



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For information on the following please see our website www.ipaustralia.gov.au
or contact our Customer Service Network on 1300651010*

Editorial enquiries

Contact information

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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).

<p>NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

Using the Indices To Find Patent Information if You Know the Name of the Applicant.

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

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

<u>ITEM</u>	<u>INID 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)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)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.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 11 January 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

James McHarg Fitzsimons [2023] APO 67

Patent Application: 2017201980

Title: System of advanced features for email

Patent Applicant: James McHarg Fitzsimons

Delegate: Anish Singh

Decision Date: 22 December 2023

Hearing Date: Written submissions filed on 29 August 2023

Catchwords: **PATENTS** – section 45 – examiner’s objection – advanced features for email – management of emails – reply to all – manner of manufacture – invention in substance directed to a scheme – application refused – lack of unity and inventive step not considered

Representation: Patent attorney for the applicant: Wallington-Dummer

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Dec 2023 .

(71) Agnitek Pty Ltd (21) 2023904138 (22) 20.12.2023 (54) Flush Box	(71) Australian National University (21) 2023904201 (22) 22.12.2023 (54) Methods of Detecting Varroa Mite	(71) Classic Hardware Suppliers Pty Ltd (21) 2023904152 (22) 20.12.2023 (54) A latch
(71) Agriculture Victoria Services Pty Limited (21) 2023904210 (22) 22.12.2023 (54) System, device and method for fumigation gas sensing	(71) beachon (21) 2023904135 (22) 20.12.2023 (54) Beach towel with sewn on pillowcase and insertable pillow. Folded into carry pillow with attached shoulder straps.	(71) Clements, S. (21) 2023904219 (22) 22.12.2023 (54) MECHANICAL/BIOLOGICAL WOOL HARVESTING RETRACTABLE RAKE DESIGN
(71) AI MEDI SCAN PTY LTD (21) 2023904182 (22) 21.12.2023 (54) A DEVICE FOR USE IN DIAGNOSING A SKIN CANCER	(71) Belle Banne Conveyor Products Pty. Ltd (21) 2023904156 (22) 20.12.2023 (54) Conveyor roller tube	(71) COLLIER, P. (21) 2023904162 (22) 20.12.2023 (54) METHOD AND APPARATUS FOR CONSTRUCTION OF PANEL BASED STRUCTURE USING PREFORMED JOINING AND ANCHORAGE MEMBERS
(71) Al Khateeb, W. (21) 2024900009 (22) 02.01.2024 (54) Injector unit	(71) Blastone Technology Pty Ltd (21) 2023904205 (22) 22.12.2023 (54) Nipple for Measuring Speed of a Stream of Abrasive Particles	(71) Commonwealth Scientific and Industrial Research Organisation; Australian Eggs Limited (21) 2023904141 (22) 20.12.2023 (54) Gender and fertilisation status determination of eggs
(71) Alzhtec Pty Ltd (21) 2023904130 (22) 20.12.2023 (54) Compositions comprising fungal bioactive compounds, a related apparatus, and methods to treat, ameliorate, or prevent neurodegenerative disorders	(71) Boross, F. (21) 2023904180 (22) 21.12.2023 (54) DATA COMMUNICATIONS NETWORK FOR TRANSMISSION OF DATA RELATING TO SHARED DWELLINGS	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023904150 (22) 20.12.2023 (54) Electrochemical Reactions
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023904164 (22) 20.12.2023 (54) Terrestrial Mineral Carbonation for CO2 Removal from Air	(71) Campbell, B.L.; Ray, P. (21) 2023904253 (22) 28.12.2023 (54) Methods and Preparation and Uses of Xanthorrhoeaceae Compositions	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023904194 (22) 22.12.2023 (54) Training deep learning models
Australian Eggs Limited see Commonwealth Scientific and Industrial Research Organisation (21) 2023904141	(71) CAT ST PTY LTD (21) 2023904220 (22) 22.12.2023 (54) Handle Attachment Assembly	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023904203 (22) 22.12.2023 (54) Asymmetric RNA Molecules
(71) Australian Export Grains Innovation Centre Limited (21) 2023904230 (22) 22.12.2023 (54) Seed Malting Apparatus and Method	Centenary Institute of Cancer Medicine and Cell Biology see The University of Sydney (21) 2023904160	
	CHEN, J. see TIBAN ANRANGO, B. (21) 2023904131	

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2023904227 (22) 22.12.2023
(54) Identifying sequence functionality

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024900004 (22) 02.01.2024
(54) SUPPLEMENT AND USE THEREOF

(71) CRYPTO MASTERS PTY LTD
(21) 2023904243 (22) 23.12.2023
(54) A High-Performance Gravity Battery for Solar Panel Integration

(71) Curia Ventures Pty Ltd
(21) 2024900007 (22) 02.01.2024
(54) CAM-DRIVEN LIQUID/GEL APPLICATION DEVICE

(71) Daemco Australia Pty Ltd
(21) 2023904168 (22) 21.12.2023
(54) Generator

(71) Davies, D.
(21) 2023904231 (22) 22.12.2023
(54) A Drainage Insert for a Puddle Flange

(71) ECO Garage Doors Pty Ltd
(21) 2023904213 (22) 22.12.2023
(54) Drive unit

(71) El Antaki, M.
(21) 2023904163 (22) 20.12.2023
(54) elAntaki-Hershell Universal Dialectics Methods For Engineering And Building The Natural Perfect Sphere

(71) Ensol Systems Pty. Ltd.
(21) 2023904199 (22) 22.12.2023
(54) Flexible architectural covering and method of forming thereof

(71) Faulkner, A.
(21) 2024900000 (22) 01.01.2024
(54) Rocket engine

(71) Faulkner, A.
(21) 2024900001 (22) 01.01.2024
(54) Ammonia combustion process

(71) FLOW IMPORTS LIMITED
(21) 2023904167 (22) 21.12.2023
(54) A SELF-INFLATING MATTRESS AND A METHOD OF USING SAME

(71) Foster, S.; Umekkan, D.
(21) 2023904189 (22) 21.12.2023
(54) Meter Box Door Support

Frederique Sunstrum see Jean Payette
(21) 2023904157

(71) Gale Pacific Limited
(21) 2023904176 (22) 21.12.2023
(54) YARN FOR FABRIC AND FABRIC

(71) GenX Energy Pty Ltd
(21) 2023904192 (22) 22.12.2023
(54) Semiconductor Layers for Voltaic Devices

(71) Get Over It Construction Ramp Pty Ltd
(21) 2023904226 (22) 22.12.2023
(54) Portable construction ramp

(71) Gramele Industrial Holdings Pty Ltd (wholly owned subsidiary of Recce Pharmaceuticals Ltd)
(21) 2023904175 (22) 21.12.2023
(54) Methods of ameliorating microbial growth

(71) Green, T.
(21) 2023904200 (22) 22.12.2023
(54) BUILDING AND CONSTRUCTION ONSITE MATERIAL HANDLING SYSTEM

(71) Green Lithium Industries Pty Ltd
(21) 2023904159 (22) 20.12.2023
(54) A CHEMICAL PROCESS FOR PRODUCING REAGENTS FROM SULPHATE CONTAINING STREAMS

(71) H2H Energy Pty Ltd
(21) 2023904165 (22) 21.12.2023
(54) Method of Dispensing Hydrogen Fuel and Hydrogen Refuelling System

(71) Icon23 Pty Ltd
(21) 2023904153 (22) 20.12.2023
(54) A takeaway food container assembly

(71) Icon23 Pty Ltd
(21) 2023904154 (22) 20.12.2023
(54) A beverage container assembly

(71) Illinois Tool Works Inc.
(21) 2023904183 (22) 21.12.2023
(54) Washer and method of providing anchorage

(71) Illinois Tool Works Inc.
(21) 2023904240 (22) 22.12.2023
(54) Fastener Guide

(71) InfigoLabs Pty Ltd
(21) 2023904228 (22) 22.12.2023
(54) Combustor component, combustor assembly and related systems and methods

(71) InhaleRx Ltd
(21) 2023904186 (22) 21.12.2023
(54) Treatment of breakthrough cancer pain

(71) Insight SC Pty Ltd
(21) 2023904144 (22) 20.12.2023
(54) Portable toilet

(71) Ivkoric, J.
(21) 2023904179 (22) 21.12.2023
(54) ABSOLUTE ZERO CLEARANCE FIRE BOX

(71) Jade Australia Pty Ltd
(21) 2023904232 (22) 22.12.2023
(54) STABILISER FOR VISOR ASSEMBLY

(71) Jaloz Pty Ltd
(21) 2023904236 (22) 22.12.2023
(54) A biomass torrefaction process and apparatus

(71) Jean Payette; Noelle Sunstrom; Frederique Sunstrum
(21) 2023904157 (22) 20.12.2023
(54) Injection device

KAPLUN, G. see KAPLUN, P.
(21) 2023904254

KAPLUN, P. see KAPLUN, P.
(21) 2023904254

(71) KAPLUN, P.; KAPLUN, G.; KAPLUN, P.
(21) 2023904254 (22) 28.12.2023
(54) Universal Crank Module Assembly and Applications

(71) Kazacos AI Pty Ltd
(21) 2023904151 (22) 20.12.2023
(54) INTERACTIVE STORY GENERATION METHODS AND SYSTEMS

(71) Kennedy Technologies Limited
(21) 2023904244 (22) 23.12.2023
(54) APPARATUS AND METHODS FOR PACKING OR APPLYING LINERS TO CONTAINERS DURING A PACKING PROCESS

(71) K F Group Pty Ltd
(21) 2023904217 (22) 22.12.2023
(54) Part Monitoring System

Provisional Applications Filed - Name Index cont'd

(71) K F Group Pty Ltd
(21) 2023904218 (22) 22.12.2023
(54) Bolt Tension Detection System

(71) King Furniture Australia Pty Ltd
(21) 2023904257 (22) 30.12.2023
(54) Canopy mounting apparatus

(71) KIRBY, W.
(21) 2023904215 (22) 22.12.2023
(54) FORECASTING TOOL

(71) Lam, T.T.
(21) 2023904250 (22) 26.12.2023
(54) MAGNETIC SHAFT-LEVITATOR

(71) La Trobe University
(21) 2023904178 (22) 21.12.2023
(54) Increased herbicide resistance or tolerance in plants

(71) La Trobe University
(21) 2023904190 (22) 21.12.2023
(54) METHOD AND APPARATUS FOR PRODUCING A FIBER

(71) Leung, T.H.
(21) 2023904191 (22) 21.12.2023
(54) Light Controller

(71) LifeStyles Healthcare Pte Ltd
(21) 2023904197 (22) 22.12.2023
(54) Compositions

Macquarie University see The University of Sydney
(21) 2023904149

(71) Maxwell and Higgs Pty Ltd
(21) 2023904249 (22) 26.12.2023
(54) TOWED VEHICLE PROTECTION DEVICE WITH COMMUNICATION MODULE

(71) Mayhook, C.
(21) 2023904166 (22) 21.12.2023
(54) ONE STEP PERMANENT ADHESIVE POCKET

(71) Memphasys Limited
(21) 2023904171 (22) 21.12.2023
(54) Methods and devices for measuring antioxidant levels in biological samples

(71) Minappi Pty Ltd
(21) 2023904174 (22) 21.12.2023
(54) Garment

(71) Minelab Electronics Pty. Limited
(21) 2023904239 (22) 22.12.2023
(54) AN IMPROVED METAL DETECTOR

(71) Monash University
(21) 2023904158 (22) 20.12.2023
(54) Improved sulfur cathodes

(71) MooreGrp Pty Ltd
(21) 2023904169 (22) 21.12.2023
(54) PALLET DIVIDER

(71) My One Touch Pty Ltd
(21) 2023904234 (22) 22.12.2023
(54) Computer-implemented method and system for bulk prescriptions

(71) Myriota Pty Ltd
(21) 2023904225 (22) 22.12.2023
(54) SATELLITE AND METHOD OF OPERATION

(71) Myrio Therapeutics Pty Ltd
(21) 2023904211 (22) 22.12.2023
(54) Binding agents for KRAS G12V peptide-MHC complex

NAIYA, M. see TIBAN ANRANGO, B.
(21) 2023904131

(71) Najjarine, A.R.
(21) 2023904155 (22) 20.12.2023
(54) Orthotic footwear

(71) Nebula
(21) 2023904241 (22) 22.12.2023
(54) Integrated Decentralized Platform for Enhanced Remote Work Ecosystem and Business Development

(71) NEIGHBOURS, G.
(21) 2023904172 (22) 21.12.2023
(54) A METHOD AND SYSTEM FOR CONSTRUCTING AND/OR DECONSTRUCTING A MULTI-LEVEL BUILDING

(71) NEIGHBOURS, G.
(21) 2023904242 (22) 23.12.2023
(54) FLOATING OFFSHORE WIND TURBINE INSTALLATION METHODS AND SYSTEMS

(71) NEUROMERSIV PTY LIMITED
(21) 2023904148 (22) 20.12.2023
(54) A SYSTEM AND METHOD FOR PHYSICAL THERAPY

(71) NEWFANGLED TECH PTY LTD
(21) 2023904238 (22) 22.12.2023
(54) A process for treating a dirty solid material optionally from excavation

(71) NewSouth Innovations Pty Limited
(21) 2023904121 (22) 19.12.2023
(54) Splicing Kinase Inhibitors

(71) NewSouth Innovations Pty Limited
(21) 2023904123 (22) 19.12.2023
(54) Splicing Kinase Inhibitors

(71) NewSouth Innovations Pty Limited
(21) 2023904142 (22) 20.12.2023
(54) Method and system for structural health monitoring

Noelle Sunstrom see Jean Payette
(21) 2023904157

(71) Novalith Technologies Pty Ltd
(21) 2023904122 (22) 19.12.2023
(54) Lithium aluminosilicate composites

(71) NTHALMIC HOLDING PTY LTD
(21) 2023904132 (22) 20.12.2023
(54) Gaming devices, methods, and apparatus for myopia management.

