



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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Editorial enquiries

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Professional Standards Board

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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.

Abstract of Decision

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Advanced New Technologies Co., Ltd. [2021] APO 29

Patent Application: 2018243625

Title: Method and apparatus for processing transaction requests

Patent Applicant: Advanced New Technologies Co., Ltd.

Delegate: Ranganath Subbarayan

Decision Date: 21 July 2021

Hearing Date: Written submissions filed on 22 January 2021

Catchwords: **PATENTS** – section 45 – examiner’s objections – blockchain technology – whether invention is a manner of manufacture – whether the specification provides a full disclosure – is it a business scheme? – does it address a technical problem? – is the solution technical in nature? – does it require only generic computer implementation? – is there a practical and useful result? – on balance invention is a manner of manufacture – provides full disclosure – doubts about inventiveness – application referred back to examination

Representation: Patent attorney for the Applicant: Cotters Patent & Trade Mark Attorneys

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 20 Jul 2021 .

(71) Abi, S. (21) 2021902259 (22) 22.07.2021 (54) Process of expressing and storing breast milk	(71) Boulos & Cooper Labs Pty Ltd (21) 2021902220 (22) 19.07.2021 (54) Bioplastic and method of making thereof	the Edge Computing environment, to a Cloud database containing company information via a blockchain containing employee-owned data
(71) Agriculture Victoria Services Pty Ltd (21) 2021902256 (22) 22.07.2021 (54) COMPOUND-PRODUCING ENDOPHYTES	(71) Breville Pty Limited (21) 2021902209 (22) 19.07.2021 (54) Storage structure for food processing accessories	(71) CORE Intelligence Australia Pty Ltd (21) 2021902242 (22) 21.07.2021 (54) Isolation and extraction of mineral compounds, metals, metalloids, alloys and elements
(71) AMM Product Development (21) 2021902221 (22) 19.07.2021 (54) Control System for pneumatic controlled underground doors	(71) Carbon Areion Pty Ltd (21) 2021902233 (22) 20.07.2021 (54) A device for supporting an object on another vehicle	(71) Fortescue Future Industries Pty Ltd (21) 2021902215 (22) 19.07.2021 (54) Apparatus and method for transfer of cryogenic fluids
(71) Animal Control Technologies (Australia) Pty Ltd (21) 2021902270 (22) 23.07.2021 (54) IRRADIATION OF GRAIN OR SEEDS	(71) Cell Xplorer Pty Ltd (21) 2021902248 (22) 21.07.2021 (54) Static droplet generator	(71) Fortescue Future Industries Pty Ltd (21) 2021902222 (22) 19.07.2021 (54) Apparatus and method for transfer of cryogenic fluids – materials substitution
(71) ASSA ABLOY Australia Pty Limited (21) 2021902247 (22) 21.07.2021 (54) AN ELECTROMECHANICAL DROP BOLT	(71) CIRCULR RESEARCH PTY LTD (21) 2021902231 (22) 20.07.2021 (54) DEFORMABLE PLASTIC VESSEL AND SYSTEM FOR REDUCING PLASTIC WASTE	(71) Fortescue Future Industries Pty Ltd (21) 2021902226 (22) 19.07.2021 (54) Apparatus and method for transfer of cryogenic fluids – dual use vapour return and liquid circulation line
(71) Bahrami, M. (21) 2021902271 (22) 24.07.2021 (54) Device and method for handling an egg or embryo during cryopreservation	(71) Clarke, A.J. (21) 2021902227 (22) 19.07.2021 (54) Digital Certificate Of Authenticity with (NFT / Non-Fungible token) on the Block Chain	(71) HITIQ LIMITED (21) 2021902210 (22) 19.07.2021 (54) AUTOMATED DETECTION OF HEAD AND/OR BODY IMPACT EVENTS IN DATA COLLECTED VIA INSTRUMENTED MOUTHGUARD DEVICES
(71) Barker, J. (21) 2021902229 (22) 20.07.2021 (54) Method & System for Multi-user Emulated Transactions	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021902218 (22) 19.07.2021 (54) ROBOT APPENDAGE FORCE DAMPENING	(71) Infestation Tracking Systems Pty. Ltd. (21) 2021902257 (22) 22.07.2021 (54) SYSTEM AND METHOD FOR IDENTIFYING SOUND SAMPLES FOR EFFECTING ATTRACTION OF ANIMALS
(71) Bishop, R. (21) 2021902250 (22) 22.07.2021 (54) Plant Stub Terminator	(71) COMPETITIVE EDGE TECHNOLOGY PTY LTD (21) 2021902241 (22) 21.07.2021 (54) Method to integrate COVID-19 Rapid Testing Kit results, collected on an employee's smartphone IoT device in	

Provisional Applications Filed - Name Index cont'd

(71) Keg X Holdings Pty Ltd
(21) 2021902244 (22) 21.07.2021
(54) FLOW CONTROL FAUCET FOR A BEVERAGE DISPENSING SYSTEM

(71) Knorr, A.
(21) 2021902239 (22) 20.07.2021
(54) Planar and Straight-Line Mechanism Incorporating Parallelogram Mechanism

(71) Laconik Pty Ltd
(21) 2021902263 (22) 23.07.2021
(54) METHODS AND SYSTEMS FOR PREDICTING CROP YIELDS AND OPTIMISING FERTILISER DOSES

(71) Lateral IP Pty Ltd
(21) 2021902267 (22) 23.07.2021
(54) Compositions and uses thereof

(71) Leon Burgess-Dean Consultancy Pty Ltd ATF The Leon Burgess-Dean Family Trust
(21) 2021902235 (22) 20.07.2021
(54) Process for formulating an alkali-alumino-silicate sustainable resin

(71) LG Utilities Pty Ltd
(21) 2021902214 (22) 19.07.2021
(54) IMPROVED COMMERCIAL CLEANING APPARATUS AND MANAGEMENT SYSTEM

(71) Malpress, R.
(21) 2021902269 (22) 23.07.2021
(54) Application of a High-Pressure Water Cleaner as Motive Power for a Jet Pump

(71) March, T.
(21) 2021902238 (22) 20.07.2021
(54) The Hip Stabilizing Brace

(71) Mechtech MTT Pty Ltd
(21) 2021902234 (22) 20.07.2021
(54) Device to hold a tablet and enable it to be rubbed remotely on a surface.

(71) Merctech Pty Ltd
(21) 2021902237 (22) 20.07.2021
(54) A SYSTEM AND APPARATUS FOR APPLYING A SEALING COMPOSITION TO A TUBULAR FABRIC CASING

(71) Merctech Pty Ltd
(21) 2021902261 (22) 23.07.2021
(54) MEAT NETTING STRIPPING APPARATUS

(71) MONASH UNIVERSITY
(21) 2021902246 (22) 21.07.2021
(54) Saccharide-based binder system for ultra-long life and high capacity Lithium-Sulfur battery

(71) Multigate Medical Products Pty Ltd
(21) 2021902243 (22) 21.07.2021
(54) A Container

(71) Newell Australia Pty Ltd
(21) 2021902211 (22) 19.07.2021
(54) Cooking appliance

(71) Newell Australia Pty Ltd
(21) 2021902216 (22) 19.07.2021
(54) Cooking appliance

(71) NTHALMIC HOLDING PTY LTD
(21) 2021902232 (22) 20.07.2021
(54) A multi-zone spectacle lens for myopia

(71) Optimal Vision Plus Pty Ltd
(21) 2021902208 (22) 19.07.2021
(54) A SACHET DISPENSER

(71) Parsonage, H.
(21) 2021902245 (22) 21.07.2021
(54) A Portable Container

(71) pelling, m.
(21) 2021902225 (22) 19.07.2021
(54) Improvements in roof guttering and the like

(71) Phoxheal Limited
(21) 2021902236 (22) 20.07.2021
(54) WOUND TREATMENT

(71) PolyActiva Pty Ltd
(21) 2021902223 (22) 19.07.2021
(54) QUINOLONE-POLYMER CONJUGATE AND COMPOSITION FOR DELIVERY OF QUINOLONES

(71) PolyActiva Pty Ltd
(21) 2021902224 (22) 19.07.2021
(54) IMPLANT AND METHOD OF IMPLANT ADMINISTRATION

(71) Rapid Phenotyping Pty Ltd
(21) 2021902260 (22) 23.07.2021
(54) System for Photodetection of Diffracted Light

(71) ResMed Pty Ltd
(21) 2021902228 (22) 20.07.2021
(54) Patient Interface

(71) ResMed Pty Ltd
(21) 2021902251 (22) 22.07.2021
(54) MAGNETIC CONNECTOR

(71) Rudders RLS Pty Ltd
(21) 2021902212 (22) 19.07.2021
(54) SENSING SYSTEM

(71) Saluda Medical Pty Ltd
(21) 2021902202 (22) 16.07.2021
(54) Adaptation of neurostimulation therapy to age-related physiological changes

Stowell, G. see Webb, A.
(21) 2021902219

(71) Tania Saad
(21) 2021902265 (22) 23.07.2021
(54) Immediate Electronic transfer of identification numbers and identification details by an Individual or Business to an external entity to inhibit personal information given over the phone or email mainly requested by Tax Agents, Banks and Insurance Providers: to minimise Identify theft or Fraud.

(71) The University of Sydney
(21) 2021902230 (22) 20.07.2021
(54) Methods for the detection of myeloperoxidase

The University of Sydney see The Westmead Institute for Medical Research
(21) 2021902252

(71) The University of Western Australia
(21) 2021902266 (22) 23.07.2021
(54) SYSTEMS AND METHODS FOR DETECTING MICROCALCIFICATION ACTIVITY

(71) The Westmead Institute for Medical Research; Western Sydney Local Health District; The University of Sydney
(21) 2021902252 (22) 22.07.2021
(54) CHIMERIC ANTIGEN RECEPTOR USEFUL IN TREATING CANCER

(71) Transcale Pty Ltd
(21) 2021902213 (22) 19.07.2021
(54) SYSTEM AND METHOD FOR DETERMINING FRAGMENTATION

(71) UNO Technology Pty Ltd
(21) 2021902191 (22) 16.07.2021
(54) A VESSEL

Provisional Applications Filed - Name Index cont'd

(71) Vecor Technologies Pty Limited
(21) 2021902264 (22) 23.07.2021
(54) Zirconia-mullite composite and method
of forming same

(71) Viexupont Technologies
(21) 2021902249 (22) 21.07.2021
(54) Solar clamp for professionally securing
optimisers and micro inverters

(71) Viswanath, V.
(21) 2021902240 (22) 21.07.2021
(54) An Agent for Online Purchasing.

(71) Webb, A.; Stowell, G.
(21) 2021902219 (22) 19.07.2021
(54) Invisible edge lens

**Western Sydney Local Health District see
The Westmead Institute for Medical Re-
search**
(21) 2021902252

(71) WORMALD, P.J.
(21) 2021902255 (22) 22.07.2021
(54) METHOD FOR TREATING OR PRE-
VENTING INFECTIONS

(71) Xero Limited
(21) 2021902217 (22) 19.07.2021
(54) Systems and methods for editing elec-
tronic documents

(71) Y2PS PTY LTD
(21) 2021902205 (22) 18.07.2021
(54) Support

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2021902208	Optimal Vision Plus Pty Ltd
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2021902251	ResMed Pty Ltd
2021902252	The Westmead Institute for Medical Research; Western Sydney Local Health District; The University of Sydney
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2021902256	Agriculture Victoria Services Pty Ltd
2021902257	Infestation Tracking Systems Pty. Ltd.
2021902259	Abi, S.
2021902260	Rapid Phenotyping Pty Ltd
2021902261	Merctech Pty Ltd
2021902263	Laconik Pty Ltd
2021902264	Vecor Technologies Pty Limited
2021902265	Tania Saad
2021902266	The University of Western Australia
2021902267	Lateral IP Pty Ltd
2021902269	Malpress, R.
2021902270	Animal Control Technologies (Australia) Pty Ltd
2021902271	Bahrami, M.

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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Jul 2021 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) AbbVie Inc. (21) 2021205091 (22) 15.07.2021 (54) Antibody drug conjugates with cell permeable Bcl-xL inhibitors (62) 2015360609</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021205017 (22) 13.07.2021 (54) PROCESSING DATA UTILIZING A CORPUS (62) 2019253836</p> <hr/> <p>(71) Access Vascular, Inc. (21) 2021205003 (22) 13.07.2021 (54) High strength biomedical materials (62) 2016377694</p> <hr/> <p>(71) Acres Technology (21) 2021205009 (22) 13.07.2021 (54) Method and Apparatus for Facilitating Wagering by Multiple Players of Gaming Machines (62) 2019236634</p> <hr/> <p>(71) Active Implants LLC (21) 2021205083 (22) 15.07.2021 (54) Floating joint replacement device with supportive sidewall (62) 2018306724</p> <hr/> <p>(71) ADRENALINE X-TREME ADVENTURES GROUP S.R.L. (21) 2021205105 (22) 16.07.2021 (54) CARRIAGE FOR MOVEMENT ON A CABLE AND/OR RAIL (31) 102020000017893 (32) 23.07.20 (33) IT</p> <hr/> <p>(71) Alcon Inc. (21) 2021205100 (22) 16.07.2021 (54) Azabicyclo and diazepine derivatives for treating ocular disorders (62) 2018362010</p> <hr/> <p>(71) American Greetings Corporation (21) 2021205117 (22) 16.07.2021 (54) Motorized gift card holders (62) 2016200605</p> <hr/> <p>(71) AMES Australasia Pty Ltd (21) 2021206786 (22) 19.07.2021</p>	<p>(54) Height-adjustable Clothes Aier (31) 2020903368 (32) 20.09.20 (33) AU</p> <hr/> <p>(71) AmPro Innovations Pty Ltd (21) 2021205076 (22) 15.07.2021 (54) Apparatus for Direct Metal Deposition Additive Manufacturing (31) 2020904097 (32) 10.11.20 (33) AU</p> <hr/> <p>(71) AmPro Innovations Pty Ltd (21) 2021205079 (22) 15.07.2021 (54) Additive Manufacturing Powder Re-Coater Apparatus (31) 2020904792 (32) 22.12.20 (33) AU</p> <hr/> <p>(71) Andres, D. (21) 2021205130 (22) 17.07.2021 (54) Rope access apron</p> <hr/> <p>(71) Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd (21) 2021205046 (22) 14.07.2021 (54) An integrated heap leach process (31) 63/053,104 (32) 17.07.20 (33) US</p> <hr/> <p>Anglo Corporate Services South Africa (Pty) Ltd see Anglo American Technical & Sustainability Services Ltd (21) 2021205046</p> <hr/> <p>(71) Apple Inc. (21) 2021204971 (22) 12.07.2021 (54) Media system and method of accommodating hearing loss (62) 2020203568</p> <hr/> <p>(71) Apple Inc. (21) 2021205043 (22) 14.07.2021 (54) Transferring playback queues between devices (62) 2019257352</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2021205016 (22) 13.07.2021 (54) CONCURRENT DISPLAY AND INTERACTION BETWEEN GAME TYPES ON AN ELECTRONIC GAMING DEVICE (31) 16/927,120 (32) 13.07.20 (33) US</p> <hr/>	<p>(71) Aristocrat Technologies Australia Pty Ltd (21) 2021204790 (22) 08.07.2021 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE FEATURES DEPENDENT ON STATES (31) 2020902685 (32) 30.07.20 (33) AU</p> <hr/> <p>(71) Arizona Board of Regents on Behalf of the University of Arizona; University of Connecticut of Office Of The Vice President For Research (21) 2021205131 (22) 19.07.2021 (54) Wearable 3D augmented reality display (62) 2019240590</p> <hr/> <p>Askham, N. see Askham, K. (21) 2021205087</p> <hr/> <p>(71) Askham, K.; Askham, N. (21) 2021205087 (22) 15.07.2021 (54) Support for Camping Appliance</p> <hr/> <p>(71) ASSA ABLOY Opening Solutions Sweden AB (21) 2021206789 (22) 19.07.2021 (54) CYLINDER LOCK AND KEY SYSTEM (62) 2017235150</p> <hr/> <p>(71) Auris Health, Inc. (21) 2021204979 (22) 12.07.2021 (54) Instrument insertion compensation (62) 2018290831</p> <hr/> <p>(71) Automatic Technology (Australia) Pty Ltd (21) 2021206794 (22) 19.07.2021 (54) Operator assembly for movable barrier</p> <hr/> <p>(71) Azari, N. (21) 2021204840 (22) 11.07.2021 (54) Combined four-wheel frame and shopping trolley for individuals with disabilities</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2021205038 (22) 14.07.2021 (54) UNIVERSAL SINGLE-USE CAP FOR MALE AND FEMALE CONNECTORS (62) 2019251201</p> <hr/>
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- (71) Beijing Tusen Weilai Technology Co., Ltd.
(21) 2021204643 (22) 02.07.2021
(54) Positioning method, device, medium and equipment
(31) 202010635277.7 (32) 03.07.20 (33) CN
-
- (71) Blinova, I.
(21) 2021205072 (22) 15.07.2021
(54) Multidimensional mobilization of lumbar, pelvic and hip joints
(62) 2016274333
-
- (71) BNSF RAILWAY COMPANY
(21) 2021204973 (22) 12.07.2021
(54) WIRELESS SLIDE FENCE SYSTEM AND METHOD
(31) 16/928,433 (32) 14.07.20 (33) US
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- BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM see CASE WESTERN RESERVE UNIVERSITY**
(21) 2021204985
-
- (71) Brogent Technologies Inc.
(21) 2021205055 (22) 14.07.2021
(54) Mapping Method for FullDome Display
(31) 109124246 (32) 17.07.20 (33) TV
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- (71) Buildsafe Queensland Pty Ltd
(21) 2021204989 (22) 12.07.2021
(54) Improvements Relating to Barriers and Barrier Supports
(62) 2015202878
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- (71) C.R. Laurence Co., Inc.
(21) 2021205125 (22) 16.07.2021
(54) Door Rail System
(31) 16/932,643 (32) 17.07.20 (33) US
16/950,579 17.11.20 US
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- (71) C.R. Laurence Co., Inc.
(21) 2021205126 (22) 16.07.2021
(54) Door Rail System
(31) 16/932,643 (32) 17.07.20 (33) US
16/950,579 17.11.20 US
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- (71) Capaventure - Equipamentos Para Lazer e Tempos Livres, Lda
(21) 2021206785 (22) 19.07.2021
(54) Roof tent closure mechanism
(31) 11978 (32) 17.07.20 (33) PT
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- (71) CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; UNIVERSITY OF KENTUCKY
(21) 2021204985 (22) 12.07.2021
(54) COMPOSITIONS AND METHODS OF MODULATING 15-PGDH ACTIVITY
(62) 2019250163
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- (71) Caterpillar Inc.
(21) 2021205067 (22) 15.07.2021
(54) RETROFIT REMOTE CONTROL SYSTEM FOR A MACHINE
(31) 202011031868 (32) 24.07.20 (33) IN
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- (71) Chapman, P.
(21) 2021204998 (22) 13.07.2021
(54) QUIT EVAP EVAPORATION MITIGATION TECHNOLOGY
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- (71) Clear Gene, Inc.
(21) 2021204828 (22) 09.07.2021
(54) METHODS, COMPOSITIONS, AND DEVICES FOR RAPID ANALYSIS OF BIOLOGICAL MARKERS
(62) 2015277059
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- (71) Clearit, LLC
(21) 2021205132 (22) 19.07.2021
(54) SYSTEMS AND METHODS FOR TATTOO REMOVAL USING COLD PLASMA
(62) 2016263428
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- (71) Complexa, Inc.
(21) 2021205027 (22) 14.07.2021
(54) Prevention, treatment and reversal of disease using therapeutically effective amounts of activated fatty acids
(62) 2016331314
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- (71) Covidien LP
(21) 2021205041 (22) 14.07.2021
(54) Control arm assemblies for robotic surgical systems
(62) 2017275595
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- Curis, Inc. see Genentech, Inc.**
(21) 2021205133
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- (71) Daikin Industries, Ltd.
(21) 2021206776 (22) 19.07.2021
(54) Air conditioning indoor unit
(62) 2018343291
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- (71) Dana-Farber Cancer Institute, Inc.; The General Hospital Corporation
(21) 2021205080 (22) 15.07.2021
(54) COMPOSITIONS AND METHODS OF IDENTIFYING TUMOR SPECIFIC NEOANTIGENS
(62) 2018206769
-
- (71) dormakaba Schweiz AG
(21) 2021206788 (22) 19.07.2021
(54) Lock or window or door fitting
(62) 2016236809
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- (71) DSM IP Assets B.V.
(21) 2021205085 (22) 15.07.2021
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- (54) OIL COMPOSITIONS AND METHODS OF MAKING
(62) 2016336354
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- (71) Du, D.
(21) 2021205018 (22) 13.07.2021
(54) OFFSHORE FLOATING ISLAND
(31) 2021104344075 (32) 22.04.21 (33) CN
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- (71) ECHOSENS,
(21) 2021205042 (22) 14.07.2021
(54) SYSTEM AND METHOD FOR DETERMINING A HEALTH CONDITION OF THE LIVER OF A SUBJECT
(31) EP20305804.5 (32) 15.07.20 (33) EP
US16/929,749 15.07.20 US
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- (71) En-Tech Corporation
(21) 2021205037 (22) 14.07.2021
(54) SYSTEM AND METHOD FOR MAKING AND APPLYING A NON-PORTLAND CEMENT-BASED MATERIAL
(62) 2019284021
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- (71) EnviroLogix, Inc.
(21) 2021205135 (22) 19.07.2021
(54) Compositions and methods for enhancing and/or predicting DNA amplification
(62) 2015249739
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- (71) Exelixis, Inc.
(21) 2021205066 (22) 15.07.2021
(54) c-Met modulators and method of use
(62) 2020201638
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- (71) F. Hoffmann-La Roche AG
(21) 2021205021 (22) 14.07.2021
(54) Reduction of application-related side reaction of a therapeutic antibody
(62) 2018269498
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- FEMPULSE, LLC see HAESSLER, A.**
(21) 2021205068
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- (71) Financial & Risk Organisation Limited
(21) 2021205119 (22) 16.07.2021
(54) RISK IDENTIFICATION AND RISK REGISTER GENERATION SYSTEM AND ENGINE
(62) 2016298790
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- (71) Fire Door Core Pty Ltd
(21) 2021204986 (22) 12.07.2021
(54) FIRE RESISTANT DOOR PANEL, METHOD OF MANUFACTURE AND INSTALLATION THEREOF
(31) 2020902413 (32) 13.07.20 (33) AU
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- (71) Fisher & Paykel Healthcare Limited
(21) 2021205102 (22) 16.07.2021

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(54) SEALING FORCE DETECTION ENABLED, THERAPEUTIC FLUID DELIVERY DEVICE
(62) 2020200956

(71) FJ Dynamics Co., Ltd.
(21) 2021205011 (22) 13.07.2021
(54) PROTECTIVE DEVICE AND PROTECTIVE METHOD FOR ELECTRONIC PRODUCTS AND ELECTRONIC DEVICE FOR AGRICULTURAL MACHINERY
(31) 202010675183.2 (32) 14.07.20 (33) CN
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(71) Fortescue Metals Group Ltd
(21) 2021205122 (22) 16.07.2021
(54) Lifting Apparatus
(31) 2020902482 (32) 17.07.20 (33) AU

(71) Fractyl Health, Inc.
(21) 2021204826 (22) 09.07.2021
(54) INJECTATE DELIVERY DEVICES, SYSTEMS AND METHODS
(62) 2019202452

(71) Fujitsu General Limited
(21) 2021205028 (22) 14.07.2021
(54) Air conditioner, data transmission method, and air conditioning system
(62) 2019357534

(71) Fujitsu General Limited
(21) 2021205033 (22) 14.07.2021
(54) Air conditioner, data transmission method, and air conditioning system
(62) 2019357534

(71) FYRLYT Pty Ltd
(21) 2021205023 (22) 14.07.2021
(54) A REMOTE CONTROL HANDLE ASSEMBLY
(31) 2020902442 (32) 15.07.20 (33) AU

(71) Gardiner, A.
(21) 2021205031 (22) 14.07.2021
(54) Plant protector and the manufacture and use thereof
(31) 776810 (32) 04.06.21 (33) NZ

(71) Genentech, Inc.
(21) 2021205081 (22) 15.07.2021
(54) Adjuvant treatment of HER2-positive breast cancer
(62) 2018227788

(71) Genentech, Inc.; Curis, Inc.
(21) 2021205133 (22) 19.07.2021
(54) Pyridyl inhibitors of hedgehog signalling
(62) 2019226273

(71) Genmab A/S
(21) 2021205074 (22) 15.07.2021
(54) Antibodies binding AXL
(62) 2015286569

(71) Gen-Probe Incorporated
(21) 2021204972 (22) 12.07.2021
(54) Systems and methods for reading machine-readable labels on sample receptacles
(62) 2016246586

(71) Genzyme Corporation
(21) 2021205004 (22) 13.07.2021
(54) Perfusion culturing methods and uses thereof
(62) 2015269184

(71) Globe (Jiangsu) Co., Ltd.
(21) 2021204990 (22) 12.07.2021
(54) STARTING CIRCUIT OF SWITCHING POWER SUPPLY
(31) 202021434855.2 (32) 20.07.20 (33) CN
202010701553.5 20.07.20 CN

(71) Golconda Holdings LLC
(21) 2021204248 (22) 23.06.2021
(54) System, method, and apparatus for magnetic surface coverings
(62) 2016243412

(71) Google LLC
(21) 2021205110 (22) 16.07.2021
(54) CONTROLLING A DEVICE BASED ON PROCESSING OF IMAGE DATA THAT CAPTURES THE DEVICE AND/OR AN INSTALLATION ENVIRONMENT OF THE DEVICE
(62) 2018443902

(71) Grbin, D.
(21) 2021204664 (22) 04.07.2021
(54) Automatic Robotic And Manual Medical Device Capsule To Aid Self Healing

(71) Great Plains Manufacturing, Inc.
(21) 2021205022 (22) 14.07.2021
(54) High capacity baler
(62) PCT/US2020/012715

(71) Great Plains Manufacturing, Inc.
(21) 2021205025 (22) 14.07.2021
(54) High capacity baler
(62) PCT/US2020/012715

(71) HAESSLER, A.; STRUL, B.; FEM-PULSE, LLC
(21) 2021205068 (22) 15.07.2021
(54) DEVICES AND METHODS FOR STIMULATING NERVES
(62) 2020200273

(71) Hipsley, A.
(21) 2021205095 (22) 15.07.2021
(54) SYSTEMS AND METHODS FOR AFFECTING THE BIOMECHANICAL PROPERTIES OF CONNECTIVE TISSUE
(62) 2020201270

(71) Hunter Douglas, Inc.
(21) 2021206775 (22) 19.07.2021
(54) Power assist module for roller shades
(62) 2019204738

(71) I4F Licensing NV
(21) 2021205082 (22) 15.07.2021
(54) Panel Interconnectable with Similar Panels for Forming a Covering
(62) 2019203049

(71) Idemia Identity & Security France
(21) 2021205034 (22) 14.07.2021
(54) PROCESS FOR MONITORING VEHICLES BY A PLURALITY OF SENSORS
(31) 2008190 (32) 31.07.20 (33) FR

(71) IDS Georadar S.r.l.
(21) 2021204981 (22) 12.07.2021
(54) Method and apparatus for blurring effect mitigation in ground-based radar images
(31) 102020000017329 (32) 16.07.20 (33) IT

(71) Illinois Tool Works Inc.
(21) 2021204991 (22) 12.07.2021
(54) A joint edge protection apparatus - fully bridged wave plates

(71) Illinois Tool Works Inc.
(21) 2021204992 (22) 12.07.2021
(54) An armoured joint – disruptive folded anchor rail

(71) Illinois Tool Works Inc.
(21) 2021204993 (22) 12.07.2021
(54) An edge protection system – floating cover plate on intersection

(71) Illinois Tool Works Inc.
(21) 2021204994 (22) 12.07.2021
(54) An edge protection system – intersection continuous perimeter joint line

(71) Illinois Tool Works Inc.
(21) 2021204995 (22) 12.07.2021
(54) An edge protection system – joint orientation marker

(71) Illinois Tool Works Inc.
(21) 2021204996 (22) 12.07.2021

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(54) An armoured joint – anti-skew stake bracket	(71) RADIALLY SHRINKABLE TEXTILE SLEEVE (62) 2018241404	(71) Mexichem Fluor S.A. de C.V. (21) 2021205045 (22) 14.07.2021 (54) PHARMACEUTICAL COMPOSITION (62) 2020202626
(71) Illinois Tool Works Inc. (21) 2021205058 (22) 14.07.2021 (54) Articulated clutch	(71) IsoLynx, LLC (21) 2021205054 (22) 14.07.2021 (54) OBJECT TRACKING SYSTEM OPTIMIZATION AND OPTIMIZERS (62) 2021202136	(71) Michael Cunningham Pty Ltd (21) 2021205026 (22) 14.07.2021 (54) A Barrier System
(71) Illinois Tool Works Inc. (21) 2021205059 (22) 14.07.2021 (54) Clutch having limited articulation	(71) James & Wells Intellectual Property (21) 2021206801 (22) 19.07.2021 (54) Resource Supply Management System and Method (62) 2018267588	(71) Monash University (21) 2021205039 (22) 14.07.2021 (54) Method of viral inhibition (62) 2019213440
(71) Illinois Tool Works Inc. (21) 2021205060 (22) 14.07.2021 (54) Clutch having tamper evident indicator	(71) KLK Ceilings Pty Ltd (21) 2021205092 (22) 15.07.2021 (54) Noise suppression	(71) Mould, D.R. (21) 2021205089 (22) 15.07.2021 (54) Systems and methods for patient-specific dosing (62) 2016245862
(71) Illinois Tool Works Inc. (21) 2021205063 (22) 14.07.2021 (54) Anchor	(71) Koninklijke Nederlandse Akademie van Wetenschappen (21) 2021204983 (22) 12.07.2021 (54) Improved culture method for organoids (62) 2015261380	(71) MuPharma Pty Ltd (21) 2021205134 (22) 19.07.2021 (54) Non-invasive agent applicator (62) 2020201335
(71) IMASCAP (21) 2021205111 (22) 16.07.2021 (54) Methods, systems and devices for pre-operatively planned adaptive glenoid implants (62) 2019236644	(71) Krueger Transport Equipment Pty Ltd (21) 2021205096 (22) 15.07.2021 (54) Barrier Assembly (62) 2015202594	(71) N & E Bowder Pty Ltd (21) 2021205069 (22) 15.07.2021 (54) STOCK FEEDER ASSEMBLY (31) 2020902960 (32) 19.08.20 (33) AU
(71) Indian Oil Corporation Limited (21) 2021205075 (22) 15.07.2021 (54) Lubricant composition for e-Axle applications (31) 202021030289 (32) 16.07.20 (33) IN	(71) LG Electronics Inc. (21) 2021204974 (22) 12.07.2021 (54) REFRIGERATOR (62) 2019222923	(71) NaNotics, LLC (21) 2021205051 (22) 14.07.2021 (54) Compositions and methods for inhibiting the biological activity of soluble biomolecules (62) 2015327928
(71) Industro International Co., Ltd. (21) 2021204980 (22) 12.07.2021 (54) SAFE BOX CUTTER	Longeviti Neuro Solutions LLC see The Johns Hopkins University (21) 2021204982	Navipharm Co, Ltd see University-Industry Cooperation Group of Kyung Hee University (21) 2021205078
(71) Intuit Inc. (21) 2021205120 (22) 16.07.2021 (54) Method and system for searching for and navigating to user content and other user experience pages in a financial management system with a customer self-service system for the financial management system (62) 2017343463	(71) Magic Leap, Inc. (21) 2021206778 (22) 19.07.2021 (54) Eyelid shape estimation using eye pose measurement (62) 2016310451	(71) Netflix, Inc. (21) 2021205036 (22) 14.07.2021 (54) Tiered cache filling (62) 2016255442
(71) IP Key Pty Ltd (21) 2021205097 (22) 15.07.2021 (54) Frameworks and methodologies configured to enable integration of booking and access control for service providers (62) 2015292255	(71) Magic Leap, Inc. (21) 2021206783 (22) 19.07.2021 (54) Eyelid shape estimation (62) 2016310452	(71) Novel Microdevices, LLC (DBA Novel Devices) (21) 2021206782 (22) 19.07.2021 (54) SAMPLE EXTRACTION DEVICE AND METHODS OF USE THEREOF (62) 2016297895
(71) iprotex GmbH & Co. KG (21) 2021205093 (22) 15.07.2021	(71) MEDMONT INTERNATIONAL PTY LTD (21) 2021204988 (22) 12.07.2021 (54) OPHTHALMOLOGICAL IMAGING METHOD, DEVICE AND SYSTEM (62) 2020220119	(71) Ocado Innovation Limited (21) 2021205107 (22) 16.07.2021 (54) Robotic picking systems and devices (62) 2016352860
	(71) Mercator Pty. Ltd. (21) 2021205109 (22) 16.07.2021 (54) An Electrical System	

