<u>B23B 31 /-</u>	<u>B60N 2 /-</u>	<u>B65B 43 /-</u>	<u>B65H 26 /-</u>	2019354251	<u>C07D 233 /-</u>
2019354384	2019387198	2019370264	2019340257	<u>C07C 231 /-</u>	2019371591
<u>B23K 26 /-</u>	<u>B61D 27 /-</u>	<u>B65C 9 /-</u>	<u>B82Y 10 /-</u>	2019342401	<u>C07D 237 /-</u>
2019330822	2020327075	2019361097	2019365240	<u>C07C 233 /-</u>	2019323444 2019336345
<u>B25D 17 /-</u>	<u>B61F 5 /-</u>	<u>B65D 30 /-</u>	<u>C01B 3 /-</u>	2019336345	<u>C07D 239 /-</u>
2019354384	2019359416	2018441669	2019342329 2019389082	<u>C07C 235 /-</u>	2019341471 2019342401 2019345216 2019352009
<u>B25J 11 /-</u>	<u>B61K 9 /-</u>	<u>B65D 33 /-</u>	<u>C01B 32 /-</u>	2019341082	
2019334724	2019359416	2019356774	2019336610	<u>C07C 241 /-</u>	<u>C07D 241 /-</u>
<u>B25J 19 /-</u>	<u>B62B 7 /-</u>	<u>B65D 47 /-</u>	<u>C01B 33 /-</u>	2019349863	2019342401
2019395668	2019344090	2019342870	2019336612 2019344704	<u>C07C 251 /-</u>	<u>C07D 249 /-</u>
<u>B25J 9 /-</u>	<u>B62B 9 /-</u>	<u>B65D 5 /-</u>	<u>C01F 11 /-</u>	2019342401	2019344868
2019334724	2018441134	2018438602 2018439638	2019361732	<u>C07C 255 /-</u>	<u>C07D 261 /-</u>
<u>B26D 7 /-</u>	<u>B62D 55 /-</u>	<u>B65D 51 /-</u>	<u>C01F 5 /-</u>	2019324952	2019341709
2019330822	2019322897	2019359386 2019396151	2019361732	<u>C07C 29 /-</u>	<u>C07D 271 /-</u>
<u>B29B 17 /-</u>	<u>B63B 29 /-</u>	<u>B65D 65 /-</u>	<u>C02F 1 /-</u>	2019336424	2019351944
2019329926	2019369322	2019356774	2019321863	<u>C07C 309 /-</u>	<u>C07D 275 /-</u>
<u>B29C 64 /-</u>				2019345216	2019326265
2019330385					