(71) NTHALMIC HOLDING PTY LTD
(21) 2023904133 (22) 20.12.2023
(54) A Contact Lens for Myopia Management

(71) NTHALMIC HOLDING PTY LTD
(21) 2023904134 (22) 20.12.2023
(54) A Multi-Zone Spectacle Lens for Myopia Management

(71) NTHALMIC HOLDING PTY LTD
(21) 2023904136 (22) 20.12.2023
(54) A Spectacle Lens for Myopia

(71) NTHALMIC HOLDING PTY LTD
(21) 2023904145 (22) 20.12.2023
(54) Dynamic Orthokeratology

(71) NTHALMIC HOLDING PTY LTD
(21) 2023904147 (22) 20.12.2023
(54) On-eye Imaging of Contact Lenses

(71) Nunhems B.V.
(21) 2023904195 (22) 22.12.2023
(54) CARROT VARIETIES NUN 13123 CAC, NUN 13125 CAC, AND NUN 13126 CAC

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(71) Nunhems B.V. (21) 2023904237 (22) 22.12.2023 (54) MELON VARIETY NUN 71579 MEM	(21) 2023904253	(71) Saluda Medical Pty Ltd (21) 2023904255 (22) 29.12.2023 (54) Systems with multiple active implantable medical devices
(71) O'Connor, B. (21) 2023904143 (22) 20.12.2023 (54) BUOYANT PERSONAL WATERCRAFT TRAILER	(71) Red Automotive Technologies Pty Ltd (21) 2023904245 (22) 23.12.2023 (54) HITCH COUPLING SYSTEM	(71) Silicon Quantum Computing Pty Ltd. (21) 2023904181 (22) 21.12.2023 (54) Systems and methods for optimizing spin qubit operation
(71) Open Star Technologies Limited (21) 2023904214 (22) 22.12.2023 (54) A METHOD AND SYSTEM FOR MAINTAINING CRYOGENIC TEMPERATURES	(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd. (21) 2023904139 (22) 20.12.2023 (54) Valve housing	(71) South East Water Corporation (21) 2023904185 (22) 21.12.2023 (54) DEVICE, SYSTEM AND METHOD FOR LOCATING AND REPAIRING LEAKS IN PIPES
(71) Ovula Pty Ltd (21) 2023904251 (22) 27.12.2023 (54) METHOD FOR IMPROVED OVULATION OUTCOME FOR ASSISTED REPRODUCTIVE THERAPY	ResMed Asia Pte. Ltd. see ResMed Pty Ltd (21) 2023904193	(71) Starkey, T. (21) 2023904125 (22) 19.12.2023 (54) Skill Grader: An Artificially Intelligent Skill Grading System.
Pact Renewables Pty Ltd see Arakel, A. (21) 2023904164	(71) ResMed Pty Ltd (21) 2023904128 (22) 19.12.2023 (54) Next Generation Heat Moisture Exchangers	(71) Stronach, C. (21) 2023904184 (22) 21.12.2023 (54) Rodent Bait Holder
(71) Pleiades Australia Pty Ltd (21) 2023904161 (22) 20.12.2023 (54) A SYSTEM	(71) ResMed Pty Ltd (21) 2023904140 (22) 20.12.2023 (54) TOOL FOR DISASSEMBLING COMPONENTS OF A RESPIRATORY THERAPY SYSTEM	(71) sutcliffe, c. (21) 2023904246 (22) 23.12.2023 (54) Catcha Coverz: Cylinder mower catcher cover held on by magnets
(71) Primary Sales Australia Pty Ltd (21) 2024900006 (22) 02.01.2024 (54) ARTICULATED AUGER FOR A HARVESTING HEADER	(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd. (21) 2023904193 (22) 22.12.2023 (54) Positioning, Stabilising, And Interfacing Structures And System Incorporating Same	(71) Systems IP Pty Ltd (21) 2023904223 (22) 22.12.2023 (54) Net poles
(71) Purifas Holdings Pty Ltd (21) 2023904224 (22) 22.12.2023 (54) Protective Sheet and Securement Assembly	(71) ResMed Pty Ltd (21) 2023904204 (22) 22.12.2023 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME	(71) Talga Technologies Limited (21) 2023904208 (22) 22.12.2023 (54) Recycled Graphite Material Purification Process
(71) PYXTA PTY LTD (21) 2023904212 (22) 22.12.2023 (54) SYSTEM AND METHOD FOR DATA PROCESSING	(71) Resonait Medical Technologies Pty Ltd (21) 2023904187 (22) 21.12.2023 (54) System and method for identifying brain network patterns	(71) Talga Technologies Limited (21) 2023904209 (22) 22.12.2023 (54) Method for Producing High Surface Area Graphite
(71) QOSO Pty Ltd (21) 2024900003 (22) 02.01.2024 (54) Toiletry bag	(71) Resonance Health Analysis Services Pty Ltd (21) 2023904170 (22) 21.12.2023 (54) Fibrosis markers	(71) TELEAUS BIOSCIENCE HEALTH PTY LTD (21) 2023904137 (22) 20.12.2023 (54) Method for studying and treating Human Lung Diseases through Zebrafish Microbiome Manipulation and CRISPR-Mediated Mutagenesis
(71) Queensland University of Technology (21) 2023904229 (22) 22.12.2023 (54) METHOD AND SYSTEM FOR GENERATING A ROBOT TASK PLAN	(71) Royal Melbourne Institute of Technology (21) 2023904202 (22) 22.12.2023 (54) Method of forming a nanostructure and use of such nanostructures as a nanoreactor	(71) The University of Adelaide (21) 2024900010 (22) 02.01.2024 (54) METHOD AND DEVICE FOR SPERM SELECTION
(71) R.G.Wilson Pty Ltd (21) 2023904177 (22) 21.12.2023 (54) Irrigation flow control apparatus	(71) Royal Melbourne Institute of Technology (21) 2023904206 (22) 22.12.2023 (54) Metal structure and associated method	

Ray, P. see Campbell, B.L.

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(71) The University of Queensland
 (21) 2023904233 (22) 22.12.2023
 (54) Novel liposome formulation for antigen specific immune tolerance induction (ASITI) therapeutic tolerance

(71) The University of Sydney; Macquarie University
 (21) 2023904149 (22) 20.12.2023
 (54) A particle analyser

(71) The University of Sydney; Centenary Institute of Cancer Medicine and Cell Biology
 (21) 2023904160 (22) 20.12.2023
 (54) A directed evolution system

(71) THINKONE PTY LTD
 (21) 2023904173 (22) 21.12.2023
 (54) DOG TOY AND LEAD

(71) Thomas, S.
 (21) 2023904124 (22) 19.12.2023
 (54) Modular, interactive medication organiser and dispenser for children

(71) TIBAN ANRANGO, B.; CHEN, J.; NAIYA, M.
 (21) 2023904131 (22) 20.12.2023
 (54) Process for making Janus-type spherical cellulose nanoparticles

(71) TILYARD, J.
 (21) 2023904216 (22) 22.12.2023
 (54) GREY WATER HARVESTING SYSTEM

(71) Tonkin, A.
 (21) 2024900008 (22) 02.01.2024
 (54) Traffic signage cover

(71) Touchgrid Pty Ltd
 (21) 2023904188 (22) 21.12.2023
 (54) FLUID FLOW TIMER

(71) Treasury Wine Estates Limited
 (21) 2023904221 (22) 22.12.2023
 (54) Wine and process for its preparation

(71) Treasury Wine Estates Limited
 (21) 2023904222 (22) 22.12.2023
 (54) Mid-strength beverage and process for its preparation

(71) TRICK SHIFT PERFORMANCE PTY. LTD.
 (21) 2023904198 (22) 22.12.2023
 (54) SOLAR BATTERY SYSTEMS, METHODS AND INTERFACE MODULES

(71) trist, s.
 (21) 2024900005 (22) 02.01.2024
 (54) New Games for the Billiard Table

(71) Twyford, J.
 (21) 2023904196 (22) 22.12.2023
 (54) Internal wall sheet

Umekkan, D. see Foster, S.
 (21) 2023904189

(71) University of Wollongong
 (21) 2023904207 (22) 22.12.2023
 (54) HELICAL PILE

(71) Vasquez, A.
 (21) 2023904256 (22) 29.12.2023
 (54) SYSTEM AND METHOD FOR FACILITATING IDENTIFICATION OF REPUTABLE PET BREEDERS

(71) Veganic SKN Pty Ltd
 (21) 2024900002 (22) 02.01.2024
 (54) A pest repellent composition

(71) Vow Group Pty Ltd
 (21) 2023904252 (22) 28.12.2023
 (54) Palatable compositions

(71) WANG, S.
 (21) 2023904235 (22) 22.12.2023
 (54) A LIFTING SLING

(71) Xerqon Pty Ltd
 (21) 2023904146 (22) 20.12.2023
 (54) Metal Carbide – The Steel Effect in Non-Ferrous Metals

(71) Younger, L.
 (21) 2023904248 (22) 24.12.2023
 (54) Nitrile gloves with silicon outer for use with epoxy resin art creations and more

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2023904123	NewSouth Innovations Pty Limited	2023904190	La Trobe University
2023904124	Thomas, S.	2023904191	Leung, T.H.
2023904125	Starkey, T.	2023904192	GenX Energy Pty Ltd
2023904128	ResMed Pty Ltd	2023904193	ResMed Pty Ltd; ResMed Asia Pte. Ltd.
2023904130	Alzhtec Pty Ltd	2023904194	Commonwealth Scientific and Industrial Research Organisation
2023904131	TIBAN ANRANGO, B.; CHEN, J.; NAIYA, M.	2023904195	Nunhems B.V.
2023904132	NTHALMIC HOLDING PTY LTD	2023904196	Twyford, J.
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2023904138	Agnitek Pty Ltd	2023904202	Royal Melbourne Institute of Technology
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2023904146	Xerqon Pty Ltd	2023904210	Agriculture Victoria Services Pty Limited
2023904147	NTHALMIC HOLDING PTY LTD	2023904211	Myrio Therapeutics Pty Ltd
2023904148	NEUROMERSIV PTY LIMITED	2023904212	PYXTA PTY LTD
2023904149	The University of Sydney; Macquarie University	2023904213	ECO Garage Doors Pty Ltd
2023904150	Commonwealth Scientific and Industrial Research Organisation	2023904214	Open Star Technologies Limited
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2023904154	Icon23 Pty Ltd	2023904218	K F Group Pty Ltd
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2023904157	Jean Payette; Noelle Sunstrom; Frederique Sunstrum	2023904221	Treasury Wine Estates Limited
2023904158	Monash University	2023904222	Treasury Wine Estates Limited
2023904159	Green Lithium Industries Pty Ltd	2023904223	Systems IP Pty Ltd
2023904160	The University of Sydney; Centenary Institute of Cancer Medicine and Cell Biology	2023904224	Purifas Holdings Pty Ltd
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2023904163	El Antaki, M.	2023904227	Commonwealth Scientific and Industrial Research Organisation
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2023904168	Daemco Australia Pty Ltd	2023904232	Jade Australia Pty Ltd
2023904169	MooreGrp Pty Ltd	2023904233	The University of Queensland
2023904170	Resonance Health Analysis Services Pty Ltd	2023904234	My One Touch Pty Ltd
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2023904172	NEIGHBOURS, G.	2023904236	Jaloz Pty Ltd
2023904173	THINKONE PTY LTD	2023904237	Nunhems B.V.
2023904174	Minappi Pty Ltd	2023904238	NEWFANGLED TECH PTY LTD
2023904175	Gramele Industrial Holdings Pty Ltd (wholly owned subsidiary of Recce Pharmaceuticals Ltd)	2023904239	Minelab Electronics Pty. Limited
2023904176	Gale Pacific Limited	2023904240	Illinois Tool Works Inc.
2023904177	R.G.Wilson Pty Ltd	2023904241	Nebula
2023904178	La Trobe University	2023904242	NEIGHBOURS, G.
2023904179	Ivkoric, J.	2023904243	CRYPTO MASTERS PTY LTD
2023904180	Boross, F.	2023904244	Kennedy Technologies Limited
2023904181	Silicon Quantum Computing Pty Ltd.	2023904245	Red Automotive Technologies Pty Ltd
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2023904183	Illinois Tool Works Inc.	2023904248	Younger, L.
2023904184	Stronach, C.	2023904249	Maxwell and Higgs Pty Ltd
2023904185	South East Water Corporation	2023904250	Lam, T.T.
2023904186	InhaleRx Ltd	2023904251	Ovula Pty Ltd
2023904187	Resonait Medical Technologies Pty Ltd	2023904252	Vow Group Pty Ltd
		2023904253	Campbell, B.L.; Ray, P.