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<p>(71) OMX-Solutions Pty Ltd. (21) 2021205106 (22) 16.07.2021 (54) Annular-shaped subperiosteal jaw implant (31) 16/932,684 (32) 17.07.20 (33) US</p>	<p>(71) Prologium Technology Co., Ltd.; Prologium Holding Inc. (21) 2021205000 (22) 13.07.2021 (54) Method For Suppressing Thermal Runaway of Lithium Batteries (31) 63/058,205 (32) 29.07.20 (33) US 63/087,563 05.10.20 US 17/372,012 09.07.21 US</p>	<p>(71) Robel Bahnbaumaschinen GmbH (21) 2021205064 (22) 15.07.2021 (54) TRACK PROCESSING MACHINE, IN PARTICULAR IMPACT WRENCH MACHINE, AND PROCESS FOR TRACK PROCESSING BY MEANS OF A TRACK PROCESSING MACHINE (31) PCT/ (32) 04.08.20 (33) EP EP2020/071928</p>
<p>(71) OPELT, L. (21) 2021206795 (22) 19.07.2021 (54) A LURE STORAGE DEVICE</p>	<p>(71) Prologium Technology Co., Ltd.; Prologium Holding Inc. (21) 2021205001 (22) 13.07.2021 (54) Thermal Runaway Suppressant of Lithium Batteries and the Related Applications (31) 63/058,205 (32) 29.07.20 (33) US 63/087,563 05.10.20 US 17/372,057 09.07.21 US</p>	<p>(71) SAMSUNG ELECTRONICS CO., LTD. (21) 2021205050 (22) 14.07.2021 (54) Dual polarized antenna and electronic device including the same (62) 2020207868</p>
<p>(71) Otsuka Pharmaceutical Co., Ltd. (21) 2021205101 (22) 16.07.2021 (54) Innovative preparation and crystallization of iosimenol (62) 2016350219</p>	<p>(71) Prologium Technology Co., Ltd.; Prologium Holding Inc. (21) 2021205002 (22) 13.07.2021 (54) Thermal Runaway Suppressant of Lithium Batteries and the Related Applications (31) 63/058,205 (32) 29.07.20 (33) US 63/087,563 05.10.20 US 17/372,084 09.07.21 US</p>	<p>(71) SciSparc Ltd (21) 2021206784 (22) 19.07.2021 (54) Combinations of cannabinoids and N-acylethanolamines (62) 2016254685</p>
<p>(71) Panduit Corp. (21) 2021205032 (22) 14.07.2021 (54) Disconnect verification (31) 63/052,570 (32) 16.07.20 (33) US 17/360,507 28.06.21 US</p>	<p>(71) Prologium Technology Co., Ltd.; Prologium Holding Inc. (21) 2021205113 (22) 16.07.2021 (54) FUNCTIONALISED NANOPARTICLE (31) 2020902490 (32) 17.07.20 (33) AU</p>	<p>(71) SHAN, R. (21) 2021205084 (22) 15.07.2021 (54) MOBILE UNMANNED MEDICINE VENDING VEHICLE (31) 2021106820771 (32) 19.06.21 (33) CN</p>
<p>(71) Parousia Investments Pty Ltd (21) 2021206777 (22) 19.07.2021 (54) A METHOD AND SYSTEM FOR ENABLING A PAYMENT (62) 2019204263</p>	<p>(71) Radetec Pty Ltd (21) 2021205113 (22) 16.07.2021 (54) FUNCTIONALISED NANOPARTICLE (31) 2020902490 (32) 17.07.20 (33) AU</p>	<p>(71) Shenzhen Carku Technology Co., Limited (21) 2021204997 (22) 13.07.2021 (54) HAIR DRYER AND AIR NOZZLE THEREOF (31) 202022593093.7 (32) 10.11.20 (33) CN</p>
<p>(71) Pimp My Box Ltd (21) 2021205015 (22) 13.07.2021 (54) LOCKING AND UNLOCKING TOOL BOXES AND TOOL CABINETS (31) GB2011011.0 (32) 16.07.20 (33) GB</p>	<p>Rainville, D. see Smith, W. (21) 2021204975</p>	<p>(71) Shenzhen Carku Technology Co., Limited (21) 2021204999 (22) 13.07.2021 (54) WIRELESS HAIR DRYER SYSTEM AND RECHARGEABLE SOCKET THEREOF (31) 202022590388.9 (32) 10.11.20 (33) CN</p>
<p>(71) Polyplastic Group B.V. (21) 2021206793 (22) 19.07.2021 (54) Mobile accommodation and border device (31) 2026096 (32) 20.07.20 (33) NL</p>	<p>(71) Regeneron Pharmaceuticals, Inc. (21) 2021205088 (22) 15.07.2021 (54) SERUM-FREE CELL CULTURE MEDIUM (62) 2020200052</p>	<p>(71) Shopify Inc. (21) 2021205044 (22) 14.07.2021 (54) SYSTEMS AND METHODS FOR OBTAINING INFORMATION FROM A DIGITAL MESSAGE (31) 16/943,029 (32) 30.07.20 (33) US 21173653.3 12.05.21 EM</p>
<p>(71) Prodrome Designs Pty Ltd (21) 2021206779 (22) 19.07.2021 (54) LOCK ASSEMBLY FOR A LOUVRE GALLERY</p>	<p>(71) RES, G. (21) 2021205127 (22) 16.07.2021 (54) A SECURE POWER MANAGEMENT AND LOGGING DEVICE FOR ELECTRICALLY OPERATED MACHINES WITH OR WITHOUT STARTER BATTERIES (31) 2020902466 (32) 16.07.20 (33) AU</p>	<p>(71) Sight Sciences, Inc. (21) 2021205065 (22) 15.07.2021 (54) OCULAR DELIVERY SYSTEMS AND METHODS (62) 2020202716</p>
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- (71) SiNew Pharma Inc.
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- (71) Skiezy Inc.
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- (71) Smith, W.; Smith, C.; Rainville, D.
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- (71) Solar Cubed Development, LLC
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- (71) Stimlabs LLC
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(54) Compositions derived from placenta and methods of producing the same
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- (71) Stoddart Technology Pty Ltd
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- (71) SyntheX, Inc.
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- (71) Tableau Software, LLC
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(54) Using an object model of heterogeneous data to facilitate building data visualizations
(62) 2018347838
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- (71) Technological Resources Pty. Limited
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- (71) Terex GB Limited
(21) 2021205024 (22) 14.07.2021
(54) MATERIAL WASHING SYSTEM AND APPARATUS
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- (71) Terumo Cardiovascular Systems Corporation
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- (71) THE CHEMOURS COMPANY FC, LLC.
(21) 2021204987 (22) 12.07.2021
(54) COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE
(62) 2019232793
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- (71) The first affiliated hospital of Soochow University
(21) 2021205090 (22) 15.07.2021
(54) HLA-B LOCUS ALLELE TYPING KIT AND TEST METHOD THEREOF
(31) 202010758304.X (32) 31.07.20 (33) CN
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- (71) The Global Alliance for TB Drug Development, Inc.
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- (71) The Johns Hopkins University; Longevity Neuro Solutions LLC
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(62) 2017319330
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- (71) The Procter & Gamble Company
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(54) Oral care compositions comprising phosphonate and anionic group containing polymers
(62) 2018384632
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- (71) ThreadLeg Pty Ltd
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(71) TLS CORP.
(21) 2021205094 (22) 15.07.2021
(54) EXTRACTING AND ENHANCING A WATERMARK SIGNAL FROM AN OUTPUT SIGNAL OF A WATERMARKING ENCODER
(62) 2020202682

(71) Transportation IP Holdings, LLC
(21) 2021205005 (22) 13.07.2021
(54) THERMAL MANAGEMENT SYSTEM AND METHOD
(31) 202011029731 (32) 13.07.20 (33) IN 17/369,468 07.07.21 US

(71) Trilink BioTechnologies, LLC
(21) 2021206780 (22) 19.07.2021
(54) Compositions and methods for synthesizing 5'-Capped RNAs
(62) 2016328645

(71) Uber Technologies, Inc.
(21) 2021204977 (22) 12.07.2021
(54) DETERMINING AND PROVIDING PREDETERMINED LOCATION DATA POINTS TO SERVICE PROVIDERS
(62) 2015301178

(71) University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd
(21) 2021205078 (22) 15.07.2021
(54) Novel lactic acid bacteria and use thereof
(62) 2018216532

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(21) 2021205131

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(21) 2021204985

(71) University of Washington through its Center for Commercialization
(21) 2021206796 (22) 19.07.2021
(54) Compositions and methods for improving nanopore sequencing
(62) 2019200897

(71) VACREST PTY LTD
(21) 2021205019 (22) 13.07.2021
(54) A system for providing a continuous stream of foamed cement product and a Mixing and Pump Apparatus, System and an Associated Method for Providing a Stream of Foamed Cement Material
(62) 2018274977

(71) Vertex Pharmaceuticals Incorporated
(21) 2021204970 (22) 12.07.2021
(54) Methods of preparing inhibitors of influenza viruses replication
(62) 2019203656

(71) Vibrant Holdings, LLC
(21) 2021205112 (22) 16.07.2021
(54) Polypeptide arrays and methods of attaching polypeptides to an array
(62) 2019216624

(71) View, Inc.
(21) 2021205049 (22) 14.07.2021
(54) Combi-sensor systems
(62) 2015324000

(71) Virginia Tech Intellectual Properties, Inc.
(21) 2021205056 (22) 14.07.2021
(54) Apparatus for dewatering and demineralization of fine particles
(62) 2016248111

(71) Visual Defence Inc.
(21) 2021205006 (22) 13.07.2021
(54) A SYSTEM AND METHOD FOR DETECTING AND TRANSMITTING INCIDENTS OF INTEREST OF A ROADWAY TO A REMOTE SERVER
(31) 16/930,070 (32) 15.07.20 (33) US

(71) Vyome Therapeutics Limited
(21) 2021205008 (22) 13.07.2021
(54) Treatments for resistant acne
(62) 2019219767

(71) Wallgarden Pty Ltd
(21) 2021205062 (22) 14.07.2021
(54) Vertical Garden Systems and Methods
(62) 2019204802

(71) Welch Allyn, Inc.
(21) 2021205073 (22) 15.07.2021
(54) Microvascular assessment using eye imaging device
(31) 63/063,593 (32) 10.08.20 (33) US

(71) Welch Allyn, Inc.
(21) 2021205077 (22) 15.07.2021
(54) Dermal image capture
(31) 63/064537 (32) 12.08.20 (33) US

(71) Werner Co.
(21) 2021205029 (22) 14.07.2021
(54) Multi-Position Ladder, Method of Using and Method of Making a Multi-Position Ladder
(31) 63/055,257 (32) 22.07.20 (33) US 63/156,167 03.03.21 US

(71) Werner Co.
(21) 2021206781 (22) 19.07.2021
(54) Extension Ladder and Methods of Making and Using an Extension Ladder
(31) 63/055,249 (32) 22.07.20 (33) US 63/174,224 13.04.21 US

(71) Westinghouse Air Brake Technologies Corporation
(21) 2021205118 (22) 16.07.2021
(54) TRAIN PARKING OR MOVEMENT VERIFICATION AND MONITORING SYSTEM AND METHOD
(62) 2016204965

(71) Willow Innovations, Inc.
(21) 2021205014 (22) 13.07.2021
(54) Breast pump system and methods
(62) 2019210590

(71) Wix.com Ltd.
(21) 2021205057 (22) 14.07.2021
(54) System and method for automated conversion of interactive sites and applications to support mobile and other display environments
(62) 2019202677

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(21) 2021204839

(71) Yin, Q.; Yin, Y.
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(54) Telomerase Moderator

(71) Zeldia Therapeutics Operations Pty Ltd
(21) 2021205115 (22) 16.07.2021
(54) Cannabis Composition
(62) 2019203529

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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Jul 2021 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

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(21) 2021103696

Yadav, A. see M, R.
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(21) 2021103734

Yadlapaty, S. see Kavitha, R.
(21) 2021103738

Yantai Jereh Petroleum Equipment & Technologies Co., Ltd, Shandong, China see China University of Petroleum (East China)
(21) 2021104410

Yanzhou District Agriculture Bureau see Qingdao Agricultural University
(21) 2021104171

Yede, P. see Dhulekar, A.M.
(21) 2021103684

(71) Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
(21) 2021103877 (22) 05.07.2021
(54) VIRTUAL SCREENING METHOD FOR SMALL MOLECULAR REVERSIBLE INHIBITORS OF FLAVOBACTERIUM ALKALINE METALLOPROTEINASE

(71) YGCC Holdings Pty Ltd
(21) 2021104133 (22) 14.07.2021
(54) A DEPALLETISING SYSTEM AND METHOD OF USE THEREOF

Yusuf, M. see Ali, A.
(21) 2021103825

(71) Zhang, R.
(21) 2021104081 (22) 13.07.2021

(54) Outdoor Display Based on Overseas Investment Risk Assessment

Zhang, J. see Henan Lamor Quantum Technology Co., Ltd
(21) 2021104178

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(71) Zhejiang Academy of Agricultural Sciences
(21) 2021104407 (22) 21.07.2021
(54) Clean cultivation method of strawberry

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(21) 2021103901

(71) Zhejiang University Zhongyuan Institute
(21) 2021104226 (22) 16.07.2021
(54) Methods for improving the stability of anthocyanin

(71) ZHENG, Z.; ZHAO, Z.
(21) 2021104237 (22) 16.07.2021
(54) BIM software and functional application in construction engineering

(71) Zhou, Y.
(21) 2021104140 (22) 14.07.2021
(54) Herbal cake for moxibustion, preparation method and use thereof

(71) ZIBO ZHONGNAN PHARMACEUTICAL PACKAGING MATERIALS CO., LTD.
(21) 2021103782 (22) 01.07.2021
(54) METHOD FOR PREPARING BIODEGRADABLE NEEDLE-FREE AIRTIGHT INFUSION CONNECTOR
(31) 202011049485.5 (32) 29.09.20 (33) CN

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2021103664	Jacobs, D.	2021103730	Dhiman, G.; Tharewal, S.; Joon, R.; Sonawane, K.; Solanki, S.; Puri, T.; Subramanian, S.; Kothari, P.; Bhadla, M.; Dhirajlal, V.
2021103684	Dhulekar, A.M.; Wadnerkar, P.; Sawant, S.; Gahane, A.; Bhivgade, A.; Keche, J.; Yede, P.	2021103731	M, R.; N, R.; S S, J.; Yadav, A.; Rani, P.; Saini, S.S.; B S, S.R.; Mittal, H.K.; Singh, P.K.; Sarkar, B.K.
2021103685	Pranveer Singh Institute of Technology Kanpur	2021103732	Gopalrao Wawale, S.
2021103686	Southwest University	2021103733	Bej, D.; Mal, A.K.
2021103687	Biswas, J.; Swain, B.P.; Rai, S.; Bhujel, R.; Rai, A.; Kumar, D.	2021103734	Singh, A.; Singh, R.; Tiwari, G.; Yadav, V.K.; Shukla, P.; Shukla, P.
2021103688	Kumar, A.; Duhan, S.; Sharma, B.; Ranga, N.; Dhayal, S.S.; Kumar, M.; Manju, .; Thakur, R.	2021103735	Vargis, B.K.; Upreti, K.; Manarcad, P.; Garg, V.; Harshavardhan, A.; Paul, B.; Agrawal, C.P.; Arora, S.
2021103689	Hussain Laskar, R.; Shuleenda Devi, S.; Sharma, M.	2021103736	Chaturvedi, D.K.; Verma, A.
2021103690	H. Shinde, B.; Kadam, K.	2021103737	P, Y.; Seetharamaiah, N.; Sri, P.U.
2021103691	Pukkunnen, E.B.; Rajan, T.P.; K. A., E.; Paulose, S.; Joseph, N.M.; Balasubramaniam, S.; S., S.; George, T.; P., J.; Jos, B.M.; Alias, A.E.; Jacob, T.; T. S., K.; Bijoy, B.; N. A., R.	2021103738	Kavitha, R.; Kumar, A.; Ashraf, M.; Nagaraju, T.; Vyshnavi, R.; Ruth, P.; Bande, V.; Tulasi, K.; Raghu, P.; Saidan, D.; Gundagani, U.K.; Yadlapaty, S.
2021103692	Asbestos Reports Australia Pty Limited	2021103739	Saurabh, S.; Wal, P.; Pal, R.S.; Gupta, R.; Saxena, B.; Sharma, K.S.
2021103693	BRIGHTGREEN PTY LTD	2021103740	Reddy, S.L.N.; Praveen, T.; Rupa, G.; Reddy, A.R.; Goud, G.S.; Sudhakar, C.; Reddy, S.S.; Dhanadeepika, B.; Shankar, M.; Kumar, K.; Anjaneyulu, B.; Bhaskar, N.U.
2021103694	Guang'an People's Hospital	2021103741	Preemptive Consulting Pty Ltd
2021103695	NANJING GMINNOVATION TECHNOLOGY CO., LTD.	2021103742	Nexdius Limited
2021103696	Wal, A.; Dave, V.; Katiyar, P.K.; Ranjan, O.P.; Yadav, E.; Chaubey, M.	2021103743	Vuly IP Holdings No. 2 Pty Ltd
2021103697	Qingdao Agriculture University	2021103744	Qingdao Agricultural University
2021103698	Luxmy Furniture pty ltd	2021103745	QINGDAO AGRICULTURAL UNIVERSITY
2021103699	Institute of Urban Environment, Chinese Academy of Sciences; University of Chinese Academy of Sciences	2021103746	QINGDAO AGRICULTURAL UNIVERSITY
2021103700	Bailey, R.	2021103747	Guangxi Beitou Transportation Maintenance Technology Group Co., LTD; Guangxi Xinfazhan Communications Group Co., LTD
2021103701	China Railway No.3 Engineering Group Co., Ltd.; Shijiazhuang Tiedao University; Transportation and Engineering Branch of China Railway No.3 Engineering Group Co., Ltd.	2021103748	Sweeney, T.; Sweeney, M.
2021103702	Tianjin University	2021103749	Wright, L.; Stanojevic, I.; Kelleher, B.
2021103703	Hebei University of Technology	2021103750	Institute of Process Engineering, Chinese Academy of Sciences
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2021103709	Unilever Global IP Limited	2021103756	Guangdong University of Technology
2021103710	Beijing Jingling Information System Technology Co., Ltd.	2021103757	Aruze Gaming America, Inc.
2021103711	Shameer, P.M.; Shrivastava, A.; K S, L.; Mayya, D., S.; Rajput, N.; Rout, S.; Nandan Mishra, U.; Shaw, R.; Ghosh, A.; Majumder, K.; Kumar, M.; Bhattacharya, S.	2021103758	CDI Electrics Pty Ltd
2021103712	Hunan University of Science and Technology	2021103759	Safe Case Technologies Pty Ltd
2021103713	Apple Inc.	2021103760	Guizhou University
2021103714	eMoMo Technology Co., Ltd.	2021103761	Lanzhou Jiaotong University
2021103715	CHARFONT LIMITED	2021103762	Nanning Qibojia Biological Technology Co., Ltd
2021103716	Qingdao Agricultural University	2021103763	Qufu Normal University; University of Jinan
2021103717	Qingdao University	2021103764	Changsha University Of Science & Technology
2021103718	Dalian Minzu University	2021103765	South China University of Technology
2021103719	Ningbo University	2021103766	NAISH, S.
2021103720	ADITYA ENGINEERING COLLEGE, Surampalem	2021103767	Guizhou University
2021103721	Guangdong University of Technology	2021103768	Chinese Academy of Geological Sciences
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2021103723	Nanjing Institute of Comprehensive Utilization of Wild Plants of All - China Supply and Marketing Cooperative Association	2021103770	National Institute of Natural Hazards, Ministry of Emergency Management of China
2021103724	XIANGYA HOSPITAL CENTRAL SOUTH UNIVERSITY	2021103771	QINGDAO WOMEN AND CHILDREN'S HOSPITAL
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2021103726	Mon, F.A.; S, G.W.; V, V.; P, S.; S, R.; Madaan, G.; Mani, M.K.; Singh, A.; Bhullar, P.S.; Rao, D.V.M.	2021103773	Nanchang Hangkong University
2021103727	Chongqing technology and business university	2021103774	Dongguan University of Technology
2021103728	Institute of Grassland Science, Tibet Academy of Agriculture and Animal Husbandry Science	2021103775	East China University of Technology
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		2021103777	Tian, G.
		2021103778	Qingdao Agricultural University
		2021103779	Hookey, S.
		2021103780	The Jelly Bait Company Pty Ltd

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2021103781	Tongji University	2021103838	Sekhar, K.C.; Sai, N.P.; B S, R.; Kumar, A.; Thimmaraju, P.K.; Ahamed, S.; Babu, G.S.; Shamsudheen, S.; D, C.S.; Mateen, A.
2021103782	ZIBO ZHONGNAN PHARMACEUTICAL PACKAGING MATERIALS CO., LTD.	2021103839	Borra, S.P.; T, A.; Devi, M.P.; Shinde, K.N.; M, H.H.P.; Kumar, V.S.; Shanmugasundaram, V.; Fuskele, V.; Nandankar, P.; T, L.
2021103783	Xijing University	2021103840	Bali, J.; Nandi, A.V.; Patil, P.G.; Nirmala, S.R.; Nis-simagoudar, P.C.; Kanakaraddi, S.G.; Gull, K.C.; Pat-tanshetti, J.; Itkarkar, R.R.; H M, G.; Chikaraddi, A.K.; Pareek, P.K.
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2021103785	Jiangsu University	2021103843	Sharma, A.; Thakkar, K.; Varsha; Derashri, P.D.; Mehta, K.; Dave, T.; Joshi, A.; Dave, A.; Gopalan, M.S.; Rana, P.; MALHOTRA, R.
2021103786	Agricultural Environmental Resources Research Insti-tute, Yunnan Academy of Agricultural Sciences	2021103844	Malviya, R.; Fuloria, N.K.; Fuloria, S.; Subramanian, V.; Dahiya, R.; Chakravarthi, S.; Karikalani, B.; Hari Ku-mar, D.; Kumarasamy, V.; Palanisamy, S.M.
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2021103788	Institute of Mechanics, Chinese Academy of Sciences	2021103858	Apple Inc.
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2021103790	Bargat, S.; Shirbhate, N.; Parauha, Y.; Dhoble, S.J.	2021103860	China Jiliang University; Hangzhou Junyuan Biotechno-logy Co., Ltd.
2021103791	Sampath, B.; Gavaskar, T.; Dogga, A.D.; Mahendran, R.K.; Kumar, A.; Kathiresan, G.; N, V.; Ganesan, M.; Ishwarya, K.; Ramana, G.; Padmanabhan, R.G.; Arockiam, A.J.	2021103861	Jinzhou Medical University
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2021103796	Rekha A, B.; Ayyanathan, N.	2021103866	Jiangsu Cancer Hospital
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2021103799	Vegetables Institute of Shandong Academy of Agricul-tural Science	2021103869	BISHOP, A.
2021103800	Qingdao Agricultural University	2021103870	GUANGXI UNIVERSITY OF CHINESE MEDICINE
2021103801	Qingdao Agricultural University	2021103871	Imtrade Australia Pty Ltd
2021103802	Tianjin University	2021103872	Marcal, H.; wanandy, N.
2021103803	Suining Central Hospital	2021103873	Razer (Asia-Pacific) Pte. Ltd.
2021103804	SU, Y.	2021103874	Preedy, S.
2021103805	Huazhong University of Science and Technology; Wuhan Rikomay New Energy Co., Ltd.	2021103875	Gong, L.
2021103806	Foshan Shunde Wei Yuan Electrical CO., LTD.	2021103876	Syngen Biotech Co., Ltd.
2021103808	CPL GROUP PTY LTD	2021103877	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences
2021103810	Huazhong University of Science and Technology; Wuhan Rikomay New Energy Co., Ltd.	2021103878	INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES; Qingdao Bangbang Information Tech-nology Co., Ltd
2021103811	Qingdao Yongquanhua Energy Technology Co., Ltd.	2021103879	HONG, W.; Summit Trade & Investment Pty Ltd
2021103812	Jiangxi Agricultural University	2021103880	ENERGY ROI PTY LTD
2021103813	Qingdao Yongquanhua Energy Technology Co., Ltd.	2021103881	Wuhan University of Science and Technology
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2021103815	Hall, C.; Lye, A.	2021103883	Gupta, S.; Pattnaik, B.; Sharma, P.; Kundra, H.; Kam-raj, P.; Bhushan, S.; Hassan, A.; Verma, B.; Prasad, D.
2021103816	Apple Inc.	2021103885	Bahram, M.
2021103817	HNA Group Pty Ltd	2021103886	Australian Coil Services Pty Ltd
2021103818	Ensign Marine Technology Pty Ltd	2021103887	Hunan University
2021103819	Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences	2021103888	Longhua Hospital Affiliated to Shanghai University of Traditional Chinese Medicine
2021103820	Mohanty, P.; Dash, S.; Acharya, B.; Singh, A.; Mohanty, D.; Sabata, S.; Sabat, S.; Singh, R.V.; Sah, S.; Saha, O.	2021103889	Binzhou Medical University
2021103821	QINGDAO WOMEN AND CHILDREN'S HOSPITAL	2021103890	Beijing Sino-Euro-American Economic and Technologic-al Development Center; Beijing University of Posts and Telecommunications
2021103822	The Ideas Box (QLD) Pty Ltd	2021103891	Mooney, C.
2021103823	QINGDAO AGRICULTURAL UNIVERSITY	2021103892	North China Electric Power University
2021103825	Ali, A.; Waseem, M.; Saleem, M.; Alavi, S.; Iqbal, J.; Yusuf, M.; Mansi, M.; Sharma, H.; Sachdeva, S.; Gautam Dinker, A.	2021103893	SHANDONG QILIDE HEAVY INDUSTRIES CO., LTD
2021103826	Madewell Products Pty Ltd	2021103894	Viswanath, V.
2021103828	INDUMATHI, J.	2021103895	Fujian Agriculture and Forestry University; Agricultur-al Products Processing Research Institute, Chinese Academy of Tropical Agricultural Sciences
2021103829	Senapati, K.K.	2021103896	Hildreth, M.
2021103830	N. PASI, B.; K. MAHAJAN, S.; B. RANE, S.	2021103898	Beijing University of Civil Engineering and Architecture
2021103831	Dey, R.; Balabantaray, R.C.	2021103899	Rudder Technology Pty Ltd
2021103832	Hubei Ruiyuan Electronic co.,Ltd	2021103900	Imtrade Australia Pty Ltd
2021103833	QINGDAO WOMEN AND CHILDREN'S HOSPITAL	2021103901	Shenzhen Technology University; Changsha University of Science & Technology; Zhejiang University
2021103834	QINGDAO AGRICULTURAL UNIVERSITY	2021103902	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.
2021103835	SUJITH, A.V.L.N.; ALAPARTHI, N.; LATHA, A.G.; KU-MAR, B.; BHATIA, D.; A, K.; JOSEPH, L.; RENJIT, J.A.; BHAVANI, K.D.; JOTHI, J.	2021103903	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.
2021103836	Lamba, G.		
2021103837	Karegowda, A.G.		

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2021103922	Fu, L.	2021104171	Qingdao Agricultural University; agricultural technology extension center of Shandong; Shandong Chunyi Agricultural Technology Development Co., Ltd; Yanzhou District Agriculture Bureau
2021103924	Metso Outotec Finland Oy	2021104172	Kunming Institute of Botany, Chinese Academy of Sciences
2021103926	Dalian University of Technology; Jinzhou huangtu energy technology co., ltd	2021104173	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences
2021103929	Kunming University of Science and Technology	2021104175	North China Institute Of Science And Technology; Chongqing University
2021103931	Dalian University of Technology; Jinzhou huangtu energy technology co., ltd	2021104177	Qingdao Agricultural University
2021103934	Simi, P.J.	2021104178	Henan Lamor Quantum Technology Co., Ltd; Liu, M.; Zhang, J.
2021103936	Chongqing Technology and Business University; Chongqing Wanbiao Test Technology Co., Ltd	2021104179	Qingdao Agricultural University; Agricultural Technology Extension Center of Shandong; Shandong Chunyi Agricultural Technology Development Co., Ltd; Agricultural Technology Extension Center of Qingdao
2021103938	Shenzhen Qianhai Jinwanhong Industrial Co., Ltd.	2021104180	Central South University
2021103956	Hongrun construction group company limited; Ningbo rail transit group co.,Ltd. construction branch	2021104181	LEASEN STEEL INTERNATIONAL PTY LTD
2021103957	Breathe Life Sciences Pty Ltd	2021104182	The First Affiliated Hospital of PLA Naval Medical University
2021103958	Hunan University	2021104183	LEASEN STEEL INTERNATIONAL PTY LTD
2021103959	Jiangxi Wotai Environmental Protection Technology Co., Ltd.	2021104184	Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences
2021103963	Jinzhou Medical University	2021104185	LEASEN STEEL INTERNATIONAL PTY LTD
2021103964	Sichuan University of Science & Engineering	2021104187	Imtrade Australia Pty Ltd
2021103965	Tianjin University of Technology and Education	2021104188	Imtrade Australia Pty Ltd
2021103966	Hainan Tropical Ocean University	2021104189	Askham, K.; Askham, N.
2021103967	Hainan Tropical Ocean University	2021104190	Institute of Forest Resource Information Techniques, Chinese Academy of Forestry
2021103970	Hainan Tropical Ocean University	2021104191	CoalBed Innovations Pty Limited
2021103971	Hainan Tropical Ocean University	2021104192	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences
2021103972	Xinjiang University	2021104196	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences
2021103975	Xinjiang University	2021104198	Qingdao Agricultural University
2021103998	LEWIS WOOLCOTT PTY LTD	2021104219	Tianjin Research Institute for Water Transport Engineering, Ministry of Transport
2021104004	Wuhan University	2021104220	SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
2021104010	Nanjing University	2021104222	Southwest University of Science and Technology
2021104011	AGNA ETHICAL VENTURES EMPRIZE PTY LTD	2021104224	henan Zhongyuan Chemical Co., Ltd
2021104013	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.	2021104225	Hunan University of Science and Technology
2021104014	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.	2021104226	Zhejiang University Zhongyuan Institute
2021104015	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.	2021104228	RAJARATNAM, K.
2021104016	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.	2021104229	Institute of Geology and Geophysics, Chinese Academy of Sciences
2021104050	Sun Yat-sen University	2021104231	The Institute of Applied Ecology, Chinese Academy of Sciences; Shenyang Yikang Environmental Biotechnology Development Co., Ltd
2021104051	Qingdao Agriculture University	2021104232	Qingdao Agricultural University
2021104052	Qingdao Agriculture University	2021104233	Fu, L.
2021104053	Tongji University	2021104237	ZHENG, Z.; ZHAO, Z.
2021104054	Solar Injection Australia Pty Ltd	2021104244	Inkjecta Pty Ltd
2021104055	Jiangsu Academy of Agricultural Sciences	2021104245	Inkjecta Pty Ltd
2021104056	Qingdao Agriculture University	2021104250	Hangzhou Laihe Biotechnology Co., Ltd
2021104058	Jilin Agricultural University	2021104252	Xinjiang University
2021104061	Guangzhou Engineering Co., Ltd. of China Railway 19th Bureau Group	2021104255	Dalian Ocean University
2021104062	PlotLogic Pty Ltd	2021104256	Tarim University
2021104063	SUZHOU UNIVERSITY OF SCIENCE AND TECHNOLOGY	2021104271	BASKARAN, P.; PALANIVELU, E.; RAMAR, N.
2021104064	Hubei University	2021104288	Gou, H.
2021104081	Zhang, R.	2021104289	Xihua University; Sinoma Science & Technology (Chengdu) Co. LTD; Chengdu Decameter Sail Science and Technology Co. LTD
2021104083	Signature Orthopaedics Europe Ltd	2021104291	Imtrade Australia Pty Ltd
2021104084	Qilu University of Technology; Taishan University	2021104292	Qilu University of Technology
2021104085	Inner Mongolia Puze Biological Products Co. Ltd.	2021104293	Hou, J.
2021104087	P&C Fencing PTY LTD	2021104296	PlotLogic Pty Ltd
2021104088	Ningxia Jiyuan Juntai New Material Technology Co. Ltd.; University of Science and Technology Beijing; Ningxia Jiyuan Metallurgical Group Co., Ltd.	2021104299	Interpod Services Pty Ltd
2021104093	HeXi University	2021104300	Techtronic Cordless GP
2021104127	The Second Medical Center Of Chinese PLA General Hospital; Changsha Sinocare Inc	2021104302	Dalian Ocean University
2021104128	The Second Medical Center Of Chinese PLA General Hospital; Changsha Sinocare Inc.		
2021104129	henan Zhongyuan Chemical Co., Ltd		
2021104132	Shandong University of Science and Technology		
2021104133	YGCC Holdings Pty Ltd		
2021104134	Hefei University of Technology		
2021104139	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.		
2021104140	Zhou, Y.		
2021104141	Imtrade Australia Pty Ltd		
2021104152	Qingdao Agricultural University		
2021104168	Shandong Academy of Agricultural Sciences		
2021104169	Shandong Academy of Agricultural Sciences		
2021104170	Hoboomlife Bio-Technology (Shenzhen) Co., Ltd.		