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2019352009		2019351427	<u>C08L 97 /-</u>	2019346624	2019405940
<u>C07D 277 /-</u>	<u>C07D 487 /-</u>	2019356521		2019352842	2020206443
	2019326368	2019358419	2019351914	2019363487	2020240383
2019349438	2019336345	2019361871	<u>C09C 1 /-</u>	<u>C12N 15 /-</u>	<u>C12R 1 /-</u>
2019351551	2019341709	2019410075			
<u>C07D 307 /-</u>	2019352009	<u>C07K 19 /-</u>	2019341503	2019323389	2019346624
	<u>C07D 491 /-</u>		2019342329	2019325255	
2019342401		2019323389	<u>C09D 133 /-</u>	2019332708	<u>C22B 3 /-</u>
	2019344897	2019336345		2019333722	
<u>C07D 309 /-</u>	2019352009	<u>C08B 3 /-</u>	2019331373	2019336180	2019345538
				2019338535	
2019341082	<u>C07D 495 /-</u>	2019343086	<u>C09D 139 /-</u>	2019341548	<u>C22B 59 /-</u>
				2019342193	
<u>C07D 401 /-</u>	2019352009	<u>C08F 218 /-</u>	2019337989	2019345144	2019345538
				2019346461	<u>C40B 50 /-</u>
2019323446	<u>C07D 498 /-</u>	2019333270	<u>C09D 5 /-</u>	2019347408	
2019336345				2019348732	2019368024
2019341284	2019334065	<u>C08F 220 /-</u>	2019331373	2019349396	
2019343529	2019351469			2019351262	<u>D01B 1 /-</u>
2019344897		2019331373	<u>C09D 7 /-</u>	2019358348	
2019344904	<u>C07D 513 /-</u>	2019333270		2019363487	2019348041
2019346456			2019331373	2020206443	
2019350581	2019326368	<u>C08F 226 /-</u>	<u>C09J 163 /-</u>	<u>C12N 5 /-</u>	<u>D01D 5 /-</u>
2019359885					
2019371591	<u>C07D 515 /-</u>	2019337989	2019343453	2019321641	2018442451
2019417418		2019341169		2019323389	<u>D01F 2 /-</u>
	2019326368	<u>C08F 8 /-</u>	<u>C09K 21 /-</u>	2019325300	
<u>C07D 403 /-</u>	<u>C07D 519 /-</u>			2019336031	2019343086
		2019331373	2018442681	2019339410	
2019323444	2019344897	2019337989	<u>C09K 8 /-</u>	2019339508	<u>D01F 8 /-</u>
2019336345	2019344899			2019342741	
2019341471	2019359885	<u>C08G 18 /-</u>	2019333270	2019343184	2019351386
2019343529			2019344704	2019345595	<u>D03D 11 /-</u>
2019352009	<u>C07F 5 /-</u>	2019335586	<u>C10B 47 /-</u>	2019346641	
				2019351022	2018442451
<u>C07D 405 /-</u>	2019352009	<u>C08G 59 /-</u>	2019342329	2019351134	<u>D03D 15 /-</u>
				2019357605	
2019329835	<u>C07F 9 /-</u>	2019343453	<u>C10B 53 /-</u>	2019377771	
2019341471				<u>C12N 9 /-</u>	2018442451
2019342401	2019365119	<u>C08G 77 /-</u>	2019342329		2019351386
2019417418				2019333722	<u>D04B 1 /-</u>
<u>C07D 407 /-</u>	<u>C07H 21 /-</u>	2019389082	<u>C10G 1 /-</u>	2019341548	
				2019345144	2019351386
2019342401	2019325255	<u>C08H 7 /-</u>	2019342329	2019349396	
	2019338535			2019350356	<u>D04B 21 /-</u>
<u>C07D 413 /-</u>	<u>C07K 14 /-</u>	2019336612	<u>C10L 1 /-</u>	2019358348	
				2019363487	2019351386
2019334065	2019327424	<u>C08J 3 /-</u>	<u>C11D 11 /-</u>	2019368024	
2019341471	2019336031				<u>D04C 1 /-</u>
2019341709	2019336345	2019333270	2019342329		
2019343529	2019342193	<u>C08J 5 /-</u>		<u>C12P 13 /-</u>	2019351386
2019346456	2019343184		2019343183		
2019351944	2019346549	2019330822	<u>C11D 3 /-</u>	2019349396	<u>D04H 1 /-</u>
	2019376076	<u>C08K 3 /-</u>		<u>C12P 19 /-</u>	
<u>C07D 417 /-</u>	<u>C07K 16 /-</u>		2019343183	2019368024	2019325821
		2019333270			<u>D06F 34 /-</u>
2019326368	2019323389	2019341503	<u>C11D 7 /-</u>	<u>C12P 21 /-</u>	
2019341471	2019324134				2019324302
2019352009	2019326635	<u>C08K 5 /-</u>	2019343183	2019347408	
	2019327456				<u>D06F 37 /-</u>
<u>C07D 419 /-</u>	2019332708	2019333270	<u>C12M 1 /-</u>	<u>C12Q 1 /-</u>	
	2019336031	<u>C08K 9 /-</u>			2019324302
2019326368	2019338955		2019351022	2019337786	
	2019341548	2019341503	2019357605	2019338531	<u>D06F 58 /-</u>
<u>C07D 471 /-</u>	2019343053	<u>C08L 33 /-</u>	<u>C12N 1 /-</u>	2019341169	
	2019343184			2019342197	2019333794
2019326368	2019343746		2019327424	2019346641	
2019336345	2019347408	2019333270	2019345144	2019350528	<u>D07B 1 /-</u>
2019344868	2019348606		2019345595	2019368024	
2019350581	2019348815				2019330648
2019359885					