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2023904255	Saluda Medical Pty Ltd
2023904256	Vasquez, A.
2023904257	King Furniture Australia Pty Ltd
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2024900001	Faulkner, A.
2024900002	Veganic SKN Pty Ltd
2024900003	QOSO Pty Ltd
2024900004	Commonwealth Scientific and Industrial Research Organisation
2024900005	trist, s.
2024900006	Primary Sales Australia Pty Ltd
2024900007	Curia Ventures Pty Ltd
2024900008	Tonkin, A.
2024900009	Al Khateeb, W.
2024900010	The University of Adelaide

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Applications listed below were processed through the Patent Office Canberra during the period ending 26 Dec 2023 .

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

<hr/> <p>(71) 1854081 ONTARIO LTD. (21) 2023285882 (22) 21.12.2023 (54) Apparatus and method for preparing a blast hole in a rock face during a mining operation</p> <hr/> <p>(71) 3-D Matrix, Ltd. (21) 2023285888 (22) 21.12.2023 (54) Sterilization of self-assembling peptides by irradiation</p> <hr/> <p>(71) A.C.N. 169 569 537 PTY LTD (21) 2023286004 (22) 24.12.2023 (54) METHODS AND SYSTEMS FOR THE CREATION OF A TECHNOLOGICAL MARKETPLACE PLATFORM TO FACILITATE THE TRADE OF VARIABLE HOME EQUITY RELEASE.</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2023285856 (22) 21.12.2023 (54) Systems, devices, and methods for episode detection and evaluation</p> <hr/> <p>AbbVie Inc. see Calico Life Sciences LLC (21) 2024200013</p> <hr/> <p>Abmuno Therapeutics LLC see JN Biosciences, LLC (21) 2024200018</p> <hr/> <p>(71) Acciona Generación Renovable, S.A.; Fundación Circe-Centro de Investigación de Recursos y Consumos Energéticos (21) 2023285940 (22) 22.12.2023 (54) DEVICE FOR MONITORING UNDERGROUND CABLES</p> <hr/> <p>(71) Acres Technology (21) 2023285798 (22) 20.12.2023 (54) Outcome Determination Method for Gaming Device</p> <hr/> <p>(71) A-dec, Inc. (21) 2023285912 (22) 21.12.2023 (54) High speed communications network in dental equipment</p> <hr/>	<p>(71) ADGA Group Consultants Inc (21) 2023286000 (22) 22.12.2023 (54) System and method for virtual reality vehicle training field</p> <hr/> <p>(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2023285785 (22) 20.12.2023 (54) Manufacturing method of carbon-coated lithium iron phosphate material</p> <hr/> <p>AJ PARK see NUProtein Co., Ltd. (21) 2023285840</p> <hr/> <p>Alletto Jr., E. see Bedgear, LLC (21) 2023285864</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023285842 (22) 21.12.2023 (54) Casino system</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023285914 (22) 21.12.2023 (54) Counting gaming chips</p> <hr/> <p>(71) Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd (21) 2023286025 (22) 28.12.2023 (54) Bioheap leach</p> <hr/> <p>Anglo Corporate Services South Africa (Pty) Ltd see Anglo American Technical & Sustainability Services Ltd (21) 2023286025</p> <hr/> <p>(71) Apple Inc. (21) 2023285747 (22) 19.12.2023 (54) Devices, methods, and graphical user interfaces for navigating between user interfaces and interacting with control objects</p> <hr/> <p>(71) Apple Inc. (21) 2023285859 (22) 21.12.2023 (54) User interfaces for workout content</p> <hr/> <p>(71) Apple Inc. (21) 2023285892 (22) 21.12.2023 (54) User interfaces for managing media</p> <hr/>	<hr/> <p>(71) Apple Inc. (21) 2023285935 (22) 22.12.2023 (54) Providing relevant data items based on context</p> <hr/> <p>(71) Apple Inc. (21) 2023285970 (22) 22.12.2023 (54) Personal domain for a virtual assistant system on a communal device</p> <hr/> <p>(71) Apple Inc. (21) 2023285972 (22) 22.12.2023 (54) Clock faces for an electronic device</p> <hr/> <p>(71) Apple Inc. (21) 2023285975 (22) 22.12.2023 (54) Systems, methods, and user interfaces for headphone fit adjustment and audio output control</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2023285878 (22) 21.12.2023 (54) Simulated tissue structures and methods</p> <hr/> <p>(71) AppViewX Inc. (21) 2023285901 (22) 21.12.2023 (54) SYSTEM AND METHOD FOR ENABLING DYNAMIC REGROUPING OF ICONS ON A GUI WITHOUT REQUIRING RECONFIGURATION</p> <hr/> <p>(71) AppViewX Inc. (21) 2023285904 (22) 21.12.2023 (54) SYSTEM AND METHOD FOR PERFORMING TENANT PROVISIONING</p> <hr/> <p>(71) Araujo Dayrell, I. (21) 2023285821 (22) 20.12.2023 (54) INTEGRATED SYSTEM TO PRODUCE MICROALGAE</p> <hr/> <p>(71) Arch Biopartners, Inc. (21) 2023285759 (22) 19.12.2023 (54) DPEP-1 binding compositions and methods of use</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023285808 (22) 20.12.2023</p>
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(54) A GAMING DEVICE

(71) Aristocrat Technologies Australia Pty Limited
(21) 2023285809 (22) 20.12.2023
(54) A GAMING DEVICE

(71) Aristocrat Technologies Australia Pty Ltd
(21) 2023285777 (22) 20.12.2023
(54) GAMING SYSTEM WITH CREDIT PRESERVATION MANAGEMENT

(71) Arizona Board of Regents on behalf of Arizona State University
(21) 2023285826 (22) 21.12.2023
(54) SYSTEM AND METHOD FOR PASSIVE COLLECTION OF ATMOSPHERIC CARBON DIOXIDE

(71) Arlec Australia Pty Ltd
(21) 2023285989 (22) 22.12.2023
(54) Heated electric towel rail

(71) ARQ IP Limited
(21) 2023285781 (22) 20.12.2023
(54) Processes for utilisation of purified coal compositions as a chemical and thermal feedstock and cleaner burning fuel

(71) Arvinas, Inc.
(21) 2023285742 (22) 19.12.2023
(54) Compounds and methods for the targeted degradation of androgen receptor

(71) Arvinas Operations, Inc.
(21) 2023285744 (22) 19.12.2023
(54) Imide-based modulators of proteolysis and associated methods of use

(71) Ascendis Pharma Bone Diseases A/S
(21) 2023285850 (22) 21.12.2023
(54) PTH prodrugs

(71) Astrauskas, G.
(21) 2023285999 (22) 22.12.2023
(54) Suspended Tie Down Setup for Utility Vehicle Cargo Bays.

(71) Atheab, M.I.; Fakhurji, B.
(21) 2023285925 (22) 21.12.2023
(54) Method of Delivering Supplements Using Liposomes

(71) Athira Pharma, Inc.
(21) 2023285937 (22) 22.12.2023
(54) Compounds

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(21) 2023285851

(71) Auris Health, Inc.
(21) 2024200011 (22) 02.01.2024
(54) Process for percutaneous operations

(71) AVERY DENNISON CORPORATION
(21) 2023285739 (22) 19.12.2023
(54) Two stage methods for processing adhesives and related compositions

(71) BD Kiestra B.V.
(21) 2023285895 (22) 21.12.2023
(54) Automated method and system for obtaining and preparing microorganism sample for both identification and antibiotic susceptibility tests

(71) Becton, Dickinson and Company
(21) 2023285849 (22) 21.12.2023
(54) Smart wearable injection and/or infusion device

(71) Becton, Dickinson and Company
(21) 2023285868 (22) 21.12.2023
(54) Priming valve to induce appropriate pressure and flow profile and improve sensor readiness

(71) Bedgear, LLC; Alletto Jr., E.
(21) 2023285864 (22) 21.12.2023
(54) MATTRESS ASSEMBLY AND METHOD

(71) BEDGEAR, LLC
(21) 2023285986 (22) 22.12.2023
(54) Ambient Bed Having a Heat Reclaim System

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2023285763 (22) 20.12.2023
(54) PROCESSING METHOD, DEVICE AND SYSTEM FOR QUANTUM CLOUD COMPUTING, AND STORAGE MEDIUM

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2023285765 (22) 20.12.2023
(54) PROCESSING METHOD AND APPARATUS FOR QUANTUM MEASUREMENT AND CONTROL CHANNEL, DEVICE, AND STORAGE MEDIUM

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2023285930 (22) 22.12.2023

(54) Quantum random number generation method, apparatus and system, computing device and storage medium

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2023285953 (22) 22.12.2023
(54) METHOD AND APPARATUS OF PROCESSING QUANTUM NOISE CIRCUIT, DEVICE, AND STORAGE MEDIUM

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(21) 2023285822 (22) 20.12.2023
(54) Method, electronic device, and storage media for task scheduling

(71) Best 1 Pet Food Company Pty Ltd
(21) 2023285992 (22) 22.12.2023
(54) DOG FOOD MEAL AND USE THEREOF IN WEIGHT MANAGEMENT

(71) BioAtla, LLC
(21) 2023285905 (22) 21.12.2023
(54) Anti-Ror2 antibodies, antibody fragments, their immunoconjugates and uses thereof

(71) BioAtla, LLC
(21) 2023285915 (22) 21.12.2023
(54) Conditionally active polypeptides

(71) BiomEdit, LLC
(21) 2023285909 (22) 21.12.2023
(54) Probiotic compositions comprising Lactobacillus reuteri strains and methods of use

(71) Biomet Manufacturing, LLC
(21) 2023285973 (22) 22.12.2023
(54) IODINE-INFUSED ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE

(71) Blackhawk Network, Inc.
(21) 2024200015 (22) 02.01.2024
(54) System and method for providing a security code

(71) Bluescope Steel Limited
(21) 2023285918 (22) 21.12.2023
(54) PORTABLE RACKING SYSTEM AND RACKING FRAME THEREFOR

(71) Bluescope Steel Limited
(21) 2023285919 (22) 21.12.2023
(54) BARRIER SYSTEM AND GROUND-BASED RACKING SYSTEM

(71) Boston Scientific Scimed, Inc.
(21) 2023285768 (22) 20.12.2023

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(54) Penile prosthesis anchoring system

(71) Brien Holden Vision Institute Limited
(21) 2023286010 (22) 27.12.2023
(54) Lenses, devices, methods and systems for refractive error

(71) Calabrio, Inc.
(21) 2023285860 (22) 21.12.2023
(54) A system and method for automatically evaluating and scoring the quality of agent-customer interactions

(71) Calabrio, Inc.
(21) 2023285902 (22) 21.12.2023
(54) Systems and methods for event driver detection

(71) Calabrio, Inc.
(21) 2023285903 (22) 21.12.2023
(54) A system and method for optimizing location scheduling across multiple work environments

(71) Calabrio, Inc.
(21) 2023285996 (22) 22.12.2023
(54) System and method for identifying compliance statements from contextual indicators in content

(71) Calabrio, Inc.
(21) 2023286021 (22) 28.12.2023
(54) Agent engagement analyzer

(71) Calico Life Sciences LLC; AbbVie Inc.
(21) 2024200013 (22) 02.01.2024
(54) Prodrug modulators of the integrated stress pathway

(71) Canva Pty Ltd
(21) 2024200025 (22) 03.01.2024
(54) Systems and methods for creating editable documents

(71) Capital One Services, LLC
(21) 2023285934 (22) 22.12.2023
(54) Secure password generation and management using NFC and contactless smart cards

(71) Catalog Technologies, Inc.
(21) 2023285827 (22) 21.12.2023
(54) NUCLEIC ACID-BASED DATA STORAGE

(71) Chen, J.L.
(21) 2023286033 (22) 29.12.2023
(54) ROTATING PLUG

(71) Cheng, V.C.; Atichat, T.; Yuen, L.K.; Meyer Intellectual Properties Limited
(21) 2023285851 (22) 21.12.2023
(54) COOKWARE FOR SEARING

(71) Chifeng Hao Feng Drilling Co., Ltd.
(21) 2023285942 (22) 22.12.2023
(54) Hydraulic collapsible rotary stand for wireline coring underground drill rig

(71) China University of Mining and Technology
(21) 2023285877 (22) 21.12.2023
(54) METHOD FOR ELIMINATION OF OUTBURST OF COAL SEAMS BASED ON ENERGY UNIT CUTTING

(71) Chongqing Changan Automobile Co., Ltd
(21) 2024200007 (22) 02.01.2024
(54) Software Architecture Platform And Control Method For Autonomous Vehicle, Vehicle, And Medium