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2021104322	Heilongjiang Bayi Agricultural University	2021104380	Institute of Agricultural Product Quality Standard and Testing Research, Tibet Academy of Agricultural and Animal Husbandry Sciences, Lhasa, People's Republic of China
2021104323	Xihua University; Chengdu Decameter Sail Science and Technology Co. LTD; Sichuan Institute for Drug Control#Sichuan Testing Center of Medical Devices	2021104383	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.
2021104324	The First Affiliated Hospital of Xinjiang Medical University	2021104385	SHI, H.
2021104325	South China University of Technology; Guangdong Artificial Intelligence and Digital Economy Laboratory, Guangzhou; South China University of Technology Zhuhai Institute of Modern Industrial Innovation	2021104386	O'Keefe, C.
2021104327	Hefei University of Technology	2021104387	Harbin Institute of Technology
2021104328	The First Affiliated Hospital of Xinjiang Medical University	2021104388	Xinjiang University
2021104330	Shandong University	2021104390	Li, Y.
2021104331	Qingdao Agricultural University	2021104393	Xinxiang Medical University
2021104332	Qingdao Agricultural University	2021104407	Zhejiang Academy of Agricultural Sciences
2021104333	Jiangxi Agricultural University	2021104410	China University of Petroleum (East China); Ocean University of China; Beihang University; CNOOC Deepwater Development Limited; CNOOC Safety Technology Services Company, Ltd., Tianjin, China; Yantai Jereh Petroleum Equipment & Technologies Co., Ltd, Shandong, China
2021104334	Jiangxi Agricultural University	2021104412	Qingdao Agricultural University
2021104336	Guangxi University	2021104414	The 2nd Hospital of Xi'an Jiaotong University
2021104337	Heilongjiang Nongken Qianyuan Fertilizer Industry Co., Ltd.	2021104415	Qingdao Agricultural University
2021104338	Tianjin Institute of Environmental and Operational Medicine, Tianjin, China	2021104424	Shanghai Jiao Tong University
2021104340	Nankai University	2021104425	Shanghai Jiao Tong University
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2021104348	Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences	2021104433	DAVIES, J.
2021104351	Sugarcane Research Institute of Yunnan Academy of Agricultural Sciences	2021104439	Techtronic Cordless GP
2021104352	Heilongjiang Academy of Agricultural Machinery Sciences; Heilongjiang Woer Agricultural Equipment Technology Co.,Ltd	2021104440	Qingdao Agricultural University
2021104359	Qingdao Agricultural University	2021104448	The First Affiliated Hospital of Jinzhou Medical University
2021104365	Wuhan University	2021104465	Jiangxi University of Science and Technology
2021104366	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.	2021104466	Flower Research Institute, Yunnan Academy of Agricultural Sciences; City College, Kunming University of Science and Technology
2021104367	Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences	2021104468	Harbin Institute of Technology
2021104369	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.	2021104471	Sentryca
2021104370	Hangzhou Zheda Dixun Biological Gene Engineering Co., Ltd.	2021104472	China Academy of Transportation Sciences; Beihang University
2021104371	Tongji Hospital of Tongji Medical College, Huazhong University of Science and Technology	2021104475	South China University of Technologys; South China University of Technology-Zhuhai Institute of Modern Industrial Innovation; China University of Geosciences Lanzhou Jiaotong University
2021104373	Lonman Auto Accessories Co., Ltd	2021104477	Equilume Ltd
2021104374	Capital Medical University	2021104478	South China University of Technology; Lenovo (Beijing) Co., Ltd; Guangdong Artificial Intelligence and Digital Economy Laboratory, Guangzhou, China
2021104375	Lonman Auto Accessories Co., Ltd	2021104479	Techtronic Cordless GP
2021104376	Shanxi Institute of Organic Dryland Farming, Shanxi Agricultural University	2021104481	Greenwood Sales Pty Ltd
		2021104495	Cameron, A.
		2021104592	

Applications with amended filing dates Reg 3.5(A).

2021102601 **Koshariya, A.K.; Chakrabarti, T.; Hati, A.S.; Poddar, S.; Mahalingam, M.; Chakraborty, S.K.; Nasreen, S.; A., D.D.; Reddy, C.K.; Kumar, G.D.; Chakrabarti, P.; C., K.** The filing date has been amended to 01.06.2021

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

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

2001

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 2021202466 (1B) 2021202553 (1B) 2021902205 (12AN)

Assignments before Grant, Section 113

2016

2016408342 Hill, Russell; Crocco, Guy; Boral IP Holdings (Australia) Pty Limited; Zhang, Ying; Lakrou, Hamed The application has been assigned to **Boral IP Holdings (Australia) Pty Limited**

2019

2019357280 Adke, Swati; Adke, Shailesh The application has been assigned to **Vedashram India Private Limited**

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

2012327212 **Salix Pharmaceuticals, Inc.** An application to extend the time from 27 Oct 2020 to 27 May 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223**2013**

2013305704 **Beach-Drummond, J.; Marine Safety Prodcuts, LLC** An application to extend the time from 22 Aug 2019 to 22 May 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014381312 **Shoalhaven Starches Pty Ltd** An application to extend the time from 23 Dec 2020 to 23 Jul 2021 in which to pay a renewal fee has been filed . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2015

2015101673 **Whimpey, N.; Whimpey, D.; Adams, K.W.; Adams, S.** An application to extend the time from 16 Nov 2020 to 16 Jun 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015321454 **Cordis Corporation** An application to extend the time from 22 Sep 2020 to 22 May 2021 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016

2016213892 **Salix Pharmaceuticals, Inc.** An application to extend the time from 27 Oct 2022 to 27 May 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020100599 **Notley, B.** An application to extend the time from 12 Jun 2021 to 12 Dec 2021 in which to gain certification has been filed . Address for service - Benjamin Lloyd Notley 12 Goolagong PI Menai NSW 2234 AU

Applications Allowed - Section 223(2)**2004**

2004224973 **Janssen Pharmaceutica N.V.** The time in which to pay a renewal fee has been extended to 31 Mar 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2004289969 **ExxonMobil Upstream Research Company** The time in which to pay a renewal fee has been extended to 20 Apr 2021 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins St MELBOURNE VIC 3000 AU

2009

2009301632 **Silicon Fertilisers Pty Ltd** The time in which to pay a renewal fee has been extended to 07 May 2021 . Address for service - SILICON FERTILISERS PTY LTD 15 Balfour St Ferny Hills QLD 4055 AU

2015

2015286211 **Hoste, M.; Hoste, P.** The time in which to gain acceptance has been extended to 27 Aug 2021 . Address for service - Michael J.D. Hoste 12/2 Lamont Street WOLLSTONECRAFT NSW 2065 AU

Extensions of Time, Section 223**2016**

2016285895 **VisionGate, Inc.** The time in which to pay a continuation fee has been extended to 27 Apr 2021 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2019

2019334801 **HARITOU, Christos; FADA, Alan** The time in which to enter the National Phase has been extended to 05 Jun 2021 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd Brisbane Club Tower L 15 241 Adelaide St Brisbane City QLD 4000 AU

2019339257 **ARRIS ENTERPRISES LLC** The time in which to enter the National Phase has been extended to 10 May 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019388551 **GHOST ROBOTICS LLC** The time in which to enter the National Phase has been extended to 26 May 2021 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020

2020201906 **Parkins, D.** The time in which to gain acceptance has been extended to 22 Oct 2021 . Address for service - Sandercock & Cowie 1/410 Burwood Highway Wantirna South VIC 3152 AU

2021

2021203284 **EDGE Surgical, Inc.** The time in which to make a further application for a divisional patent has been extended to 11 Jun 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2021204659 **Amgen Inc.** The time in which to make a further application for a divisional patent has been extended to 01 Aug 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2021205035 **Sunhouse Technologies, Inc.** The time in which to make a further application for a divisional patent has been extended to 01 Aug 2021 . Address for service - Gestalt Law Pty Ltd GPO Box 683 Sydney NSW 2001 AU

Amendments**Applications for Amendment**

A person interested in opposing the allowance of amendments under Section 104 may at any time within two months from the date of this journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

A person who wishes to be heard in relation to a proposed Rectification of the Register must file a request to be heard within two months from the date of this journal.

2015

2015201588 WINDOW STAYS **ASSA ABLOY New Zealand Limited** The nature of the amendment is as shown in the statement(s)

Amendments

filed 23 Jul 2021 . Address for service - Ellis Terry PO Box 10932 The Terrace Wellington 6143 NZ

2015345884 Drug or health care product preventing or treating liver and kidney damage-related diseases and use thereof **Guangxi Hebabiz Pharmaceutical Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2021 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2016

2016281190 Method and compositions for cleaning cooking range exhaust systems **Novapharm Research (Australia) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 16 Jul 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016309946 Graphene synthesis **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2016321146 ApoA-1 fusion polypeptides and related compositions and methods **Theripion, Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2021 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2016328645 Compositions and methods for synthesizing 5'-Capped RNAs **Trilink BioTechnologies, LLC** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2021 . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2017

2017221438 Adaptive lidar receiver **Aeye, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 May 2021 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018

2018201633 Monitoring ground-engaging products for earth working equipment **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2021 . Address for service - MINTER ELLISON Rialto Towers 525 Collins Street Melbourne VIC 3000 AU

2018224858 Mobility vehicle **Pride Mobility Products Corporation** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2021 . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

2018317833 Solid forms of an HIV capsid inhibitor **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019

2019204723 Cryptographic key management based on identity information **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Jun 2021 . Ad-

Amendments

dress for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019204882 System, Method and Station for landing of a Drone **Zambelli Imagineering Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 15 Jun 2021 . Address for service - Caska Intellectual Property Pty Ltd PO Box 6061 PYMBLE NSW 2073 AU

2019275519 CORE TRAY AND MARKING METHOD **Dormer, K.** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2021 . Address for service - Kevin Ashby PO Box 900 Samford QLD 4520 AU

2019279968 Display substrate and preparation method thereof, display panel, and display device **BOE Technology Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2021 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2021

2021103008 SELF-HEALING THREE-DIMENSIONAL CROSS-LINKED POLYMER ELECTROLYTE WITH WIDE TEMPERATURE RANGE, PREPARATION THEREOF AND LITHIUM ION BATTERY **Huazhong University of Science and Technology ; Yinlong New Energy Incorporated Company ; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute ; Jiangsu Paineng Energy Technology Co., Ltd.** The nature of the amendment is: Amend the name of the Patentees to read Huazhong University of Science and Technology; Yinlong Energy Co.,Ltd.; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute and Jiangsu Pylon Technologies Co., Ltd. Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Amendments Made

2013

2013353803 **Dignity Giving Suits (DGS) Limited** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2021

2015

2015342774 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 26 Mar 2021

2016

2016102470 **Société des Produits Nestlé S.A.** The nature of the amendment is as shown in the statement filed 15 Jul 2021

2016202943 **Class Plastics (Aust) Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Nastri, Mario and Carapellotti, Daniel

2016226553 **Modern Ideas LLC** The nature of the amendment is as shown in the statement filed 01 Apr 2021

2016276963 **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement filed 21 Apr 2021

2016289753 **UCB Biopharma SRL** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2021

Amendments

2016315947 **Masimo Corporation** The nature of the amendment is: Amend the name of the inventor to read Al-Ali, Ammar and Forrest, Kevin

2017

2017217271 **CDRD Ventures Inc.** The nature of the amendment is as shown in the statement filed 20 Apr 2021

2017292936 **Exuma Biotech, Corp.** The nature of the amendment is: Amend the name of the inventor to read Frost, Gregory Ian; Guibinga, Ghiabe H.; Onuffer, James Joseph; Haerizadeh, Farzad and Kundu, Anirban

2017383347 **Ondilo** The nature of the amendment is: Application is to proceed under the number 2017101916

2018

2018204726 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is: Amend the name of the inventor to read Wood, Craig Christopher; Naim, Fatima; Singh, Surinder Pal; Okada, Shoko and Zhou, Xue-Rong

2018214222 **Université de Paris; Université Paris-Saclay; Acticor Biotech; Université Paris XIII; INSERM (Institut National de la Santé et de la Recherche Médicale)** The nature of the amendment is as shown in the statement filed 20 Apr 2021

2018284889 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 27 Apr 2021

2018294443 **Shoolman, Y.; Steinberg, Y.; Gottlieb, Y.; Agra, O.** The nature of the amendment is: Amend the name of the inventor to read SHOOLMAN, Yiftach; STEINBERG, Yoav; GOTTLIEB, Yossi and AGRA, Oran

2018361365 **AiCuris GmbH & Co. KG** The nature of the amendment is as shown in the statement filed 20 Apr 2021

2018443268 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read FILE TRANSFER METHOD AND ELECTRONIC DEVICE

2019

2019203925 **Island Breeze Systems CA, LLC** The nature of the amendment is as shown in the statement filed 19 Apr 2021

2019226153 **Greeneden U.S. Holdings II, LLC** The nature of the amendment is: Application is to proceed under the number 2019101812

2019346842 **Apple Inc.** The nature of the amendment is as shown in the statement filed 27 Apr 2021

2019356905 **The Board of Regents of the University of Oklahoma** The nature of the amendment is as shown in the statement filed 19 Jul 2021

2019377117 **Applied Molecular Transport Inc.** The nature of the amendment is: Amend the name of the inventor to read PORAT, Amir; SETO, Elbert; OLSON, Charles; MRSNY, Randall J.; MAHMOOD, Tahir; FENG, Weijun and POSTLETHWAITE, Sally

Amendments

2019403445 **AIM ImmunoTech Inc.** The nature of the amendment is as shown in the statement filed 06 Jul 2021

2019419653 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read TRANSMISSION MODE SELECTION METHOD AND DEVICE

2019421312 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read RESOURCE SCHEDULING METHOD FOR NETWORK SLICE AND DEVICE

2020

2020212117 **MagAssist, Inc.** The nature of the amendment is: Amend the invention title to read Support arm apparatus used for supporting medical instrument

2020360617 **Anglo American Technical & Sustainability Services Limited** The nature of the amendment is as shown in the statement filed 07 Jul 2021

2021

2021100370 **Swain, A.; Neelancherry, R.** The nature of the amendment is: Amend the name of the inventor to read Swain, Anil and Neelancherry, Remya

2021103308 **South China Normal University** The nature of the amendment is: Amend the priority details to read PCT/CN2021/097568 01 Jun 2021 WO and 202110444502.3 23 Apr 2021 CN

2021204804 **FLEXXON PTE LTD** The nature of the amendment is: Amend the invention title to read MODULE AND METHOD FOR DETECTING MALICIOUS ACTIVITIES IN A STORAGE DEVICE

2021205002 **Prologium Technology Co., Ltd.; Prologium Holding Inc.** The nature of the amendment is: Amend the invention title to read Thermal Runaway Suppression Element and the Related Applications

2021902188 **Zaatar Creek** The nature of the amendment is: Amend the invention title to read Knife plus spoon = FOON (pronounced 'noon')

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

2005

2005201315 Nippon Steel & Sumikin Stainless Steel Corporation The name of the patentee has been altered to **NIPPON STEEL Stainless Steel Corporation**

2005224205 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2006

2006237998 Nippon Steel & Sumikin Stainless Steel Corporation The name of the patentee has been altered to **NIPPON STEEL Stainless Steel Corporation**

2008

2008200596 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

Amendments

2008203106 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2008330607 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2009

2009210355 Royal Wolf Trading Australia Pty Limited The name of the patentee has been altered to **United Rentals Australia Pty Limited**

2009222598 Royal Wolf Trading Australia Pty Limited The name of the patentee has been altered to **United Rentals Australia Pty Limited**

2010

2010201156 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2010235931 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2011

2011244842 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2011294601 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2011303293 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2011319332 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012

2012206991 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012261673 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012265558 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012359860 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012387314 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012390926 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2012392707 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

Amendments

2013

2013201467 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013203298 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013203305 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013203307 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013203316 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013204282 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013205903 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013254123 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013260935 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013322097 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013336118 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2013336122 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2014

2014210600 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2014388908 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2014413384 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2014413385 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2015

2015202960 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2015218486 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

Amendments

2015218487 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2015260596 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2015271863 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2015282353 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2015331802 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016

2016102095 Royal Wolf Trading Australia Pty Limited The name of the patentee has been altered to **United Rentals Australia Pty Limited**

2016102099 Royal Wolf Trading Australia Pty Limited The name of the patentee has been altered to **United Rentals Australia Pty Limited**

2016201381 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016204768 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016208351 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016277757 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016340814 L3 Security & Detection Systems, Inc. The name of the applicant has been altered to **LEIDOS SECURITY DETECTION & AUTOMATION, INC.**

2016354580 The Reliable Automatic Sprinkler Co., Inc. The name of the patentee has been altered to **The Reliable Automatic Sprinkler Co. Inc.**

2016356233 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2016356234 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2016405571 L3 Security & Detection Systems, Inc. The name of the applicant has been altered to **LEIDOS SECURITY DETECTION & AUTOMATION, INC.**

2017

2017200146 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017200944 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

Amendments

2017201030 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017201433 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017202767 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017203842 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017204645 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017204824 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017216502 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017225030 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017225160 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017238075 L3 Security & Detection Systems, Inc. The name of the applicant has been altered to **LEIDOS SECURITY DETECTION & AUTOMATION, INC.**

2017265002 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017272306 Royal Wolf Trading Australia Pty Limited The name of the applicant has been altered to **United Rentals Australia Pty Limited**

2017305825 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2017307763 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2017361481 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018

2018200480 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018200506 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018200507 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018200712 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

Amendments

2018203514 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018205213 Bechtel Oil, Gas & Chemicals, Inc. The name of the patentee has been altered to **Bechtel Energy Inc.**

2018211647 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018211648 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018214035 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018214112 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018229510 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018232972 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018236860 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018247231 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018270179 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018271339 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018272836 L3 Security & Detection Systems, Inc. The name of the applicant has been altered to **LEIDOS SECURITY DETECTION & AUTOMATION, INC.**

2018282261 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018282262 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018282263 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2018294443 Shoolman, Yiftach; Steinberg, Yoav; Gottlieb, Yossi; Arga, Oran The name of the applicant has been altered to **Shoolman, Y.; Steinberg, Y.; Gottlieb, Y.; Agra, O.**

2018306795 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018336490 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

Amendments

2018353678 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018370412 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2018378777 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019

2019200787 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019201252 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019203350 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019203969 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019204560 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019204752 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019207738 Simmons Machine Tool Corporation The name of the applicant has been altered to **NSH USA Corporation**

2019213318 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019216571 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019219981 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019223520 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019226277 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019246908 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019253861 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019253876 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019257424 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

Amendments

2019264525 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019264556 Angel Playing Cards Co., Ltd. The name of the patentee has been altered to **Angel Group Co., Ltd.**

2019268835 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019279960 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019279975 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019287988 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019313161 Liquid Time Pty Ltd The name of the applicant has been altered to **Liquid Time Ltd**

2019335834 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2019403400 ARRIS Enterprises The name of the applicant has been altered to **ARRIS ENTERPRISES LLC**

2020

2020200635 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201080 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201274 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201800 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201801 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201879 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201880 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020201881 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020202380 Bechtel Oil, Gas & Chemicals, Inc. The name of the patentee has been altered to **Bechtel Energy Inc.**

2020203142 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

Amendments

2020203247 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020204077 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020204413 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020205218 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020205219 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020205241 Metactive Medical, Inc. The name of the applicant has been altered to **Artio Medical, Inc.**

2020205298 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020205305 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020207871 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020210240 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020213292 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020220141 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020223767 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020233633 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020233643 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020233666 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020233667 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020233764 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020256422 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020267196 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

Amendments

2020267242 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020267296 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020277250 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020281171 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020286249 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2020902490 Radatec Pty Ltd The name of the applicant has been altered to **Radetec Pty Ltd**

2021

2021100370 Swain, Anil The name of the patentee has been altered to **Swain, A.; Neelancherry, R.**

2021103212 Xinjiang Institute of Ecology and Geography The name of the patentee has been altered to **XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE ACADEMY OF SCIENCES**

2021103499 Singh, Pankaj; Singh, Ravi; Somashekar, D.R.; Singh, Sanjeev; Gaur, Prerna; Singh, Abhishek; Paliwal, Sanjay; Singh, Vivek; Sharma, Shaaswat The name of the applicant has been altered to **Singh, P.K.; Singh, R.S.; Somashekar, D.; Singh, S.; Gaur, P.; Singh, A.; Paliwal, S.; Singh, V.; Sharma, S.**

2021103643 Singh, Pankaj; Shukla, Abhishek; Mishra, Pradeep; Pandey, Ritesh; Ali, Kunwar Babar; Srivastava, Prabhat Kumar; Upmanu, Vishal; Dwivedi, Avinash; Pippal, Sanjiv Kumar; Gupta, Ganesh; Joshi, Shivani The name of the applicant has been altered to **Singh, P.; Shukla, A.; Mishra, P.; Pandey, R.; Ali, K.B.; Srivastava, P.K.; Upmanu, V.; Dwivedi, A.; Pippal, S.K.; Gupta, G.; Joshi, S.**

2021103671 MyWork Australia Pty Ltd The name of the applicant has been altered to **YouPay Pty Ltd**

2021200015 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021200077 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021200797 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021200820 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021200956 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021201412 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

Amendments

2021201556 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202569 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021202571 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021203081 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021203110 Angel Playing Cards Co., Ltd. The name of the applicant has been altered to **Angel Group Co., Ltd.**

2021204556 Arvinas, Inc. The name of the applicant has been altered to **Arvinas Operations, Inc.**

Applications Open to Public Inspection

Name Index

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

(71) Acacia Products Pty Ltd
 (11) AU-A-2020200419
 (21) 2020200419 (22) 21.01.2020
 (54) A FENCE POST
 (51) Int. Cl.
E04H 17/20 (2006.01)
 (43) 05.08.2021
 (72) PATTISON, Richard
 (74) Halfords IP

(71) ACCESS CLOSURE, INC.
 (11) AU-A-2021204805
 (21) 2021204805 (22) 08.07.2021
 (54) Chitosan and polyethylene glycol copolymers and methods and devices for using same for sealing a vascular puncture
 (51) Int. Cl.
A61L 31/04 (2006.01)
A61L 31/06 (2006.01)
A61L 31/14 (2006.01)
 (43) 05.08.2021
 (62) 2019204615
 (72) MYLONAKIS, Andreas; LIM, Florencia
 (74) Griffith Hack

(71) Access Vascular, Inc.
 (11) AU-A-2021205003
 (21) 2021205003 (22) 13.07.2021
 (54) High strength biomedical materials
 (51) Int. Cl.
A61L 29/04 (2006.01)
A61L 17/10 (2006.01)
A61L 27/16 (2006.01)
A61L 27/56 (2006.01)
A61L 29/14 (2006.01)
D01D 5/24 (2006.01)
D01F 6/14 (2006.01)
 (43) 05.08.2021
 (62) 2016377694
 (72) Biggins, James F.; Bassett, Michael; Donahue, Daniel
 (74) Shelston IP Pty Ltd.

(71) Action Products Marketing, LLC
 (11) AU-A-2021200340
 (21) 2021200340 (22) 20.01.2021
 (54) Dry pipe rehabilitation spincaster
 (51) Int. Cl.
F16L 55/18 (2006.01)
 (31) 62/963,400 (32) 20.01.20 (33) US
 (43) 05.08.2021
 (72) Walker, Keith; Melton, Colin; Jury, Dan
 (74) Davies Collison Cave Pty Ltd

(71) Active Implants LLC
 (11) AU-A-2021204793
 (21) 2021204793 (22) 08.07.2021

(54) Two-piece floating joint replacement device with a rigid backing material
 (51) Int. Cl.
A61F 2/38 (2006.01)
 (43) 05.08.2021
 (62) 2018306750
 (72) LINDER-GANZ, Eran; ELSNER, Jonathan J.; KLYCE, Henry A.
 (74) FB Rice Pty Ltd

(71) Ahn, P.
 (11) AU-A-2020213268
 (21) 2020213268 (22) 20.01.2020
 (54) Modified sulfur and production method thereof
 (51) Int. Cl.
C04B 28/36 (2006.01)
 (43) 05.08.2021
 (72) AHN, Phil Ho
 (74) FB Rice Pty Ltd

(71) Alert Innovation Inc.
 (11) AU-A-2021204720
 (21) 2021204720 (22) 06.07.2021
 (54) Storage and retrieval system
 (51) Int. Cl.
B65G 1/04 (2006.01)
 (43) 05.08.2021
 (62) 2016270946
 (72) Lert, John; Fosnight, William J.
 (74) Davies Collison Cave Pty Ltd

(71) Align Technology, Inc.
 (11) AU-A-2021204816
 (21) 2021204816 (22) 09.07.2021
 (54) IDENTIFICATION OF AREAS OF INTEREST DURING INTRAORAL SCANS
 (51) Int. Cl.
G06T 7/00 (2017.01)
G06T 5/50 (2006.01)
 (43) 05.08.2021
 (62) 2019284043
 (72) Kopelman, Avi; Sabina, Michael; Minchenkov, Mikhail; Anufrienko, Maria; Levin, Adi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alios BioPharma, Inc.
 (11) AU-A-2021204791
 (21) 2021204791 (22) 08.07.2021
 (54) Substituted nucleosides, nucleotides and analogs thereof
 (51) Int. Cl.
A61K 31/7068 (2006.01)
A61K 31/7072 (2006.01)
A61K 31/7076 (2006.01)
A61K 31/708 (2006.01)
A61P 31/14 (2006.01)

(43) 05.08.2021
 (62) 2015280248
 (72) Blatt, Lawrence M.; Beigelman, Leonid; Symons, Julian Alexander; Smith, David Bernard
 (74) Shelston IP Pty Ltd.

Ambrex, Inc. see Elanco US Inc.
 (21) 2021204727

(71) Apple Inc.
 (11) AU-A-2021204422
 (21) 2021204422 (22) 28.06.2021
 (54) Displaying a scrollable list of affordances associated with physical activities
 (51) Int. Cl.
G06F 1/16 (2006.01)
A61B 5/11 (2006.01)
G06F 3/0488 (2013.01)
 (43) 05.08.2021
 (62) 2021200787
 (72) WILLIAMS, Aled Hywel; BUTCHER, Gary Ian; SOLI, Christopher D.; SUNDRSTROM, Matthew J.; WIEBE, Molly Pray; TRIVERIO, Marco; CARRIGAN, Taylor G.; LEMAY, Stephen O.; BRIT-TAIN, Roxanne; LYNCH, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2021204788
 (21) 2021204788 (22) 08.07.2021
 (54) Electronic card having an electronic interface
 (51) Int. Cl.
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E21B 44/00 (2006.01)

E04H 12/34 (2006.01)

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C09K 8/03 (2006.01)

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G06N 99/00 (2019.01)
 (43) 05.08.2021
 (62) 2017443044
 (72) Kelly, Julian Shaw; Klimov, Paul
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC
 (11) AU-A-2021204774
 (21) 2021204774 (22) 08.07.2021
 (54) SECURITY IN A SMART-SENSORED HOME
 (51) Int. Cl.
G08B 21/00 (2006.01)
 (43) 05.08.2021
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Greatcell Energy Pty Ltd
 (11) AU-A-2021204722
 (21) 2021204722 (22) 06.07.2021
 (54) A Photovoltaic Device
 (51) Int. Cl.
H01L 51/42 (2006.01)
 (43) 05.08.2021
 (62) 2019257470
 (72) CAI, Zhihong; DESILVESTRO, Hans; JIANG, Nancy
 (74) Adams Pluck

(71) Gruppo Cimbali S.p.A.
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 (21) 2021200406 (22) 21.01.2021
 (54) METHOD OF CONTROLLING THE OUTFLOW OF THE AMOUNT OF WATER REQUIRED TO FORM A GIVEN DOSE OF A BEVERAGE OBTAINED FROM GROUND COFFEE AS IT IS BEING DISPENSED INTO A CUP AND APPARATUS FOR CARRYING OUT SUCH A METHOD
 (51) Int. Cl.
A47J 31/44 (2006.01)
 (31) 10202000001159 (32) 22.01.20 (33) IT
 (43) 05.08.2021
 (72) Dallera, Mario; Gatti, Luca Attilio Maria
 (74) Phillips Ormonde Fitzpatrick

(71) Hannay Douglas Pty Ltd
 (11) AU-A-2021200351
 (21) 2021200351 (22) 20.01.2021
 (54) APPARATUS AND METHOD FOR VAPOUR HEAT TREATMENT
 (51) Int. Cl.
A23B 7/005 (2006.01)
A23L 3/00 (2006.01)
A23L 3/10 (2006.01)
B65D 6/04 (2006.01)
B65D 6/08 (2006.01)
B65D 21/02 (2006.01)
B65D 21/024 (2006.01)
B65D 21/032 (2006.01)
B65D 85/34 (2006.01)
A01M 1/20 (2006.01)
A01M 17/00 (2006.01)
B65D 6/18 (2006.01)
B65D 81/127 (2006.01)
 (31) 2020900151 (32) 20.01.20 (33) AU
 2020900595 28.02.20 AU

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(43) 05.08.2021 **A63F 13/792** (2014.01)
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- (71)** HazProtect Pty Ltd
(11) AU-A-2021204733
(21) 2021204733 **(22)** 07.07.2021
(54) Method and system to contain or encapsulate radioactive materials and toxic substances for transportation or containment
(51) Int. Cl.
G21F 1/10 (2006.01)
G21F 5/00 (2006.01)
G21F 9/36 (2006.01)
(43) 05.08.2021
(62) 2016336036
(72) Moharrer, Mohammad Ali Sanagooy
(74) Davies Collison Cave Pty Ltd
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- (71)** HONEYWELL INTERNATIONAL INC.
(11) AU-A-2021200291
(21) 2021200291 **(22)** 18.01.2021
(54) APPARATUSES, COMPUTER-IMPLEMENTED METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IMPROVED MONITORED BUILDING ENVIRONMENT MONITORING AND SCORING
(51) Int. Cl.
G06Q 50/08 (2012.01)
G05B 13/02 (2006.01)
G05B 23/00 (2006.01)
H04W 4/33 (2018.01)
H04W 4/38 (2018.01)
(31) 16/747,479 **(32)** 20.01.20 **(33)** US
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(43) 05.08.2021
(72) Viengkham, Manyphay; Birkhead, Amanda
(74) FPA Patent Attorneys Pty Ltd
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- (71)** HOWMEDICA OSTEONICS CORP.
(11) AU-A-2021200320
(21) 2021200320 **(22)** 19.01.2021
(54) FEMORAL IMPLANT
(51) Int. Cl.
A61F 2/28 (2006.01)
A61B 17/76 (2006.01)
A61B 17/88 (2006.01)
(31) 62/964,330 **(32)** 22.01.20 **(33)** US
(43) 05.08.2021
(72) GIBBONS, Rachel; KAVERINA, Tatyana; HANSEN, Arlen Dale
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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(11) AU-A-2021200469
(21) 2021200469 **(22)** 25.01.2021
(54) SYSTEM AND METHOD FOR TRANSFERRING FUNDS TO AND FROM A GAMING ESTABLISHMENT DEVICE
(51) Int. Cl.
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(11) AU-A-2021204753
(21) 2021204753 **(22)** 07.07.2021
(54) TRANSFECTED T-CELLS AND T-CELL RECEPTORS FOR USE IN IMMUNOTHERAPY AGAINST CANCERS
(51) Int. Cl.
C07K 14/435 (2006.01)
A61K 35/12 (2015.01)
A61K 35/66 (2015.01)
C12N 15/09 (2006.01)
C12N 15/10 (2006.01)
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(62) 2017235467
(72) Alten, Leonie; Maurer, Dominik; Bunk, Sebastian
(74) Phillips Ormonde Fitzpatrick
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(11) AU-A-2021200324
(21) 2021200324 **(22)** 19.01.2021
(54) Underwater self-organizing network layered cooperative routing method and a system achieving the same
(51) Int. Cl.
H04W 40/12 (2009.01)
H04W 40/16 (2009.01)
H04W 40/20 (2009.01)
H04W 40/32 (2009.01)
H04W 84/18 (2009.01)
H04W 88/04 (2009.01)
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(74) Shelston IP Pty Ltd.
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(11) AU-A-2021204761
(21) 2021204761 **(22)** 07.07.2021
(54) Uplink transmissions in wireless communications
(51) Int. Cl.
H04W 52/34 (2009.01)
H04W 52/14 (2009.01)
H04W 52/36 (2009.01)
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(21) 2021200377 **(22)** 20.01.2021
(54) AN UNDERCARRIAGE
(51) Int. Cl.
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- (71)** J.C. Bamford Excavators Ltd
(11) AU-A-2021200378
(21) 2021200378 **(22)** 20.01.2021
(54) AN AXLE ASSEMBLY
(51) Int. Cl.
B62D 7/16 (2006.01)
B62D 7/20 (2006.01)
(31) 2000801.7 **(32)** 20.01.20 **(33)** GB
(43) 05.08.2021
(72) Streat, Christopher Jack
(74) Madderns Pty Ltd
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- (71)** Joy Global Underground Mining LLC
(11) AU-A-2021204803
(21) 2021204803 **(22)** 08.07.2021
(54) Cutting bit assembly
(51) Int. Cl.
E21C 35/18 (2006.01)
E21C 35/183 (2006.01)
(43) 05.08.2021
(62) 2015380665
(72) ARNOLD, Randy W.; O'NEILL, Michael L.
(74) Griffith Hack
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(11) AU-A-2021204824
(21) 2021204824 **(22)** 09.07.2021
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
(51) Int. Cl.
B65D 85/804 (2006.01)
(43) 05.08.2021
(62) 2016264684
(72) Dijkstra, Hielke; Groothornte, Arend Hendrik; Van Gaasbeek, Erik Pieter; Ottenschot, Marc Henrikus Joseph; Kamerbeek, Ralf; Eijssackers, Armin Sjoerd; Flamand, John Henri
(74) Davies Collison Cave Pty Ltd
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- (71)** Koninklijke Douwe Egberts B.V.
(11) AU-A-2021204827
(21) 2021204827 **(22)** 09.07.2021
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
(51) Int. Cl.
B65D 85/804 (2006.01)
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(72) Dijkstra, Hielke; Groothornte, Arend Hendrik; Van Gaasbeek, Erik Pieter; Ottenschot, Marc Henrikus Joseph;