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D07B 7 /-	E21B 21 /-	F16K 31 /-	F25C 1 /-	G01N 1 /-	G01T 1 /-
2019330648	2018456067	2019323737	2019341285	2019396833	2019355055
D21H 11 /-	E21B 41 /-	F16L 27 /-	F25C 5 /-	2019404614	G01V 8 /-
2019337989	2018456067	2019349979	2019341285	2019408268	2019342706
D21H 17 /-	F01L 7 /-	F17D 5 /-	F27B 17 /-	G01N 15 /-	G01V 9 /-
2019337989	2019333865	2019342704	2019371428	2019360360	2019360360
2019341503	F02F 1 /-	F21S 10 /-	F27D 99 /-	2019370154	G02B 1 /-
D21H 19 /-	2019333865	2018437297	2019371428	2020327075	2019330119
2019341503	F03D 80 /-	F21S 8 /-	F28G 9 /-	G01N 21 /-	G02B 13 /-
D21H 21 /-	2019332700	2019343684	2019343183	2019329926	2019346376
2019341503	F03G 3 /-	F21V 23 /-	G01B 11 /-	2019338531	G02B 21 /-
D21H 27 /-	2019324948	2019343684	2019359416	2019355055	2019370154
2019341503	F03G 7 /-	F21V 8 /-	G01B 3 /-	G01N 27 /-	G02B 26 /-
E01H 1 /-	2019324948	2019330119	2019340257	2019325607	2019360042
2018445763	F16B 11 /-	F23G 5 /-	G01B 5 /-	G01N 29 /-	G02B 27 /-
E02B 1 /-	2019355292	2019342329	2019348323	2019342704	2019330119
2019335216	F16B 12 /-	F23G 7 /-	2019359416	G01N 30 /-	2019332110
E02B 13 /-	2019355292	2019342329	G01C 21 /-	2020333534	2019360042
2019335216	2019376271	F23K 1 /-	2019361874	G01N 31 /-	G02B 6 /-
E02B 3 /-	F16B 47 /-	2019342329	G01D 5 /-	2018445495	2019330119
2019335216	2019355292	F24C 15 /-	2019352739	2019325155	G05D 3 /-
E02D 19 /-	F16B 5 /-	2019320842	G01F 1 /-	2019325300	2019336404
2019335216	2019375922	2019369202	2019325340	2019329926	G06F 11 /-
E04B 1 /-	F16C 13 /-	F24F 11 /-	G01H 7 /-	2019332708	2019326538
2018442681	2018414993	2018451457	2019346641	2019336230	G06F 13 /-
2019328764	F16C 33 /-	F24S 40 /-	2019348606	2019339508	2018452878
2019338428	2018414993	2019344106	2019350528	2019345325	G06F 16 /-
E04B 2 /-	F16F 9 /-	F24S 50 /-	2019396833	2019346641	2019338056
2019337485	2019387198	2019321643	2019404614	2019348606	2019343504
E04B 5 /-	F16G 11 /-	F24S 70 /-	G01J 3 /-	2020327075	2019345039
2019338428	2019325547	2019321643	2019329926	G01N 35 /-	2019346606
E04C 2 /-	2019330648	F25B 1 /-	G01K 1 /-	2019404614	G06F 17 /-
2019352154	F16H 33 /-	2019349140	2019321643	2019410098	2019349658
E04F 13 /-	2019324948	F25B 23 /-	2019349391	G01R 15 /-	2020333534
2019352154	F16J 15 /-	2019321643	G01K 11 /-	G01R 35 /-	G06F 21 /-
E04H 15 /-	2018414993	F25B 49 /-	2019361360	2019345878	2019338056
2019352501	F16K 17 /-	2018451457	G01K 13 /-	2019350489	2019345039
E04H 9 /-	2019323737	F25B 9 /-	G01M 17 /-	2019350489	2019346606
2019337485	2019352498	201932498	2019359416	G01S 17 /-	2019355127
			G01M 3 /-	2019331693	G06F 3 /-
			2019325340	2019395668	2018456082
			2019342704	G01S 5 /-	2019346606
				2019331693	2019384828
				2019345251	2019399480