(71) Chongqing Changan Automobile Co., Ltd
(21) 2024200010 (22) 02.01.2024
(54) Vehicle Safety Control Method And Apparatus, Electronic Device, And Storage Medium

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285767 (22) 20.12.2023
(54) Lane line clustering method and system for crowdsourced map and storage medium

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285769 (22) 20.12.2023
(54) Vehicle risk avoidance method and system, vehicle and storage medium

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285771 (22) 20.12.2023
(54) Collection and transmission method of internet of vehicles data, vehicle cloud service platform, vehicle, and storage medium

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285772 (22) 20.12.2023
(54) Clustering method and system for road object element of crowdsourcing map, and storage medium

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285776 (22) 20.12.2023

(54) Whole vehicle software incremental upgrade method, system and vehicle

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285786 (22) 20.12.2023
(54) Method and apparatus for image and point cloud fusion

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285802 (22) 20.12.2023
(54) VIDEO ANONYMIZATION METHOD AND APPARATUS, ELECTRONIC DEVICE AND STORAGE MEDIUM

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285830 (22) 21.12.2023
(54) Communication system, method, vehicle and medium

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285836 (22) 21.12.2023
(54) Digital key generating system and method, vehicle unlocking method and apparatus, and device

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285881 (22) 21.12.2023
(54) Method and system for predicting power loss probability of vehicle, and cloud server

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285924 (22) 21.12.2023
(54) DATA PROCESSING METHOD AND APPARATUS, COMMUNICATION DEVICE, STORAGE MEDIUM, AND VEHICLE

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285944 (22) 22.12.2023
(54) Method and device for evaluating driving trajectory of vehicle without GPS signal

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285945 (22) 22.12.2023
(54) ACTION EXECUTION METHOD AND APPARATUS, DISTANCE DETERMINATION METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM

(71) Chongqing Changan Automobile Co., Ltd.
(21) 2023285985 (22) 22.12.2023

Complete Applications Filed - Name Index cont'd

(54) VEHICLE SLEEP AND WAKE-UP METHOD AND APPARATUS, VEHICLE AND STORAGE MEDIUM

(71) Chongqing Changan Automobile Co., Ltd.

(21) 2023285991 (22) 22.12.2023

(54) IN-VEHICLE INFOTAINMENT APPLICATION LOGIN METHOD, APPARATUS, DEVICE AND SYSTEM

(71) Chongqing Changan Automobile Co., Ltd.

(21) 2024200022 (22) 02.01.2024

(54) METHOD, APPRATUS AND DEVICE FOR VEHICLE DRIVING CONTROL, AND STORAGE MEDIUM

(71) CNH Industrial Australia Pty Limited

(21) 2023285993 (22) 22.12.2023

(54) Steering assembly for an agricultural vehicle

(71) Codexis, Inc.

(21) 2023285775 (22) 20.12.2023

(54) PENICILLIN-G ACYLASES

(71) Commonwealth Scientific and Industrial Research Organisation

(21) 2023285843 (22) 21.12.2023

(54) A monitor for a multi-parameter manufacturing process

(71) Compass Pathfinder Limited

(21) 2023285799 (22) 20.12.2023

(54) Preparation of psilocybin, different polymorphic forms, intermediates, formulations and their use

(71) Comrod AS

(21) 2023285756 (22) 19.12.2023

(54) SYSTEM FOR MONITORING A POWER DISTRIBUTION NETWORK AND METHODS OF BUILDING AND PERFORMING OPERATIONS ON SUCH SYSTEM

(71) ConMed Corporation

(21) 2023285983 (22) 22.12.2023

(54) Hip access portal saver

(71) conneXXion Nederland N.V.

(21) 2023285835 (22) 21.12.2023

(54) Method for optimizing the energy management of a fleet of electric transportation vehicles, more particularly a fleet of electric buses

(71) CRAYOLA LLC

(21) 2023285858 (22) 21.12.2023

(54) COLOR-CHANGE MARKING SYSTEM

(71) Creatv Microtech, Inc.

(21) 2023285752 (22) 19.12.2023

(54) Polymer microfiltration devices, methods of manufacturing the same and the uses of the microfiltration devices

(71) Cripps Clark, J.

(21) 2024200003 (22) 02.01.2024

(54) OrchHiFi is a block chain facility and devices to more robustly orchestrate data operations (with variations in time, space and other needs) from multiple different remote or local sources into potentially multiple different paths and or outcomes in a highly systematic and therefore more risk-assessable way.

(71) DALLAN S.P.A

(21) 2023285886 (22) 21.12.2023

(54) LINE FOR PRODUCING METAL PROFILES FOR PLASTERBOARD FALSE CEILINGS

(71) DALLAN S.P.A

(21) 2023285979 (22) 22.12.2023

(54) LINE FOR PRODUCING METAL PROFILES FOR PLASTERBOARD FALSE CEILINGS

(71) DALLAN S.P.A

(21) 2023285994 (22) 22.12.2023

(54) LINE FOR PRODUCING METAL PROFILES FOR PLASTERBOARD FALSE CEILINGS

(71) Deciphera Pharmaceuticals, LLC

(21) 2023286024 (22) 28.12.2023

(54) Ripretinib for treating gastrointestinal stromal tumors

(71) DEKA Products Limited Partnership

(21) 2023285908 (22) 21.12.2023

(54) SYSTEM AND APPARATUS FOR ELECTRONIC PATIENT CARE

(71) DEKA Products Limited Partnership

(21) 2023285928 (22) 22.12.2023

(54) SYSTEM, METHOD, AND APPARATUS FOR MONITORING, REGULATING, OR CONTROLLING FLUID FLOW

(71) Dendo Systems Pty Ltd

(21) 2023285988 (22) 22.12.2023

(54) A CURTAIN APPARATUS

(71) Dicosola, M.

(21) 2023286039 (22) 31.12.2023

(54) AIML SMART VERTIPOINT IN A BOX AUTONOMOUS MULTIMODAL PHYS-

ICAL AND DIGITAL INFRASTRUCTURE

(71) Drillcube Pty Ltd

(21) 2023285967 (22) 22.12.2023

(54) Friction bolt

(71) DUSA Pharmaceuticals, Inc.

(21) 2023285927 (22) 22.12.2023

(54) ADJUSTABLE ILLUMINATORS AND METHODS FOR PHOTODYNAMIC THERAPY AND DIAGNOSIS

(71) Ecolab USA Inc.

(21) 2023285792 (22) 20.12.2023

(54) Method of monitoring peracid concentrations by conductivity measurements and peracid composition

(71) Ecolab USA Inc.

(21) 2023285894 (22) 21.12.2023

(54) MATERIAL SUPPLY SYSTEM WITH VALVE ASSEMBLY WITH IMPROVED SEALING CAPABILITIES

(71) EHJ IP Limited

(21) 2023285889 (22) 21.12.2023

(54) Ginseng compositions

(71) E Ink Corporation

(21) 2023285764 (22) 20.12.2023

(54) METHOD OF APPLYING A PATTERN, AND SECURITY DEVICE FOR AN ARTICLE

(71) Eisai R&D Management Co., Ltd.

(21) 2023285804 (22) 20.12.2023

(54) Eribulin-based antibody-drug conjugates and methods of use

(71) Eli Lilly and Company

(21) 2023285966 (22) 22.12.2023

(54) Methods And Apparatus For Aspects Of A Dose Detection System

(71) Encoded Therapeutics, Inc.

(21) 2023285810 (22) 20.12.2023

(54) Engineered DNA binding proteins

(71) ERIS TECHNOLOGY PTY LTD

(21) 2023286028 (22) 29.12.2023

(54) PAYMENT METHOD AND SYSTEM

(71) eSat Global, Inc.

(21) 2023285800 (22) 20.12.2023

(54) Low data volume satellite communication system

Complete Applications Filed - Name Index cont'd

(71) Expedia, Inc.
(21) 2023285956 (22) 22.12.2023
(54) Multi-model timeseries forecasting of set-level variables

(71) Expedia, Inc.
(21) 2023285961 (22) 22.12.2023
(54) Travel-specific natural language processing system

(71) Expedia, Inc.
(21) 2023286017 (22) 28.12.2023
(54) Intelligent recommendations based on multimodal inputs

(71) ExRobotics B.V.
(21) 2023286015 (22) 28.12.2023
(54) Improvements to position detection and navigation apparatus for a guided robotic machine or vehicle

Fakhurji, B. see Atheab, M.I.
(21) 2023285925

(71) Fasteners for Retail, Inc.
(21) 2023285853 (22) 21.12.2023
(54) ANTI-THEFT PUSHER WITH INCREMENTAL DISTANCE DETECTION

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2023285780 (22) 20.12.2023
(54) MEDICAL TUBES FOR RESPIRATORY SYSTEMS

(71) Fisher and Paykel Healthcare Limited
(21) 2023285734 (22) 19.12.2023
(54) Gas therapy system

(71) Fortescue Metals Group Ltd
(21) 2023285957 (22) 22.12.2023
(54) Apparatus and method for processing iron ore

(71) Fraser, M.
(21) 2023285933 (22) 22.12.2023
(54) A SAIL

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2023286009 (22) 27.12.2023
(54) Apparatus, method and computer program for encoding an audio signal or for decoding an encoded audio scene

(71) Fresh Health Inc.
(21) 2023285741 (22) 19.12.2023
(54) Systems and methods for personalized oral irrigation

Fundación Circe-Centro de Investigación de Recursos y Consumos Energéticos see Acciona Generación Renovable, S.A.
(21) 2023285940

(71) Galmed Research and Development Ltd.
(21) 2023285907 (22) 21.12.2023
(54) TREATMENT FOR FIBROSIS

(71) Gates Corporation
(21) 2023285926 (22) 22.12.2023
(54) PRESSURE HOSE

(71) Genovie AB
(21) 2023285982 (22) 22.12.2023
(54) An engineered two-part cellular device for discovery and characterisation of T-cell receptor interaction with cognate antigen

(71) Genovie AB
(21) 2023285984 (22) 22.12.2023
(54) An engineered two-part cellular device for discovery and characterisation of T-cell receptor interaction with cognate antigen

(71) Genzyme Corporation
(21) 2023285817 (22) 20.12.2023
(54) AAV vectors for retinal and CNS gene therapy

(71) GeoQuest Systems B.V.
(21) 2023285731 (22) 19.12.2023
(54) Augmented geological service characterization

(71) GeoQuest Systems B.V.
(21) 2023285757 (22) 19.12.2023
(54) Geophysical deep learning

(71) Gilead Sciences, Inc.
(21) 2023285784 (22) 20.12.2023
(54) Methods of preparing 1'-cyano nucleosides

(71) Gilead Sciences, Inc.
(21) 2023286038 (22) 30.12.2023
(54) Polycyclic-carbamoylpyridone compounds and their pharmaceutical use

GILL, D. see Morrow, D.
(21) 2023285820

(71) Golden Solar (Quanzhou) New Energy Technology Co., Ltd.
(21) 2024200024 (22) 03.01.2024

(54) Non solder pad ultrafine main busbar back-contact solar cell, back-contact solar cell module and preparation method thereof

(71) Gongwin Biopharm Co., Ltd
(21) 2023285788 (22) 20.12.2023
(54) Method for treating peripheral nerve sheath tumor

(71) Goodrich, D.
(21) 2023285943 (22) 22.12.2023
(54) Extensible paper and its use in the production of expanded slit packaging wrap and void fill products

(71) Google LLC
(21) 2023285952 (22) 22.12.2023
(54) BATCH NORMALIZATION LAYERS

(71) Google LLC
(21) 2023286002 (22) 23.12.2023
(54) FLUX QUBIT READOUT OF TRANSMON QUBITS

(71) HeliMods Pty Ltd
(21) 2023285801 (22) 20.12.2023
(54) STRETCHER LOADING ASSEMBLY

(71) Howmedica Osteonics Corp.
(21) 2023285865 (22) 21.12.2023
(54) Modular humeral head

(71) Howmedica Osteonics Corp.
(21) 2023285959 (22) 22.12.2023
(54) Virtual guidance for orthopedic surgical procedures

(71) Huawei Technologies Co., Ltd.
(21) 2023286019 (22) 28.12.2023
(54) Time delay estimation method and device

(71) Hunter Douglas, Inc.
(21) 2023286006 (22) 27.12.2023
(54) Motorized shutter assembly

(71) IDEXX Laboratories Inc.
(21) 2023286023 (22) 28.12.2023
(54) Laser optics assembly of flow cytometer

(71) Illinois Tool Works Inc.
(21) 2023285787 (22) 20.12.2023
(54) Load transfer plate pocket and method of employing same

(71) Illinois Tool Works Inc.
(21) 2023285839 (22) 21.12.2023

Complete Applications Filed - Name Index cont'd

(54) Screw

(71) Illinois Tool Works Inc.
(21) 2023285977 (22) 21.12.2023
(54) Fastener-driving tool with chamber member retaining assembly

(71) Implantica Patent Ltd
(21) 2023285917 (22) 21.12.2023
(54) Device and Method for Embryo Control

(71) Industrial Technology Research Institute
(21) 2023285885 (22) 21.12.2023
(54) METHOD FOR IMPROVING PURITY OF IRON ORE