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(11) AU-A-2021204832
(21) 2021204832 **(22)** 09.07.2021
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
(51) Int. Cl.
B65D 85/804 (2006.01)

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(62) 2016264690
(72) Dijkstra, Hielke; Groothornte, Arend Hendrik; Van Gaasbeek, Erik Pieter; Ottenschot, Marc Henrikus Joseph; Kamerbeek, Ralf; Eijsackers, Armin Sjoerd; Flamand, John Henri; Halliday, Andrew Michael; Hansen, Nicholas Andrew
(74) Davies Collison Cave Pty Ltd

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(21) 2021204983 **(22)** 12.07.2021
(54) Improved culture method for organoids
(51) Int. Cl.
C12N 5/071 (2010.01)
A61K 35/38 (2015.01)
A61K 35/407 (2015.01)

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(74) FPA Patent Attorneys Pty Ltd

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(21) 2020277081

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(54) Cleaning apparatus
(51) Int. Cl.
A47L 9/00 (2006.01)
A47L 9/06 (2006.01)
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(21) 2021200201 **(22)** 14.01.2021
(54) LAUNDRY TREATING APPARATUS
(51) Int. Cl.
D06F 39/02 (2006.01)
(31) 10-2020-0007591 **(32)** 20.01.20 **(33)** KR
10-2020-0131760 13.10.20 KR

(43) 05.08.2021
(72) JUNG, Sungwoon; JANG, Hunjun
(74) Dentons Patent Attorneys Australasia Limited

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(21) 2021200273 **(22)** 18.01.2021
(54) LAUNDRY TREATING APPARATUS
(51) Int. Cl.
D06F 39/02 (2006.01)
D06F 33/37 (2020.01)
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10-2020-0131761 13.10.20 KR

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(72) JUNG, Sungwoon; JANG, Hunjun
(74) Dentons Patent Attorneys Australasia Limited

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(11) AU-A-2021204750
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(54) Cleaner holder
(51) Int. Cl.
A47L 9/32 (2006.01)
A47L 9/28 (2006.01)
(43) 05.08.2021
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(21) 2021204974 **(22)** 12.07.2021
(54) REFRIGERATOR
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H04R 1/02 (2006.01)
F25D 23/02 (2006.01)
(43) 05.08.2021
(62) 2019222923
(72) LEE , Changjae; KIM , Jinsung; CHOI , Eunyoung
(74) Dentons Patent Attorneys Australasia Limited

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(11) AU-A-2020200433
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(54) A STRENGTHENING AND TRAINING APPARATUS, KIT AND METHOD OF USE
(51) Int. Cl.
A63B 21/04 (2006.01)
A63B 21/00 (2006.01)
A63B 69/00 (2006.01)
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(72) MORRISON, Peter
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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(21) 2021204982

(71) Mashttraxx Limited
(11) AU-A-2021204836
(21) 2021204836 **(22)** 09.07.2021
(54) Rhythmic Synchronization Of Cross Fading For Musical Audio Section Replacement For Multimedia Playback
(51) Int. Cl.
G10H 1/00 (2006.01)
G10H 1/40 (2006.01)
G11B 27/038 (2006.01)
G11B 27/036 (2006.01)
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(62) 2021201716
(72) LYSKE, Joseph Michael William
(74) WRAYS PTY LTD

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(21) 2021204730 **(22)** 06.07.2021
(54) System and method for integrating three dimensional video and galvanic vestibular stimulation
(51) Int. Cl.
H04N 5/222 (2006.01)
(43) 05.08.2021
(62) 2016377491
(72) PRADHAN, Gaurav N.; CEVETTE, Michael J.; STEPANEK, Jan
(74) Griffith Hack

(71) McIntosh, J.
(11) AU-A-2021204802
(21) 2021204802 **(22)** 08.07.2021
(54) Method and apparatus for modification of a motor vehicle suspension
(51) Int. Cl.
B60G 11/00 (2006.01)
(43) 05.08.2021
(62) 2020202596
(72) McIntosh, Jason
(74) Kevin Ashby

(71) MedImmune Limited
(11) AU-A-2021204798
(21) 2021204798 **(22)** 08.07.2021
(54) BINDING PROTEINS SPECIFIC FOR LOX1 AND USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
C12N 15/113 (2010.01)
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(74) Phillips Ormonde Fitzpatrick

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(11) AU-A-2021204988
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(54) OPHTHALMOLOGICAL IMAGING METHOD, DEVICE AND SYSTEM
(51) Int. Cl.
A61B 3/107 (2006.01)

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(74) Houlihan² Pty Ltd
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(21) 2019283962 **(22)** 20.12.2019
(54) Modular display unit for Medical, Pharmaceutical and Veterinary use. Modular display units are held together by clips and/or magnets.
(51) Int. Cl.
A47F 3/02 (2006.01)
A47F 5/00 (2006.01)
A47F 7/00 (2006.01)
A61F 13/00 (2006.01)
B65D 21/02 (2006.01)
(43) 05.08.2021
(72) Danischewski, Rowan
(74) Medstock Pty Ltd
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- (71)** ModernaTX, Inc.
(11) AU-A-2021204763
(21) 2021204763 **(22)** 07.07.2021
(54) Compounds and compositions for intracellular delivery of therapeutic agents
(51) Int. Cl.
C07C 229/12 (2006.01)
A61K 9/127 (2006.01)
C07C 237/04 (2006.01)
C07C 237/06 (2006.01)
C07C 271/20 (2006.01)
C07C 279/12 (2006.01)
C07C 279/28 (2006.01)
C07C 279/32 (2006.01)
C07C 311/07 (2006.01)
C07C 311/49 (2006.01)
C07C 321/14 (2006.01)
C07D 207/27 (2006.01)
C07D 233/72 (2006.01)
C07D 249/04 (2006.01)
C07D 263/20 (2006.01)
C07D 265/33 (2006.01)
C07D 271/06 (2006.01)
C07D 271/10 (2006.01)
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(74) Griffith Hack
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(21) 2020260402 **(22)** 27.10.2020
(54) Window blind
(51) Int. Cl.
E06B 9/32 (2006.01)
E06B 9/26 (2006.01)
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(43) 05.08.2021
(72) LUO, Lei; CHEN, Lin
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- (71)** Northrop Grumman Systems Corporation
(11) AU-A-2021204744
(21) 2021204744 **(22)** 07.07.2021
(54) Controlling a state of a qubit assembly via tunable coupling
(51) Int. Cl.
G06N 10/00 (2019.01)
(43) 05.08.2021
(62) 2019213568
(72) PRZYBYSZ, Anthony Joseph; STRAND, Joel D.
(74) Spruson & Ferguson
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- (71)** NuVasive Specialized Orthopedics, Inc.
(11) AU-A-2021204968
(21) 2021204968 **(22)** 12.07.2021
(54) SYSTEMS FOR BONE TRANSPORT
(51) Int. Cl.
A61B 17/72 (2006.01)
A61B 17/80 (2006.01)
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(74) Phillips Ormonde Fitzpatrick
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- (71)** Occam Biolabs, Inc.
(11) AU-A-2021203433
(21) 2021203433 **(22)** 26.05.2021
(54) System and method for collecting a sample of nucleic acid
(51) Int. Cl.
B01L 3/14 (2006.01)
C12M 1/12 (2006.01)
G01N 1/34 (2006.01)
(43) 05.08.2021
(62) 2015349719
(72) QIAN, Mingwei
(74) Houlihan² Pty Ltd
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- (71)** Opus Medical Therapies, LLC
(11) AU-A-2021204745
(21) 2021204745 **(22)** 07.07.2021
(54) Transcatherer atrial sealing skirt, anchor, and tether and methods of implantation
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
A61B 17/064 (2006.01)
A61B 17/08 (2006.01)
A61F 2/24 (2006.01)
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(74) HopgoodGanim
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(21) 2021200341 **(22)** 20.01.2021
(54) Housing for Water Treatment System
(51) Int. Cl.
B01D 35/30 (2006.01)
B01D 29/56 (2006.01)
C02F 1/00 (2006.01)
C02F 1/28 (2006.01)
C02F 1/44 (2006.01)
C02F 1/68 (2006.01)
C02F 9/00 (2006.01)
(31) 2020900157 **(32)** 21.01.20 **(33)** AU
(43) 05.08.2021
(72) Peeke, Sarah
(74) FAL PATENTS PTY LTD
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- (71)** Pelican Products, Inc.
(11) AU-A-2020201888
(21) 2020201888 **(22)** 16.03.2020
(54) CONTAINER MOUNTING SYSTEM FOR VEHICLES
(51) Int. Cl.
B60P 7/14 (2006.01)
B60P 7/08 (2006.01)
B60P 7/10 (2006.01)
B60R 9/048 (2006.01)
(31) 16/744,787 **(32)** 16.01.20 **(33)** US
(43) 05.08.2021
(72) BOSSENBROEK, Scott Lee; TENNANT, Robert Clifford
(74) Griffith Hack
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- (71)** Pharmalink International Limited
(11) AU-A-2021204787
(21) 2021204787 **(22)** 08.07.2021
(54) Lipid combinations
(51) Int. Cl.
A61K 35/612 (2015.01)
A61K 35/618 (2015.01)
A61P 29/00 (2006.01)
(43) 05.08.2021
(62) 2018392997
(72) Hodgson, Charles; Myers, Stephen; Oliver, Christopher
(74) Davies Collision Cave Pty Ltd
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- (71)** Phil and Teds Design Limited
(11) AU-A-2021204297
(21) 2021204297 **(22)** 24.06.2021
(54) A Baby Carrier
(51) Int. Cl.
A47D 13/02 (2006.01)
A47D 15/00 (2006.01)
(43) 05.08.2021
(62) 2021201176
(72) Flaunty, Evam; Gower, Campbell Douglas
(74) CreatelP
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- (71)** Price Holyoake (NZ) Limited
(11) AU-A-2021200231
(21) 2021200231 **(22)** 15.01.2021
(54) Fire Damper
(51) Int. Cl.
E06B 5/16 (2006.01)
E06B 7/23 (2006.01)
F24F 13/14 (2006.01)
F24F 13/15 (2006.01)
E06B 7/086 (2006.01)
(31) 760912 **(32)** 17.01.20 **(33)** NZ
(43) 05.08.2021
(72) Holder, Gary Brian
(74) James & Wells Intellectual Property

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 (11) AU-A-2021204772
 (21) 2021204772 (22) 08.07.2021
 (54) DYNAMICALLY CONVEY INFORMATION OF DEMODULATION REFERENCE SIGNAL AND PHASE NOISE COMPENSATION REFERENCE SIGNAL
 (51) Int. Cl.
H04L 5/00 (2006.01)
H04L 27/26 (2006.01)
H04W 72/04 (2009.01)
 (43) 05.08.2021
 (62) 2017252163
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 (74) Madderns Pty Ltd

(71) Rail Control Systems Australia Pty Ltd
 (11) AU-A-2021204799
 (21) 2021204799 (22) 08.07.2021
 (54) Speed proving method and apparatus
 (51) Int. Cl.
B61L 29/18 (2006.01)
B61L 1/16 (2006.01)
 (43) 05.08.2021
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 (72) Popplewell, Neil
 (74) FAL PATENTS PTY LTD

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 (11) AU-A-2021204342
 (21) 2021204342 (22) 25.06.2021
 (54) Essential oil compositions and applications utilizing essential oils
 (51) Int. Cl.
A23K 10/30 (2016.01)
A23K 50/30 (2016.01)
A23K 50/75 (2016.01)
A23K 50/80 (2016.01)
A61K 36/53 (2006.01)
A61K 36/54 (2006.01)
C11B 9/00 (2006.01)
 (43) 05.08.2021
 (62) 2016264468
 (72) Lamb, Richard Dale
 (74) Dark IP

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 (21) 2021204767

(71) Rezvani, B.
 (11) AU-A-2021204810
 (21) 2021204810 (22) 09.07.2021
 (54) EMERGENCY DRONE GUIDANCE DEVICE
 (51) Int. Cl.
G08B 13/00 (2006.01)
G05D 1/04 (2006.01)
G06Q 30/06 (2012.01)
G08B 25/10 (2006.01)
G08B 29/02 (2006.01)

(43) 05.08.2021
 (62) 2018208596
 (72) Rezvani, Babak
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Rikco International, LLC
 (11) AU-A-2021204792
 (21) 2021204792 (22) 08.07.2021
 (54) Pressure relief system for footwear
 (51) Int. Cl.
A61F 5/00 (2006.01)
A43B 7/14 (2006.01)
 (43) 05.08.2021
 (62) 2019200672
 (72) O'Reilly, Brian; Lidtke, Roy Herman
 (74) FPA Patent Attorneys Pty Ltd

(71) Rodriguez, B.
 (11) AU-A-2020200372
 (21) 2020200372 (22) 19.01.2020
 (54) CLOVER: THE DRESSING APRON
 The Clover is a dressing apron, a multifunctional garment enabling the user to change discretely and dry off after swimming or showering. The Clover will reduce towel usage, influencing behavior change to incorporate the wearable towel into a normal routine, making changing easier inside comfort and design. The apron also allows the user to carry items that would otherwise be stored in a bag, furthering usability.
 (51) Int. Cl.
A41D 13/04 (2006.01)
A41D 3/00 (2006.01)
A41D 7/00 (2006.01)
A41D 13/00 (2006.01)
A41D 31/12 (2019.01)
 (43) 05.08.2021
 (72) Rodriguez, Bianca
 (74) Bianca Rodriguez

(71) Sage Therapeutics, Inc.
 (11) AU-A-2021204782
 (21) 2021204782 (22) 08.07.2021
 (54) 3,3 Disubstituted 19-nor pregnane compounds, compositions, and uses thereof
 (51) Int. Cl.
C07J 5/00 (2006.01)
A61K 31/57 (2006.01)
A61K 31/573 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
C07J 7/00 (2006.01)
C07J 31/00 (2006.01)
C07J 43/00 (2006.01)
 (43) 05.08.2021
 (62) 2019203046
 (72) UPASANI, Ravindra B.; HARRISON, Boyd L.; SALITURO, Francesco G.; ASKEW, Benny C.; ROBICHAUD, Albert J.
 (74) Spruson & Ferguson

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2021204767
 (21) 2021204767 (22) 08.07.2021
 (54) Methods for treating patients with heterozygous familial hypercholesterolemia (heFH)
 (51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 9/10 (2006.01)
 (43) 05.08.2021
 (62) 2015289613
 (72) Baccara-Dinet, Marie; Hanotin, Corinne; Bessac, Laurence; Chaudhari, Umesh; Porody, Robert; Sasiela, William; Schwemmer Gipe, Daniel A.
 (74) Griffith Hack

(71) Schneider Electric USA, Inc.
 (11) AU-A-2021204755
 (21) 2021204755 (22) 07.07.2021
 (54) SYSTEMS AND METHODS FOR MANAGING VOLTAGE EVENT ALARMS IN AN ELECTRICAL SYSTEM
 (51) Int. Cl.
G01R 19/00 (2006.01)
G01R 21/00 (2006.01)
G06Q 50/06 (2012.01)
G08B 21/18 (2006.01)
 (43) 05.08.2021
 (62) 2019204822
 (72) Bickel, John A.
 (74) Madderns Pty Ltd

(71) Shaanxi Huikang Bio-Tech Co., Ltd.
 (11) AU-A-2020403707
 (21) 2020403707 (22) 11.08.2020
 (54) Recombinant collagen and recombinant collagen sponge material
 (51) Int. Cl.
C07K 14/78 (2006.01)
C12N 1/16 (2006.01)
C12N 15/81 (2006.01)
C12P 21/02 (2006.01)
 (31) 202010052422.9 (32) 17.01.20 (33) CN
 (43) 05.08.2021
 (72) HE, Yue; WANG, Jiuna; ZHAO, Jinli
 (74) Griffith Hack

(71) Shenzhen HyperSynes Co., Ltd.
 (11) AU-A-2020294325
 (21) 2020294325 (22) 24.12.2020
 (54) TAG ANTENNA AND PASSIVE TEMPERATURE DETECTION APPARATUS
 (51) Int. Cl.
H01Q 9/16 (2006.01)
G01K 7/36 (2006.01)
G06K 7/10 (2006.01)
G06K 19/00 (2006.01)
H01Q 1/22 (2006.01)
H01Q 9/26 (2006.01)
H01Q 9/28 (2006.01)
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 (72) LIU, Lingqing; YUAN, Jiade
 (74) Winston GREEN

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 (11) AU-A-2021200267
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 (54) IMPROVEMENTS TO APPARATUS FOR SECURING LOADS
 (51) Int. Cl.
B65D 63/10 (2006.01)
 (31) GB2000709.2 (32) 17.01.20 (33) GB
 (43) 05.08.2021
 (72) Smith, Sean Ronald
 (74) Madderns Pty Ltd
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- (71) Snowflake Inc.
 (11) AU-A-2021204192
 (21) 2021204192 (22) 21.06.2021
 (54) Systems, methods, and devices for securely managing network connections
 (51) Int. Cl.
G06F 21/50 (2013.01)
 (43) 05.08.2021
 (62) 2017236880
 (72) Armstrong, James Calvin; Claybaugh, Jonathan
 (74) FB Rice Pty Ltd
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- (71) SOLAR ANALYTICS PTY LTD
 (11) AU-A-2021206802
 (21) 2021206802 (22) 19.07.2021
 (54) System and method for efficient credentialing
 (51) Int. Cl.
H04L 9/00 (2006.01)
H04K 1/00 (2006.01)
 (43) 05.08.2021
 (62) 2018267586
 (72) Mrakas, Chris
 (74) James & Wells Intellectual Property
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- (71) Sorrento Therapeutics, Inc.
 (11) AU-A-2021204301
 (21) 2021204301 (22) 24.06.2021
 (54) Transdermal drug delivery apparatus and methods
 (51) Int. Cl.
A61M 37/00 (2006.01)
A61M 35/00 (2006.01)
 (43) 05.08.2021
 (62) 2019279994
 (72) BAKER, Andrew T.; GADSBY, Elizabeth Deibler; ROSS, Russell F.; HAGAN, Luke
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- (71) SWIMC LLC
 (11) AU-A-2021204724
 (21) 2021204724 (22) 06.07.2021
 (54) Prep tool
 (51) Int. Cl.
B25G 3/14 (2006.01)
B25G 1/08 (2006.01)
B25G 3/26 (2006.01)
 (43) 05.08.2021
 (62) 2019229396
 (72) LEVAND, Victor J.; GAURAV, Sharad; MULROY, Sarah Bridget;
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 (74) Spruson & Ferguson
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- (71) SyntheX, Inc.
 (11) AU-A-2021205010
 (21) 2021205010 (22) 13.07.2021
 (54) Protein interfaces
 (51) Int. Cl.
C07K 14/435 (2006.01)
A61K 38/00 (2006.01)
A61K 38/02 (2006.01)
C07K 16/30 (2006.01)
 (43) 05.08.2021
 (62) 2017271678
 (72) Chahwan, Charly; Soloveychik, Maria
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Tableau Software, LLC
 (11) AU-A-2021204978
 (21) 2021204978 (22) 12.07.2021
 (54) Using an object model of heterogeneous data to facilitate building data visualizations
 (51) Int. Cl.
G06F 16/22 (2019.01)
 (43) 05.08.2021
 (62) 2018347838
 (72) TALBOT, Justin; HAU, Roger; CORY, Daniel; OH, Jiyoung; ROBERTS, Teresa
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021200218
 (21) 2021200218 (22) 14.01.2021
 (54) A HORSE SPEED CALCULATION SYSTEM AND METHOD BASED ON DEEP LEARNING
 (51) Int. Cl.
G06K 9/68 (2006.01)
G01P 3/38 (2006.01)
G06N 20/00 (2019.01)
G06T 7/215 (2017.01)
G06T 7/246 (2017.01)
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 (43) 05.08.2021
 (72) Kwan, Kwok Leung
 (74) Madderns Pty Ltd
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- (71) Techtronic Cordless GP
 (11) AU-A-2020286200
 (21) 2020286200 (22) 08.12.2020
 (54) Power tool having noise reduction features
 (51) Int. Cl.
B25F 5/02 (2006.01)
B25D 17/11 (2006.01)
 (31) 62/963,806 (32) 21.01.20 (33) US
 (43) 05.08.2021
 (72) HOFFMAN, Ronald J.; REED, Scott W.; AMICK, JR., Ashley B.
 (74) Spruson & Ferguson
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- (71) The Boeing Company
 (11) AU-A-2020281179
 (21) 2020281179 (22) 07.12.2020
 (54) Electrical power generation from turbine engines
 (51) Int. Cl.
H02K 1/00 (2006.01)
H02K 7/00 (2006.01)
H02K 21/00 (2006.01)
 (31) 16/744,305 (32) 16.01.20 (33) US
 (43) 05.08.2021
 (72) LIU, Shengyi
 (74) FB Rice Pty Ltd
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- (71) The Boeing Company
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 (21) 2020289805 (22) 17.12.2020
 (54) Method and system for testing performance of flight control surface systems
 (51) Int. Cl.
B64F 5/60 (2017.01)
G05B 17/00 (2006.01)
G05D 1/08 (2006.01)
 (31) 16/746,639 (32) 17.01.20 (33) US
 (43) 05.08.2021
 (72) DREYFOOS, Aron Whittemoore; FINIGAN, John Scott; HUGHES, Gregory John; RAMOS, Andres
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- (71) The Chamberlain Group, Inc.
 (11) AU-A-2021204734
 (21) 2021204734 (22) 07.07.2021
 (54) Barrier operator feature enhancement
 (51) Int. Cl.
G05B 99/00 (2006.01)
 (43) 05.08.2021
 (62) 2019210566
 (72) CASPARUS, Cate; FITZGIBBON, James J.; KELLER Jr., Robert R.; MURRAY, James Scott; PUDIPEDDI, Sapt Gireesh; SORICE, Cory; STANEK, Gregory John; WILLMOTT, Colin Barns
 (74) AJ PARK
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- (71) THE CHEMOURS COMPANY FC, LLC.
 (11) AU-A-2021204987
 (21) 2021204987 (22) 12.07.2021
 (54) COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE
 (51) Int. Cl.
C07C 17/25 (2006.01)
C08J 9/14 (2006.01)
C09K 3/30 (2006.01)
C09K 5/04 (2006.01)
 (43) 05.08.2021
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 (72) NAPPA, Mario Joseph; MAHLER, Barry Asher
 (74) Houlihan² Pty Ltd
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Longeviti Neuro Solutions LLC
(11) AU-A-2021204982
(21) 2021204982 (22) 12.07.2021
(54) Method of Performing Surgery, Comprising a Low-Profile Static Cranial Implant.
(51) Int. Cl.
A61B 17/68 (2006.01)
A61B 17/80 (2006.01)
A61F 2/00 (2006.01)
A61F 2/02 (2006.01)
A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
A61L 27/00 (2006.01)
(43) 05.08.2021
(62) 2017319330
(72) Gordon, Chad R.; Christopher, Jesse
(74) Burns IP & Commercial Pty Ltd
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- (71) The Procter & Gamble Company
(11) AU-A-2021205007
(21) 2021205007 (22) 13.07.2021
(54) Oral care compositions comprising phosphonate and anionic group containing polymers
(51) Int. Cl.
A61K 8/24 (2006.01)
A61K 8/46 (2006.01)
A61Q 11/00 (2006.01)
C08F 8/40 (2006.01)
C08F 16/06 (2006.01)
C08F 30/00 (2006.01)
C08F 216/06 (2006.01)
C08F 230/00 (2006.01)
(43) 05.08.2021
(62) 2018384632
(72) WEST, Ryan Michael; CRON, Scott Leroy; YIN, Yingkun; GLANDORF, William Michael
(74) Griffith Hack
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- (71) The United States of America, as represented by The Secretary, Department of Health and Human Services
(11) AU-A-2021204818
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(54) METHODS TO ELIMINATE CANCER STEM CELLS BY TARGETING CD47
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
C07K 16/30 (2006.01)
(43) 05.08.2021
(62) 2015329696
(72) Roberts, David R.; Kaur, Sukhbir; Liu, Chengyu
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Totes Isotoner Corporation
(11) AU-A-2021200171
(21) 2021200171 (22) 13.01.2021
(54) Footwear sole, boot and sandal
(51) Int. Cl.
A43B 9/14 (2006.01)
A43B 13/04 (2006.01)
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(74) FB Rice Pty Ltd
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- (71) Toyota Jidosha Kabushiki Kaisha
(11) AU-A-2021200303
(21) 2021200303 (22) 19.01.2021
(54) Method for manufacturing fiber reinforced resin molded article, and manufacturing device thereof
(51) Int. Cl.
B29C 70/48 (2006.01)
B29C 43/18 (2006.01)
(31) 2020-007382 (32) 21.01.20 (33) JP
(43) 05.08.2021
(72) Hatta, Ken
(74) Shelston IP Pty Ltd.
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(11) AU-A-2021204747
(21) 2021204747 (22) 07.07.2021
(54) A DECORATIVE PANEL
(51) Int. Cl.
B32B 29/00 (2006.01)
B32B 3/30 (2006.01)
B44C 5/04 (2006.01)
G06K 19/06 (2006.01)
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(74) AJ PARK
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(21) 2021200274 (22) 18.01.2021
(54) Ice maker
(51) Int. Cl.
F25C 1/25 (2018.01)
F25C 1/00 (2006.01)
(31) 16/746,828 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin; CAYEMBERG, Curt
(74) Spruson & Ferguson
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021200275
(21) 2021200275 (22) 18.01.2021
(54) Refrigeration appliance with detachable electronics module
(51) Int. Cl.
F25D 29/00 (2006.01)
F25C 1/00 (2006.01)
F25D 23/02 (2006.01)
H05K 5/00 (2006.01)
H05K 7/00 (2006.01)
(31) 16/746,834 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin; CAYEMBERG, Curt
(74) Spruson & Ferguson
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021200276
(21) 2021200276 (22) 18.01.2021
(54) Ice maker
(51) Int. Cl.
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021204751
(21) 2021204751 (22) 07.07.2021
(54) Improved system for collecting customer ratings from a pin entry device
(51) Int. Cl.
G06Q 20/20 (2012.01)
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- F25C 1/25 (2018.01)
A47F 3/04 (2006.01)
F25C 1/00 (2006.01)
(31) 16/746,833 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin
(74) Spruson & Ferguson
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021200277
(21) 2021200277 (22) 18.01.2021
(54) Ice maker
(51) Int. Cl.
F25C 1/25 (2018.01)
F25C 1/00 (2006.01)
(31) 16/746,836 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin; CAYEMBERG, Curt
(74) Spruson & Ferguson
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021200278
(21) 2021200278 (22) 18.01.2021
(54) Ice maker
(51) Int. Cl.
F25C 1/25 (2018.01)
F25C 1/00 (2006.01)
(31) 16/746,838 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin; CAYEMBERG, Curt
(74) Spruson & Ferguson
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021200279
(21) 2021200279 (22) 18.01.2021
(54) Ice maker
(51) Int. Cl.
F25C 1/25 (2018.01)
F25C 1/00 (2006.01)
(31) 16/746,839 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin
(74) Spruson & Ferguson
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- (71) True Manufacturing Co., Inc.
(11) AU-A-2021200280
(21) 2021200280 (22) 18.01.2021
(54) Ice maker, ice dispensing assembly, and method of deploying ice maker
(51) Int. Cl.
F25C 1/00 (2006.01)
F25C 1/25 (2018.01)
F25D 23/02 (2006.01)
F25D 23/06 (2006.01)
(31) 16/746,835 (32) 18.01.20 (33) US
(43) 05.08.2021
(72) KNATT, Kevin; FRIEND, John
(74) Spruson & Ferguson
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- (71) truRating Limited
(11) AU-A-2021204751
(21) 2021204751 (22) 07.07.2021
(54) Improved system for collecting customer ratings from a pin entry device
(51) Int. Cl.
G06Q 20/20 (2012.01)

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(72) Nelson, Georgina; Salmon, Peter
(74) Davies Collison Cave Pty Ltd

(71) Turbovich, I.
(11) AU-A-2021204179
(21) 2021204179 **(22)** 21.06.2021
(54) Garment
(51) Int. Cl.

A41B 13/00 (2006.01)
A41D 27/08 (2006.01)
A63F 9/00 (2006.01)
A63H 33/00 (2006.01)
G09B 1/00 (2006.01)

(43) 05.08.2021
(62) 2019201913
(72) Turbovich, Irit
(74) FPA Patent Attorneys Pty Ltd

(71) Turmtide Technologies Inc.
(11) AU-A-2021204739
(21) 2021204739 **(22)** 07.07.2021
(54) Reduced noise and vibration switched reluctance machine

(51) Int. Cl.
H02K 19/10 (2006.01)
H02K 1/24 (2006.01)
H02K 16/00 (2006.01)
H02P 25/08 (2016.01)

(43) 05.08.2021
(62) 2019255248,2020220113
(72) DESAI, Piyush; KNODEL, Timothy; KNODEL, Bryan; FAIRALL, Earl; KRISHNAMURTHY, Mahesh; JOHNSTON, Mark; CREARY, Trevor
(74) FB Rice Pty Ltd

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(21) 2021204985

(71) University of North Carolina at Chapel Hill
(11) AU-A-2021204797
(21) 2021204797 **(22)** 08.07.2021
(54) Method of engrafting cells from solid tissues

(51) Int. Cl.
A61M 31/00 (2006.01)

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(62) 2019271995
(72) TURNER, Rachael; GERBER, David; LOZOYA, Oswaldo; REID, Lola M.
(74) FB Rice Pty Ltd

(71) Vanda Pharmaceuticals Inc.
(11) AU-A-2021204784
(21) 2021204784 **(22)** 08.07.2021
(54) TREATMENT OF CIRCADIAN RHYTHM DISORDERS

(51) Int. Cl.
A61K 31/00 (2006.01)
A61K 31/343 (2006.01)

A61P 5/00 (2006.01)
A61P 43/00 (2006.01)
(43) 05.08.2021
(62) 2019204306
(72) Dressman, Marlene Michelle; Feeney, John Joseph; Licamele, Louis William; Polymeropoulos, Mihael H.