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<u>G06F 40 /-</u>	<u>G06T 5 /-</u>	<u>G16H 30 /-</u>	<u>H01R 24 /-</u>	<u>H04J 14 /-</u>	<u>H04N 7 /-</u>
2020301722	2020339292	2019335308	2019359378	2019330119	2020331567
<u>G06F 7 /-</u>	<u>G06T 7 /-</u>		<u>H01R 4 /-</u>	<u>H04L 1 /-</u>	<u>H04N 9 /-</u>
2019355055	2019324953	<u>G16H 40 /-</u>	2019323633	2019323306	2020331567
<u>G06F 8 /-</u>	2019340215	2018442000		2019444320	<u>H04R 1 /-</u>
2019326538	2019361965	2019335308	<u>H01R 9 /-</u>	<u>H04L 12 /-</u>	2019333794
	2019370154	2019340424	2019323633	2018441631	2019333919
	2019371072	2019372236		2018442113	
	2020240383	2019384828	<u>H01S 3 /-</u>	2019338056	<u>H04R 25 /-</u>
<u>G06F 9 /-</u>	<u>G06T 9 /-</u>	<u>G16H 50 /-</u>	2019360042	2019342301	2019282656
2019326538	2019355489	2018440060		2019351825	2019333919
2019453130		2019326399	<u>H01S 5 /-</u>	<u>H04L 27 /-</u>	2019346378
<u>G06K 19 /-</u>	<u>G07F 11 /-</u>	2019345058	2019360042	2018442389	2019346417
2019320791	2019356119	2019361965		2018451596	<u>H04R 29 /-</u>
2019355436		<u>G16H 80 /-</u>	<u>H02G 1 /-</u>	2018451799	
	<u>G07F 7 /-</u>	2019340424	2019325547	2018452060	2019333919
<u>G06K 9 /-</u>		<u>G21F 9 /-</u>	<u>H02G 15 /-</u>	<u>H04L 29 /-</u>	<u>H04R 5 /-</u>
2019324953	<u>G07F 9 /-</u>	2019352501	2019323633	2018442000	2019333919
2019341733	2019344941		2019325547	2018443844	
2019343959		<u>H01B 1 /-</u>	<u>H02K 1 /-</u>	2019326538	<u>H04W 12 /-</u>
2019349422	<u>G08B 13 /-</u>	2019324040	2019341747	2019342301	2019355127
2019370154	2019343959	<u>H01B 13 /-</u>	<u>H02K 35 /-</u>	2019343504	2019355645
2019455810	2020333534		2019341747	2019351825	
2020316538	<u>G09B 9 /-</u>	2019324040		2019355127	<u>H04W 28 /-</u>
2020335016	2019399480	2019341169	<u>H02K 53 /-</u>	2019356751	2018441631
<u>G06N 10 /-</u>	<u>G09F 3 /-</u>	<u>H01F 27 /-</u>	2019341747	<u>H04L 5 /-</u>	2019323306
2018442815	2019344941	2019350489		2018441785	
2019365240	2019361097	<u>H01F 38 /-</u>	<u>H02K 7 /-</u>	<u>H04L 7 /-</u>	2018443332
<u>G06N 3 /-</u>		2019350489	2019341747	2018440988	2019345251
2020327075	<u>G10L 15 /-</u>	<u>H01L 35 /-</u>	2019341747	<u>H04L 9 /-</u>	2019355645
<u>G06Q 10 /-</u>	2019324302		<u>H02M 1 /-</u>	<u>H04N 13 /-</u>	<u>H04W 40 /-</u>
2019337807	2019333794	2019352498	2019342100	2019337644	2018442113
2019344941		<u>H01L 41 /-</u>	<u>H03F 3 /-</u>	2020331567	2019355645
<u>G06Q 20 /-</u>	<u>G10L 19 /-</u>	2019348445	2019360602	<u>H04N 19 /-</u>	<u>H04W 72 /-</u>
2019338056	2018442039	<u>H01M 10 /-</u>	<u>H03K 17 /-</u>	2018440297	2018437150
2019344443	2019323625	2019324040	2019360602	2019338463	2019323306
2019345039	<u>G16B 30 /-</u>	<u>H01M 4 /-</u>	<u>H04B 1 /-</u>	2019339411	2019338023
2019345040	2020240383	2019324040		2019340292	2019344405
2019345229		<u>H01M 50 /-</u>	2018451596	2019343959	<u>H04W 74 /-</u>
2019355436	<u>G16B 40 /-</u>	2020202293	2018452060	2019344407	
<u>G06Q 30 /-</u>	2020240383	<u>H01Q 1 /-</u>	<u>H04B 13 /-</u>	2019344978	2018440988
2019338056	<u>G16B 5 /-</u>	2019335417		2019356483	2019344405
2019349658	2019399480	2020333534	2018451799	2019356526	
<u>G06T 1 /-</u>	<u>G16H 10 /-</u>	<u>H01R 13 /-</u>	2018452060	2019358651	<u>H05B 3 /-</u>
2019343959	2019335308		<u>H04B 17 /-</u>	<u>H04N 21 /-</u>	2019371428
<u>G06T 11 /-</u>		<u>H01R 24 /-</u>	2019355968	2019333058	<u>H05B 6 /-</u>
2019335417	<u>G16H 20 /-</u>	2019325547		2019343959	
<u>G06T 19 /-</u>	2019335308	2019359378	<u>H04B 5 /-</u>	<u>H04N 5 /-</u>	2019320842
2019399480	2019339190		2019355436	2020331567	2019328101