(71) Insulet Corporation
(21) 2023285929 (22) 22.12.2023
(54) Compensation for missing readings from a glucose monitor in an automated insulin delivery system

(71) Integrated DNA Technologies, Inc.
(21) 2023285794 (22) 20.12.2023
(54) Lachnospiraceae bacterium ND2006 Cas12a mutant genes and polypeptides encoded by same

(71) Inter Earth Pty Ltd
(21) 2023285990 (22) 22.12.2023
(54) A Continuous Harvester Machine

(71) Intervet International B.V.
(21) 2023285870 (22) 21.12.2023
(54) Antagonistic anti-canine PD-1 antibodies

(71) Intuit Inc.
(21) 2023285938 (22) 22.12.2023
(54) Custom report builder

(71) iProov Limited
(21) 2023286034 (22) 29.12.2023
(54) BIOMETRIC METHODS FOR ONLINE USER AUTHENTICATION

(71) iProov Limited
(21) 2023286035 (22) 29.12.2023
(54) BIOMETRIC METHODS FOR ONLINE USER AUTHENTICATION

(71) Itron, Inc.
(21) 2023285884 (22) 21.12.2023
(54) Smooth distribution of datasets in a mesh network

(71) JIANGMEN CITY SHENGDA LIGHTING CO., LTD.
(21) 2023286036 (22) 29.12.2023
(54) LIGHT BODY CONNECTING STRUCTURE, LAMPSHADE, STRING LIGHT, AND ASSEMBLING METHOD OF STRING LIGHT

(71) Jiangsu Chiatai Qingjiang Pharmaceutical Co., Ltd.
(21) 2023285760 (22) 19.12.2023
(54) Quinoline Mercaptoacetate Sulfonamide Derivative, Intermediate, Pharmaceutical Derivative Or Formulation, And Preparation Method And Use Therefor

(71) JIANGSU OPPEAL DAILY COSMETICS CORP., LTD.
(21) 2023285913 (22) 21.12.2023
(54) SOAP DISPENSER

(71) Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
(21) 2023285923 (22) 21.12.2023
(54) PHOTOVOLTAIC MODULE

(71) JINKO SOLAR (HAINING) CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2023286016 (22) 28.12.2023
(54) METHOD FOR MANUFACTURING PHOTOVOLTAIC MODULE AND PHOTOVOLTAIC MODULE

(71) JN Biosciences, LLC; Abmuno Therapeutics LLC
(21) 2024200018 (22) 02.01.2024
(54) Antibodies to TIGIT

(71) JOHNSON, K.
(21) 2024200023 (22) 02.01.2024
(54) A heat pack

(71) Kingsway Enterprises (UK) Limited
(21) 2023285797 (22) 20.12.2023
(54) Door system

(71) Klotho Therapeutics, Inc.
(21) 2023285852 (22) 21.12.2023
(54) Novel recombinant Klotho proteins and compositions and methods involving the same

Komatsu Ltd. see Toyota Jidosha Kaishiki Kaisha
(21) 2023285910

(71) Krueger Transport Equipment Pty Ltd
(21) 2023285955 (22) 22.12.2023
(54) Barrier Assembly

(71) Krystal Biotech, Inc.
(21) 2023285844 (22) 21.12.2023
(54) Recombinant nucleic acids encoding cosmetic protein(s) for aesthetic applications

Kyocera Corporation see The University of Tokyo
(21) 2023285899

(71) Lakewood Amedex, Inc.
(21) 2023285791 (22) 20.12.2023
(54) Antimicrobial compounds, compositions, and uses thereof

(71) Leica Biosystems Melbourne Pty Ltd
(21) 2023285954 (22) 22.12.2023
(54) SAMPLE PROCESSING ASSEMBLY

(71) Levitex Foams Limited
(21) 2023285949 (22) 22.12.2023
(54) Polyurethane foam

(71) LG Electronics Inc.
(21) 2023286008 (22) 27.12.2023
(54) Refrigerator

(71) LIFETIME PRODUCTS, INC.
(21) 2023285958 (22) 22.12.2023
(54) Cooking device having heat sources in a stacked arrangement

(71) LOAM BIO PTY LTD
(21) 2023286026 (22) 28.12.2023
(54) METHODS FOR CARBON CAPTURE AND INCREASING YIELD OF PLANTS

(71) LumaCyte LLC
(21) 2023286012 (22) 27.12.2023
(54) Microfluidic chip device for optical force measurements and cell imaging using microfluidic chip configuration and dynamics

(71) Macdonald, J.
(21) 2023285805 (22) 20.12.2023
(54) A method to generate marine clouds for albedo cooling using boiled seawater and salt particles

(71) Maco Pharma
(21) 2023285974 (22) 22.12.2023
(54) DEVICE FOR WELDING A FLEXIBLE MEDICAL TUBE

(71) MAKO Surgical Corp.
(21) 2023285981 (22) 22.12.2023
(54) Techniques for detecting errors or loss of accuracy in a surgical robotic system

Complete Applications Filed - Name Index cont'd

MALUVA ENGINEERING see SMEDLEY'S ENGINEERS PTY LTD
(21) 2023285946

(71) malyshev, o.
(21) 2023286037 (22) 30.12.2023
(54) INVENTION OF PINTIES

(71) Manitou Italia S.r.l.
(21) 2023285861 (22) 21.12.2023
(54) Portable charger device for telehandler

(71) Manitou Italia S.r.l.
(21) 2023285862 (22) 21.12.2023
(54) Telehandler with automatic recognition of energy sources

(71) Manitou Italia S.r.l.
(21) 2023285911 (22) 21.12.2023
(54) Energy management system in an electric telehandler

(71) MarvelBiome, Inc.
(21) 2023285750 (22) 19.12.2023
(54) Microbial Compositions Comprising El-lagitannin And Methods Of Use

(71) MAX CO., LTD.
(21) 2023285960 (22) 22.12.2023
(54) CUTTING DEVICE

(71) MAX CO., LTD.
(21) 2023285962 (22) 22.12.2023
(54) CUTTING DEVICE

(71) MAX CO., LTD.
(21) 2023285963 (22) 22.12.2023
(54) CUTTING DEVICE

(71) MAX CO., LTD.
(21) 2023285964 (22) 22.12.2023
(54) CUTTING DEVICE

(71) MAX CO., LTD.
(21) 2023285965 (22) 22.12.2023
(54) CUTTING DEVICE

(71) MAX CO., LTD.
(21) 2023285968 (22) 22.12.2023
(54) BINDING MACHINE

(71) Maytronics Ltd.
(21) 2023285746 (22) 19.12.2023
(54) Prediction of water parameters based on multivariate regression trees estimation

(71) MedImmune Limited
(21) 2023285832 (22) 21.12.2023
(54) CHIMERIC PROTEIN COMPOSED OF NGF ANTAGONIST DOMAIN AND A TNFA ANTAGONIST DOMAIN

(71) Memorial Sloan-Kettering Cancer Center
(21) 2024200020 (22) 02.01.2024
(54) Cancer antigen targets and uses thereof

Meyer Intellectual Properties Limited see Cheng, V.C.
(21) 2023285851

(71) Morrow, D.; GILL, D.
(21) 2023285820 (22) 20.12.2023
(54) Intraruminal device

(71) Nanoeear Corporation, Inc.
(21) 2023285948 (22) 22.12.2023
(54) Hearing aid implant recharging system

(71) NEOSENS AUSTRALIA PTY LTD
(21) 2023286032 (22) 29.12.2023
(54) IMPROVED TYRE PRESSURE SENSOR

(71) New-Tec Integration (Xiamen) Co., Ltd.
(21) 2023285939 (22) 22.12.2023
(54) COVER, ELASTIC PAD AND FURNITURE

(71) New York University; PureTech Health, LLC
(21) 2023285898 (22) 21.12.2023
(54) Anti-Galectin-9 antibodies and uses thereof

(71) Nicoventures Trading Limited
(21) 2023286027 (22) 28.12.2023
(54) A control device for an electronic aerosol provision system

(71) Nimbus Cloud IPCO Pty Ltd
(21) 2023285869 (22) 21.12.2023
(54) TELEPHONY SOFTWARE CONTROL VIA WEB APPLICATION

(71) Ningbo Poolstar Pool Products Co., Ltd.
(21) 2023285931 (22) 22.12.2023
(54) Electric robot

(71) Nordic Minesteel Technologies Inc.
(21) 2023285790 (22) 20.12.2023
(54) Telescoping jack for lifting large capacity trucks

(71) Nuheara IP Pty Ltd
(21) 2023285803 (22) 20.12.2023
(54) AN AUDIO TRANSMITTER

(71) Nunhems B.V.
(21) 2023285736 (22) 19.12.2023
(54) Tomato variety NUN 08801 TOF

(71) Nunhems B.V.
(21) 2023285743 (22) 19.12.2023
(54) Tomato variety NUN 09399 TOF

(71) Nunhems B.V.
(21) 2023285847 (22) 21.12.2023
(54) Lettuce variety NUN 06304 LTL

(71) Nunhems B.V.
(21) 2023285857 (22) 21.12.2023
(54) Lettuce variety NUN 06340 LTL

(71) Nunhems B.V.
(21) 2023285863 (22) 21.12.2023
(54) Lettuce variety NUN 06346 LTL

(71) Nunhems B.V.
(21) 2023285893 (22) 21.12.2023
(54) Lettuce variety NUN 09209 LTL

(71) Nunhems B.V.
(21) 2023285906 (22) 21.12.2023
(54) Lettuce variety NUN 09199 LTL

(71) NUProtein Co., Ltd.; AJ PARK
(21) 2023285840 (22) 21.12.2023
(54) TRANSLATION ENHANCER, TRANSLATION TEMPLATE MRNA, TRANSCRIPTION TEMPLATE DNA, METHOD OF PRODUCING TRANSLATION TEMPLATE MRNA, AND METHOD OF PRODUCING PROTEIN

(71) NuVasive, Inc.
(21) 2023285978 (22) 22.12.2023
(54) AUTOMATED PEDICLE SCREW PLANNING

(71) NXT Building System Pty Ltd
(21) 2023285770 (22) 20.12.2023
(54) A non-structural wall

(71) NXT Building System Pty Ltd
(21) 2023286011 (22) 27.12.2023
(54) BUILDING SYSTEM

(71) ORTHONU, LLC
(21) 2023285971 (22) 22.12.2023
(54) Orthodontic Tools and Storage Case

Complete Applications Filed - Name Index cont'd

(71) Oxleigh Recycling Technologies Pty Ltd
(21) 2023285789 (22) 20.12.2023
(54) A method of extracting valuable metals from battery waste

(71) Packsize LLC
(21) 2023285818 (22) 20.12.2023
(54) Balancing load among operational system zones

(71) Pentair Water Pool and Spa, Inc.
(21) 2023285980 (22) 22.12.2023
(54) Automatic discovery of pool pad equipment system and method

(71) Pentair Water Pool and Spa, Inc.
(21) 2023286005 (22) 27.12.2023
(54) Auto-configuration of aquatic equipment

(71) Pentair Water Pool and Spa, Inc.
(21) 2023286029 (22) 29.12.2023
(54) Integrated pool pad equipment

(71) Perry, S.C.
(21) 2024200009 (22) 02.01.2024
(54) Rodenticide

(71) Phos Global Energy Solutions, Inc.
(21) 2023285829 (22) 21.12.2023
(54) Mechanical Renewable Green Energy Production

(71) PLUG POWER INC.
(21) 2024200004 (22) 02.01.2024
(54) Systems and Methods for Operating a Fuel Cell

(71) Pratt Corrugated Holdings, Inc.
(21) 2023285879 (22) 21.12.2023
(54) Insulated Block Packaging Assembly

(71) Pratt Retail Specialties, LLC
(21) 2023285920 (22) 21.12.2023
(54) Modular Box Assembly

(71) Printed Energy Pty Ltd
(21) 2023286018 (22) 28.12.2023
(54) Diatomaceous energy storage devices

(71) Pro-Dex, Inc.
(21) 2023286020 (22) 28.12.2023
(54) ARTICULATING TOOL FOR ENDOSCOPIC PLACEMENT OF FASTENERS

(71) Proinvex Urban S.L
(21) 2023285779 (22) 20.12.2023

(54) FOOTWEAR SOLE WITH ROPE WALL AND METHOD OF MANUFACTURE

(71) Psilo Scientific Ltd
(21) 2023285751 (22) 19.12.2023
(54) Powdered Composition Containing a Mushroom Extract Comprising a Psychoactive Alkaloid

(71) Pulnovo Medical (Wuxi) Co., Ltd.
(21) 2023286013 (22) 27.12.2023
(54) MULTI-POLE SYNCHRONOUS PULMONARY ARTERY RADIOFREQUENCY ABLATION CATHETER

PureTech Health, LLC see New York University
(21) 2023285898

(71) Qvinci Software, LLC
(21) 2023286003 (22) 24.12.2023
(54) Methods and apparatus for providing data normalization, scalability and maintainability

(71) Radius Pharmaceuticals, Inc.
(21) 2023286007 (22) 27.12.2023
(54) Estrogen receptor-modulating compounds