(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2021204970
(21) 2021204970 **(22)** 12.07.2021
(54) Methods of preparing inhibitors of influenza viruses replication

(51) Int. Cl.
C07D 471/04 (2006.01)
C07C 51/083 (2006.01)

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(62) 2019203656
(72) TANOURY, Gerald J.; NUGENT, William Aloysius; DVORNIKOV, Vadims; ROSE, Peter Jamison
(74) Spruson & Ferguson

(71) W. L. Gore & Associates, Inc.
(11) AU-A-2021204801
(21) 2021204801 **(22)** 08.07.2021
(54) Leaflet frame attachment for prosthetic valves

(51) Int. Cl.
A61F 2/24 (2006.01)

(43) 05.08.2021
(62) 2018334191
(72) ARCARO, David J.; PROBERT, Stephen M.; DIENNO, Dustin V.; HARTMAN, Cody L.
(74) Griffith Hack

(71) Wisconsin Alumni Research Foundation (WARF)
(11) AU-A-2021204721
(21) 2021204721 **(22)** 06.07.2021
(54) IMPROVED INFLUENZA B VIRUS REPLICATION FOR VACCINE DEVELOPMENT

(51) Int. Cl.
C12N 7/00 (2006.01)
A61K 39/12 (2006.01)
A61K 39/145 (2006.01)

(43) 05.08.2021
(62) 2017221444
(72) Kawaoka, Yoshihiro; Neumann, Gabriele; Ping, Jihui
(74) Phillips Ormonde Fitzpatrick

(71) Wi-Tronix, LLC
(11) AU-A-2021204819
(21) 2021204819 **(22)** 09.07.2021
(54) Real-time data acquisition and recording system viewer

(51) Int. Cl.
G06F 17/00 (2019.01)
H04B 1/38 (2015.01)

(43) 05.08.2021
(62) 2017268273
(72) JORDAN, Lawrence B.; PATEL, Savankumar V.; WEAVER, Bryan
(74) Spruson & Ferguson

(71) Wix.com Ltd.
(11) AU-A-2021204770
(21) 2021204770 **(22)** 08.07.2021
(54) System integrating a mobile device application creation, editing and distribution system with a website design system

(51) Int. Cl.
G06F 3/048 (2013.01)
G06F 9/455 (2018.01)
G06F 15/16 (2006.01)

(43) 05.08.2021
(62) 2016299874
(72) Kol, Tal; Cocos, Noam; Almog, Noam; Sherwin, Reuven J.
(74) Cotters Patent & Trade Mark Attorneys

(71) XIDIAN UNIVERSITY
(11) AU-A-2021200302
(21) 2021200302 **(22)** 19.01.2021
(54) METHOD FOR SHARING MODELS AMONG AUTONOMOUS VEHICLES BASED ON BLOCKCHAIN

(51) Int. Cl.
G06F 21/62 (2013.01)
G06Q 50/30 (2012.01)

(31) 202010074874.7 **(32)** 22.01.20 **(33)** CN
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(72) LI, Changle; LI, Fan; FU, Yuchuan; ZHAO, Pincan
(74) Murray Trento & Associates Pty Ltd

(71) YETI Coolers, LLC
(11) AU-A-2021204743
(21) 2021204743 **(22)** 07.07.2021
(54) Closure and lid and method of forming closure and lid

(51) Int. Cl.
A47G 19/22 (2006.01)
B65D 81/38 (2006.01)

(43) 05.08.2021
(62) 2019257415
(72) SEIDERS, Roy Joseph; TOLMAN, John Alan; NICHOLS, Steve Charles
(74) Davies Collison Cave Pty Ltd

(71) ZETCO VALVES PTY LTD.
(11) AU-A-2021200123
(21) 2021200123 **(22)** 11.01.2021

(54) Gas Cooker Isolation Valve
(51) Int. Cl.
F16K 27/06 (2006.01)
F16K 5/06 (2006.01)
F17D 1/04 (2006.01)
F16L 15/00 (2006.01)
F16L 19/02 (2006.01)
F24C 3/12 (2006.01)

(31) 2020900133 **(32)** 17.01.20 **(33)** AU

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- (43) 05.08.2021
(72) WALKER, Matthew; SAPIENZA, Ben;
MICHAELS, Scott; MALCOTTI, Stefano
(74) Fraser Old & Sohn
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- (71) ZETCO VALVES PTY LTD.
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(21) 2021200124 (22) 11.01.2021
(54) Gas Cooker Isolation Valve
(51) Int. Cl.
F16K 27/06 (2006.01)
F16K 5/06 (2006.01)
F17D 1/04 (2006.01)
F16L 15/00 (2006.01)
F16L 19/02 (2006.01)
F24C 3/12 (2006.01)
(31) 2020900134 (32) 17.01.20 (33) AU
(43) 05.08.2021
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MALCOTTI, Stefano; MICHAELS, Scott
(74) Fraser Old & Sohn

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2020200372	Rodriguez, B.	2021204724	SWIMC LLC
2020200419	Acacia Products Pty Ltd	2021204726	ConMed Corporation
2020200433	Livin Livin Pty Ltd	2021204727	Elanco US Inc.; Ambrx, Inc.
2020201888	Pelican Products, Inc.	2021204730	Mayo Foundation for Medical Education and Research
2020202077	Chongbo, Z.	2021204733	HazProtect Pty Ltd
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2020213268	Ahn, P.	2021204735	Fenwal, Inc.
2020260402	Nien Made Enterprise Co., Ltd.	2021204736	Glycosyn LLC
2020277081	B&L Biotech, Inc.; Lee, I.W.	2021204738	Face International Corporation
2020281083	Coupang Corp.	2021204739	Turntide Technologies Inc.
2020281179	The Boeing Company	2021204740	Auspex Pharmaceuticals, Inc.
2020286200	Techronic Cordless GP	2021204741	Fisher & Paykel Healthcare Limited
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2020289805	The Boeing Company	2021204744	Northrop Grumman Systems Corporation
2020289821	LG Electronics Inc.	2021204745	Opus Medical Therapies, LLC
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2020294263	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2021204751	truRating Limited
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2020403707	Shaanxi Huikang Bio-Tech Co., Ltd.	2021204753	Immatics Biotechnologies GmbH
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2021200171	Totes Isotoner Corporation	2021204761	InterDigital Patent Holdings, Inc.
2021200201	LG Electronics Inc.	2021204763	ModernaTX, Inc.
2021200218	Target Information Company Limited	2021204766	DraftKings, Inc.
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2021200280	True Manufacturing Co., Inc.	2021204784	Vanda Pharmaceuticals Inc.
2021200291	HONEYWELL INTERNATIONAL INC.	2021204785	Fisher & Paykel Healthcare Limited
2021200302	XIDIAN UNIVERSITY	2021204787	Pharmalink International Limited
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2021200378	J.C. Bamford Excavators Ltd	2021204800	C2N Diagnostics LLC
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2021204556	Arvinas, Inc.	2021204822	Evolve Biosystems, Inc.
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2021204708	Dolby International AB	2021204827	Koninklijke Douwe Egberts B.V.
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2021204974 LG Electronics Inc.
2021204978 Tableau Software, LLC
2021204979 Auris Health, Inc.
2021204982 The Johns Hopkins University; Longeviti Neuro Solutions LLC
2021204983 Koninklijke Nederlandse Akademie van Wetenschappen
2021204985 CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; UNIVERSITY OF KENTUCKY
2021204987 THE CHEMOURS COMPANY FC, LLC.
2021204988 MEDMONT INTERNATIONAL PTY LTD
2021204989 Buildsafe Queensland Pty Ltd
2021205003 Access Vascular, Inc.
2021205007 The Procter & Gamble Company
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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.)

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(74) Afnan Bashir

(71) Beijing Institute of Technology; The National High Technology Development Center of Green Materials

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(21) 2021102733 (22) 21.05.2021

(54) Quasi-random assembled single particle electrode

(51) Int. Cl.
H01M 4/04 (2006.01)
H01M 10/48 (2006.01)
H01M 4/02 (2006.01)
H01M 4/131 (2010.01)
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(51) Int. Cl.
H05B 47/18 (2020.01)
H04Q 9/02 (2006.01)
H04W 4/80 (2018.01)
H05B 47/11 (2020.01)
G05B 13/02 (2006.01)
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(71) Blinkhorne, B.

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(51) Int. Cl.
H01R 4/66 (2006.01)
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(45) 05.08.2021
(72) Blinkhorne, Ben
(74) Origin Patent and Trade Mark Attorneys

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(54) BATTERY ASSEMBLY AND CASING THEREFORE

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H01M 50/107 (2021.01)
H01M 10/0525 (2010.01)
H01M 50/119 (2021.01)
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H01M 50/184 (2021.01)

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(71) Bocko Pty Ltd; Flexsky Pty Ltd

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(21) 2021102712 (22) 20.05.2021

(54) INSECTICIDE

(51) Int. Cl.
A01N 53/00 (2006.01)
A01N 25/02 (2006.01)
A01P 7/04 (2006.01)
A61K 9/00 (2006.01)
A61K 31/215 (2006.01)
A61K 47/06 (2006.01)
A61K 47/44 (2017.01)
A61P 33/14 (2006.01)

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(72) BOSTON, Gray
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) BOYD, C.

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(21) 2021103024 (22) 02.06.2021

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E03D 1/32 (2006.01)
F16K 31/18 (2006.01)

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(72) BOYD, CRAIG
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Bradley, M. see Garg, V.

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(71) Brand Developers Limited

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(54) Hair styling tool

(51) Int. Cl.
A45D 2/36 (2006.01)
(31) 2020901997 (32) 16.06.20 (33) AU

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(72) TAIT, BRENDON
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(71) Carey Bros. Construction Pty Ltd

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(21) 2021103097 (22) 04.06.2021

(54) A covered walkway

(51) Int. Cl.
E04B 7/16 (2006.01)
E04B 1/343 (2006.01)
E04B 7/10 (2006.01)

(31) 2020902916 (32) 17.08.20 (33) AU

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(72) CAREY, Simon; BARO, Ozgur; McGANN, James
(74) BRM Patent Attorneys Pty Ltd

(71) Certify Plus Pty Ltd

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(54) Process for submitting and managing Certificate of Compliance

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G06Q 10/06 (2012.01)
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(71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD; China Railway 18th Bureau Group Construction and Installation Engineering Co. Ltd

(11) AU-A-2021102636
(21) 2021102636 (22) 17.05.2021

(54) METHOD FOR FACILITATING STEEL PIPE COLUMNS OF PREFABRICATED HOUSE TO REALIZE HEATING, COOLING AND FIREFIGHTING

(51) Int. Cl.
F24D 3/12 (2006.01)
A62C 35/60 (2006.01)
E04B 1/19 (2006.01)
E04B 1/94 (2006.01)
E04H 1/00 (2006.01)
E04H 1/02 (2006.01)
F24D 3/14 (2006.01)
A62C 35/68 (2006.01)
E04B 1/00 (2006.01)
E04B 5/48 (2006.01)
E04C 2/52 (2006.01)
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F24F 5/00 (2006.01)

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(72) Guo, Ziran; Zhang, Xiangping
(74) MOHAN MURALI KODIVEL

(71) CHINA RAILWAY 18 BUREAU GROUP CO. LTD.; China Railway 18th Bureau

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(51) Int. Cl.
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(74) Madders Pty Ltd

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(74) Kiran Kalyan Dahibhate

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(71) Datta Meghe Institute of Medical Sciences; Sharad Pawar Dental College; Yeshwantrao ChavanCollege Of Engineering; Datta Meghe College of Pharmacy; Warokar, A.S.; Deshmukh, M.; Amnerkar, N.D.; Mahajan, U.N.; Duragkar, N.J.
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(74) Datta Meghe Institute of Medical Sciences

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(54) METHOD FOR PREPARING MODIFIED BIOCHAR ADSORPTION MATERIAL AND APPLICATION THEREOF
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B01J 20/20 (2006.01)
B01J 6/00 (2006.01)
B01J 20/30 (2006.01)
C01B 32/324 (2017.01)
C01B 32/354 (2017.01)
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B01D 53/86 (2006.01)
B01D 53/04 (2006.01)
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 (54) EXERCISE DEVICE
 (51) Int. Cl.
A63B 21/00 (2006.01)
A63B 21/078 (2006.01)
A47C 1/032 (2006.01)
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 (72) Kunitz, Michael Vernon
 (74) LEGALVISION ILP PTY. LTD.

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G05B 23/02 (2006.01)
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 (74) JAGANNATH JADHAV

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 (11) AU-A-2021103366
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G06Q 30/06 (2012.01)
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G06Q 20/38 (2012.01)
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 (54) Container
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B65D 3/14 (2006.01)
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B65D 41/04 (2006.01)
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 (31) 2011683.6 (32) 28.07.20 (33) GB
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 (74) A.P.T. Patent and Trade Mark Attorneys

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G06K 9/62 (2006.01)
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- (71) GDH Mining and Maintenance Pty Ltd
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 (11) AU-A-2021103564
 (21) 2021103564 (22) 23.06.2021
 (54) ELECTRICITY GENERATING DEVICE
 (51) Int. Cl.
H02N 2/18 (2006.01)
H02K 7/18 (2006.01)
H02K 35/02 (2006.01)
 (31) 202111023402 (32) 26.05.21 (33) IN
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 (74) LAMINAR IP PTY LTD

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 (21) 2021103564

Greena, J.M. see Prabu, K.
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Guangdong Ocean University see Institute of Animal Husbandry and Veterinary Medicine, Academy of Agriculture and Animal Husbandry, Tibet Autonomous Region
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 (51) Int. Cl.
B01D 29/64 (2006.01)
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(72) HASEGAWA, Takayuki; TATEDA, Takeshi; KAWAI, Kazunari; ANDOU, Tomoyuki; WADA, Satoshi; MURATA, Toshiaki
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Pahariya, Y. see Shrivastava, A.

(21) 2021102975

(71) PakPot Pty Ltd

(11) AU-A-2021103454

(21) 2021103454 (22) 18.06.2021

(54) Method of Applying a Label to a Container and a Container produced by said method

(51) Int. Cl.

B29C 45/17 (2006.01)

B29C 45/00 (2006.01)

B29C 45/14 (2006.01)

B65D 1/26 (2006.01)

B65C 3/06 (2006.01)

B29L 31/00 (2006.01)

(45) 05.08.2021

(62) 2020100979

(72) Matto, Joe

(74) LESICAR MAYNARD ANDREWS PTY LTD

Pallathadka, H. see Shrivastava, A.

(21) 2021102975

PARVEEN, S.M.J. see K., S.

(21) 2021103364

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(21) 2021103337

Patil, R.N. see Ahirwar, D.

(21) 2021103573

(71) Pearson, J.

(11) AU-A-2021103332

(21) 2021103332 (22) 14.06.2021

(54) BOX SIGN

(51) Int. Cl.

G09F 13/04 (2006.01)

G09F 7/00 (2006.01)

G09F 7/02 (2006.01)

G09F 15/00 (2006.01)

G09F 7/18 (2006.01)

(45) 05.08.2021

(72) Pearson, Jamie; Pearson, Wayne

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

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(21) 2021102648

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(11) AU-A-2021102841

(21) 2021102841 (22) 26.05.2021

(54) FABRICATION PROCESS OF TEXTILE FABRIC WITH MULTIMODAL TACTILE SENSOR

(51) Int. Cl.

G01L 1/18 (2006.01)

A61B 5/00 (2006.01)

D03D 1/00 (2006.01)

D03D 15/56 (2021.01)

G01D 5/18 (2006.01)

A41D 13/12 (2006.01)

A61B 5/11 (2006.01)

D03D 11/00 (2006.01)

(45) 05.08.2021

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(74) Lakshmi Narayanan

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(21) 2021102841

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(21) 2021103546

Pratyush, K. see Prabu, K.

(21) 2021102841

(71) PUNITHA, A.; PRASAD, M.; SHANTHI, S.; DEO, R.N.; SARITHA, G.; ANITA SOFIA LIZ, D.R.; YADAV, M.; OHMSAKTHI VEL, R.; BRINDHA, S.; SINGH, G.; SETHIL MAHESH, P.C.; JAICHANDRAN, R.

(11) AU-A-2021103546

(21) 2021103546 (22) 22.06.2021

(54) HYBRID NETWORK FOR REAL-TIME TRACKING USING MACHINE TO MACHINE COMMUNICATION

(51) Int. Cl.

H04W 24/08 (2009.01)

H04W 4/70 (2018.01)

H04W 24/02 (2009.01)

H04W 74/08 (2009.01)

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(74) Anush P

(71) Purifas Holdings Pty Ltd

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(54) Patient Face Sheet

(51) Int. Cl.

A61G 15/12 (2006.01)

A61B 46/00 (2016.01)

(45) 05.08.2021

(62) 2017202118

(72) Samaan, Ibrahim

(74) Clark Intellectual Property Pty Ltd

(71) Qilu University of Technology

(11) AU-A-2021103349

(21) 2021103349 (22) 15.06.2021

(54) Pseudomonas Chlororaphis QOHPHZ-8 for producing 1-Hydroxy-Phenazine (1-OH-PHZ) and use thereof

(51) Int. Cl.

C12N 1/21 (2006.01)

C12N 15/78 (2006.01)

C12P 17/14 (2006.01)

C12R 1/38 (2006.01)

(31) 202011024003.0 (32) 25.09.20 (33) CN

(45) 05.08.2021

(72) LIU, Kaiquan; LI, Ling; WANG, Ruiming; WANG, Tengfei; LI, Piwu

(74) Walker IP

(71) Qilu University of Technology

(11) AU-A-2021103414

(21) 2021103414 (22) 17.06.2021

(54) Genetically engineered strain for high production of phenazine-1-carboxylic acid (PCA), and construction method and use thereof

(51) Int. Cl.

C12N 1/21 (2006.01)

C12N 15/78 (2006.01)

C12P 17/14 (2006.01)

C12R 1/38 (2006.01)

(31) 202011026544.7 (32) 25.09.20 (33) CN

(45) 05.08.2021

(72) Liu, Kaiquan; Li, Ling; Wang, Ruiming; Wang, Tengfei; Li, Piwu

(74) Davies Collison Cave Pty Ltd

(71) Qingdao Metro Group Co., Ltd; Qingdao University of Technology

(11) AU-A-2021102830

(21) 2021102830 (22) 25.05.2021

(54) LARGE PLATFORM FOR TESTING IMPACT OF SUBWAY-INDUCED VIBRATIONS ON SURROUNDING ENVIRONMENT

(51) Int. Cl.

G01M 7/02 (2006.01)

G01H 11/08 (2006.01)

G01P 15/00 (2006.01)

(45) 05.08.2021

(72) Liu, Fangke; Liu, Junwei; Liu, Junjie; Xu, Qinghui; Dai, Xingke; Yu, Xiuxia; Wan, Zhipeng; Chen, Jianwei

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(21) 2021103483

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(21) 2021102975

(71) RAKMAN INTERNATIONAL PTY LTD
(11) AU-A-2021102986
(21) 2021102986 (22) 31.05.2021
(54) AN ACCESS PANEL ASSEMBLY AND AN ASSOCIATED METHOD
(51) Int. Cl.
E06B 5/16 (2006.01)
A62C 2/06 (2006.01)
E04B 1/90 (2006.01)
E04B 9/00 (2006.01)
E06B 5/01 (2006.01)
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(72) Rakic, John
(74) Adams Pluck

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(21) 2021102648 (22) 18.05.2021
(54) "AN E-VEHICLES CHARGING BY WI-FI PAD BY USING IOT AND SYSTEM."
(51) Int. Cl.
G06Q 30/02 (2012.01)
B60L 53/126 (2019.01)
B60L 53/65 (2019.01)
B60L 53/66 (2019.01)
G06Q 50/30 (2012.01)
H04W 4/021 (2018.01)
G16Y 10/40 (2020.01)
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(21) 2021103340

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(21) 2021103328

Roji, M.M. see Prabu, K.
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(11) AU-A-2021103043
(21) 2021103043 (22) 03.06.2021
(54) OPTIMIZE THE PROCESS PARAMETERS OF MACHINING OF GEAR ON ELECTRICAL DISCHARGE MACHINING
(51) Int. Cl.
G05B 19/18 (2006.01)
B23H 1/02 (2006.01)
B23H 1/08 (2006.01)
B23H 7/04 (2006.01)
B23H 7/08 (2006.01)
B23H 7/10 (2006.01)
G05B 19/418 (2006.01)
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(72) Chauhan, Sumit; Bhatnagar, Abhinav; Kumar, Amit; Kandwal, Akhilesh; Gupta, Sachin
(74) Roorkee College of Engineering

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(11) AU-A-2021103045
(21) 2021103045 (22) 03.06.2021
(54) DROWSY DETECTION USING IMAGE PROCESSING
(51) Int. Cl.
G08B 21/06 (2006.01)
G06K 9/00 (2006.01)
G08B 21/04 (2006.01)
G06K 9/46 (2006.01)
G06N 20/10 (2019.01)
G06N 20/20 (2019.01)
(45) 05.08.2021
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(74) Roorkee College of Engineering

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(21) 2021103326

Sai, N.P. see Franco, P.A.
(21) 2021103342

(71) Sakr, H.
(11) AU-A-2021102806
(21) 2021102806 (22) 24.05.2021
(54) A Fruit Protector
(51) Int. Cl.
A01G 13/02 (2006.01)
A01G 13/10 (2006.01)
(31) 2021900121 (32) 20.01.21 (33) AU

(45) 05.08.2021
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(21) 2021103195

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(21) 2021103546

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(21) 2021102841

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(21) 2021103402

(71) SEDWYN Pty Ltd
(11) AU-A-2021103034
(21) 2021103034 (22) 02.06.2021
(54) An alkaline hydrolysis apparatus
(51) Int. Cl.
B09B 3/00 (2006.01)
(45) 05.08.2021
(72) Brown, Matthew Leonard
(74) Davies Collison Cave Pty Ltd

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(21) 2021103546

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(21) 2021102841

(71) Shandong Cancer Hospital and Institute
(11) AU-A-2021103347
(21) 2021103347 (22) 15.06.2021
(54) METHOD FOR RECOGNIZING PERIPHERAL BLOOD CIRCULATING TUMOR CELL OF TUMOR PATIENT BASED ON ISOLATION BY SIZE OF EPITHELIAL TUMOR CELLS
(51) Int. Cl.
G01N 33/574 (2006.01)
G01N 1/30 (2006.01)
G01N 1/40 (2006.01)
G01N 33/49 (2006.01)
G01N 33/50 (2006.01)
G01N 33/569 (2006.01)
(45) 05.08.2021
(72) CUI, Kai; LI, Sheng; LI, Hao
(74) Alder IP Pty Ltd

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(11) AU-A-2021102947
(21) 2021102947 (22) 28.05.2021
(54) Special Cleaning Brush for Joint Between Fish Pond Wall and Pond Bottom
(51) Int. Cl.
A01K 63/10 (2017.01)
A46B 5/00 (2006.01)
E04H 4/16 (2006.01)

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 (74) Alder IP Pty Ltd

(71) Shanghai Ocean University
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 (21) 2021103469 (22) 18.06.2021
 (54) UNDERWATER SOUND VELOCITY MEASURING APPARATUS AND MEASURING METHOD USING SAME
 (51) Int. Cl.
 G01H 5/00 (2006.01)
 (31) 202110370510.8 (32) 07.04.21 (33) CN
 (45) 05.08.2021
 (72) TONG, Jianfeng; ZHANG, Jin
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Shantaram Thorat, S. see Shrivastava, A.
 (21) 2021102975

SHANTHI, S. see PUNITHA, A.
 (21) 2021103546

Sharad Pawar Dental College see Datta Meghe Institute of Medical Sciences
 (21) 2021103110

Sharma, P. see ., M.
 (21) 2021103328

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Sharma, A. see Shinghal, K.
 (21) 2021103402

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 (11) AU-A-2021103390
 (21) 2021103390 (22) 16.06.2021
 (54) A Skincare Oil
 (51) Int. Cl.
 A61K 36/185 (2006.01)
 A61K 8/92 (2006.01)
 A61K 8/9789 (2017.01)
 A61K 9/00 (2006.01)
 A61K 9/08 (2006.01)
 A61K 31/01 (2006.01)
 A61K 36/28 (2006.01)
 A61K 36/47 (2006.01)
 A61K 36/48 (2006.01)
 A61K 36/63 (2006.01)
 A61K 36/87 (2006.01)
 A61K 47/44 (2017.01)
 A61P 17/10 (2006.01)
 A61P 17/16 (2006.01)
 A61P 17/18 (2006.01)
 A61Q 17/00 (2006.01)
 A61Q 19/00 (2006.01)
 (31) 2020902047 (32) 19.06.20 (33) AU
 (45) 05.08.2021
 (72) Skaf, Shaza
 (74) Shawelle Pty Ltd

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 (11) AU-A-2021102205
 (21) 2021102205 (22) 27.04.2021
 (54) An open-arc self-shielded flux cored wire for continuous casting roll surfacing in straightening section of continuous caster and its preparation method
 (51) Int. Cl.
 B22F 1/00 (2006.01)
 B22F 5/12 (2006.01)
 B22F 7/04 (2006.01)
 B23K 35/02 (2006.01)
 B23K 35/22 (2006.01)
 B23K 9/04 (2006.01)
 C21D 7/00 (2006.01)
 C22C 38/00 (2006.01)
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 (54) IoT Based Smart Rodent Repelling System for Automobiles
 (51) Int. Cl.
 A01M 29/10 (2011.01)
 A01M 29/16 (2011.01)
 A01M 29/18 (2011.01)
 A01M 31/00 (2006.01)
 A01M 1/20 (2006.01)
 B60R 99/00 (2009.01)
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 H01Q 9/04 (2006.01)
 H01Q 1/36 (2006.01)
 H01Q 5/42 (2015.01)
 H01Q 19/00 (2006.01)
 H01Q 21/06 (2006.01)
 H01Q 1/28 (2006.01)
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 (74) Anurag Shrivastava

(71) Sichuan Animal Science Academy
 (11) AU-A-2021103298
 (21) 2021103298 (22) 11.06.2021
 (54) METHOD FOR RAISING CHICKENS UNDER ACER PALMATUM THUNB FOREST
 (51) Int. Cl.
 A23K 10/30 (2016.01)
 A01K 31/00 (2006.01)
 A23K 50/75 (2016.01)
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 (72) YU, Chunlin
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 (51) Int. Cl.
 E04D 13/072 (2006.01)
 (45) 05.08.2021
 (72) Pussell, Patrick
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(51) Int. Cl.
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(71) The Virtual GIS Group PTY Ltd
(11) AU-A-2021102626
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(54) Bicycle Hub Assembly
(51) Int. Cl.
F16D 41/30 (2006.01)
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(45) 05.08.2021
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(74) Michael Buck IP

(71) Tianjin University
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(54) Oxidation dispersion strengthened
steels and preparation method thereof
(51) Int. Cl.
C22C 33/02 (2006.01)
C22C 38/00 (2006.01)
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C22C 38/22 (2006.01)
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LTD
(11) AU-A-2021103311
(21) 2021103311 (22) 11.06.2021
(54) CAMBER ADJUSTMENT SYSTEM
(51) Int. Cl.
B62D 17/00 (2006.01)
B62D 7/06 (2006.01)
(45) 05.08.2021
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(54) System for storing recyclable contain-
ers
(51) Int. Cl.
B65G 51/04 (2006.01)
B65B 21/08 (2006.01)

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(31) S2020/0224 (32) 07.10.20 (33) IE
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TION OF SILVER NANOPARTICLES
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B22F 9/24 (2006.01)
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B82Y 40/00 (2011.01)
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Power Science & Research Institute

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(54) METHOD FOR DETERMINING RA-
DIAL DEFORMATION OF TRANS-
FORMER WINDING
(51) Int. Cl.
H01F 27/42 (2006.01)
G01B 7/16 (2006.01)
G01R 31/72 (2020.01)
H01F 30/12 (2006.01)
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(54) METHOD, APPARATUS AND SYSTEM
FOR EVALUATING HEALTH STATUS
OF TRANSFORMER FLEET
(51) Int. Cl.
G05B 23/02 (2006.01)
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G06T 7/00 (2017.01)

A61B 5/085 (2006.01)
A61B 6/03 (2006.01)
G06N 3/02 (2006.01)
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G16H 30/40 (2018.01)
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(71) Verhagen, W.
(11) AU-A-2021103336
(21) 2021103336 (22) 14.06.2021
(54) VanderBill Auto-adjustable Harmonica
Neck Rack
(51) Int. Cl.
G10G 5/00 (2006.01)
(45) 05.08.2021
(72) Verhagen, William
(74) William Eric Verhagen

Verma, A. see , M.
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(21) 2021103110

(71) Wilson, M.
(11) AU-A-2021102853
(21) 2021102853 (22) 26.05.2021
(54) A guard
(51) Int. Cl.
A01G 13/02 (2006.01)
(31) 2020901732 (32) 27.05.20 (33) AU
(45) 05.08.2021
(72) Wilson, Malcolm
(74) Davies Collison Cave Pty Ltd

(71) Wilson, S.
(11) AU-A-2021103412
(21) 2021103412 (22) 17.06.2021
(54) A roadside assistance pushbutton com-
munication system
(51) Int. Cl.
H04M 1/72424 (2021.01)
H04M 3/42 (2006.01)

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H04M 1/60 (2006.01)
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(72) Wilson, Stephen
(74) Patentec Patent Attorneys

(71) Wuhan Tianyou Rubber Products Co., Ltd.
(11) AU-A-2021103304
(21) 2021103304 **(22)** 11.06.2021
(54) LEVITATION GRAVITY DEVICE
(51) Int. Cl.
F16C 32/04 (2006.01)
F16H 35/00 (2006.01)
(45) 05.08.2021
(72) XIAO, Shugang; CHEN, Baolin
(74) Origin Patent and Trade Mark Attorneys

(71) Xi'an Jiaotong University; National Grid Corporation Northwest Branch
(11) AU-A-2021103180
(21) 2021103180 **(22)** 08.06.2021
(54) Electricity power trading mode of inter-provincial clean electric energy peaks-valleys and wet-dry season mutual aid in AC interconnected power grid
(51) Int. Cl.
G06Q 50/06 (2012.01)
G06Q 10/06 (2012.01)
G06Q 30/02 (2012.01)
G06Q 40/04 (2012.01)
(45) 05.08.2021
(72) Ding, Tao; Mu, Chenggang; Qu, Ming; He, Yuankang; Liu, Ruifeng; Chen, Tianen; He, Fangbo; Li, Juan; Li, Xiaojun
(74) Alder IP Pty Ltd

(71) Xinjiang University
(11) AU-A-2021103344
(21) 2021103344 **(22)** 15.06.2021
(54) Multi-input multi-output visible light communication transmitting device with combined optical beams
(51) Int. Cl.
H04B 10/116 (2013.01)
H04B 7/0413 (2017.01)
H04B 7/0456 (2017.01)
(45) 05.08.2021
(72) Ding, Jupeng; I, Chih-Lin; Zhao, Kai; Zhang, Linlin; Wang, Lili; Zhang, Xinyun
(74) Alder IP Pty Ltd

(71) Xinjiang University
(11) AU-A-2021103419
(21) 2021103419 **(22)** 17.06.2021
(54) Multiple input and multiple output wireless optical communication system for rail train
(51) Int. Cl.
H04B 10/112 (2013.01)
B61L 1/02 (2006.01)
B61L 1/18 (2006.01)
B61L 15/00 (2006.01)
B61L 25/02 (2006.01)
H04B 7/0413 (2017.01)
H04L 29/08 (2006.01)

H04W 4/44 (2018.01)
H04J 14/02 (2006.01)
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(72) Ding, Jupeng; I, Chih-Lin; Zhao, Kai; Zhang, Linlin; Wang, Lili
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Xuzhou Meizike Animal Husbandry Technology Co., Ltd. see Xuzhou University of Technology
(21) 2021103016

Xuzhou Meizike Animal Husbandry Technology Co., Ltd. see Xuzhou University of Technology
(21) 2021103017

(71) Xuzhou University of Technology
(11) AU-A-2021102126
(21) 2021102126 **(22)** 22.04.2021
(54) A Low-carbon Gas Discharge Device for Construction
(51) Int. Cl.
B03C 3/08 (2006.01)
B03C 3/011 (2006.01)
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(72) LIU, Zhiyong; HE, Qiang; ZHU, Jiong; LI, Gongchan; LI, Yan
(74) WRAYS PTY LTD

(71) Xuzhou University of Technology; Xuzhou Meizike Animal Husbandry Technology Co., Ltd.
(11) AU-A-2021103016
(21) 2021103016 **(22)** 01.06.2021
(54) A DRY AND WET SEPARATION SYSTEM FOR FRESH CATTLE MANURE
(51) Int. Cl.
C05F 3/06 (2006.01)
C05F 17/40 (2020.01)
C05F 17/50 (2020.01)
C05F 17/80 (2020.01)
C05F 17/90 (2020.01)
(45) 05.08.2021
(72) Wang, Tao; Li, Wen; Liu, Xi; Liu, Xun
(74) Ran Tao

(71) Xuzhou University of Technology; Xuzhou Meizike Animal Husbandry Technology Co., Ltd.
(11) AU-A-2021103017
(21) 2021103017 **(22)** 01.06.2021
(54) A fermentation bed for ecological breeding cows
(51) Int. Cl.
A01K 1/01 (2006.01)
A01C 3/02 (2006.01)
A01K 1/015 (2006.01)
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(72) Li, Wen; Wang, Tao; Liu, Xi; Liu, Xun
(74) Ran Tao

YADAV, M. see PUNITHA, A.
(21) 2021103546

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(21) 2021103340

(71) Yantai Hongyuan Bio-fertilizer CO., Ltd
(11) AU-A-2021103306
(21) 2021103306 **(22)** 11.06.2021
(54) A METHOD FOR PREPARING CHITO-OLIGOSACCHARIDE
(51) Int. Cl.
C12P 19/04 (2006.01)
C05F 11/00 (2006.01)
C08B 37/00 (2006.01)
C12P 19/14 (2006.01)
(31) 202110262992.5 **(32)** 11.03.21 **(33)** CN
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(72) WU, Chunfeng; WANG, Meng; SUN, Mingbin
(74) Remarkable IP

Yeshwantrao Chavan College Of Engineering see Datta Meghe Institute of Medical Sciences
(21) 2021103110

Yunnan Academy of Tobacco Agricultural Sciences see Yunnan Tobacco Quality Inspection & Supervision Station
(21) 2021103313

(71) Yunnan Tobacco Quality Inspection & Supervision Station; Yunnan Academy of Tobacco Agricultural Sciences
(11) AU-A-2021103313
(21) 2021103313 **(22)** 11.06.2021
(54) NICOTIANA-SPECIFIC MOLECULAR MARKER FOR DISCRIMINATING TOBACCO FROM NON-TOBACCO AND APPLICATION THEREOF
(51) Int. Cl.
C12Q 1/6895 (2018.01)
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(72) Zhang, Ke; Tong, Zhijun; Zhang, Xi-aowei; Sun, Haowei; Long, Jie; Chen, Dan; Zhang, Jiwu; Xiao, Bingguang; Fang, Dunhuang; Li, Haiyan; Sui, Xueyi; Wang, Chunqiong; Chen, Xuejun; Cai, Jiyejun; Gu, Jianlong; Zou, Congming; Peng, Lijun; Li, Dan; Wei, Jia; Han, Xiaoyuan; Wang, Lu; Hu, Xiaodong; Chi, Yuan; Yang, Yimin
(74) Madderns Pty Ltd

(71) Zaozhuang University
(11) AU-A-2021103405
(21) 2021103405 **(22)** 17.06.2021
(54) TERAHERTZ NONBIANISOTROPIC METAMATERIAL LABEL-FREE SENSOR AS WELL AS PREPARATION AND USE
(51) Int. Cl.
G01N 21/03 (2006.01)
G01N 21/3581 (2014.01)
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H01Q 15/00 (2006.01)

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(72) YAN, Xin; ZHANG, Zhang; Liang, Lan-ju; YANG, Maosheng; WEI, Dequan; WANG, Meng; YAO, Jianquan

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Zhanjiang Experimental Station, Chinese Academy of Tropical Agricultural Sciences see Institute of Animal Husbandry and Veterinary Medicine, Academy of Agriculture and Animal Husbandry, Tibet Autonomous Region

(21) 2021103054

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(21) 2021103090

(71) Zhongshiduoqing (Shandong) Biotech Co., Ltd.