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<p>(71) 3TEMP AB (11) AU-B-2016274559 (21) 2016274559 (22) 08.06.2016 (54) Brewing system and process of brewing a beverage (51) Int. Cl. A47J 31/54 (2006.01) (87) WO2016/198442 (31) 15001700.2 (32) 09.06.15 (33) EP (43) 15.12.2016 (44) 15.04.2021 (72) Eriksson, Anders (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Active Implants LLC (11) AU-B-2018306724 (21) 2018306724 (22) 27.07.2018 (54) Floating joint replacement device with supportive sidewall (51) Int. Cl. A61F 2/38 (2006.01) (87) WO2019/023619 (31) 62/538,109 (32) 28.07.17 (33) US (43) 31.01.2019 (44) 15.04.2021 (72) ELSNER, Jonathan J.; LINDER-GANZ, Eran; KLYCE, Henry A. (74) FB Rice Pty Ltd</p>	<p>(71) Air Products and Chemicals, Inc. (11) AU-B-2019202814 (21) 2019202814 (22) 22.04.2019 (54) METHOD AND SYSTEM FOR COOLING A HYDROCARBON STREAM USING A GAS PHASE REFRIGERANT (51) Int. Cl. F25J 1/02 (2006.01) C10L 3/08 (2006.01) C10L 3/10 (2006.01) (31) 15/964,302 (32) 27.04.18 (33) US (43) 14.11.2019 (44) 15.04.2021 (72) Krishnamurthy, Gowri; Roberts, Mark Julian (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd</p>
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<p>(71) ACTEGA North America Technologies, Inc. (11) AU-B-2018367453 (21) 2018367453 (22) 14.11.2018 (54) Thin film adhesive labels and methods of making thereof (51) Int. Cl. C09J 7/10 (2018.01) B32B 27/08 (2006.01) G09F 3/10 (2006.01) (87) WO2019/099484 (31) 62/588,027 (32) 17.11.17 (33) US (43) 23.05.2019</p>	<p>(71) Adobe Inc. (11) AU-B-2016277556 (21) 2016277556 (22) 19.12.2016 (54) 3D DIGITAL CONTENT INTERACTION AND CONTROL (51) Int. Cl. G06F 3/048 (2006.01) (31) 62/297,607 (32) 19.02.16 (33) US 15/221,134 27.07.16 US (43) 02.11.2017 (44) 15.04.2021 (72) Corazza, Stefano (74) RnB IP Pty Ltd</p>	<p>(71) Alstom Transport Technologies (11) AU-B-2016204264 (21) 2016204264 (22) 22.06.2016 (54) System and method for controlling a wayside device (51) Int. Cl. B61L 29/28 (2006.01) G05B 11/14 (2006.01) G08G 1/097 (2006.01) (31) 62/184,936 (32) 26.06.15 (33) US (43) 19.01.2017 (44) 15.04.2021 (72) Shields, William David; Ballinger, Forrest; Fries, Jeffrey Michael; Anderson, Larry John; Wheeler, Wayne Nelson (74) Davies Collison Cave Pty Ltd</p>
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G16H 40/40 (2018.01)
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B29C 43/48 (2006.01)
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C23C 26/00 (2006.01)
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A61P 13/00 (2006.01)
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 G02C 5/14 (2006.01)
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2015246132	Qioptiq Limited	2016347239	Grand Pharma (China) Co., Ltd.; Chongqing Antixin Biotechnology Co. Ltd
2015259571	Janssen Pharmaceutica NV	2016349943	Wiltshire, S.J.P.
2015261380	Koninklijke Nederlandse Akademie van Wetenschappen	2016360886	Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique; Universite de Nantes; Universite d'Angers; The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services
2015269184	Genzyme Corporation	2016362443	Alpha Biopesticides Limited
2015286462	Metcela Inc.	2016363776	Puratos NV
2015286569	Genmab A/S	2016364422	Sumitomo Chemical Company, Limited
2015289617	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.	2016364819	Butterfly Network, Inc.
2015309197	Electrolux Appliances Aktiebolag	2016369930	Uvex Arbeitsschutz GmbH
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2015317193	ABB Schweiz AG	2016381806	Thermogenesis Corporation
2015327812	Cedars-Sinai Medical Center	2016383027	Ascendis Pharma A/S
2015332212	GW Pharma Limited	2016396166	Flying Squirrel Sports, LLC
2015333542	ShawCor Ltd.	2016397049	I6 Group Limited
2015342715	Breville Pty Limited	2016412924	Kimberly-Clark Worldwide, Inc.
2015347148	Mai, J.	2017206952	Bayer CropScience Aktiengesellschaft
2015364282	Integrated DNA Technologies, Inc.	2017206953	Bayer CropScience Aktiengesellschaft
2015375530	Razer (Asia-Pacific) Pte. Ltd.	2017209194	Axonics Modulation Technologies, Inc.
2015389862	Pronova BioPharma Norge AS	2017212806	NuVasive Specialized Orthopedics, Inc.
2015396473	Prysmian S.p.A.	2017220463	Lime Medical GmbH
2015399495	BL Technologies, Inc.	2017221321	Nalu Medical, Inc.
2015400392	Universal Hinge Corporation	2017222158	Haldor Topsoe A/S
2015413301	Ambidio, Inc.	2017237929	Afferent Pharmaceuticals Inc.
2016201103	Joe Santa & Associates Pty Limited	2017240275	Verplas Limited
2016201971	Fujitsu General Limited	2017243778	Medicrea International
2016202102	Progress Rail Locomotive Inc.	2017246228	ChemoCentryx, Inc.
2016204264	Alstom Transport Technologies	2017248706	NOV Downhole Eurasia Limited
2016208057	Heinze Gruppe Verwaltungs GmbH	2017250178	CarryGenes Bioengineering
2016210705	Hunter Douglas Inc.	2017257929	De Nora Permelec Ltd
2016212160	Collectis	2017258697	Merck Patent GmbH
2016213785	Tyco Fire & Security GmbH	2017266539	NZP UK Limited
2016213813	Michatek k.s.	2017269355	Sarepta Therapeutics, Inc.
2016222454	Safran Identity & Security	2017270975	Sarepta Therapeutics, Inc.
2016225820	Adobe Inc.	2017281605	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College
2016226223	Donaldson Company, Inc.	2017290135	McLaughlin Gormley King Company
2016228251	Sulzer Management AG	2017290726	McLaughlin Gormley King Company
2016228277	The Boeing Company	2017342834	Landis+Gyr Innovations, Inc.
2016236124	BioGaia AB	2017350628	Eco-Planner Co., Ltd.
2016239671	Linde Aktiengesellschaft	2017351216	Translational Drug Development, LLC
2016240396	Polemaster Pty Ltd	2017356702	Lumus Ltd