(71) Raygen Resources Pty Ltd
(21) 2023285841 (22) 21.12.2023
(54) LOW COST DISPATCHABLE SOLAR POWER

(71) Red Meters LLC
(21) 2023285774 (22) 20.12.2023
(54) Methods for designing a flow conduit and apparatus that measures deflection at multiple points to determine flow rate

(71) Regeneron Pharmaceuticals, Inc.
(21) 2023285891 (22) 21.12.2023
(54) COMPOSITIONS AND METHODS FOR INTERNALIZING ENZYMES

(71) Regents of the University of Minnesota
(21) 2023285795 (22) 20.12.2023
(54) CHIMERIC ANTIGEN RECEPTORS, COMPOSITIONS, AND METHODS

(71) Rembiotics Pty Ltd
(21) 2023285828 (22) 21.12.2023
(54) Compositions comprising fungal bioactive compounds, and related apparatus and methods to treat, ameliorate or prevent depression or diseases and/or conditions with allergic responses

(71) Repost Limited
(21) 2024200002 (22) 02.01.2024
(54) Fastener Extractor

(71) ResMed Pty Ltd
(21) 2023285738 (22) 19.12.2023
(54) Patient Interface

(71) Respiration Pharmaceuticals Pty Ltd
(21) 2023285900 (22) 21.12.2023
(54) Method For Reducing Lung Infection

(71) Roiron, J.
(21) 2023285748 (22) 19.12.2023
(54) Syringe with a Conformable Handle

(71) Ryan Francis Limited
(21) 2023285936 (22) 22.12.2023
(54) A BRACKET FOR A LADDER AND AN ASSEMBLY FOR SAME

(71) Sage Therapeutics, Inc.
(21) 2023285755 (22) 19.12.2023
(54) Neuroactive steroids, compositions, and uses thereof

(71) Sage Therapeutics, Inc.
(21) 2023285947 (22) 22.12.2023
(54) Compositions and methods for treating CNS disorders

(71) Sage Therapeutics, Inc.
(21) 2023286014 (22) 28.12.2023
(54) Oxysterols and methods of use thereof

Salubris (Chengdu) Biotech Co., Ltd. see Salubris Biotherapeutics, Inc.
(21) 2023285793

(71) Salubris Biotherapeutics, Inc.; Salubris (Chengdu) Biotech Co., Ltd.
(21) 2023285793 (22) 20.12.2023
(54) Human neuregulin-1 (NRG-1) recombinant fusion protein compositions and methods of use thereof

(71) Samsung Electronics Co., Ltd.
(21) 2023285833 (22) 21.12.2023
(54) VIDEO DECODING METHOD AND APPARATUS AND VIDEO ENCODING METHOD AND APPARATUS

(71) SCALEOP OÜ
(21) 2023285766 (22) 20.12.2023
(54) A CABLE FEEDING UNIT FOR A SHORE CABLE MANAGEMENT SYSTEM

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(71) Schlage Lock Company LLC
(21) 2024200017 (22) 02.01.2024
(54) INTERNET OF THINGS LOCK MODULE

(71) Schneider Electric Industries SAS
(21) 2023285819 (22) 20.12.2023
(54) MOUNTING BRACKET AND SENSOR ASSEMBLY

(71) Schneider Electric Systems USA, Inc.
(21) 2024200005 (22) 02.01.2024
(54) UNIFIED DYNAMIC CONTROLLER FOR POWER AND PROCESS APPLICATIONS

(71) Schneider Electric USA, Inc.
(21) 2023285837 (22) 21.12.2023
(54) AUTOMATED CYPHER CONFIGURATION OF INDUSTRIAL DEVICES

(71) SeedMaster Manufacturing Ltd.
(21) 2023285896 (22) 21.12.2023
(54) Implement operating apparatus

(71) Selecta Biosciences, Inc.
(21) 2024200012 (22) 02.01.2024
(54) REPEATED ADMINISTRATION OF NON-IMMUNOSUPPRESSIVE ANTIGEN-SPECIFIC IMMUNOTHERAPEUTICS

(71) ServiceNow, Inc.
(21) 2023285916 (22) 21.12.2023
(54) LOG CLUSTERING FOR GUIDED ROOT CAUSE ANALYSIS

(71) Shanghai Meiyue Biotech Development Co., Ltd.
(21) 2024200019 (22) 02.01.2024
(54) Complement factor B inhibitor, and pharmaceutical composition thereof, preparation method therefor and use thereof

(71) Shanghai Quluying Outdoor Products Co., Ltd
(21) 2023285997 (22) 22.12.2023
(54) WIREDRAWING INFLATABLE MATTRESS AND MANUFACTURING METHOD THEREOF

Shanghai Sanme Mining Machinery Co., Ltd see Zhengzhou Yifan Machinery Co., Ltd
(21) 2023285806

(71) Sharp, D.A.
(21) 2023285883 (22) 21.12.2023
(54) Belt alignment system with dual guide rollers and having middle pivoting roller

(71) ShinMaywa Industries, Ltd.
(21) 2023285846 (22) 21.12.2023
(54) Dump truck

(71) Siemens Medical Solutions USA, Inc.
(21) 2023285890 (22) 21.12.2023
(54) Mini-spect as dosimeter

(71) SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING
(21) 2023285946 (22) 22.12.2023
(54) METHOD AND APPARATUS FOR MEASURING AND LOGGING THE PERFORMANCE OF A VEHICLE SUSPENSION SYSTEM

(71) Spann, M.
(21) 2023285998 (22) 22.12.2023
(54) Portable Hydrogen Gas Stove (Hydro Stove)

(71) Sprint Bioscience AB
(21) 2023285995 (22) 22.12.2023
(54) Morpholinylpyridone Compounds

(71) STEWART, H.
(21) 2023285897 (22) 21.12.2023
(54) IMPROVED WHEELIE BIN

(71) Superoperator Oy
(21) 2023285824 (22) 21.12.2023
(54) SYSTEM FOR CONTROLLING A SERVICE STATION RELATED TO A VEHICLE

(71) Takeda Pharmaceutical Company Limited
(21) 2023285783 (22) 20.12.2023
(54) Antibody-resin coupling apparatus and methods

(71) Techtronic Cordless GP
(21) 2023285758 (22) 19.12.2023
(54) Fan shroud and fan assembly having fan shroud

(71) Teleflex Medical Incorporated
(21) 2023285825 (22) 21.12.2023
(54) STYLET WITH IMPROVED THREADABILITY

(71) Tempus Labs, Inc.
(21) 2023285762 (22) 19.12.2023
(54) Multimodal Cardio Disease State Predictions Combining Electrocardiogram, Echocardiogram, Clinical And Demographic Information Relating To A Patient

(71) Tencent America LLC
(21) 2023285834 (22) 21.12.2023
(54) DECODED PICTURE BUFFER MANAGEMENT FOR VIDEO CODING

(71) Terumo Kabushiki Kaisha
(21) 2023286040 (22) 31.12.2023
(54) MEDICAL DEVICE AND METHOD FOR MANUFACTURING SAME

(71) The Boeing Company
(21) 2023285733 (22) 19.12.2023
(54) Systems and methods to identify cargo

(71) The Children's Hospital of Philadelphia
(21) 2024200001 (22) 01.01.2024
(54) VARIANT AAV AND COMPOSITIONS, METHODS AND USES FOR GENE TRANSFER TO CELLS, ORGANS AND TISSUES

(71) The NOCO Company
(21) 2023285753 (22) 19.12.2023
(54) A rechargeable jump starting device having a highly electrically conductive cable connecting device

(71) The NOCO Company
(21) 2023285796 (22) 20.12.2023
(54) Rechargeable battery jump starting device and battery frame

(71) The Trustees of the University of Pennsylvania
(21) 2024200000 (22) 01.01.2024
(54) Methods and compositions for gene editing in hematopoietic stem cells

(71) The Trustees of the University of Pennsylvania
(21) 2024200014 (22) 02.01.2024
(54) Improved vaccines and methods for using the same

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2023285735 (22) 19.12.2023
(54) Methods of isolating T cells having antigenic specificity for a cancer-specific mutation

(71) The University of Melbourne
(21) 2023285845 (22) 21.12.2023
(54) Endovascular device for sensing and or stimulating tissue

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(71) The University of Tokyo; Kyocera Corporation
 (21) 2023285899 (22) 21.12.2023
 (54) Estimation apparatus, estimation system, and estimation program

(71) Thomson, J.
 (21) 2023285976 (22) 22.12.2023
 (54) Motorcycle braking arrangement

(71) Titan Stability Solutions Pty Ltd
 (21) 2023285778 (22) 20.12.2023
 (54) Bracket assembly for a jack

(71) TITAN Umreifungstechnik GmbH & Co. KG
 (21) 2024200006 (22) 02.01.2024
 (54) Strapping tool

(71) Tomofun Co., Ltd.
 (21) 2023286030 (22) 29.12.2023
 (54) Interactive device for pets

(71) Tout, A.
 (21) 2023285848 (22) 21.12.2023
 (54) The Revaporative Air Conditioning system

(71) Toyota Jidosha Kabushiki Kaisha; Kوماتsu Ltd.
 (21) 2023285910 (22) 21.12.2023
 (54) Traveling control system

(71) Transportation IP Holdings, LLC
 (21) 2023285875 (22) 21.12.2023
 (54) PANTOGRAPH-BASED VEHICLE GUIDANCE SYSTEM AND METHOD

(71) Transportation IP Holdings, LLC
 (21) 2023285876 (22) 21.12.2023
 (54) RAILWAY ANCHOR APPLICATION TOOL

(71) Tsao, Y.
 (21) 2023285854 (22) 21.12.2023
 (54) WINDSHIELD WASHER RESERVOIR

(71) Tsao, Y.
 (21) 2023285855 (22) 21.12.2023
 (54) WEIGHT MEASURING APPARATUS

(71) Turnbull Infrastructure & Utilities Limited
 (21) 2023285932 (22) 22.12.2023
 (54) Pipe repair

(71) UPFIELD EUROPE B.V.
 (21) 2023285740 (22) 19.12.2023
 (54) Structuring fats

(71) UPFIELD EUROPE B.V.
 (21) 2023285749 (22) 19.12.2023
 (54) Structuring fats

(71) ViaCyte, Inc.
 (21) 2023285823 (22) 21.12.2023
 (54) ENCAPSULATION OF PANCREATIC CELLS DERIVED FROM HUMAN PLURIPOTENT STEM CELLS

(71) W. L. Gore & Associates, Inc.
 (21) 2023285950 (22) 22.12.2023
 (54) Balloon delivery device for a light activable treatment media

(71) Wayne State University
 (21) 2024200016 (22) 02.01.2024
 (54) IDENTIFICATION OF MUTATIONS IN CHANNELOPSIN VARIANTS HAVING IMPROVED LIGHT SENSITIVITY AND METHODS OF USE THEREOF

(71) Whirlpool Corporation
 (21) 2023286022 (22) 28.12.2023
 (54) Removable Cooking Vessel Heater Safety Lock System With Status Indicator

(71) Wilcox Industries Corp.
 (21) 2023285761 (22) 19.12.2023
 (54) Battery System For Helmet Mount Assembly

(71) Wix.com Ltd.
 (21) 2023285951 (22) 22.12.2023
 (54) System and method for third party application activity data collection

(71) Wonderland Switzerland AG
 (21) 2023285807 (22) 20.12.2023
 (54) Wheeled carrying apparatus

(71) WOODSIDE ENERGY TECHNOLOGIES PTY LTD
 (21) 2023285726 (22) 19.12.2023
 (54) SYSTEM AND METHOD FOR CONVERTING GASEOUS CARBON COMPOUNDS TO CARBON NEUTRAL OR NEGATIVE PRODUCTS

(71) Wuhan Neuropth Biotechnology Limited Company
 (21) 2023285773 (22) 20.12.2023
 (54) Compositions and methods for treating Leber's hereditary optic neuropathy

(71) Xefco Pty Ltd
 (21) 2023285969 (22) 22.12.2023

(54) Substrate with deposition and/or friction reduction coating

(71) YCS Group, LLC
 (21) 2024200008 (22) 02.01.2024
 (54) MANAGING VENDOR OFFERS

(71) Yuan Mei Corp.
 (21) 2023285831 (22) 21.12.2023
 (54) Pipeline structure with valve

Yuen, L.K. see Cheng, V.C.
 (21) 2023285851

(71) ZAZZLE INC.
 (21) 2023285811 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS

(71) ZAZZLE INC.
 (21) 2023285812 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS

(71) ZAZZLE INC.
 (21) 2023285813 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS

(71) ZAZZLE INC.
 (21) 2023285814 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS

(71) ZAZZLE INC.
 (21) 2023285815 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS

(71) ZAZZLE INC.
 (21) 2023285816 (22) 20.12.2023
 (54) GENERATING AND DETERMINING ADDITIONAL CONTENT AND PRODUCTS BASED ON PRODUCT-TOKENS

(71) Zhang, W.
 (21) 2023285922 (22) 21.12.2023
 (54) ANTI SKIN AGING COMPOSITIONS

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(71) ZHANG, R.
 (21) 2023285880 (22) 21.12.2023
 (54) SUBFRAME EXTRUSION AND ASSEMBLY