(11) AU-A-2021103416

(21) 2021103416 (22) 17.06.2021

(54) Polypeptide, composition, compound preparation for lowering uric acid, preparation method and use thereof

(51) Int. Cl.

C07K 14/78 (2006.01)

A61K 35/60 (2006.01)

A61K 36/287 (2006.01)

A61K 36/488 (2006.01)

A61K 36/8994 (2006.01)

A61K 36/906 (2006.01)

A61K 38/08 (2019.01)

A61P 19/06 (2006.01)

(31) 202010607566.6 (32) 29.06.20 (33) CN

(45) 05.08.2021

(72) ZHANG, Jiuxun; ZHANG, Xuejun; TIAN, Mingzhan; ZHANG, Xiping; WEI, Wei; PEI, Zhongli

(74) FB Rice Pty Ltd

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2021102867	Hebei Weizhengheng Integrated Housing Technology Co.,Ltd.	2021103233	HUNAN ANMIN SCIENCE AND TECHNOLOGY CO., LTD.
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		2021103340	Upreti, K.; Raut, R.D.; Tajuddin, M.; Nandan, M.; Yamuna, G.; Kaur, K.

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2021103480	Henan University of Technology
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2021103539	Hancock, W.
2021103546	PUNITHA, A.; PRASAD, M.; SHANTHI, S.; DEO, R.N.; SARITHA, G.; ANITA SOFIA LIZ, D.R.; YADAV, M.; OHMSAKTHI VEL, R.; BRINDHA, S.; SINGH, G.; SENTHIL MAHESH, P.C.; JAICHANDRAN, R.
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<u>C02F 101 /-</u>	<u>C12P 3 /-</u>	2021103097	<u>F23G 5 /-</u>	2021103347	2021103301
2021103100	2021103149	<u>E04B 9 /-</u>	2021103463	2021103405	<u>G06F 3 /-</u>
<u>C02F 103 /-</u>	<u>C12Q 1 /-</u>	2021102986	<u>F23J 15 /-</u>	<u>G01P 15 /-</u>	2021103387
2021103232	2021103313	<u>E04C 2 /-</u>	2021103463	2021102830	<u>G06F 40 /-</u>
2021103264	<u>C12R 1 /-</u>	2021102636	<u>F24D 3 /-</u>	<u>G01R 31 /-</u>	2021102373
<u>C05F 11 /-</u>	2021103149	2021103539	<u>F24D 5 /-</u>	2021103407	<u>G06F 9 /-</u>
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2021103306	2021103414	2021102636	<u>F24F 5 /-</u>	<u>G01S 19 /-</u>	<u>G06K 9 /-</u>
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2021103016	<u>C21D 7 /-</u>	2021103229	<u>G01B 7 /-</u>	<u>G01V 8 /-</u>	2021103287
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<u>C05F 3 /-</u>	<u>C22C 33 /-</u>	2021103539	<u>G01D 5 /-</u>	<u>G01W 1 /-</u>	<u>G06N 20 /-</u>
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2021103303	<u>C22C 38 /-</u>	2021102636	<u>G01F 15 /-</u>	<u>G05B 13 /-</u>	2021103045
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<u>C05F 5 /-</u>	2021103508	2021102867	<u>G01F 3 /-</u>	2021103463	2021103326
2021103303	<u>D03D 1 /-</u>	<u>E04H 4 /-</u>	2021102815	2021103505	2021103340
2021103470	2021102841	2021102947	<u>G01H 11 /-</u>	<u>G05B 17 /-</u>	<u>G06N 3 /-</u>
<u>C07D 311 /-</u>	<u>D03D 11 /-</u>	<u>E06B 5 /-</u>	2021102830	2021103409	2021103300
2021103054	2021102841	2021102986	<u>G01H 5 /-</u>	<u>G05B 19 /-</u>	2021103326
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2021103416	2021102841	2021103011	<u>G01L 1 /-</u>	<u>G05B 21 /-</u>	2021103342
<u>C08B 37 /-</u>	<u>E01D 2 /-</u>	2021103011	<u>G01L 5 /-</u>	2021102345	<u>G06Q 10 /-</u>
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<u>C10B 53 /-</u>	<u>E01D 21 /-</u>	2021103198	<u>G01M 7 /-</u>	2021103278	2021103324
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<u>C10B 57 /-</u>	<u>E02D 29 /-</u>	2021103304	<u>G01N 1 /-</u>	<u>G05B 23 /-</u>	<u>G06Q 20 /-</u>
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<u>C11C 3 /-</u>	<u>E02D 7 /-</u>	<u>F16B 31 /-</u>	<u>G01N 15 /-</u>	2021103409	2021103364
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<u>C12N 1 /-</u>	<u>E03D 1 /-</u>	2021103304	<u>G01N 21 /-</u>	2021102345	2021102648
2021103149	2021103024	<u>F16D 41 /-</u>	2021103347	2021103203	2021103180
2021103349	<u>E04B 1 /-</u>	2021102626	<u>G01N 15 /-</u>	2021103463	2021103343
2021103414	2021102636	2021102638	2021103395	<u>G06F 13 /-</u>	2021103364
2021103470	2021102867	2021103304	2021103182	2021103358	<u>G06Q 50 /-</u>
<u>C12N 15 /-</u>	2021102986	2021103304	2021103184	<u>G06F 15 /-</u>	2021102648
2021103349	2021103097	<u>F16K 31 /-</u>	2021103405	2021103203	2021103180
2021103414	2021103539	2021103024			2021103324
<u>C12P 17 /-</u>					2021103366
2021103349					<u>G06Q 90 /-</u>
					2021103387

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<u>G06T 7 /-</u>	<u>H01M 4 /-</u>	<u>H04M 1 /-</u>
2021103300 2021103326 2021103340 2021103395 2021103526	2021102042 2021102733	2021103412
<u>G08B 15 /-</u>	<u>H01M 50 /-</u>	<u>H04M 3 /-</u>
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<u>G08B 21 /-</u>	<u>H01Q 1 /-</u>	<u>H04Q 9 /-</u>
2021102815 2021103045 2021103326	2021102975	2021103505
<u>G08B 25 /-</u>	<u>H01Q 15 /-</u>	<u>H04R 19 /-</u>
2021103326	2021103405	2021103363
<u>G08G 1 /-</u>	<u>H01Q 19 /-</u>	<u>H04R 7 /-</u>
2021103326	2021102975	2021103363
<u>G09F 13 /-</u>	<u>H01Q 21 /-</u>	<u>H04R 9 /-</u>
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<u>G09F 15 /-</u>	<u>H01Q 5 /-</u>	<u>H04W 24 /-</u>
2021103332	2021102975	2021103546
<u>G09F 7 /-</u>	<u>H01Q 9 /-</u>	<u>H04W 4 /-</u>
2021103332	2021103089	2021102648 2021103419 2021103505 2021103546
<u>G10G 5 /-</u>	<u>H02K 35 /-</u>	<u>H04W 74 /-</u>
2021103336	2021103564	2021103546
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2021103301	2021103564	2021102345
<u>G16H 30 /-</u>	<u>H02N 2 /-</u>	<u>H05B 47 /-</u>
2021103340	2021103564	2021103505
<u>G16H 50 /-</u>	<u>H03L 1 /-</u>	<u>No IPC Mark</u>
2021103340	2021103463	
<u>G16Y 10 /-</u>	<u>H04B 10 /-</u>	
2021102648	2021103344 2021103419	
<u>H01B 5 /-</u>	<u>H04B 7 /-</u>	
2021103363	2021103344 2021103419	
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2021103407	2021103419	
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2021103407	2021103505	

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<p>(71) 6 over 6 Vision Ltd. (11) AU-A-2020206481 (21) 2020206481 (22) 09.01.2020 (54) Apparatus, system, and method of determining one or more parameters of a lens (51) Int. Cl. <i>G01M 11/02</i> (2006.01) (87) WO2020/144619 (31) 62/790,614 (32) 10.01.19 (33) US (43) 16.07.2020 (72) KITTENPLON, Yair; ZLOTNIK, Alexander; MAGAL, Nadav; BREGMAN AMITAI, Orna; GOLDSHTAIN, Hadas; LIMON, Ofer (74) James & Wells Intellectual Property</p>	<p>(71) Abiomed, Inc. (11) AU-A-2020209821 (21) 2020209821 (22) 15.01.2020 (54) Left ventricular volume and cardiac output estimation using machine learning model (51) Int. Cl. <i>A61B 5/02</i> (2006.01) <i>A61B 5/00</i> (2006.01) <i>A61B 5/0215</i> (2006.01) <i>A61B 5/029</i> (2006.01) <i>A61M 60/135</i> (2021.01) (87) WO2020/150346 (31) 62/793,239 (32) 16.01.19 (33) US (43) 23.07.2020 (72) EL KATERJI, Ahmad; TAN, Qing; KROEKER, Erik; WANG, Rui (74) Davies Collison Cave Pty Ltd</p>	<p>(71) Ahn, P. (11) AU-A-2020213268 (21) 2020213268 (22) 20.01.2020 (54) Modified sulfur and production method thereof (51) Int. Cl. <i>C04B 28/36</i> (2006.01) (43) 05.08.2021 (72) AHN, Phil Ho (74) FB Rice Pty Ltd</p>
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<p>(71) Amgen Inc. (11) AU-A-2020226619 (21) 2020226619 (22) 19.02.2020 (54) Methods of determining protein stability (51) Int. Cl. <i>G01N 33/68</i> (2006.01) <i>G01N 21/64</i> (2006.01) (87) WO2020/172293 (31) 62/808,166 (32) 20.02.19 (33) US</p>	<p>(71) Amgen Inc. (11) AU-A-2020226619 (21) 2020226619 (22) 19.02.2020 (54) Methods of determining protein stability (51) Int. Cl. <i>G01N 33/68</i> (2006.01) <i>G01N 21/64</i> (2006.01) (87) WO2020/172293 (31) 62/808,166 (32) 20.02.19 (33) US</p>	<p>(71) Amgen Inc. (11) AU-A-2020226619 (21) 2020226619 (22) 19.02.2020 (54) Methods of determining protein stability (51) Int. Cl. <i>G01N 33/68</i> (2006.01) <i>G01N 21/64</i> (2006.01) (87) WO2020/172293 (31) 62/808,166 (32) 20.02.19 (33) US</p>

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B29C 64/153 (2017.01)
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C07K 14/005 (2006.01)
A61K 39/12 (2006.01)
G16B 15/30 (2019.01)
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B60C 11/01 (2006.01)
B60C 11/03 (2006.01)
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G06K 9/66 (2006.01)
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G01B 11/24 (2006.01)
G01B 11/25 (2006.01)
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G01S 17/89 (2020.01)
G06T 7/30 (2017.01)
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E21B 17/046 (2006.01)
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C02F 1/461 (2006.01)
A61Q 19/08 (2006.01)
C02F 103/02 (2006.01)
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E21B 17/046 (2006.01)
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B64C 17/06 (2006.01)
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2019401451	BioSapien Inc	2019430198	The Yokohama Rubber Co., Ltd.
2019401568	Citrix Systems, Inc.	2019431628	Electrolux Appliances Aktiebolag
2019402308	TracxOne Ltd.; Meidar, M.; Moshkovitz, G.; Bahous, E.; Winkler, I.	2019431743	Weatherhaven Global Resources Ltd.
2019403273	Grail, Inc.	2019432912	Google LLC
2019403348	Bristol-Myers Squibb Company	2019433019	Beijing Mabworks Biotech Co. Ltd.
2019403391	Concert Pharmaceuticals, Inc.	2019433083	NEC Corporation
2019403393	The University of Chicago	2019433228	Synergia Medical
2019403404	Regeneron Pharmaceuticals, Inc.	2019433870	Mitsubishi Electric Corporation
2019403560	W. L. Gore & Associates, Inc.	2019437513	Mitsubishi Electric Corporation
2019403719	RPFflow R&D B.V.	2019444479	Google LLC
2019403728	Equinor Energy AS	2020204299	Matheny Enterprises, LLC
2019404170	Mitek Holdings, Inc.	2020204681	Bellerophon Therapeutics
2019404197	The Cleveland Clinic Foundation	2020204707	W.C. Bradley Co.
2019404302	Trustees of the University of Pennsylvania	2020205368	Chengdu Kanghong Pharmaceutical Co Ltd
2019404345	Kimberly-Clark Worldwide, Inc.; Reid, G.; Burton, J.; Ab-basian, B.	2020205371	Vivo Mobile Communication Co., Ltd.
2019404586	W. L. Gore & Associates, Inc.	2020205629	Frito-Lay North America, Inc.
2019404617	PhosEnergy Ltd	2020205674	2291447 Ontario Inc.
2019404783	Hapai Transfer Systems Limited	2020205718	Northwestern University; Cornell University
2019405953	Evolved By Nature, Inc.	2020205729	Huawei Technologies Co., Ltd.
2019406214	Northwestern University	2020205735	Minerva Biotechnologies Corporation
2019406218	W. L. Gore & Associates, Inc.	2020205753	Omeros Corporation
2019406518	Nautilus Defense LLC	2020205754	BMIC LLC
2019406821	California Institute of Technology	2020205845	Watergen Ltd.
2019407191	Shlomoff, L.; Kanfit3D	2020205913	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2019407829	Electro Magnetic Measurements Pty Ltd	2020205970	Lognovations Holdings, LLC; McElveen, C.
2019408269	Ceram Polymerik Pty Ltd	2020205995	Innotec Motion GmbH
2019408296	Shenyang Fuyang Pharmaceutical Technology Co., Ltd.	2020205997	Cambras GmbH
2019409160	Medshine Discovery Inc.	2020206036	Naegis Pharmaceuticals Inc.
2019409284	Sanofi	2020206194	Spradley, M.
2019409833	Inbiose N.V.	2020206269	Memorial Sloan Kettering Cancer Center
2019409865	Stoneleigh Pastoral Pty Ltd	2020206328	Opus 12 Incorporated
2019409883	Perk Hero Software Inc.	2020206329	Labyrx Immunologic Therapeutics (USA) Limited
2019410060	Modra Pharmaceuticals B.V.	2020206481	6 over 6 Vision Ltd.
2019411895	Makita Corporation	2020206487	Watergen Ltd.
2019413367	Neutron Holdings, Inc., DBA Lime	2020206761	Great Plains Manufacturing, Inc.

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2020206884	Yeda Research and Development Co. Ltd.; Dana-Farber Cancer Institute, Inc.; Beth Israel Deaconess Medical Center, Inc.	2020211905	Aronora Inc.; Oregon Health & Science University
2020207051	PhaseBio Pharmaceuticals, Inc.	2020211967	The United States of America, as represented by the Secretary of Agriculture; Arkion Life Sciences, LLC
2020207135	Monash University	2020211974	Genentech, Inc.
2020207568	Innotec Motion GmbH	2020211983	Goodrich, D.
2020207572	Innotec Motion GmbH	2020212016	University of Georgia Research Foundation
2020207944	Avisi Technologies, Inc.	2020212111	Keythera (Suzhou) Pharmaceuticals Co. Ltd.
2020208176	Glisten LLC	2020212262	zactrack GmbH
2020208192	REGENTS OF THE UNIVERSITY OF MINNESOTA	2020212626	Baymatob Pty Ltd
2020208292	Children's Hospital Medical Center	2020212652	Zircon Chambers Pty. Ltd.
2020208316	Northrop Grumman Systems Corporation	2020212954	Citrix Systems, Inc.
2020208417	Northwestern University	2020212972	The Regents of The University of Michigan
2020208425	Hocking, G.	2020213268	Ahn, P.
2020208452	The Regents of the University of California	2020213565	TuoJie Biotech (Shanghai) Co., Ltd.
2020208467	Voyager Therapeutics, Inc.	2020213569	Wuhan Humanwell Innovative Drug Research and Development Center Limited Company
2020208468	W. L. Gore & Associates, Inc.	2020213605	Infalurt Pty Ltd
2020208483	CareFusion 303, Inc.	2020213649	Sandvik Mining and Construction Oy
2020208558	Nuovo Pignone Technologie - S.r.l.	2020213663	BASF SE
2020208610	Hocking, G.	2020214064	Shandong Xuanzhu Pharma Co., Ltd.; Xuanzhu Biopharmaceutical Co., Ltd.
2020208635	Nuvasive, Inc.	2020214449	Organofuel Sweden AB
2020208640	Brightcove Inc.	2020214673	Siemag Tecberg GmbH
2020208723	Caterpillar Global Mining Europe GmbH	2020214675	Assistance Publique Hopitaux de Paris
2020208793	Guerbet	2020214721	Societe des Produits Nestle S.A.
2020208794	Guerbet	2020214779	TekDry International, Inc.
2020208828	Janssen Biotech, Inc.	2020214807	Seattle Children's Hospital (DBA Seattle Children's Research Institute)
2020208834	Stryker European Operations Limited	2020214940	SyMap Medical (Suzhou) , Ltd
2020208842	University Health Network	2020215086	Technische Universität München; Technische Universität München - Klinikum Rechts der Isar
2020208843	MolecuLight Inc.	2020215176	Aragon Pharmaceuticals, Inc.
2020208859	Smardt Chiller Group Inc.	2020215238	Sandvik Mining and Construction Oy
2020208932	Waterdiam Group LLC	2020215259	Allnex Austria GmbH
2020208997	The University of Bristol	2020215332	UPL Ltd
2020209009	UpSurgeOn S.r.l	2020215351	Trivver, Inc.
2020209023	Ferrara, A.	2020215551	Seagen Inc.
2020209193	Hydrostor Inc.	2020215581	Pool Knight, LLC
2020209205	Hocking, G.	2020215639	Becton, Dickinson and Company
2020209230	Becton, Dickinson and company	2020216085	Solar Turbines Incorporated; Brigham Young University
2020209233	Becton, Dickinson and Company	2020216135	CohBar, Inc.
2020209257	Janssen Biotech, Inc.	2020216172	Regeneron Pharmaceuticals, Inc.
2020209282	Stojo Products Inc.	2020216203	AquaHydrex, Inc.
2020209300	Nippon Chemical Paint Co., Ltd.	2020216682	Skretting Aquaculture Research Centre AS; Nutreco IP Assets B.V.
2020209364	Reid, G.	2020217608	Soilmec S.p.a.
2020209539	Becton, Dickinson and Company	2020217786	Butler, W.
2020209709	Adams Silo Safe & Welding Pty Ltd	2020218154	Janssen Biotech, Inc.
2020209763	Flinders University of South Australia; Clinical Genomics Pty Ltd	2020218573	Farmers Edge Inc.
2020209821	Abiomed, Inc.	2020218626	BioClue NV
2020209870	The Royal Institution for the Advancement of Learning/McGill University	2020218777	Butler, W.
2020209871	Bayer Aktiengesellschaft	2020218829	SpexAI GmbH
2020210117	Cadila Healthcare Limited	2020218935	Janssen Biotech, Inc.
2020210126	Majcen, D.	2020219181	nearmap Australia Pty Ltd
2020210392	Mitsubishi Power, Ltd.	2020219305	Farmers Edge Inc.
2020210492	Reckitt Benckiser Finish B.V.	2020219429	BioStrand BV
2020210529	Ngrave.IO NV	2020219695	IK-Norway AS
2020210630	Regeneron Pharmaceuticals, Inc.	2020219708	Drupps Group AB
2020210645	Korro Bio, Inc.	2020219732	Seagen Inc.
2020210705	Ngrave.IO NV	2020219741	Boston Scientific Neuromodulation Corporation
2020210757	Asterias Biotherapeutics, Inc.	2020219742	Citrix Systems, Inc.
2020210822	Everseen Limited	2020219764	Dyno Nobel Inc.
2020210876	Yale University	2020219803	The USA, as represented by the Secretary, Department of Health and Human Services; University of Washington
2020210895	Biometry Inc.	2020219806	Rite-Hite Holding Corporation
2020210904	The Regents of the University of Michigan	2020219867	Farmers Edge Inc.
2020210980	Elixsys Inc.	2020220265	Unilever IP Holdings B.V.
2020211035	GW Research Limited	2020220461	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.
2020211080	ExcellGene SA	2020220554	Reckitt Benckiser Health Limited
2020211439	FLSmith A/S	2020220777	Giken Ltd.
2020211464	AMVAC Hong Kong Limited		
2020211596	Alarm.com Incorporated		
2020211605	AMVAC Hong Kong Limited		
2020211621	Baymatob Pty Ltd		
2020211900	KCI Licensing, Inc.		

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2020220957	Novartis AG	2020281083	Coupang Corp.
2020221247	Sumitomo Dainippon Pharma Oncology, Inc.	2020283437	Boston Scientific Scimed, Inc.
2020221278	Mirvie, Inc.	2020284207	Boston Scientific Scimed, Inc.
2020221473	Bayer Aktiengesellschaft	2020300841	Barrick Gold Corporation
2020221491	Ascendis Pharma Bone Diseases A/S	2020301475	Mavrik Dental Systems Ltd
2020221586	Sandvik Mining and Construction Tools AB	2020304216	Hoya Lens Thailand Ltd.
2020221613	VIB Vzw; Katholieke Universiteit Leuven, K.U.Leuven R&D	2020314513	Chengdu Yefan Science and Technology Co., Ltd.
2020221904	ElectroSea, LLC	2020317917	Central South University
2020221906	ElectroSea, LLC	2020333932	ShanDong University of Science and Technology
2020222183	Unilever IP Holdings B.V.	2020336649	Enterobiome Inc.
2020222197	Halter AG	2020339348	Enterobiome Inc.
2020222295	Novartis AG	2020353048	VKR Holding A/S
2020222296	Novartis AG	2020382765	AmPro Innovations Pty Ltd
2020222333	Renson Sunprotection Screens NV	2020384026	Nantong University
2020222348	Novartis AG	2020403707	Shaanxi Huikang Bio-Tech Co., Ltd.
2020222397	Southern Green Gas Limited	2020410866	Huazhong University of Science and Technology
2020222398	Worthington, R.	2020413969	Chang An University
2020222452	Nippon Telegraph and Telephone Corporation	2020420496	China University of Mining and Technology
2020222891	Zumutor Biologics Inc.		
2020223079	Rite-Hite Holding Corporation		
2020223093	Ashley Furniture Industries, LLC		
2020223205	Regeneron Pharmaceuticals, Inc.		
2020223306	Beam Therapeutics Inc.		
2020223467	Janssen Pharmaceutica NV		
2020223826	The University of Liverpool		
2020223867	Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts		
2020224140	Weatherford Technology Holdings, LLC		
2020224245	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.		
2020224630	The Chemours Company FC, LLC		
2020225036	Deutsches Krebsforschungszentrum, Stiftung des öffentlichen Rechts		
2020225273	Ingram Micro Inc.		
2020225290	Rebound Therapeutics Corporation		
2020225474	Weatherford Technology Holdings, LLC		
2020226216	SiliCycle Inc.		
2020226376	Syngenta Crop Protection AG		
2020226475	BrightGene Bio-Medical Technology Co., Ltd.		
2020226619	Amgen Inc.		
2020227150	Syngenta Crop Protection AG		
2020227302	NTC S.r.L.		
2020227662	Eli Lilly and Company		
2020227679	Southern Ground Audio, LLC		
2020228579	Eli Lilly and Company		
2020230069	NTC S.r.L.		
2020230438	AAK AB (publ)		
2020230845	Electrolux Appliances Aktiebolag		
2020231593	De La Rue International Limited		
2020231702	Italfarmaco SpA		
2020231916	Flamel Ireland Limited		
2020232679	The Chemours Company FC, LLC		
2020234709	Hologic, Inc.		
2020235933	Sandvik Mining and Construction Oy		
2020237509	Novus International Inc.		
2020237633	Klinikum der Universität München		
2020239009	Electrolux Appliances Aktiebolag		
2020239196	Hilti Aktiengesellschaft		
2020239246	Ringo AI, Inc.; Hurley, J.; Weaver, M.D.; Saake, J.		
2020243035	Mubea Carbo Tech GmbH		
2020244771	Biocompatibles UK Limited; The Johns Hopkins University		
2020247128	Lipotrue, S.L.		
2020250767	Goldhofer AG		
2020260309	Société des Produits Nestlé S.A.		
2020263310	Smiths Medical ASD, Inc.		
2020264112	Boston Scientific Scimed, Inc.		
2020269342	Liu, P.		
2020272196	TDW Delaware, Inc.		
2020274574	Truma Gerätetechnik GmbH & Co. KG		
2020277081	B&L Biotech, Inc.; Lee, I.W.		

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<u>A01B 71 /-</u>	<u>A01N 59 /-</u>	<u>A24F 47 /-</u>	2020264112	<u>A61J 1 /-</u>	2020222891
2020206761	2020211967	2019423240	<u>A61B 3 /-</u>	2019403391	<u>A61K 39 /-</u>
<u>A01D 89 /-</u>	<u>A01N 63 /-</u>	<u>A44C 27 /-</u>	2019396537	2020227302	2019403393
2020206761	2020226376	2020208176	2019396539	<u>A61J 3 /-</u>	2019433019
<u>A01F 15 /-</u>	<u>A01P 21 /-</u>	<u>A45D 19 /-</u>	2019397519	2020230069	2020206269
2020206761	2020227150	2019399665	2019398346	<u>A61K 31 /-</u>	2020208192
<u>A01F 25 /-</u>	<u>A23D 9 /-</u>	<u>A45D 44 /-</u>	2020207944	2019403393	2020209257
2020209709	2020230438	2019399665	2020208635	2019409160	2020211905
<u>A01K 15 /-</u>	<u>A23F 3 /-</u>	<u>A47B 88 /-</u>	2020225290	2019410060	2020211974
2019409865	2020220265	2020223093	<u>A61B 34 /-</u>	2019414333	2020212016
<u>A01M 29 /-</u>	<u>A23F 5 /-</u>	<u>A47B 97 /-</u>	2020208452	2020205368	2020213565
2020211967	2020260309	2020222197	2020208843	2020206036	2020215551
<u>A01N 1 /-</u>	<u>A23G 1 /-</u>	<u>A47C 1 /-</u>	<u>A61B 46 /-</u>	2020206884	2020219732
2020220554	2020230438	2020207568	2020208843	2020208192	2020219803
<u>A01N 25 /-</u>	<u>A23G 3 /-</u>	<u>A47C 31 /-</u>	<u>A61B 5 /-</u>	2020208452	2020222295
2020211464	2020214721	2020207568	2020210630	2020208192	2020223205
2020211605	<u>A23K 20 /-</u>	<u>A47C 4 /-</u>	2020210630	2020210645	<u>A61K 41 /-</u>
2020227150	2020216682	2020207572	2020209205	2020210876	2019398202
<u>A01N 27 /-</u>	<u>A23K 40 /-</u>	<u>A47C 7 /-</u>	2020209230	2020211035	<u>A61K 45 /-</u>
2020211464	2020216682	2020205995	2020209230	2020212111	2019410060
<u>A01N 31 /-</u>	<u>A23K 50 /-</u>	2020207568	2020209821	2020214064	2020207051
2020211464	2020216682	2020207572	2020210895	2020215176	2020211035
<u>A01N 33 /-</u>	<u>A23L 25 /-</u>	<u>A47G 29 /-</u>	2020212626	2020215551	2020215551
2020227150	2019399137	2020204707	<u>A61B 6 /-</u>	2020218154	<u>A61K 47 /-</u>
<u>A01N 35 /-</u>	<u>A23L 27 /-</u>	<u>A47J 37 /-</u>	2020217786	2020220957	2020218777
2020211967	2020220265	2020204707	2020218777	2020221473	2020219732
<u>A01N 37 /-</u>	2020222183	<u>A47L 15 /-</u>	<u>A61B 90 /-</u>	2020222295	2020221491
2020227150	2020214721	2020210492	2020211621	2020222296	2020226216
<u>A01N 43 /-</u>	<u>A23L 29 /-</u>	2020239009	2020225290	2020222348	2020226475
2020209871	2020214721	<u>A61B 1 /-</u>	2020284207	2020223467	<u>A61K 48 /-</u>
2020227150	<u>A23L 3 /-</u>	2020264112	<u>A61C 5 /-</u>	2020224245	2019398202
<u>A01N 47 /-</u>	2020222183	<u>A61B 17 /-</u>	2020301475	2020226475	2020208997
2020211464	<u>A23L 33 /-</u>	2019407191	<u>A61C 8 /-</u>	2020227302	<u>A61K 49 /-</u>
<u>A01N 53 /-</u>	2020336649	2020208468	2019424847	2020231916	2020208793
2020211464	2020339348	2020208834	<u>A61F 13 /-</u>	<u>A61K 33 /-</u>	2020208794
<u>A01N 57 /-</u>	<u>A23L 7 /-</u>	2020225290	2018455485	2020237509	2020218777
2020211464	2020214721	2020283437	<u>A61F 2 /-</u>	<u>A61K 35 /-</u>	<u>A61K 51 /-</u>
2020211464	<u>A23L 7 /-</u>	2020284207	2019407191	2020208794	2020215086
		2020284207	2019414923	2020208997	2020218777
		2019419411	2020207944	2020231916	<u>A61K 8 /-</u>
		2020214940	<u>A61G 7 /-</u>	<u>A61K 36 /-</u>	2019405953
			2019404783	2020211035	2020210126
				<u>A61K 38 /-</u>	2020220554
				2019398516	2020226216
				2019398722	2020247128
				2019403391	<u>A61K 9 /-</u>
				2019403393	2019410060
				2019406214	2020208192
				2020208192	2020220957
				2020208292	2020221473
				2020216135	2020221491
					2020222348
					2020226216

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2020227302	<u>A61P 13 /-</u>	2020223467		<u>B26D 3 /-</u>	
2020230069		2020226475	<u>B01J 35 /-</u>		<u>B60B 1 /-</u>
2020231916	2019404345	2020237633		2020205629	2020243035
2020244771	2020205735		2019404617		
<u>A61L 15 /-</u>	<u>A61P 15 /-</u>	<u>A61P 37 /-</u>		<u>B26D 7 /-</u>	
		2020211974		2020205629	<u>B60B 3 /-</u>
2019404345	2019404345	2020222891	2020211439		2020243035
<u>A61L 2 /-</u>	<u>A61P 19 /-</u>	<u>A61P 43 /-</u>	<u>B03B 5 /-</u>	<u>B29B 17 /-</u>	<u>B60B 5 /-</u>
		2020231916	2020211439	2018452603	2020243035
2019427479	2018454784	2020231916	2020213663	<u>B29C 39 /-</u>	
2020214779	2020237509				<u>B60B 7 /-</u>
<u>A61L 27 /-</u>	<u>A61P 21 /-</u>	<u>A61P 5 /-</u>	<u>B05D 1 /-</u>	2018452603	2020243035
		2020215176	2019423598	<u>B29C 44 /-</u>	
2020207944	2019406214	2020221491	2020205754		<u>B60C 11 /-</u>
<u>A61M 1 /-</u>	<u>A61P 25 /-</u>	<u>A61P 7 /-</u>	<u>B05D 5 /-</u>	2020211983	2019430198
		2020205735	2020208176	<u>B29C 48 /-</u>	<u>B60L 53 /-</u>
2020207944	2019414333			2019403719	
2020211900	2020205368	<u>A61P 9 /-</u>	<u>B09B 3 /-</u>	2020209230	2019413367
2020214675	2020208467		2018452603	<u>B29C 51 /-</u>	<u>B60N 2 /-</u>
<u>A61M 11 /-</u>	<u>A61P 27 /-</u>	2020214064	<u>B21D 31 /-</u>	2020210492	2020213605
			2020211983	<u>B29C 64 /-</u>	<u>B60P 3 /-</u>
2019423240	2019409160	<u>A61Q 11 /-</u>		2020382765	2019426189
	2020210630	2020210126	<u>B22F 3 /-</u>	<u>B29K 29 /-</u>	<u>B60R 21 /-</u>
<u>A61M 15 /-</u>	2020220957	<u>A61Q 17 /-</u>	2020382765	2020210492	2020213605
	2020222348	2020220554	<u>B23B 27 /-</u>	<u>B32B 15 /-</u>	<u>B62D 13 /-</u>
2019423240			2019423334	2019334801	2020250767
<u>A61M 16 /-</u>	<u>A61P 29 /-</u>	<u>A61Q 19 /-</u>	<u>B23B 29 /-</u>	<u>B32B 17 /-</u>	<u>B62D 49 /-</u>
		2020208932	2019423334	2019334801	2019426189
2020204681	2020218154	2020210126	<u>B23K 1 /-</u>	<u>B32B 27 /-</u>	<u>B62D 61 /-</u>
	2020222891	<u>A61Q 3 /-</u>	2019437513	2019400702	2019426189
<u>A61M 25 /-</u>	2020224245		<u>B23K 9 /-</u>	<u>B32B 29 /-</u>	<u>B62D 7 /-</u>
	2020336649	<u>A61Q 3 /-</u>	2020410866	2019334801	2019426189
2020209233		2020210126	<u>B25B 13 /-</u>	<u>B32B 3 /-</u>	<u>B62J 43 /-</u>
2020214675	<u>A61P 3 /-</u>	<u>A63B 21 /-</u>	2019424113	2019334801	2019413367
2020263310		2020269342	<u>B25B 15 /-</u>	<u>B32B 38 /-</u>	<u>B62M 6 /-</u>
<u>A61M 29 /-</u>	2020214064	<u>A63J 19 /-</u>	2019424113	2020211983	2019413367
	2020244771	2020209023	<u>B25B 23 /-</u>	<u>B32B 5 /-</u>	<u>B63B 22 /-</u>
2020204299	2020336649	2020209023	2019424113	2019334801	2020227679
	2020339348	2020209023	<u>B25D 9 /-</u>	<u>B32B 7 /-</u>	<u>B63B 25 /-</u>
<u>A61M 39 /-</u>	2020384026	2020209023	2020235933	2019334801	2019418311
		2020209023	<u>B25F 5 /-</u>	<u>B33Y 40 /-</u>	<u>B63B 32 /-</u>
2020209539	<u>A61P 31 /-</u>	2020209023	2019411895	2020382765	2019422771
		2020209023	<u>B26D 1 /-</u>	<u>B42D 25 /-</u>	<u>B63B 34 /-</u>
<u>A61M 5 /-</u>	2019403404	<u>B01D 11 /-</u>	2020205629		2019422771
	2020223205	2020300841			
2019409284	<u>A61P 35 /-</u>	<u>B01D 5 /-</u>			
2020209230		2020205845	<u>B32B 3 /-</u>		
2020227662	2019398202	2020206487	<u>B32B 5 /-</u>		
2020228579	2019398516		<u>B32B 7 /-</u>		
2020263310	2019398722	<u>B01D 53 /-</u>	<u>B32B 9 /-</u>		
<u>A61M 60 /-</u>	2019410060	2020205845	<u>B32B 11 /-</u>		
	2020205735	2020219708	<u>B32B 13 /-</u>		
2020209821	2020206884	<u>B01J 19 /-</u>	<u>B32B 15 /-</u>		
	2020208192	2019404617	<u>B32B 17 /-</u>		
<u>A61N 1 /-</u>	2020208452	<u>B01J 23 /-</u>	<u>B32B 19 /-</u>		
	2020209257	2019404617	<u>B32B 21 /-</u>		
2019427479	2020211974	<u>B01J 27 /-</u>	<u>B32B 23 /-</u>		
2019433228	2020212111		<u>B32B 25 /-</u>		
2020211621	2020213565		<u>B32B 27 /-</u>		
2020212626	2020215176		<u>B32B 29 /-</u>		
2020219741	2020215551		<u>B32B 31 /-</u>		
<u>A61P 1 /-</u>	2020218154		<u>B32B 33 /-</u>		
	2020219732		<u>B32B 35 /-</u>		
2020208452	2020221473		<u>B32B 37 /-</u>		
2020227302	2020222295		<u>B32B 39 /-</u>		
	2020222296		<u>B32B 41 /-</u>		
	2020222891		<u>B32B 43 /-</u>		
		2019404617	<u>B32B 45 /-</u>		