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2016268418	SharkNinja Operating LLC	2017391412	The ESAB Group Inc.
2016269304	Hutchinson MediPharma Limited	2017394005	Taroko Door & Window Technologies, Inc.
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2016298653	Fisher & Paykel Healthcare Limited	2017431494	Beijing VJT Bio Co., Ltd.
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2016307210	P&T Global Solutions, LLC	2018206769	Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation
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2016323377	Universität Basel	2018213862	Onkos Surgical, Inc.
2016324167	StimLabs, LLC	2018225291	Dziekonski, M.
2016324982	Janssen Pharmaceutica, Inc.; Katholieke Universiteit Leuven	2018235375	Telluris Biotech India Private Limited
2016325115	Ny Toghlerahonun Ehf.	2018246984	Inventio AG
2016325601	Ludwig Institute for Cancer Research Ltd.	2018252295	Coulson, B.; Coulson, W.
2016327930	Sinew Pharma Inc.		
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2016331957	Barrett Technology, LLC		
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2018271405	Trend Windows & Doors Pty Limited	2019240606	Thinking Solutions Pty Ltd
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2018317805	GlaxoSmithKline Intellectual Property Development Limited; BioVersys AG	2019283945	Biolog-id
2018317812	GlaxoSmithKline Intellectual Property Development Limited	2019341068	Ju, N.; Ju, M.
2018318672	Dong-A ST Co., Ltd.	2019398117	Disruption Labs Inc.
2018318801	Guangzhou Xaircraft Technology Co., Ltd.	2020200215	Taiwan Shan Yin International Co., Ltd.
2018344835	Telefonaktiebolaget LM Ericsson (publ)	2020200524	Luxor Workspaces, LLC
2018346905	Eli Lilly and Company	2020200760	DENTSPLY International Inc.
2018349213	LG Electronics Inc.	2020200914	Colgate-Palmolive Company
2018350105	Nippon Steel Corporation; Vallourec Oil and Gas France	2020201278	Solatube International, Inc.
2018351954	Composecure, LLC	2020201416	Wilcox Industries Corp.
2018364919	Nippon Steel Corporation; Vallourec Oil and Gas France	2020201592	Bauer Maschinen GmbH
2018367453	ACTEGA North America Technologies, Inc.	2020202412	Sandvik Mining and Construction Oy
2018373095	DIC Graphics Corporation	2020202438	Island Oasis
2018373404	Leica Biosystems Imaging, Inc.	2020202716	Sight Sciences, Inc.
2018373784	MIPS AB	2020203082	Brentwood Industries, Inc.
2018378444	3M Innovative Properties Company	2020203600	Honeywell International Inc.
2018382226	Inquisitive Pty Limited	2020203735	Tata Consultancy Services Limited
2018384096	Cardiol Therapeutics Inc.	2020207868	Samsung Electronics Co., Ltd.
2018387892	Fujikura Ltd.; Nippon Telegraph and Telephone Corporation	2020207879	ICM Co., Ltd.
2018392919	Illumina, Inc.; Illumina Cambridge Limited	2020227056	Board of Regents of The University of Texas System
2018395016	CJ Cheiljedang Corporation	202027201	Shandong University
2018403404	Changsha Hooz Bioscience And Technology Co., Ltd		
2018407796	Yazaki Energy System Corporation		
2018413671	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
2018420473	China University of Mining and Technology; Xuzhou Olivine Geoscience & Geotech Co., Ltd; China University of Petroleum, East China; Anhui University of Science and Technology; Wuhan Institute of Technology		
2019200048	ST REPRODUCTIVE TECHNOLOGIES LLC		
2019201098	Sony Corporation		
2019201580	Continuous Composites Inc.		
2019201807	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
2019202045	National University Of Ireland, Galway		
2019202412	Nasdaq, Inc.		
2019202606	Seoul National University R & DB Foundation		
2019202677	Wix.com Ltd.		
2019202814	Air Products and Chemicals, Inc.		
2019202945	Bedloe Industries LLC		
2019202966	F. Hoffmann-La Roche AG		
2019203049	I4F LICENSING NV		
2019203348	Medtronic Xomed, Inc.		
2019204062	The Yokohama Rubber Co., Ltd.		
2019204695	Johnson & Johnson Consumer Inc.		
2019204864	CommScope Technologies LLC; CommScope Connectivity Belgium BVBA		
2019205879	TLE. Inc		
2019206477	Shell Internationale Research Maatschappij B.V.		
2019209210	Netflix, Inc.		
2019210590	Willow Innovations, Inc.		
2019210591	Base Air Management Limited		
2019210653	PETROLIAM NASIONAL BERHAD (PETRONAS)		
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2016372456	2016363776	2020200914	2017431494	2017221321	<u>A61P 5 /-</u>
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2016372456	2016363776	2020200760	2018280861	<u>A61P 1 /-</u>	<u>A61P 7 /-</u>
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2019200048	2016363776	2018378444	2018384096	2018395016	<u>A61P 9 /-</u>
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2016325115	2018373784	<u>A61F 13 /-</u>	2020207879	2018403404	2019212668
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2017206952	<u>A47J 31 /-</u>	2017220463	<u>A61K 47 /-</u>	2018403404	2018293203
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2017206953	2020227056	2016325601	<u>A61L 27 /-</u>	2017394430	2017382040
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C10N 40 /-		E21B 19 /-	2018350105	2017369211	G02B 17 /-
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 (45) 15.04.2021
 (62) 2020100720
 (72) Manzari, Behkish J.; Santos, Andre Souza Dos; Paul, Grant; Sorrentino III, William A.; Preston, Daniel Trent; Broughton, Lee S.; Girling, Lukas Robert Tom; McCormack, Jon; Hubel, Paul; Deshpande, Alok; Lupinetti, Nick; Hankey, M. Evans; Dye, Alan C.; Federighi, Craig M.
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 (51) Int. Cl.
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 (72) Pyrcz, Michael James; Strebelle, Sebastien; Sun, Tao
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2020104174