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 (21) 2023285923

ZHEJIANG JINKO SOLAR CO., LTD. see JINKO SOLAR (HAINING) CO., LTD.
 (21) 2023286016

(71) ZHEJIANG JINKO SOLAR CO., LTD.
 (21) 2023286031 (22) 29.12.2023
 (54) SOLAR CELL AND PHOTOVOLTAIC MODULE

(71) Zhengzhou Yifan Machinery Co., Ltd; Shanghai Sanme Mining Machinery Co., Ltd
 (21) 2023285806 (22) 20.12.2023
 (54) Intelligent monitoring and warning method for the construction waste treatment process

(71) Zimmer, Inc.
 (21) 2023285866 (22) 21.12.2023
 (54) CONSTRAINED PROSTHETIC KNEE

(71) Zimmer, Inc.
 (21) 2023285867 (22) 21.12.2023
 (54) ANTI-LUXATION VIA VARIOUS TECHNIQUES AND APPARATUSES

(71) Zimmer, Inc.
 (21) 2023285871 (22) 21.12.2023
 (54) TIBIAL COMPONENT FOR A CONSTRAINED PROSTHETIC KNEE

(71) Zimmer, Inc.
 (21) 2023285872 (22) 21.12.2023
 (54) CONSTRAINED PROSTHETIC KNEE

(71) Zimmer, Inc.
 (21) 2023285873 (22) 21.12.2023
 (54) ANTI-LUXATION DEVICES FOR A CONSTRAINED PROSTHETIC KNEE

(71) Zimmer, Inc.
 (21) 2023285874 (22) 21.12.2023
 (54) ANTI-LUXATION DEVICES FOR A CONSTRAINED PROSTHETIC KNEE

(71) Zimmer, Inc.
 (21) 2023285887 (22) 21.12.2023
 (54) SEGMENTED KEEL FOR PROSTHETIC IMPLANT HAVING A STEM

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2023285763	E Ink Corporation	2023285830	Chongqing Changan Automobile Co., Ltd.
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2023285898	New York University; PureTech Health, LLC	2023285971	ORTHONU, LLC
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2023285906	Nunhems B.V.	2023285979	DALLAN S.P.A
2023285907	Galmed Research and Development Ltd.	2023285980	Pentair Water Pool and Spa, Inc.
2023285908	DEKA Products Limited Partnership	2023285981	MAKO Surgical Corp.
2023285909	BiomEdit, LLC	2023285982	Genovie AB
2023285910	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2023285983	ConMed Corporation
2023285911	Manitou Italia S.r.l.	2023285984	Genovie AB
2023285912	A-dec, Inc.	2023285985	Chongqing Changan Automobile Co., Ltd.
2023285913	JIANGSU OPPEAL DAILY COSMETICS CORP., LTD.	2023285986	BEDGEAR, LLC
2023285914	Angel Group Co., Ltd.	2023285988	Dendo Systems Pty Ltd
2023285915	BioAtla, LLC	2023285989	Arltec Australia Pty Ltd
2023285916	ServiceNow, Inc.	2023285990	Inter Earth Pty Ltd
2023285917	Implantica Patent Ltd	2023285991	Chongqing Changan Automobile Co., Ltd.
2023285918	Bluescope Steel Limited	2023285992	Best 1 Pet Food Company Pty Ltd
2023285919	Bluescope Steel Limited	2023285993	CNH Industrial Australia Pty Limited
2023285920	Pratt Retail Specialties, LLC	2023285994	DALLAN S.P.A
2023285922	Zhang, W.	2023285995	Sprint Bioscience AB
2023285923	Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.	2023285996	Calabrio, Inc.
2023285924	Chongqing Changan Automobile Co., Ltd.	2023285997	Shanghai Quluying Outdoor Products Co., Ltd
2023285925	Atheab, M.I.; Fakhurji, B.	2023285998	Spann, M.
2023285926	Gates Corporation	2023285999	Astrauskas, G.
2023285927	DUSA Pharmaceuticals, Inc.	2023286000	ADGA Group Consultants Inc
2023285928	DEKA Products Limited Partnership	2023286002	Google LLC
2023285929	Insulet Corporation	2023286003	Qvinci Software, LLC
2023285930	Beijing Baidu Netcom Science Technology Co., Ltd.	2023286004	A.C.N. 169 569 537 PTY LTD
2023285931	Ningbo Poolstar Pool Products Co., Ltd.	2023286005	Pentair Water Pool and Spa, Inc.
2023285932	Turnbull Infrastructure & Utilities Limited	2023286006	Hunter Douglas, Inc.
2023285933	Fraser, M.	2023286007	Radius Pharmaceuticals, Inc.
2023285934	Capital One Services, LLC	2023286008	LG Electronics Inc.
2023285935	Apple Inc.		
2023285936	Ryan Francis Limited		
2023285937	Athira Pharma, Inc.		

Complete Applications Filed - Numerical Index cont'd

2023286009	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2023286010	Brien Holden Vision Institute Limited
2023286011	NXT Building System Pty Ltd
2023286012	LumaCyte LLC
2023286013	Pulnovo Medical (Wuxi) Co., Ltd.
2023286014	Sage Therapeutics, Inc.
2023286015	ExRobotics B.V.
2023286016	JINKO SOLAR (HAINING) CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
2023286017	Expedia, Inc.
2023286018	Printed Energy Pty Ltd
2023286019	Huawei Technologies Co., Ltd.
2023286020	Pro-Dex, Inc.
2023286021	Calabrio, Inc.
2023286022	Whirlpool Corporation
2023286023	IDEXX Laboratories Inc.
2023286024	Deciphera Pharmaceuticals, LLC
2023286025	Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd
2023286026	LOAM BIO PTY LTD
2023286027	Nicoventures Trading Limited
2023286028	ERIS TECHNOLOGY PTY LTD
2023286029	Pentair Water Pool and Spa, Inc.
2023286030	Tomofun Co., Ltd.
2023286031	ZHEJIANG JINKO SOLAR CO., LTD.
2023286032	NEOSENS AUSTRALIA PTY LTD
2023286033	Chen, J.L.
2023286034	iProov Limited
2023286035	iProov Limited
2023286036	JIANGMEN CITY SHENGDA LIGHTING CO., LTD.
2023286037	malyshev, o.
2023286038	Gilead Sciences, Inc.
2023286039	Dicosola, M.
2023286040	Terumo Kabushiki Kaisha
2024200000	The Trustees of the University of Pennsylvania
2024200001	The Children's Hospital of Philadelphia
2024200002	Repost Limited
2024200003	Cripps Clark, J.
2024200004	PLUG POWER INC.
2024200005	Schneider Electric Systems USA, Inc.
2024200006	TITAN Umreifungstechnik GmbH & Co. KG
2024200007	Chongqing Changan Automobile Co., Ltd
2024200008	YCS Group, LLC
2024200009	Perry, S.C.
2024200010	Chongqing Changan Automobile Co., Ltd
2024200011	Auris Health, Inc.
2024200012	Selecta Biosciences, Inc.
2024200013	Calico Life Sciences LLC; AbbVie Inc.
2024200014	The Trustees of the University of Pennsylvania
2024200015	Blackhawk Network, Inc.
2024200016	Wayne State University
2024200017	Schlage Lock Company LLC
2024200018	JN Biosciences, LLC; Abmuno Therapeutics LLC
2024200019	Shanghai Meiyue Biotech Development Co., Ltd.
2024200020	Memorial Sloan-Kettering Cancer Center
2024200022	Chongqing Changan Automobile Co., Ltd.
2024200023	JOHNSON, K.
2024200024	Golden Solar (Quanzhou) New Energy Technology Co., Ltd.
2024200025	Canva Pty Ltd

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 26 Dec 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Chowz Pty Ltd
(21) 2023100105 **(22)** 22.12.2023
(54) IMPROVED WICKET COMPONENTS
FOR CRICKET
(62) 2020267272

(71) Cixi Shuangwei Road Facilities Co.,
Ltd.
(21) 2023100104 **(22)** 21.12.2023
(54) LIGHT-EMITTING TRAFFIC CONE
(62) PCT/CN2021/112961

Numerical Index

2023100104 Cixi Shuangwei Road Facilities Co., Ltd.

2023100105 Chowz Pty Ltd

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

2021
2021202528 (12D)

2023
2023241394 (7AN) 2023251403 (7AN) 2023255023 (12CN)
2023900175 (12AN)

Assignments before Grant, Section 113

2018
2018234640 Gunther, Jon; Pollock, Kathryn; Juno Therapeutics, Inc.; Church, Sara The application has been assigned to **Juno Therapeutics, Inc.**

2018236754 Johnson & Johnson Vision Care, Inc. The application has been assigned to **Johnson & Johnson Consumer Inc.**

Assignments before Grant, Section 113

2018291082 Neuracle Science Co., Ltd.; Seoul National University R&DB Foundation The application has been assigned to **Neuracle Science Co., Ltd.**

2018301701 Oncorus, Inc. The application has been assigned to **ElevateBio Technologies, Inc.**

2019

2019313330 XR Downhole, LLC The application has been assigned to **XR Reserve LLC**

2019314181 TATE & LYLE SOLUTIONS USA LLC; Codexis, Inc. The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2019356807 Polyanalytik Fze The application has been assigned to **Tosoh Corporation**

2019381698 Oncorus, Inc. The application has been assigned to **ElevateBio Technologies, Inc.**

2019397506 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019432917 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019435207 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019448063 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019451941 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019454275 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019454814 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019455704 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019455937 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2019467759 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2020

2020204989 Oncorus, Inc. The application has been assigned to **ElevateBio Technologies, Inc.**

2020278596 Aioli Nissay Dowa Insurance Services USA Corporation The application has been assigned to **Moter Technologies, Inc.**

Assignments before Grant, Section 113

2020400022 Commissariat a l'Energie Atomique et aux Energies Alternatives; Davey Bickford The application has been assigned to **Davey Bickford**

2021

2021238365 General Electric Company The application has been assigned to **GE Grid Solutions LLC**

2021281357 Oncorus, Inc. The application has been assigned to **ElevateBio Technologies, Inc.**

2021329413 Oculotherapy, LLC The application has been assigned to **University of Tennessee Research Foundation**

2021345432 GENERAL ELECTRIC COMPANY The application has been assigned to **GE Grid Solutions LLC**

2021386294 POPOWSKI, Georg The application has been assigned to **Pelviray IP Ltd**

2021386616 POPOWSKI, Georg The application has been assigned to **Pelviray IP Ltd**

2021388788 POPOWSKI, Georg The application has been assigned to **Pelviray IP Ltd**

2021397325 HYDE, Blake J. The application has been assigned to **DECORUM MEDICAL INNOVATIONS, LLC**

2021444459 FUDO TETRA CORPORATION; KYOWA CO., LTD.; KAJIMA CORPORATION The application has been assigned to **KYOWA CO., LTD.**

2022

2022200465 Road Widener LLC The application has been assigned to **Ligchine International Corporation**

2022206676 ONCORUS, INC. The application has been assigned to **ElevateBio Technologies, Inc.**

2022268390 CODEXIS, INC. The application has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2022297453 ZHAO, Jean; KERNS, William; Dana-Farber Cancer Institute, Inc.; Crimson Biopharm Inc. The application has been assigned to **Dana-Farber Cancer Institute, Inc.; Crimson Biopharm Inc.**

2023

2023203872 Requisite Enrolment Solutions Pty Ltd The application has been assigned to **Requisite Enrolment Solutions Pty Ltd**

2023903472 Signage Systems Limited; Stanners, Richard The application has been assigned to **Signage Systems Limited**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2008

2008265521 **Acrow Formwork and Scaffolding Pty Ltd** An application to extend the time from 20 Jun 2021 to 20 Jul 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2016

2016203527 **Dunstan, J.** An application to extend the time from 27 May 2023 to 27 Dec 2023 in which to pay a renewal fee has been filed . Address for service - Julian Dunstan 29 Dehi Avenue Hillcrest SA 5086 AU

2017

2017202587 **Apple Inc.** An application to extend the time from 28 Aug 2022 to 28 Oct 2023 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2017316641 **REMOV Technologies Inc.** An application to extend the time from 22 Aug 2022 to 22 Aug 2023 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018370123 **Pontic Technology, LLC** An application to extend the time from 15 Nov 2022 to 15 Dec 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019440508 **FJ Dynamics Technology Co., Ltd** An application to extend the time from 26 Oct 2023 to 26 Jun 2024 in which to gain acceptance has been filed . Address for service - Admiral Trademarks & Patents Services PO Box 767 Miranda NSW 1490 AU

2020

2020100665 **Telethon Kids Institute** An application to extend the time from 30 Apr 2023 to 30 Dec 2023 in which to pay a renewal fee has been filed . Address for service - Grow Impact G 45 St Georges Terrace Perth WA 6000 AU

2020289035 **Northrop Grumman Systems Corporation** An application to extend the time from 24 Aug 2023 to 24 Mar 2024 in which to gain acceptance has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021

2021393483 **GUANGZHOU SHIYUAN ELECTRONIC TECHNOLOGY COMPANY LIMITED; GUANGZHOU SHIRUI ELECTRONICS CO., LTD** An application to extend the time from 04 Jul 2023 to 04 Nov 2023 in which to enter the National Phase has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022

2022202706 **Strong Arm Technologies, Inc.** An application to extend the time from 13 Apr 2023 to 13 Nov 2023 in which to pay a renewal fee

Extensions of Time, Section 223

has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)

2012

2012271836 **Nostrum Technologies LLC** The time in which to pay a renewal fee has been extended to 12 Jun 2023 . Address for service - Walker IP PO Box 637 South Melbourne VIC 3205 AU

2015

2015396177 **Company Limited "NextGen"** The time in which to pay a renewal fee has been extended to 07 Sep 2023 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2018

2018348179 **Rafii, E.** The time in which to pay a continuation fee has been extended to 11 Aug 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018393985 **Brunnhög Energi AB** The time in which to pay a continuation fee has been filed 20 Jul 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019

2019433191 **Sutro Connect Inc.** The time in which to pay a continuation fee has been extended to 01 Oct 2023 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2021

2021100844 **Kisimul Holdings Pty Ltd** The time in which to pay a renewal fee has been extended to 10 Oct 2023 . Address for service - Stellar Law Pty Ltd Level 5, 115 Pitt Street Sydney NSW 2000 AU

2022

2022241136 **MAŠEK, J.; MAŠKOVÁ, E.; CHISHOLM, R.C.H.** The time in which to restoration of priority has been extended to 17 Mar 2022 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022246295 **UMBACK, T.J.** The time in which to enter the National Phase has been extended to 23 Dec 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023248204 **TransPod Inc.** The time in which to make a further application for a divisional patent has been extended to 07 Nov 2023 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2023902952 **Contoleon, G.** The time in which to pay the filing fee has been extended to 13 Dec 2023 . Address for service - George Anthony Contoleon 27 Jellicoe Street PROSTON QLD 4613 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

Amendments

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.