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

<u>B63B 35 /-</u>	<u>B65D 23 /-</u>	<u>C01F 17 /-</u>	<u>C07C 47 /-</u>	2020212111	2020205735
2019418311	2019423598	2020210980	2020214449	2020214064	2020206269
2019422771		<u>C02F 1 /-</u>	<u>C07C 49 /-</u>	2020218154	2020206329
<u>B63B 59 /-</u>	<u>B65D 5 /-</u>	2020205845	2020214449	2020221247	2020208828
2020221904	2020281083	2020208932		<u>C07D 487 /-</u>	2020209257
<u>B63C 11 /-</u>	<u>B65D 65 /-</u>	2020221904	<u>C07C 51 /-</u>	2020208793	2020211905
2019422771	2020210492	2020221906	2020214449	2020208794	2020211974
<u>B63C 9 /-</u>	<u>B65D 71 /-</u>	<u>C02F 103 /-</u>	<u>C07C 55 /-</u>	2020213569	2020213565
2019397828	2019395327	2020208932	2019403348	2020214064	2020214807
<u>B63H 11 /-</u>	<u>B65D 75 /-</u>	<u>C04B 11 /-</u>	<u>C07C 65 /-</u>	2020221247	2020222891
2019422771	2020227302	2019408269	2020214449	<u>C07D 498 /-</u>	2020223205
<u>B63J 2 /-</u>	2020230069	<u>C04B 22 /-</u>	<u>C07D 209 /-</u>	2019403404	<u>C07K 19 /-</u>
2020221904	<u>B65D 81 /-</u>	2019408269	2020212111	<u>C07D 513 /-</u>	2020206269
<u>B64C 17 /-</u>	2019397932	<u>C04B 28 /-</u>	<u>C07D 213 /-</u>	2019403348	<u>C07K 5 /-</u>
2020212652	2020230069	2019408269	2019409160	<u>C07F 5 /-</u>	2020247128
<u>B64C 27 /-</u>	<u>B65D 85 /-</u>	<u>C04B 35 /-</u>	<u>C07D 215 /-</u>	2020208793	<u>C07K 7 /-</u>
2020212652	2019397932	2019408269	2020210117	<u>C07F 7 /-</u>	2019398516
<u>B64C 39 /-</u>	<u>B65D 88 /-</u>	<u>C05G 1 /-</u>	<u>C07D 233 /-</u>	2020226216	2019398722
2020212652	2019397566	2020211605	2020210117	<u>C07F 9 /-</u>	2020216135
2020219764	2020209709	<u>C05G 3 /-</u>	<u>C07D 237 /-</u>	2020207051	<u>C08F 251 /-</u>
<u>B64D 47 /-</u>	<u>B65F 1 /-</u>	2020211605	2020224245	<u>C07H 21 /-</u>	2020215332
2020219764	2019425452	<u>C05G 5 /-</u>	<u>C07D 241 /-</u>	2020208417	<u>C08G 18 /-</u>
<u>B64G 1 /-</u>	<u>B65G 19 /-</u>	2020211605	2020210117	<u>C07H 3 /-</u>	2020215259
2020208316	2020420496	<u>C07B 59 /-</u>	<u>C07D 257 /-</u>	2019409833	<u>C08G 65 /-</u>
<u>B65B 11 /-</u>	<u>B65G 23 /-</u>	2020215086	2020209871	<u>C07H 5 /-</u>	2020226475
2020211983	2020208723	<u>C07C 269 /-</u>	<u>C07D 277 /-</u>	2019409833	<u>C08J 3 /-</u>
<u>B65B 3 /-</u>	<u>B65G 5 /-</u>	2020231702	2020206036	<u>C07J 61 /-</u>	2020215332
2020210492	2020209193	<u>C07C 27 /-</u>	2020210117	2019409833	<u>C08J 5 /-</u>
<u>B65B 43 /-</u>	<u>B65G 69 /-</u>	2020214449	<u>C07D 319 /-</u>	<u>C07J 63 /-</u>	2020208176
2020211983	2020219806	<u>C07C 271 /-</u>	2020210117	2020205368	<u>C08J 7 /-</u>
<u>B65B 47 /-</u>	2020223079	2020231702	<u>C07D 333 /-</u>	<u>C07J 63 /-</u>	2019395706
2020210492	<u>B66B 19 /-</u>	<u>C07C 311 /-</u>	2020206884	2020205368	<u>C08K 5 /-</u>
<u>B65B 61 /-</u>	2020214673	2020210117	<u>C07D 401 /-</u>	<u>C07K 14 /-</u>	2019417011
2020211983	2020209364	<u>C07C 41 /-</u>	2020207051	2019403391	2020209300
<u>B65D 1 /-</u>	<u>B67D 3 /-</u>	2020214449	2020214064	2019408296	2020211464
2020209282	2019397932	<u>C07C 43 /-</u>	2020218154	2019416427	<u>C08L 1 /-</u>
2020210492	<u>B67D 7 /-</u>	2020214449	<u>C07D 403 /-</u>	2020205735	2020209300
<u>B65D 21 /-</u>	2019397566	<u>C07C 45 /-</u>	2020214064	2020205753	2020209300
2020209282		2020214449	2020218154	2020208292	<u>C08L 23 /-</u>
2020227302			<u>C07D 471 /-</u>	2020209257	2019417011
			2020208793	2020210630	<u>C08L 33 /-</u>
			2020208794	2020211080	2020209300
				2020212016	<u>C08L 71 /-</u>
				2020214807	2020209300
				2020219803	
				2020226376	
				2020403707	
				<u>C07K 16 /-</u>	
				2019403404	
				2019404302	
				2019416427	

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

<u>C08L 83 /-</u>	2019398722 2019404302 2019409833 2020212016 2020223306	<u>C25B 15 /-</u>	<u>E04G 21 /-</u>	<u>F02M 37 /-</u>	<u>F17C 5 /-</u>
2020209300		2020216203	2019404170	2019397566	2019418311 2020209193
<u>C09D 133 /-</u>		<u>C25B 3 /-</u>	<u>E04H 15 /-</u>	<u>F03D 9 /-</u>	<u>F17C 7 /-</u>
2020215259	<u>C12P 19 /-</u>	2020206328	2019431743	2020209193	2019418311 2020209193
<u>C09D 165 /-</u>	2019408296 2019409833 2020205718 2020208417	<u>C25B 9 /-</u>	<u>E06B 9 /-</u>	<u>F04B 49 /-</u>	<u>F23D 1 /-</u>
2019395706		2020206328 2020216203	2019416709 2020222333	2020205674	
<u>C09K 3 /-</u>		<u>D02G 3 /-</u>	<u>E21B 10 /-</u>	<u>F04C 14 /-</u>	2020210392
2020209300	<u>C12P 21 /-</u>	2019406518	2020221586	2020205674	<u>F23K 3 /-</u>
<u>C09K 5 /-</u>	2019433019 2020205718 2020403707	<u>D03D 1 /-</u>	<u>E21B 17 /-</u>	<u>F04D 13 /-</u>	2020204707
2020232679		2019406518	2020224140 2020225474	2020208558	<u>F23K 5 /-</u>
<u>C10G 31 /-</u>	<u>C12Q 1 /-</u>	<u>D06F 33 /-</u>	<u>E21B 19 /-</u>	<u>F04D 15 /-</u>	2019397566
2019403728	2018454784 2019398040 2020206884 2020208417 2020209763 2020210630 2020220461 2020221613	2019431628	2020224140 2020225474	2020205674	<u>F23N 1 /-</u>
<u>C10G 33 /-</u>		<u>D06F 34 /-</u>	<u>E21B 21 /-</u>	<u>F04D 19 /-</u>	2020274574
2019403728		2020239009	2020224140 2020225474	2020208558	<u>F23N 5 /-</u>
<u>C11D 1 /-</u>		<u>D06F 39 /-</u>	<u>E21B 21 /-</u>	<u>F16B 1 /-</u>	2020274574
2020210492	<u>C12R 1 /-</u>	2019431628 2020239009	2020224140 2020225474	2019404170	<u>F24B 1 /-</u>
<u>C11D 17 /-</u>	2019404345 2019408296 2020336649 2020339348	<u>E02D 5 /-</u>	<u>E21B 36 /-</u>	<u>F16B 12 /-</u>	2020204707
2020210492		2020209300 2020220777	2019427102	2020205995	<u>F24B 13 /-</u>
<u>C12M 1 /-</u>		<u>E02F 3 /-</u>	<u>E21B 4 /-</u>	<u>F16B 7 /-</u>	2020204707
2019398040	<u>C22B 11 /-</u>	2020209300 2020220777	2020235933	2019428302	<u>F24F 13 /-</u>
<u>C12N 1 /-</u>	2020300841	<u>E02F 9 /-</u>	<u>E21B 43 /-</u>	<u>F16H 55 /-</u>	2019433870 2020208859
2019408296 2020336649 2020339348 2020403707	<u>C22B 3 /-</u>	2020209364	2019427102 2020205674	2020208723	<u>F24F 3 /-</u>
<u>C12N 15 /-</u>	2020210980 2020300841	<u>E03B 3 /-</u>	<u>E21B 47 /-</u>	<u>F16H 57 /-</u>	2020219708
2019398202 2019408296 2020208467 2020208997 2020210630 2020210645 2020211080 2020213565 2020214807 2020220461 2020226376 2020384026 2020403707	<u>C22B 59 /-</u>	2020205845 2020206487	2019427102 2020205674	2020208723	<u>F24H 9 /-</u>
	2020210980	<u>E02F 3 /-</u>	<u>E21B 7 /-</u>	<u>F16H 7 /-</u>	2020274574
	<u>C22C 33 /-</u>	2020217608	2020213649	2020208723	<u>F24S 23 /-</u>
	2020207135	<u>E03C 1 /-</u>	<u>E21C 41 /-</u>	<u>F16K 31 /-</u>	2020205997
	2020207135	2019399665	2020333932	2019397566	<u>F24S 30 /-</u>
	<u>C22C 38 /-</u>	<u>E04B 1 /-</u>	<u>E21D 9 /-</u>	<u>F16L 55 /-</u>	2020205997
	2020207135	2019396133 2019404170 2019408269 2020239196	2020213649	2020219695	<u>F24S 50 /-</u>
	<u>C22C 45 /-</u>	<u>F02B 13 /-</u>	<u>F02B 13 /-</u>	<u>F16L 59 /-</u>	2020205997
	2020207135	2020209193	2020209193	2019396997	<u>F24S 70 /-</u>
<u>C12N 5 /-</u>	<u>C23C 16 /-</u>	<u>E04B 2 /-</u>	<u>F02C 6 /-</u>	<u>F17B 1 /-</u>	2020222398
2018454784 2019398753 2019404302 2020214807 2020237633 2020384026	2019423598	2020239196	2020209193	2020209193	<u>F24S 80 /-</u>
	<u>C25B 1 /-</u>	<u>E04D 13 /-</u>	<u>F02D 33 /-</u>	<u>F17C 1 /-</u>	2020222398
	2020206328 2020216203	2020353048	2019397566	2019418311	<u>F25B 1 /-</u>
<u>C12N 9 /-</u>	<u>C25B 11 /-</u>	<u>E04F 13 /-</u>		<u>F17C 13 /-</u>	2020208859
2019398516	2020206328	2019396133 2019408269		2020209193	

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

<u>F25D 13 /-</u>	2020208843 2020218573	<u>G05B 23 /-</u>	2020210529	<u>G09C 1 /-</u>	<u>H01L 25 /-</u>
2019399137	2020218829 2020219867	2020211596	<u>G06Q 30 /-</u>	2020210705	2020222397
<u>F25D 21 /-</u>	2020226619	<u>G05D 1 /-</u>	2019402308	<u>G09F 23 /-</u>	<u>H01L 31 /-</u>
2019420254	<u>G01N 27 /-</u>	2019398918	<u>G06Q 50 /-</u>	2019404170	2020222397 2020314513
<u>F25D 23 /-</u>	2020272196	<u>G06F 13 /-</u>	2020219764	<u>G09F 7 /-</u>	<u>H01L 51 /-</u>
2019396997	<u>G01N 33 /-</u>	2020222452	<u>G06T 1 /-</u>	2019404170	2019401451
<u>F25D 29 /-</u>	2019398353 2020210895	<u>G06F 15 /-</u>	2020219867	<u>G10L 15 /-</u>	<u>H01M 10 /-</u>
2019420254	2020215639 2020216172	2020225273	<u>G06T 15 /-</u>	2019432912	2019416193 2020215238
<u>F28D 19 /-</u>	2020218829 2020218935	<u>G06F 16 /-</u>	2020208842 2020215351	<u>G10L 19 /-</u>	<u>H01M 4 /-</u>
2020209193	2020223826 2020223867	2020205970 2020219181	<u>G06T 17 /-</u>	2020205729	2019406821
<u>F28D 20 /-</u>	2020225036 2020226619	<u>G06F 17 /-</u>	2020219181	<u>G16B 15 /-</u>	<u>H01M 50 /-</u>
2020209193	2020237509 2020413969	2020219181	<u>G06T 5 /-</u>	2020219803	2019413367
<u>F42D 1 /-</u>	<u>G01P 15 /-</u>	<u>G06F 21 /-</u>	2020239246	<u>G16B 20 /-</u>	<u>H01M 6 /-</u>
2020213649	2019404197	2019396537 2019396539	<u>G06T 7 /-</u>	2019403273 2020221278	2019416193
<u>F42D 3 /-</u>	<u>G01P 5 /-</u>	2019397519 2019401568	2019433083 2020208842	<u>G16B 30 /-</u>	<u>H01Q 1 /-</u>
2020213649	2019407829	2020212954	2020215351 2020218573	2020218626 2020219429	2019426399
<u>G01B 11 /-</u>	<u>G01R 31 /-</u>	<u>G06F 3 /-</u>	2020219867 2020234709	2020221278	<u>H01Q 13 /-</u>
2020208842 2020420496	2020215238	2019444479	2020239246	<u>G16B 40 /-</u>	2019426399
<u>G01B 7 /-</u>	<u>G01S 15 /-</u>	<u>G06F 30 /-</u>	<u>G07C 9 /-</u>	2019403273 2020221278	<u>H01Q 19 /-</u>
2020277081	2019407829	2020213649	2019399137	<u>G16H 20 /-</u>	2019426399
<u>G01C 11 /-</u>	<u>G01S 17 /-</u>	<u>G06F 9 /-</u>	<u>G08B 21 /-</u>	2020208483 2020210904	<u>H01Q 21 /-</u>
2020219305	2020208842	2019397405 2019444479	2019397828 2020213605	2020212972	2019426399
<u>G01C 21 /-</u>	<u>G01W 1 /-</u>	<u>G06K 9 /-</u>	2020223079	<u>G16H 30 /-</u>	<u>H02J 1 /-</u>
2020219181	2019398918	2019396537 2019396539	<u>G08B 23 /-</u>	2020208842	2020208859
<u>G01J 1 /-</u>	<u>G02B 6 /-</u>	2019397519 2019398346	2020215581	<u>G16H 50 /-</u>	<u>H02J 15 /-</u>
2019423379	2019339257	2019402308 2019414473	<u>G08B 3 /-</u>	2019404197 2020221278	2020208859
<u>G01J 5 /-</u>	<u>G02C 7 /-</u>	2019418925 2020210822	2019397828	<u>G21C 11 /-</u>	<u>H02J 3 /-</u>
2020216085	2020304216	2020218573 2020317917	<u>G08B 5 /-</u>	2019396609	2020208859
<u>G01M 11 /-</u>	<u>G03B 15 /-</u>	<u>G06N 10 /-</u>	2019397828	<u>H01F 1 /-</u>	<u>H02J 7 /-</u>
2020206481	2020212262	2019420732	<u>G08C 17 /-</u>	2020207135	2020222397
<u>G01N 1 /-</u>	<u>G03B 5 /-</u>	<u>G06N 20 /-</u>	2020206194	<u>H01F 41 /-</u>	<u>H03K 17 /-</u>
2019398353 2020210895 2020215639 2020413969	2020212262	2020218573	<u>G08C 19 /-</u>	2020207135	2020206194
<u>G01N 17 /-</u>	<u>G03B 7 /-</u>	<u>G06N 3 /-</u>	2020206194	<u>H01G 9 /-</u>	<u>H04B 10 /-</u>
2020224630	2020239246	2020219867	<u>G08G 5 /-</u>	2019401451	2019339257
<u>G01N 21 /-</u>	<u>G05B 15 /-</u>	<u>G06Q 20 /-</u>	2019398918	<u>H01J 37 /-</u>	<u>H04L 1 /-</u>
2019427788 2020208842	2020211596	2019409883 2019414473	<u>G09B 23 /-</u>	2019423598	2019419653 2020205913
			2020209009		

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H04L 12 /-

2019409883
2019421312
2020222452

H04L 29 /-

2019401568
2020219742

H04L 5 /-

2020205371

H04L 9 /-

2020210529

H04N 1 /-

2020239246

H04N 19 /-

2019398124
2020208640

H04N 5 /-

2019418925

H04N 9 /-

2020239246

H04R 9 /-

2020227679

H04W 16 /-

2019429334

H04W 28 /-

2019421312

H04W 36 /-

2019429334

H04W 72 /-

2019429334

H05B 6 /-

2020230845

H05H 1 /-

2019423598

H05K 3 /-

2019437513

H05K 5 /-

2020239009

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H02M 3/335 (2006.01)
H02M 7/19 (2006.01)
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A61P 31/04 (2006.01)
C12N 7/01 (2006.01)

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G06F 3/01 (2006.01)
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H04R 1/40 (2006.01)
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A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 405/12 (2006.01)
C07D 409/12 (2006.01)
C07D 413/12 (2006.01)
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C08L 23/06 (2006.01)
C08L 27/18 (2006.01)
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C12N 1/15 (2006.01)
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A61K 8/73 (2006.01)
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A01N 43/653 (2006.01)
A01P 3/00 (2006.01)
C07D 401/04 (2006.01)
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B65D 5/66 (2006.01)
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F28F 3/08 (2006.01)
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 cess for manufacturing a drive

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H02K 7/102 (2006.01)
H02K 5/20 (2006.01)
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A61K 8/02 (2006.01)
A61K 8/73 (2006.01)
A61K 8/97 (2017.01)
A61K 36/00 (2006.01)
A61K 36/886 (2006.01)
A61L 26/00 (2006.01)
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A23L 33/105 (2016.01)
A61K 8/97 (2006.01)
A61P 29/00 (2006.01)
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B01F 7/18 (2006.01)
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A61K 31/4353 (2006.01)
A61P 5/50 (2006.01)
A61P 7/02 (2006.01)
A61P 9/04 (2006.01)
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C07D 249/06 (2006.01)
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C07D 471/04 (2006.01)
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A61K 31/52 (2006.01)
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C07D 403/06 (2006.01)
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C07D 237/14 (2006.01)
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A23G 9/28 (2006.01)
F28D 7/10 (2006.01)
F28F 1/10 (2006.01)
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B29C 53/82 (2006.01)
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E01C 7/14 (2006.01)
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G02B 6/02 (2006.01)
H01S 3/10 (2006.01)
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A61P 31/14 (2006.01)
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A61P 9/00 (2006.01)
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C07C 311/54 (2006.01)
C07C 311/56 (2006.01)
C07D 207/38 (2006.01)
C07D 213/71 (2006.01)
C07D 217/22 (2006.01)
C07D 217/24 (2006.01)
C07D 235/02 (2006.01)
C07D 241/24 (2006.01)

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C07D 249/04 (2006.01)
C07D 249/06 (2006.01)
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C07D 261/18 (2006.01)
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C07D 307/18 (2006.01)
C07D 307/64 (2006.01)
C07D 307/82 (2006.01)
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C07D 401/06 (2006.01)
C07D 403/12 (2006.01)
C07D 405/12 (2006.01)
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G06F 3/01 (2006.01)
G06F 3/0346 (2013.01)
H04N 21/482 (2011.01)
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C25B 9/00 (2006.01)
C25C 1/00 (2006.01)
C25C 1/12 (2006.01)
C25C 7/00 (2006.01)
C25C 7/02 (2006.01)
C25C 7/04 (2006.01)
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C07K 14/52 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/55 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/00 (2006.01)
C07K 19/00 (2006.01)
C12N 15/117 (2010.01)

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G06F 21/62 (2013.01)
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B29C 61/06 (2006.01)
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A61K 35/17 (2015.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
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C12N 15/86 (2006.01)

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F16L 39/00 (2006.01)
E21B 43/00 (2006.01)
H01B 7/14 (2006.01)
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H01R 13/523 (2006.01)
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F15D 1/04 (2006.01)
B01F 3/00 (2006.01)
B01F 3/08 (2006.01)
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A63F 13/57 (2014.01)
A63F 13/24 (2014.01)
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A63F 13/52 (2014.01)
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B22F 3/105 (2006.01)
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B29C 35/02 (2006.01)
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Washington State University see The Boeing Company
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B25G 1/10 (2006.01)
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A23G 4/06 (2006.01)
A23L 27/10 (2016.01)
A61K 36/534 (2006.01)
A61Q 11/00 (2006.01)

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A23L 3/3409 (2006.01)
A23B 7/144 (2006.01)
B65D 81/28 (2006.01)

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H04N 19/00 (2014.01)

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A61K 38/18 (2006.01)
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B64C 39/02 (2006.01)
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H04L 5/00 (2006.01)
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2015235932	The Regents of the University of California	2016282485	Printed Energy Pty Ltd
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2015243922	University of Washington; Seattle Children's Hospital (dba Seattle Children's Research Institute)	2016290352	Koninklijke Philips N.V.
2015243936	The Rockefeller University; Memorial Sloan Kettering Cancer Center	2016295394	VulcanForms Inc.
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2015261519	Universitat Autònoma De Barcelona; ESTEVE PHARMACEUTICALS, S.A.	2016296421	Milanese, A.
2015264263	University of Iowa Research Foundation	2016296482	Lockheed Martin Corporation
2015328370	Immunomedics, Inc.	2016302623	Sekisui Chemical Co., Ltd.
2015333335	Zensun (Shanghai) Science & Technology, Co., Ltd.	2016304331	Infectis Bioscience
2015339284	California Institute of Technology	2016305269	Centre National de la Recherche Scientifique; UNIVERSITE DE MONTPELLIER; UNIVERSITE DE LORRAINE; Universite De Chambéry; Ecole Nationale Supérieure De Chimie De Montpellier; TND
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2015350190	Janssen Pharmaceutica NV	2016311269	The Regents of The University of California; The Flinders University of South Australia
2015356180	FUJIFILM Wako Pure Chemical Corporation; Osaka University	2016315752	Cedars-Sinai Medical Center
2015358615	Janssen Biotech, Inc.	2016315778	Plastipak Packaging, Inc.
2015365168	Chugai Seiyaku Kabushiki Kaisha	2016317007	Rotachrom Technológiai Kft.
2015366166	Chiome Bioscience, Inc	2016319501	Soletanche Freyssinet
2015387481	The University of Montana	2016328965	Caterpillar Inc.
2015397104	Sandvik Mining and Construction Oy	2016329207	Alarm.com Incorporated
2015408175	Kimberly-Clark Worldwide, Inc.	2016329526	Spectrum Therapeutics GmbH
2015414668	Franke Technology and Trademark Ltd	2016332405	Shodoshima Healthyland Co., Ltd.
2016200591	GS Yuasa International Ltd.	2016333970	Magic Leap, Inc.
2016200763	Hydro Building Systems	2016337031	Medical Microinstruments S.p.A.
2016201064	KRASKOV, L.	2016338328	Transducto S.A.
2016202833	DuluxGroup (Australia) Pty Ltd	2016345055	Agriculture Victoria Services Pty Ltd
2016202889	DYWIDAG-Systems International Pty Limited	2016345063	The University of Queensland; The Council of The Queensland Institute of Medical Research
2016203453	Grirem Advanced Materials Co., Ltd	2016348218	Redmayne, J.M.
2016210668	Commonwealth Scientific and Industrial Research Organisation	2016349952	Reliance Worldwide Corporation (Aust.) Pty. Ltd.
2016214059	AbCelex Technologies Inc.	2016354524	Bioness Inc.
2016218940	Fluid Transfer Technology Pty Ltd	2016355735	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.
2016222612	PPC Broadband, Inc.	2016362010	Knorr-Bremse PowerTech GmbH; Ellenberger & Poengen GmbH
2016224139	Seeley International Pty Ltd	2016362757	Biopharm NZ Limited
2016225808	Deere & Company	2016363530	Sandvik Intellectual Property AB
2016228229	The Boeing Company	2016369655	RealmFive, Inc.
2016228246	Northern Light Group, LLC	2016370096	Winston Products LLC
2016230935	The University Court of The University of Aberdeen	2016370487	The Trustees of the University of Pennsylvania
2016236834	Royal Melbourne Institute of Technology	2016374650	Gale Pacific Limited
2016241098	Fisher & Paykel Healthcare Limited	2016375036	Thales
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2016244307	Michatek k.s.	2016380684	Menova International, Inc.
2016244997	Rutgers, The State University of New Jersey	2016386404	Halliburton Energy Services, Inc.
2016247106	The Boeing Company	2016403177	Sumitomo Electric Industries, Ltd.
2016250295	Commonwealth Scientific and Industrial Research Organisation	2016407102	Prysmian S.p.A.
2016250591	General Automation Lab Technologies, Inc.	2016413381	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016251812	Tiltsta Pty Ltd	2016416834	Medicontur Medical Engineering Ltd.
2016254729	Rodos BioTarget GmbH	2016426183	Core Innovations Limited
2016255611	UCL Business Ltd	2016426435	Halliburton Energy Services, Inc.
2016255853	NewSouth Innovations Pty Limited	2016434409	Avery Dennison Retail Information Services, LLC
2016257431	Cornell University	2017201023	Phoenix Closures, Inc.
2016259447	The Boeing Company	2017201988	Adobe Inc.
2016260895	MorphoSys AG	2017202803	SPX Flow, Inc.
2016261026	Veridos GmbH	2017203150	SPX Flow, Inc.
2016267566	Rolic AG	2017203877	CNH Industrial America LLC
2016269845	The University of Melbourne	2017204573	Oticon Medical A/S
2016271110	Groupm, Inc.	2017208249	Schneider Electric Industries SAS
2016274373	Geberit International AG	2017208558	Puertas Y Sistemas Anti Inundaciones S.L.
2016274442	Evonik Operations GmbH	2017208836	G21 S.r.l.
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2017213147	Hugo Vogelsang Maschinenbau GmbH	2017332751	Becton, Dickinson and Company
2017213787	Martin, M.	2017334269	NOJA Power Switchgear Pty Ltd
2017218007	The General Hospital Corporation	2017339559	Frito-Lay Trading Company GmbH
2017219627	The Regents of the University of Michigan	2017341951	Sanofi
2017224889	Lacme Holding	2017343630	First Solar, Inc.
2017226292	Hydril USA Distribution LLC	2017353264	BASF SE
2017227195	Panasonic Intellectual Property Corporation of America	2017357413	Deutsches Krebsforschungszentrum
2017227349	CJ Cheiljedang Corporation	2017358882	Landis+Gyr Innovations, Inc.
2017228378	S.C. Johnson & Son, Inc.	2017361253	H. Lundbeck A/S.
2017229184	Rauch Landmaschinenfabrik GmbH	2017366794	Landis+Gyr Innovations, Inc.
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2017237571	Samsung Electronics Co., Ltd.	2017393714	South China University of Technology
2017238191	Scorboard, LLC	2017396754	Arizona Board of Regents on behalf of The University of Arizona
2017241043	Rizun, N.	2017428323	Essity Hygiene and Health Aktiebolag
2017242020	The United States of America, as represented by the Secretary, Department of Health and Human Services	2017443889	GABA International Holding GmbH
2017242543	Bitdefender IPR Management Ltd	2018201064	Adobe Inc.
2017246476	Baylor College of Medicine	2018206034	Huawei Technologies Co., Ltd.
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2017251155	Bayer Animal Health GmbH	2018218522	Oblique Therapeutics AB
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2017259748	Universidad de la Habana; Centro de Investigación y Desarrollo de Medicamentos Cidem	2018248292	Opus Medical Therapies, LLC
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2017268662	Adobe Inc.	2018272932	Cabinplant International A/S
2017269371	Lonza Houston Inc.	2018274491	Siemens Aktiengesellschaft
2017273605	Qualcomm Incorporated	2018288515	Tracto-Technik GmbH & Co. Kg
2017273631	Qualcomm Incorporated	2018291041	Inscripta, Inc.
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2017278943	Taylor Commercial Foodservice, LLC.	2018300718	Tyco Electronics Raychem GmbH
2017281191	Xeda International S.A.	2018305254	Hohai University
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2017286163	Creo Medical Limited	2018310475	Advanced New Technologies Co., Ltd.
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2017299506	Janssen Pharmaceutica NV	2018320201	Euphoria Research and Development Ltd
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2017308781	Société des Produits Nestlé S.A.	2018350894	Becton, Dickinson and Company
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2017316531	The Boeing Company; Washington State University	2018355497	Huawei Technologies Co., Ltd.
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2018411150	Honda Motor Co., Ltd.	2019303422	Institute of Cotton Research of the Chinese Academy of Agricultural Sciences
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2019203618	Array BioPharma Inc.	2019382299	Genloci Biotechnologies Inc.
2019203684	The a2 Milk Company Limited	2019390994	Kamaledine, A.
2019204047	Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University	2019391608	Fleet Space Technologies Pty Ltd
2019204459	BLUESCOPE STEEL LIMITED	2019414297	Chevron Phillips Chemical Company LP
2019204819	4D Pharma PLC	2019417822	Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
2019205211	Boston Scientific Neuromodulation Corporation	2020200078	Fusion Holdings Limited
2019206057	MAX CO., LTD.	2020200346	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.; Tokitae LLC
2019208196	The Board of Trustees of The Leland Stanford Junior University	2020200378	Dolby Laboratories Licensing Corporation; Dolby International AB
2019210504	Amgen Inc.	2020200403	Sungrow Power Supply Co., Ltd.
2019210552	Sato Holdings Corporation	2020200538	Lummus Technology Inc.
2019210748	Dana-Farber Cancer Institute, Inc.	2020200577	TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
2019210776	Huawei Technologies Co., Ltd.	2020200770	PGS Geophysical AS
2019212858	Welltec Oilfield Solutions AG	2020200804	Adobe Inc.
2019213356	Sutton, N.	2020200838	General Electric Company
2019216594	Adobe Inc.	2020200854	Boehringer Ingelheim Animal Health USA Inc.
2019216641	Altus NZ Limited	2020200916	Caterpillar Inc.
2019217338	Boston Scientific SciMed, Inc.	2020201058	Smith & Nephew, Inc.; University of Massachusetts
2019219324	Klaus Multiparking GmbH	2020201252	Huawei Technologies Co., Ltd.
2019219760	Apple Inc.	2020201606	Dr. Ing. h.c.F. Porsche Aktiengesellschaft
2019219761	Ipsen Bioinnovation Limited	2020201609	Apple Inc.
2019222891	Illumina, Inc.	2020201618	LucasFilm Entertainment Company Ltd.
2019226228	Apple Inc.	2020201843	Arbor Biotechnologies, Inc
2019226284	Air Products and Chemicals, Inc.	2020202002	Life Technologies Corporation
2019227859	CMR Surgical Limited	2020202096	Amgen Inc.
2019229436	Sony Corporation	2020202180	Amazon Technologies, Inc.
2019230497	Guangdong Raynovent Biotech Co., Ltd.	2020202293	Dongguan Amperex Technology Limited
2019232825	Les Laboratoires Servier SAS	2020202327	Longyear TM, Inc.
2019234671	Twilio Inc.	2020202492	Goldman Sachs & Co. LLC
2019236649	Northrop Grumman Systems Corporation	2020202626	Mexichem Fluor S.A. de C.V.
2019236746	Shandong Lanbeisite Educational Equipment Group	2020202679	Motorola Solutions, Inc.
2019237415	Japan Cash Machine Co., Ltd.	2020202938	Qingdao Haier Joint Stock Co., Ltd
2019240838	Geberit International AG	2020202942	Qingdao Haier Joint Stock Co., Ltd
2019242156	JFE Steel Corporation	2020203081	Verona Pharma PLC
2019242158	JFE Steel Corporation		
2019248563	Pfanner Schutzbekleidung GmbH		
2019251483	Cellectar Biosciences, Inc.		
2019251515	Rux Energy Pty Ltd		
2019253815	Vetco Gray Scandinavia AS		
2019256245	Sciwind Biosciences Co., Ltd.		