A01K 67 /-

2020104174

G01V 11 /-

2015101990

G06F 16 /-

2020104220

H04N 7 /-

2020104220

Opposition Proceedings

(The name in parentheses is that of the opponent)

Applications Withdrawn

2018214086 **EISAI R&D MANAGEMENT CO., LTD. (Mann, A.)**

Patents Granted

Standard Patents

2014311258	2014335915	2014348428	2014353100
2014392689	2014407200	2014408260	2014411549
2015203647	2015203754	2015207887	2015225439
2015233084	2015237275	2015243849	2015259195
2015261467	2015266753	2015271399	2015273271
2015274334	2015274770	2015283229	2015289504
2015297211	2015315437	2015326428	2015326889
2015335674	2015335909	2015336863	2015339005
2015353569	2015359241	2015359590	2015361122
2015361574	2015366795	2015367302	2015380289
2015380319	2015386680	2015395217	2015403063
2015404102	2015408047	2015408753	2016204479
2016204858	2016205361	2016206507	2016207820
2016216547	2016218037	2016221340	2016222270
2016238571	2016241499	2016242467	2016245906
2016246580	2016247125	2016247176	2016247848
2016248219	2016254043	2016260408	2016260872
2016261082	2016261936	2016267789	2016271582
2016277774	2016278591	2016279665	2016282061
2016282211	2016285145	2016285852	2016291085
2016292546	2016292888	2016294414	2016296103
2016296878	2016297602	2016299960	2016301105
2016307901	2016310529	2016315962	2016316808
2016320011	2016332928	2016334778	2016335848
2016342209	2016343828	2016344272	2016344599
2016348357	2016348475	2016353534	2016355163
2016356395	2016356748	2016367285	2016369051
2016369087	2016373606	2016378108	2016382166
2016382515	2016387354	2016387413	2016388331
2016392770	2016393808	2017200463	2017205153
2017206968	2017207707	2017207862	2017214424
2017214451	2017218014	2017218024	2017224166
2017225045	2017240082	2017256348	2017256488
2017257120	2017272383	2017299718	2017300486
2017303280	2017304779	2017310146	2017313189
2017316911	2017319080	2017319168	2017322677
2017337009	2017338586	2017339108	2017360584
2017364474	2017393056	2017398427	2017405723
2017411398	2017414401	2017420781	2017421316
2017434611	2018201015	2018204812	2018208366
2018214850	2018227720	2018228301	2018228651
2018230818	2018230901	2018234825	2018237904
2018247569	2018249677	2018253655	2018260907
2018262649	2018264129	2018264141	2018266532
2018268209	2018269375	2018275022	2018279285
2018279783	2018287567	2018289804	2018295936
2018313030	2018318403	2018320008	2018320434
2018322969	2018322975	2018328733	2018332475
2018340218	2018344310	2018349288	2018357175
2018360436	2018362082	2018363698	2018365309
2018369037	2018373975	2018384990	2018388767
2018391211	2019200273	2019200464	2019200737
2019200771	2019200862	2019200993	2019201605
2019201868	2019202551	2019202676	2019202916
2019203224	2019203363	2019203738	2019203946
2019204195	2019204321	2019204387	2019204835
2019204848	2019205993	2019206119	2019210525
2019210544	2019210549	2019210553	2019210564
2019222945	2019226272	2019229399	2019232804
2019236698	2019250281	2019253868	2019253875