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2020203441	LG Electronics Inc.
2020203464	The University of Queensland; The Provost, Fellows, Foundation Scholars, and The Other Members of Board, of The College of The Holy and Undivided Trinity of Queen Elizabeth Near Dublin
2020203560	HERO HEALTH, INC.
2020203686	C. R. Bard, Inc.
2020203690	ArQule, Inc.
2020203723	Ishida Co., Ltd.
2020203825	Sarepta Therapeutics, Inc.; Murdoch University
2020203911	Weber-Stephen Products LLC
2020203959	Canon Kabushiki Kaisha
2020204212	Aquestive Therapeutics, Inc.
2020204564	Medivators Inc.
2020205340	Everett, T.
2020206801	Hemideina Pty Ltd
2020210178	Becton, Dickinson and Company
2020212651	MURRAY, A.
2020213279	Colgate-Palmolive Company
2020214703	S&P Clever Reinforcement Company AG; Eidg. Materialprüfungs- und Forschungsanstalt EMPA
2020217341	Qualcomm Incorporated
2020220119	Medmont International Pty Ltd
2020220148	Google LLC
2020220153	Adobe Inc.
2020239726	Apple Inc.
2020250207	Zhuhai Jingdian Electronics Co. Ltd
2020260562	Nantong University
2020267161	Biosense Webster (Israel) Ltd.
2020267265	LANDA LABS (2012) LTD
2020286167	Shenzhen Yiji Manufacturing Co., Ltd.
2020286171	Shenzhen Yiji Manufacturing Co., Ltd.
2020289726	State Grid Hunan Electric Power Company Limited; State Grid Hunan Electric Power Company Limited Disaster Prevention and Reduction Center; State Grid Corporation of China
2020356793	Nantong University
2021201131	CHAOS INNOVATIONS
2021201313	Regents of the University of Minnesota
2021204411	Vortex Pipe Systems LLC

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A01B 3 /-	A01N 1 /-	A23L 33 /-	2019279935 2020203441	A61J 1 /-	2016315752 2016345063 2017266758 2019204047 2019208196 2019219761 2019256245 2019382299	
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A01B 35 /-	A01N 25 /-	A23L 5 /-	2017213787 2020204564	A61J 7 /-		
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A01B 39 /-	A01N 43 /-	A23L 7 /-	2016337031 2018248292	A61K 31 /-	A61K 39 /-	
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2017229184	2018272932	2018388893	A47B 77 /-	2017428323 2020201058		
A01C 7 /-	A22B 3 /-	A47G 19 /-	2016244307	A61F 2 /-		
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A01D 90 /-	A23B 7 /-	A47J 27 /-	2016225808	A47J 37 /-		
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A01F 25 /-	A23D 9 /-	A47L 13 /-	2019240838	A47L 13 /-		
2016345055	2017304876	2019303252	A47L 5 /-	A61G 17 /-		
A01G 13 /-	A23G 4 /-	A47L 5 /-	2019279935 2020203441	A61G 7 /-		
2016345055	2017330392	2019303252	A47J 27 /-	2016354524		
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A01G 33 /-	A23L 13 /-	A47K 1 /-	A47L 13 /-	A61G 17 /-		
2017396754	2017308781	2019240838	A47L 13 /-	2019390994		
A01H 6 /-	A23L 23 /-	A47L 13 /-	2019303252	A61G 7 /-		
2019303422	2017308781 2017320617	2019303252	A47L 5 /-	2016354524		
A01K 61 /-	A23L 27 /-	A47L 5 /-	A47L 5 /-	A61H 1 /-		
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A01M 19 /-	A23L 29 /-	A47L 9 /-	A47L 9 /-	A61H 3 /-		
2016348218	2017339559	2015234307	2015234307	2016354524		
A01M 23 /-	A23L 3 /-			A61K 36 /-		
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2019208196	<u>A61P 25 /-</u>	2016332405	<u>B01D 53 /-</u>	2016329526	<u>B29C 45 /-</u>
2020202626					
2020203081	2016255853	<u>A61P 5 /-</u>	2017251622	<u>B05C 5 /-</u>	2018358705
2020204212	2016288188				
<u>A61L 15 /-</u>	2016345063	2017306605	<u>B01D 61 /-</u>	2019268045	<u>B29C 53 /-</u>
	2018386464				
2017332751	2020203464	<u>A61P 7 /-</u>	2018378192	<u>B06B 1 /-</u>	2016228229
			2018396108		
<u>A61L 26 /-</u>	<u>A61P 29 /-</u>	2017306605		2016355735	<u>B29C 61 /-</u>
			<u>B01D 63 /-</u>		
2018258037	2016332405	<u>A61P 9 /-</u>	2018396108	<u>B08B 1 /-</u>	2018300718
	2017249047				
<u>A61L 29 /-</u>	2018386464	2015333335		2015234307	<u>B29C 63 /-</u>
	2020203690	2016345063	<u>B01F 3 /-</u>		
2018336924		2017306605		<u>B08B 3 /-</u>	2016228229
	<u>A61P 3 /-</u>	2018386464	2021204411		
<u>A61M 1 /-</u>		2020203464		2015234307	<u>B29C 65 /-</u>
	2019210504		<u>B01F 5 /-</u>	2017241043	
2015387481	2019256245	<u>A61Q 11 /-</u>			2018300718
			2021204411	<u>B21F 15 /-</u>	
<u>A61M 15 /-</u>	<u>A61P 31 /-</u>	2017330392			<u>B31D 5 /-</u>
		2017443889	<u>B01F 7 /-</u>	2019206057	2018307357
2016241098	2016214059				
	2016255611	<u>A61Q 19 /-</u>	2017202803	<u>B22F 3 /-</u>	<u>B31F 1 /-</u>
<u>A61M 16 /-</u>	2016310221				
	2016332405	2016244997	<u>B01J 19 /-</u>	2016295394	2017238191
2016241098	2017219627	2016332405			
2017212848	2017242020	2018258037	2016311269	<u>B23K 37 /-</u>	<u>B32B 1 /-</u>
2017236500	2017320742		2019414297		
	2017376541	<u>A61Q 5 /-</u>		2019268045	2016228229
<u>A61M 25 /-</u>	2019230497		<u>B01J 20 /-</u>		
	2020203464	2018346065		<u>B25B 25 /-</u>	<u>B32B 13 /-</u>
2018336924	2020203690		2019251515		
2018364772		<u>A63B 53 /-</u>		2019206057	2016426183
	<u>A61P 33 /-</u>		<u>B01J 27 /-</u>		
<u>A61M 5 /-</u>		2016370096		<u>B25G 1 /-</u>	<u>B33Y 10 /-</u>
	2017251155		2017304362		
2018350894		<u>A63B 60 /-</u>		2016370096	2016295394
2020202096	<u>A61P 35 /-</u>		<u>B01J 29 /-</u>		
2020210178		2016370096		<u>B25G 3 /-</u>	<u>B41J 2 /-</u>
	2015328370		2018344730		
<u>A61N 1 /-</u>	2015350190	<u>A63B 69 /-</u>		2016370096	2020267265
	2015358615		<u>B01J 31 /-</u>		
2019205211	2016255611	2017247015		<u>B25J 11 /-</u>	<u>B41J 3 /-</u>
	2016260895		2017304362		
<u>A61P 1 /-</u>	2016304331	<u>A63F 13 /-</u>		2016296482	2016315778
	2016345063		<u>B01J 35 /-</u>		
2019203684	2017219627	2018225026		<u>B25J 17 /-</u>	<u>B41M 5 /-</u>
2020203464	2017246476	2018356316	2017304362		
	2017250029			2016296482	2016315778
<u>A61P 11 /-</u>	2017253937	<u>A63F 9 /-</u>	<u>B01J 37 /-</u>		
	2017263361			<u>B25J 9 /-</u>	<u>B41M 7 /-</u>
2020202626	2017299506	2019268206			
2020203464	2017326487		<u>B01J 8 /-</u>	2016296482	2016315778
	2017376704	<u>A63G 31 /-</u>		2016337031	
<u>A61P 13 /-</u>	2018218519		2016311269		<u>B60F 1 /-</u>
	2018218522	<u>B01D 11 /-</u>		<u>B26D 1 /-</u>	
2020203464	2018248294		<u>B01L 3 /-</u>	2018307357	2019311716
	2018394996	2016329526			
<u>A61P 15 /-</u>	2019210748		2016250591	<u>B26D 5 /-</u>	<u>B60G 7 /-</u>
	2020203464	<u>B01D 15 /-</u>			
2016310221	2020203690		<u>B02C 19 /-</u>	2018307357	2018318057
2017306605		2016250295			
2020203464	<u>A61P 37 /-</u>	2016317007	2017241043	<u>B26D 7 /-</u>	<u>B60K 31 /-</u>
<u>A61P 17 /-</u>	2017219627	<u>B01D 29 /-</u>	<u>B02C 2 /-</u>	2018307357	2017203877
	2017299506				
2020203464	2018386464	2018396108	2018415095	<u>B29B 17 /-</u>	<u>B60L 53 /-</u>
	2018394996				
<u>A61P 19 /-</u>	2019342180	<u>B01D 35 /-</u>	<u>B02C 23 /-</u>	2015408175	2020201606
	2020203464				
2019208196		2018396108	2018415095	<u>B29C 35 /-</u>	<u>B60N 3 /-</u>
	<u>A61P 39 /-</u>				
			<u>B03D 1 /-</u>	2016295394	2018220495

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2020203825	2020210178	2015243922	<u>C21D 11 /-</u>	<u>D04B 21 /-</u>	2016202833
<u>C07H 21 /-</u>	<u>C08L 27 /-</u>	2015261519			<u>E04F 15 /-</u>
2015249739	2020210178	2015264263	2019268045	2016374650	
2020203825		2015356180	<u>C21D 8 /-</u>	<u>D06F 81 /-</u>	2016426183
2021201313	<u>C08L 53 /-</u>	2015365168			2017228378
		2016214059	2019242156	2016296421	
<u>C07K 1 /-</u>	2020210178	2016255611	2019242158		<u>E04F 19 /-</u>
		2017227349		<u>D21F 11 /-</u>	
2015356180	<u>C09C 1 /-</u>	2017250029	<u>C21D 9 /-</u>	2017238191	2016202833
2017341951		2017269371			<u>E04F 21 /-</u>
2019204047	2017304362	2017393714	2019268045	<u>D21H 19 /-</u>	
2019256245		2018291041			2016201064
	<u>C09D 133 /-</u>	2018317127	<u>C22B 1 /-</u>	2017238191	<u>E04G 23 /-</u>
<u>C07K 11 /-</u>		2018322319	2016203453		
	2017228378	2019202958	<u>C22B 3 /-</u>	<u>D21H 27 /-</u>	2020214703
2020200854	<u>C09D 5 /-</u>	2019342180		2017238191	<u>E04H 1 /-</u>
		2020201843	2016203453		<u>E04H 12 /-</u>
<u>C07K 14 /-</u>	2017228378	2020203825	2016250295	<u>E01B 27 /-</u>	2019213356
		2021201313	2016305269	2016355735	
2016255611	<u>C09D 7 /-</u>	<u>C12N 5 /-</u>	<u>C22B 34 /-</u>	<u>E01C 11 /-</u>	<u>E04H 13 /-</u>
2016274783		2015235932		2017316531	
2016345063	2017228378	2015243922	2016305269		2016275562
2016370487	<u>C09G 1 /-</u>	2015243936	<u>C22B 59 /-</u>	<u>E01C 7 /-</u>	<u>E04H 13 /-</u>
2017233035		2015365168		2017316531	2019390994
2017242020	2017228378	2016255611	2016203453		<u>E04H 14 /-</u>
2017250029	<u>C09K 11 /-</u>	2016274783	<u>C22B 60 /-</u>	<u>E02D 17 /-</u>	
2017266758		2018310000		2016319501	2019213356
2017341951	<u>C09K 8 /-</u>	2019342180	2016250295	<u>E02F 3 /-</u>	<u>E04H 6 /-</u>
2019210504		2021201313	<u>C22C 21 /-</u>		2019219324
2019256245	2017290887			2017226292	<u>E05B 59 /-</u>
2020202002	<u>C09K 8 /-</u>	<u>C12N 7 /-</u>	2018394139	<u>E02F 7 /-</u>	2020205340
<u>C07K 16 /-</u>		2016214059	<u>C22C 38 /-</u>		
	2016426435	2017269371		<u>E03C 1 /-</u>	<u>E05B 65 /-</u>
2015229035	<u>C11D 17 /-</u>	2017357413	<u>C22C 38 /-</u>	2019240838	2020205340
2015350190		<u>C12N 9 /-</u>	2019242156	<u>E03F 5 /-</u>	<u>E05C 19 /-</u>
2015358615	2020213279	2015239103	2019242158		2017208558
2015365168	<u>C11D 3 /-</u>	2015261519	<u>C23C 10 /-</u>	<u>E04B 1 /-</u>	<u>E05C 9 /-</u>
2015366166		2016276170		2018305254	
2016214059	<u>C12C 5 /-</u>	2017227349	2016259447	<u>E04B 1 /-</u>	2020205340
2016230935		2018317127	<u>C25B 1 /-</u>		<u>E05D 15 /-</u>
2016260895	2020213279	2020201843		2016202833	<u>E05D 15 /-</u>
2017250029	<u>C12C 5 /-</u>	<u>C12P 13 /-</u>	2018274491	2019213356	<u>E06B 7 /-</u>
2018248294			<u>C25B 15 /-</u>		
2019210504	2018320201	<u>C12P 19 /-</u>		<u>E04B 7 /-</u>	2019216641
2019261666	<u>C12M 1 /-</u>		2018274491		<u>E06B 7 /-</u>
2019342180		2018317127	<u>C25B 9 /-</u>	2019204459	
<u>C07K 17 /-</u>	2016311269	<u>C12P 19 /-</u>		<u>E04C 3 /-</u>	2017208558
	<u>C12N 1 /-</u>		2018274491		
2015356180		2017227349	<u>C25C 1 /-</u>	<u>E04D 13 /-</u>	2016200763
<u>C07K 19 /-</u>	2015235932	<u>C12P 21 /-</u>			<u>E21B 17 /-</u>
	2015365168		2016338328	2019204459	
2016255611	2017393714	2015229035		<u>E04C 3 /-</u>	2017208558
2017250029	2017396754	2015365168	<u>C25C 1 /-</u>		<u>E06B 9 /-</u>
2019210504	2018353929	2019219761		2019204459	
<u>C07K 7 /-</u>	2021201313	<u>C12Q 1 /-</u>	2016338328	2020214703	2016200763
	<u>C12N 11 /-</u>		<u>C25C 7 /-</u>		<u>E21B 23 /-</u>
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<u>C08J 5 /-</u>	2016311269	2015339284	2016338328		2019354632
	<u>C12N 13 /-</u>	2016250591	<u>C30B 29 /-</u>	<u>E04D 3 /-</u>	
2017332751		2017393714			<u>E21B 23 /-</u>
<u>C08K 5 /-</u>	2016311269	2018322319	2017210775	2019204459	
	<u>C12N 15 /-</u>	2020201843	<u>C30B 7 /-</u>		2016386404
2020210178		<u>C21D 1 /-</u>		<u>E04F 13 /-</u>	
<u>C08L 23 /-</u>	2015229035	2019268045	2017210775		
	2015235932				
	2015239103				

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2019354632	<u>F02M 21 /-</u>			2016218940	2020203959
	2017374692	<u>F16K 11 /-</u>	2018220495		
<u>E21B 33 /-</u>	<u>F03D 13 /-</u>	2016349952	<u>F25J 1 /-</u>	<u>G01N 21 /-</u>	<u>G05B 23 /-</u>
2016386404		<u>F16K 31 /-</u>	2019257447	2017251622	2016328965
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2019271866	<u>F03D 17 /-</u>	2016349952	<u>F25J 3 /-</u>	2019226228	<u>G05D 1 /-</u>
<u>E21B 34 /-</u>		<u>F16L 39 /-</u>		<u>G01N 27 /-</u>	2017203877
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2016386404	<u>F03D 7 /-</u>	2019253815	2020200538	2016281432	<u>G05D 23 /-</u>
2018369341		<u>F21L 4 /-</u>	<u>F27D 17 /-</u>	<u>G01N 30 /-</u>	
<u>E21B 4 /-</u>	2019330577		2018409778	2016317007	2016349952
	<u>F03D 9 /-</u>	<u>F21S 9 /-</u>	<u>F27D 3 /-</u>	<u>G01N 31 /-</u>	<u>G06F 1 /-</u>
2018288515			2018409778		2018329631
<u>E21B 41 /-</u>	2019330577	2016275562		2016311269	2019219760
	<u>F04B 43 /-</u>	<u>F21V 21 /-</u>	<u>F28D 1 /-</u>	<u>G01N 33 /-</u>	2019290413
2018369321					<u>G06F 12 /-</u>
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	<u>F04C 15 /-</u>	<u>F23C 13 /-</u>	<u>F28D 7 /-</u>	2016214059	2020202180
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<u>E21B 47 /-</u>	<u>F04C 18 /-</u>	<u>F23D 1 /-</u>	2017278943	2016328965	2016228246
			<u>F28F 1 /-</u>	2019204047	2018395919
2020202327	2017213147	2018267298		<u>G01N 35 /-</u>	<u>G06F 17 /-</u>
<u>E21B 7 /-</u>	<u>F04C 2 /-</u>	<u>F23D 14 /-</u>	2017278943		
			<u>F28F 13 /-</u>	2018291041	2017374692
2015397104	2017213147	2018344730		<u>G01R 1 /-</u>	<u>G06F 21 /-</u>
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<u>E21C 41 /-</u>			<u>F28F 21 /-</u>		2017201988
	2017203150	2017251622		<u>G01S 19 /-</u>	2018270420
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	2017203150	2019271950		2018411150	2020202679
2017226292	<u>F15D 1 /-</u>	2020200838	2016224139	<u>G01V 1 /-</u>	<u>G06F 3 /-</u>
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2016202889	<u>F16B 37 /-</u>	2020260562	2017218007	<u>G02B 5 /-</u>	2018270420
2016363530		<u>F24S 70 /-</u>	<u>G01B 9 /-</u>		2018356316
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	<u>F16B 39 /-</u>	2016243441	2017218007	2020201609	2020201609
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2017202803		<u>F25B 39 /-</u>	<u>G01J 3 /-</u>	2016236834	
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	<u>F16B 5 /-</u>	<u>F25B 41 /-</u>	<u>G01K 11 /-</u>	<u>G02F 1 /-</u>	2019234671
2017374692					<u>G06F 9 /-</u>
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	<u>F16H 23 /-</u>	<u>F25D 23 /-</u>	<u>G01M 3 /-</u>	<u>G03G 15 /-</u>	2018373029
2019271950					2018405223
2020200838	2016247106	2020202938	2017268056	2020203959	2019261875
<u>F02K 1 /-</u>	<u>F16K 1 /-</u>	2020202942		2020267265	2020202180
					<u>G06K 9 /-</u>
2020200838					

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2017268662	<u>G16B 40 /-</u>	<u>H01M 50 /-</u>	<u>H02K 9 /-</u>	2020217341	2020201252
2018213999				2020220148	
2018217281	2017210338	2020202293	2018401466		<u>H04W 24 /-</u>
2018241115				<u>H04L 9 /-</u>	2017301071
2018270420	<u>G21F 9 /-</u>	<u>H01M 8 /-</u>	<u>H02M 3 /-</u>	2017366794	<u>H04W 28 /-</u>
2020201618	2016250295	2016403177	2018299925	2020200078	
				2020202679	2017227195
<u>G06Q 20 /-</u>	<u>G21H 1 /-</u>	<u>H01Q 1 /-</u>	<u>H02M 7 /-</u>	<u>H04M 1 /-</u>	<u>H04W 36 /-</u>
2020202492	2021201131	2017283939	2018299925	2017283939	2020217341
				2018393169	
<u>G06Q 30 /-</u>	<u>H01B 7 /-</u>	<u>H01Q 13 /-</u>	<u>H02S 20 /-</u>	<u>H04N 13 /-</u>	<u>H04W 4 /-</u>
2016271110	2016407102	2017283939	2017284105		2016329207
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		<u>H01R 13 /-</u>	2020260562	2020200804	2017268249
<u>G06Q 40 /-</u>	<u>H01F 1 /-</u>	2015342739	<u>H03H 7 /-</u>	<u>H04N 17 /-</u>	2018443385
2020202492	2017208249	2019236649			2019391608
		2019253815	2019210552	2018241115	
<u>G06Q 50 /-</u>	<u>H01G 9 /-</u>	<u>H01R 24 /-</u>	<u>H04B 1 /-</u>	<u>H04N 19 /-</u>	<u>H04W 48 /-</u>
2016261026	2016282485	2015342739	2019203238	2018254570	2016329207
					2017252322
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2018201064	2018367905	2017218007	2019210552	2016251812	<u>H04W 52 /-</u>
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2020201618	2018367905	2020289726	2017273605	2018270420	2019229436
			2017291705		<u>H04W 56 /-</u>
<u>G06T 17 /-</u>	<u>H01H 33 /-</u>	<u>H02G 15 /-</u>	2017305962	<u>H04Q 9 /-</u>	2017273631
2017251639	2017334269	2018300718	2019210552	2017366794	
2020201618	2018367905		2019272247		<u>H04W 68 /-</u>
		<u>H02G 3 /-</u>	2020220148	<u>H04R 1 /-</u>	2017252322
<u>G06T 19 /-</u>	<u>H01H 47 /-</u>	2020200403	<u>H04J 3 /-</u>	2019248563	
2017251639	2016362010			2020201609	<u>H04W 72 /-</u>
		<u>H02G 7 /-</u>	2017366794	2020206801	
<u>G06T 5 /-</u>	<u>H01H 71 /-</u>	2019283954	<u>H04L 1 /-</u>		2017261798
2019216594	2018357312			<u>H04R 17 /-</u>	2017263554
		<u>H02H 3 /-</u>	2018206034	2020206801	2017301071
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2020220153		<u>H02J 3 /-</u>	<u>H04L 12 /-</u>	2017204573	2019291417
	<u>H01L 27 /-</u>	2019260587		2020206801	<u>H04W 74 /-</u>
<u>G07B 15 /-</u>	2019279972		2017242543		2018355497
2016329207		<u>H02J 7 /-</u>	2017366794	<u>H04R 3 /-</u>	
	<u>H01L 31 /-</u>	2018299925	2018307326	2020201609	<u>H04W 76 /-</u>
<u>G07D 9 /-</u>	2017343630		2019391608		2018317274
2019237415	2018236265	<u>H02K 1 /-</u>		<u>H04R 31 /-</u>	
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<u>G08G 5 /-</u>	<u>H01L 35 /-</u>	2020286171	2017201988		2019229436
2016329207	2015243936		2017227195	<u>H04R 5 /-</u>	
		<u>H02K 16 /-</u>	2017234432	2020201609	<u>H04W 84 /-</u>
<u>G08G 7 /-</u>	<u>H01L 51 /-</u>	2020286167	2017268249		2017227195
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<u>G09G 5 /-</u>	<u>H01M 10 /-</u>		2019261875	<u>H04W 12 /-</u>	2018443385
2017251639	2020201606	<u>H02K 5 /-</u>	<u>H04L 5 /-</u>	2017366794	2019229436
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	<u>H01M 4 /-</u>		2017263554	<u>H04W 16 /-</u>	
<u>G10L 19 /-</u>	2016200591	<u>H02K 7 /-</u>	2017291704		<u>H04W 88 /-</u>
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			2018263512	2017252322	2019391608
			2018317274		
			2018342485		

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Certified Innovation Patents

Name Index

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

(71) Ecolab USA Inc.
 (11) AU-B-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) 05.08.2021
 (62) 2020256463
 (72) Freudenberg, Jared; Matts, Emory H.; Jungmann, Ronald D.; Johnston, Staci; Rhodes, Matthew
 (74) Shelston IP Pty Ltd.

(45) 05.08.2021
 (72) Stafford, Matt
 (74) Phoenix Intellectual Property

(71) Ecolab USA Inc.
 (11) AU-B-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)
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 (72) Freudenberg, Jared; Matts, Emory H.; Jungmann, Ronald D.; Johnston, Staci; Rhodes, Matthew
 (74) Shelston IP Pty Ltd.

(71) Oates & Family Pty Ltd
 (11) AU-B-2017101856
 (21) 2017101856 (22) 02.05.2017
 (54) Procedure for Penile Girth Enhancement
 (51) Int. Cl.
A61F 2/26 (2006.01)
A61B 17/00 (2006.01)
A61K 31/5575 (2006.01)
A61K 47/12 (2006.01)
A61M 5/00 (2006.01)
A61M 25/01 (2006.01)
A61P 15/10 (2006.01)

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 (74) Armour IP Pty Ltd

(71) Ecolab USA Inc.
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 (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)
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 (72) Freudenberg, Jared; Matts, Emory H.; Jungmann, Ronald D.; Johnston, Staci; Rhodes, Matthew
 (74) Shelston IP Pty Ltd.

(71) MIH Industrial Solutions Pty Ltd
 (11) AU-B-2020100585
 (21) 2020100585 (22) 17.04.2020
 (54) A WATER PUMPING SYSTEM
 (51) Int. Cl.
F04C 13/00 (2006.01)
F04C 11/00 (2006.01)
F04C 14/28 (2006.01)
F04C 28/28 (2006.01)
F04C 29/06 (2006.01)
F04D 13/04 (2006.01)

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F04C 14 /-

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2015202594 **Krueger Transport Equipment Pty Ltd (Vawdrey Australia Pty. Ltd.)**

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2015234395	2015255622	2015258219	2015264896
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2015279621	2015279643	2015280248	2015286189
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2015327748	2015342728	2015343199	2015343221
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2018415732	2018423092	2019200319	2019200672
2019200828	2019200849	2019200932	2019201201
2019201262	2019201317	2019201728	2019201907
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2019202304	2019202566	2019202704	2019202805
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2019203098	2019203103	2019203150	2019203355
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2020202130	2020202596	2020203520	2020203586
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2021102251	2021102345	2021102373	2021102626
2021102636	2021102638	2021102648	2021102710
2021102712	2021102733	2021102806	2021102815
2021102830	2021102841	2021102853	2021102867
2021102924	2021102947	2021102975	2021102986
2021103011	2021103016	2021103017	2021103024
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2021103505 2021103508 2021103526 2021103539
2021103546 2021103564 2021103573

Revocation

It is hereby notified that the offer by the Patentee **Meat & Livestock Australia Limited** to surrender Patent 2005233651 which was advertised in the Official Journal of 17.06.2021 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2004207504 Boral Material Technologies Inc. The patent has been assigned to **Boral Resources LLC**

2011350804 National Research and Development Agency National Agriculture and Food Research Organization; SDS Biotech K.K.; Toyama Prefecture The patent has been assigned to **National Research and Development Agency National Agriculture and Food Research Organization; SDS Biotech K.K.; National Research and Development Agency National Agriculture and Food Research Organization**

2014236057 General Electric Company The patent has been assigned to **Leica Microsystems CMS GmbH**

2021100870 Bruder Expedition Pty Ltd The patent has been assigned to **Bruder IP 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.

2002217082 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 21 Jul 2020

For the goods ATECTURA BREEZHALER 125/127.5 indacaterol (as acetate)/mometasone furoate

Extension of Term of patent pursuant to Section 77 expires on 03 Dec 2026

2004264937 **Array BioPharma Inc.**

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

For the goods TUKYSA tucatinib

Extension of Term of patent pursuant to Section 77 expires on 10 Aug 2029

2006272978 **BIAL - Portela & Ca, S.A.**

The earliest first regulatory approval date provided by the patentee 23 Sep 2020

For the goods ONGENTYS opicapone

Extension of Term of patent pursuant to Section 77 expires on 26 Jul 2031

2006315383 **Array Biopharma Inc.**

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

For the goods TUKYSA tucatinib

Extension of Term of patent pursuant to Section 77 expires on 15 Nov 2031

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

2007264946 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 21 Jul 2020

For the goods ATECTURA BREEZHALER 125/127.5 indacaterol (as acetate)/mometasone furoate

Extension of Term of patent pursuant to Section 77 expires on 02 Jul 2032

2008312435 **Otsuka Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 02 Nov 2020

For the goods INQOVI 35/100 decitabine 35 mg and cedazuridine 100 mg

Extension of Term of patent pursuant to Section 77 expires on 16 Oct 2033

2012322039 **Array BioPharma Inc.**

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

For the goods TUKYSA tucatinib

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

2018274883 **Novartis AG; Astex Therapeutics Ltd**

The earliest first regulatory approval date provided by the patentee 23 Oct 2017

For the goods KISQALI ribociclib

Extension of Term of patent pursuant to Section 77 expires on 23 Oct 2032

Corrigenda

In Vol 35 , No 14 , Page(s) 3249 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Owlstone Medical Limited., Application No. 2019336559, under INID (72) correct the co-inventor to ALLSWORTH, Max

In Vol 35 , No 21 , Page(s) 4502 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Bayer Aktiengesellschaft, Application No. 2019379261, under INID (72) correct the co-inventor to BECKHOVE, Philipp

In Vol 35 , No 22 , Page(s) 4769 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Flagship Pioneering Innovations V, Inc., Application No. 2019378883, under INID (72) correct the co-inventor to SHAH, Jagesh Vijaykumar

In Vol 35 , No 23 , Page(s) 4961 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name LAXNESS Corporation, Application No. 2019403247, under INID (71) correct the applicant name to LANXESS Corporation

In Vol 35 , No 28 , Page(s) 5804 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Intuit Inc., Application No. 2020381440, Under INID (72) add co-inventor PAPOLU, Smitha Prasad

Corrigenda

In Vol 35 , No 29 , Page(s) 5913 under the heading **Amendments - Application for Amendments** Under the name Novartis AG, Patent Application No. 2018221557 correct the date of the statements filed to 03 June 2021 and 04 June 2021

In Vol 35 , No 29 , Page(s) 5966 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. , Application No. 2019394097, under INID (54) correct the title to Apparatus, method and computer program for encoding, decoding, scene processing and other procedures related to DirAC based spatial audio coding using diffuse compensation

In Vol 35 , No 30 , Page(s) 6061 under the heading **Complete Applications Filed - Name Index** Delete all reference to 2021204808

In Vol 35 , No 30 , Page(s) 6081 under the heading **Assignments Before Grant, Section 113 - 2021** Under the name VARTA Consumer Batteries GmbH & Co KGaA, Application No. 2021202724, under INID (71) add co-applicants VARTA Microbattery GmbH

In Vol 35 , No 30 , Page(s) 6082 under the heading **Amendments - Application for Amendments** Under the name Safran Electronics & Defense, Application No. 2019287350 correct the date of the statements filed to read 28 June 2021 and 29 March 2021

Specifications Republished

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

- 2017260170 **The Coca-Cola Company**
- 2018283902 **ExxonMobil Upstream Research Company**
- 2018306730 **Invuity, Inc.**
- 2019200145 **Commonwealth Scientific and Industrial Research Organisation**
- 2019216649 **Intuit Inc.**
- 2019264572 **Vivonics, Inc.; Mayo Foundation for Medical Education and Research**