Patents Granted

Standard Patents

2019253888	2019257484	2019259412	2019261757
2019264555	2019268075	2019271415	2019271909
2019365142	2020201166	2020201373	2020201375
2020202805	2020202836	2020203075	2020203218
2020213346	2020213402	2020244381	2020260465

Innovation Patents

2016102454	2016102457	2017101900	2018102208
2019101780	2019101784	2019101788	2019101789
2020101812	2020102988	2020103960	2020103961
2020104078	2020104080	2020104159	2020104195
2020104282	2020104348	2020104382	2020104406
2020104407	2020104412	2020104413	2020104419
2020104420	2020104421	2020104422	2021100025
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2021100448	2021100449	2021100452	2021100453
2021100454	2021100455	2021100456	2021100458

Patents Granted

Innovation Patents

2021100459	2021100460	2021100461	2021100462
2021100463	2021100464	2021100465	2021100466
2021100467	2021100468	2021100469	2021100470
2021100471	2021100472	2021100474	2021100475
2021100476	2021100479	2021100480	2021100481
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2021100545	2021100546	2021100547	2021100551
2021100554	2021100555	2021100556	2021100559
2021100560	2021100561	2021100562	2021100564
2021100566	2021100567	2021100568	2021100570
2021100572	2021100573	2021100576	2021100579
2021100580	2021100582	2021100585	2021100586
2021100587	2021100589	2021100592	2021100595
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2021100617	2021100618	2021100619	2021100620
2021100621	2021100622	2021100623	2021100627
2021100629	2021100634	2021100635	2021100636
2021100637	2021100640	2021100641	2021100642
2021100643	2021100644	2021100645	2021100647
2021100648	2021100649	2021100650	2021100652
2021100656	2021100657	2021100660	

Assignments Registered

2008278269	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd
2009207657	Chemson Polymer-Additive AG	The patent has been assigned to Akdeniz Chemson Additives AG
2009318987	Chemson Polymer-Additive AG	The patent has been assigned to Akdeniz Chemson Additives AG
2010212595	SPEC Intellectual Property, LLC	The patent has been assigned to Source Production & Equipment Co., Inc
2010251875	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd
2011200703	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd
2011229125	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd
2013202009	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd
2013259166	Medicus Biosciences, LLC	The patent has been assigned to C.P. Medical Corporation
2013362622	Main Power InnoTech (Shenzhen) Manufacturing Co. Ltd.	The patent has been assigned to Guangdong Midea Consumer Electric Manufacturing Co., Ltd.
2014200299	Seagull IP Pty Ltd	The patent has been assigned to PolyPharma Pty Ltd

Assignments Registered

2014236351	Medicus Biosciences LLC	The patent has been assigned to C.P. Medical Corporation
2014236385	Medicus Biosciences LLC	The patent has been assigned to C.P. Medical Corporation
2014293665	Harrow Health, Inc.	The patent has been assigned to Novel Drug Solutions LLC; Eye Care Northwest, PA
2015268083	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd
2018100540	Abernethy Healthy Lifestyle Association Incorporated; Cripps Clark, Julianne	The patent has been assigned to Cripps Clark, Julianne
2018264020	MetaLeach Limited	The patent has been assigned to CAPSA Metals Pty Ltd

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2007296450 **Deciphera Pharmaceuticals, LLC.**

The earliest first regulatory approval date provided by the patentee 13 Jul 2020

For the goods QINLOCK ripretinib

Extension of Term of patent pursuant to Section 77 expires on 13 Sep 2032

2012327210 **Deciphera Pharmaceuticals, LLC**

The earliest first regulatory approval date provided by the patentee 13 Jul 2020

For the goods QINLOCK ripretinib

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

Corrigenda

In Vol 35 , No 13 , Page(s) 2087 under the heading **Applications Accepted - Name Index** Under the name AP WALKER DESIGN, Application No. 2015203226, under INID (51) add the classification mark A42B 1/006 (2021.01)

In Vol 35 , No 14 , Page(s) 3250 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Pujing Chemical Industry Co., Ltd, Application No. 2018446561, under INID (54) correct the title to read Catalyst for synthesizing oxalate by CO coupling reaction, preparation and uses

Specifications Republished

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

2017382126	Huawei Technologies Co., Ltd.
2019201728	Juul Labs, Inc.
2020200941	Beiersdorf AG
2020203871	Mallinckrodt Hospital Products IP Limited