2019

2019264834 **Mobile screen body and mobile mineral material processing plant with support legs Metso Finland Oy** The nature of the amendment is as shown in the statement(s) filed 15 Dec 2023 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2019398214 **Fusion protein constructs for complement associated disease Q32 Bio Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020232314 **Pharmaceutical compositions for treating ocular diseases or disorders Aerie Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Dec 2023 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2020241005 **Electrographic image forming apparatus, cartridge, and drum unit Canon Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2013

2013249434 **Case Western Reserve University; University Of Kentucky; Board of Regents of The University of Texas System** The nature of the amendment is: Amend the name of the inventor to read Markowitz, Sanford; Willson, James K.V.; Posner, Bruce A.; Ready, Joseph; Zhang, Yongyou; Tai, Hsin-Hsiung; Antczak, Monika; Gerson, Stanton; BAE, KiBeom; Yang, Sung Yeun and Desai, Amar

2017

2017313844 **UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED** The nature of the amendment is: Amend the name of the inventor to read Bartlett, Jeffrey S. and Ghivizzani, Steven C.

2017352017 **Miracle Management Pte Ltd** The nature of the amendment is: Amend the name of the inventor to read Chuang, Ping Derg and Chuang, David Samuel Leon

2018

2018200368 **CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; UNIVERSITY OF KENTUCKY** The nature of the amendment is: Amend the name of the inventor to read MARKOWITZ, Sanford; WILLSON, James K.V.; POSNER, Bruce A.; READY, Joseph; ZHANG, Yongyou; TAI, Hsin-Hsiung; ANTCZAK, Monika; GERSON, Stanton; BAE, KiBeom; YANG, Sung Yeun and DESAI, Amar

Amendments

2019

2019100537 **C.E.T. Company Limited** The nature of the amendment is: Amend the invention title to read LAMP AND LAMP STRING STRUCTURE

2019226718 **University College Cardiff Consultants Limited** The nature of the amendment is as shown in the statement(s) filed 21 Sep 2023

2019356565 **Calico Life Sciences LLC; AbbVie Inc.** The nature of the amendment is: Amend the name of the inventor to read DART, Michael J.; FROST, Jennifer M.; TONG, Yunsong; XU, Xiangdong; SHI, Lei; MURAUSKI, Kathleen; PLIUSHCHEV, Marina; BROWN, Brian S.; VOIGHT, Eric and RANDOLPH, John T.

2019400494 **air up group GmbH** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2023

2020

2020203853 **The Scripps Research Institute; International AIDS Vaccine Initiative; Theraclone Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2023

2020226565 **Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2023

2020260534 **The Chinese University of Hong Kong** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2023

2020279614 **Westinghouse Air Brake Technologies Corporation** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2023

2020286909 **Nuovo Pignone Tecnologie - S.r.l.** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2023

2020295083 **Yazaki Energy System Corporation** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2023

2021

2021106138 **Caterpillar Global Mining LLC** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2023

2021200941 **Janssen Biotech, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Oct 2023

2021204985 **CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; UNIVERSITY OF KENTUCKY** The nature of the amendment is: Amend the name of the inventor to read MARKOWITZ, Sanford; WILLSON, James K.V.; POSNER, Bruce A.; READY, Joseph; ZHANG, Yongyou; TAI, Hsin-Hsiung; ANTCZAK, Monika; GERSON, Stanton; BAE, KiBeom; YANG, Sung Yeun and DESAI, Amar

2021244209 **The Regents of the University of Colorado, A Body Corporate** The nature of the amendment is: Amend the name of the inventor to read LABARBERA, Daniel V.; ABBOTT, Joshua M.; ZHOU, Qiong; ESQUER, Hector and PRIGARO, Brett Joseph

Amendments

2021253227 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 01 Dec 2023

2021266300 **Iluka Resources Limited; Australian Nuclear Science and Technology Organisation** The nature of the amendment is: Application is to proceed under the number 2021107692

2021266304 **Iluka Resources Limited; Australian Nuclear Science and Technology Organisation** The nature of the amendment is: Application is to proceed under the number 2021107693

2021266306 **Iluka Resources Limited; Australian Nuclear Science and Technology Organisation** The nature of the amendment is as shown in the statement(s) filed 24 Nov 2023

2021266306 **Iluka Resources Limited; Australian Nuclear Science and Technology Organisation** The nature of the amendment is: Application is to proceed under the number 2021107691

2021266331 **Hussmann Corporation** The nature of the amendment is as shown in the statement(s) filed 31 Aug 2023

2021313128 **Genentech, Inc.; Universiteit Utrecht Holding B.V.** The nature of the amendment is: Amend the name of the inventor to read SANDOVAL, Wendy Noel; CAVAL, Tomislav; HECK, Albert J.R. and MASSMAN, Elizabeth Sara Hecht

2021460828 **mitsubishi electric corporation** The nature of the amendment is: Amend the invention title to read MIMO RADAR SIGNAL PROCESSING DEVICE AND RECEPTION SIGNAL PROCESSING DEVICE, AND METHOD FOR DISTINGUISHING PROPAGATION MODE OF RECEPTION SIGNAL VECTOR OF INTEREST

2022

2022201087 **Epitech Group S.p.A.** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2023

2022230991 **SIGNPATH PHARMA, INC** The nature of the amendment is: Amend the name of the inventor to read HOCKING, Ashleigh; SORDILLO, Peter, P.; FARRALL, Alexandra, L. and KLEBE, Sonja

2022258719 **ESSA PHARMA INC.** The nature of the amendment is: Amend the name of the inventor to read ZHOU, Han-Jie and VIRSIK, Peter

2022261982 **CIVI BIOPHARMA, INC.** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2023

2022285204 **LEONARDO S.P.A.** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2023

2022286137 **AJINOMOTO CO., INC.** The nature of the amendment is as shown in the statement(s) filed 12 Dec 2023

2022292324 **KIMURA, K.** The nature of the amendment is: Amend the invention title to read IMAGING DEVICE AND IMAGING METHOD

2022299841 **PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.** The nature of the amendment is: Amend the invention title to read IMMOBILIZED ENZYME ELECTRODE, IMMOBILIZED ENZYME ELECTRODE MANUFACTURING METHOD, TARGET

Amendments

MOLECULE REDOX METHOD, AND TARGET MOLECULE REDOX DEVICE

2023

2023203866 **MARKOVIC, M.** The nature of the amendment is: Amend the invention title to read A SYSTEM AND METHOD FOR PROVIDING MEDIA CONTENT

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

2016

2016429622 Taizhou Lerrisolar Technology Co.,Ltd. The name of the patentee has been altered to **LONGi Solar Technology (Taizhou) Co., Ltd.**

2017

2017221747 Morpho B.V. The name of the patentee has been altered to **IDEMIA THE NETHERLANDS BV**

2017425084 CLR Chemisches Laboratorium Dr. Kurt Richter GmbH The name of the patentee has been altered to **Chemisches Laboratorium Dr. Kurt Richter GmbH**

2018

2018290752 Ennis Paint, Inc. The name of the applicant has been altered to **Ennis-Flint, Inc.**

2018341578 L2 Diagnostics, LLC The name of the applicant has been altered to **L2 Diagnostics, LLC; Yale University**

2019

2019200523 ESI Pipeline Services, Inc. The name of the applicant has been altered to **Ozzies, Inc.**

2020

2020256598 Yunjing Intelligence Technology (Dongguan) Co., Ltd. The name of the applicant has been altered to **YUNJING INTELLIGENCE INNOVATION (SHENZHEN) CO., LTD.**

2021

2021310842 Fujian Changting Golden Dragon Rare-Earth Co., Ltd The name of the patentee has been altered to **Fujian Golden Dragon Rare-Earth Co., Ltd.**

2021310844 Fujian Changting Golden Dragon Rare-Earth Co., Ltd The name of the patentee has been altered to **Fujian Golden Dragon Rare-Earth Co., Ltd.**

2022

2022214519 SCOUTCAM LTD. The name of the applicant has been altered to **ODYSIGHT.AI LTD**

2022273685 AQUATIC DESIGN & ENGINEERING, INC. DS/B/A MARTIN The name of the applicant has been altered to **AQUATIC DESIGN & ENGINEERING, INC. D/B/A MARTIN**

2022289203 INSTITUTE OF MATERIA MEDICA ,CHINESE ACADEMY OF MEDICAL SCICENCES The name of the applicant

Amendments

has been altered to **Institute of Materia Medica ,Chinese Academy of Medical Sciences**

2023

2023904141 Commonwealth Scientific and Industrial Research Organisation ; Australian Eggs Limited The name of the applicant has been altered to **The University of Melbourne; Australian Eggs Limited**

Innovation Patents Open to Public Inspection

Name Index

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

(71) AQUIRIAN TECHNOLOGY PTY LTD
 (11) AU-A-2023100098
 (21) 2023100098 (22) 08.12.2023
 (54) A METHOD AND APPARATUS FOR PREVENTING ROCK FRAGMENTS FROM ENTERING OR COLLAPSING INTO A BLAST HOLE
 (51) Int. Cl.
F42D 1/08 (2006.01)
E21B 43/10 (2006.01)
F42D 1/00 (2006.01)
 (45) 11.01.2024
 (62) 2019212935
 (72) PATCHING, Gregory
 (74) Gestalt Law Pty Ltd

E21B 43/263 (2006.01)
E21B 47/00 (2012.01)
F42D 3/04 (2006.01)
 (45) 11.01.2024
 (62) 2019212935
 (72) AVERETT, Jeff; GILTNER, Scott;
 O'CONNOR, Patrick
 (74) Spruson & Ferguson

(71) Dyno Nobel Inc.
 (11) AU-A-2023100099
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 (51) Int. Cl.
F42D 1/08 (2006.01)
E21B 41/00 (2006.01)
E21B 43/263 (2006.01)
E21B 47/00 (2012.01)
F42D 3/04 (2006.01)
 (45) 11.01.2024
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F42D 1/10 (2006.01)
E21B 41/00 (2006.01)
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F42D 1/10 (2006.01)
E21B 41/00 (2006.01)

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B29C 35/08 (2006.01)
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C07D 498/18 (2006.01)
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C04B 28/24 (2006.01)
C01B 33/26 (2006.01)
C01B 33/32 (2006.01)
C04B 12/04 (2006.01)
C04B 28/26 (2006.01)
C08K 3/34 (2006.01)
C09D 1/02 (2006.01)
C09D 5/18 (2006.01)
C09K 21/02 (2006.01)
C09K 21/14 (2006.01)
E04B 1/62 (2006.01)
E04B 1/92 (2006.01)
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G01S 3/04 (2006.01)
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A01C 1/02 (2006.01)
A01G 22/63 (2018.01)
B65D 85/52 (2006.01)
A01H 4/00 (2006.01)
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H01H 71/04 (2006.01)
H01H 73/12 (2006.01)
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C08G 18/22 (2006.01)
C08G 18/28 (2006.01)
C08G 18/76 (2006.01)
C08G 18/79 (2006.01)
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F03D 9/28 (2016.01)
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H01F 41/071 (2016.01)
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A43B 11/00 (2006.01)
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A43B 13/26 (2006.01)
A43B 23/02 (2006.01)
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A61M 1/16 (2006.01)
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F25D 17/00 (2006.01)
A23C 3/05 (2006.01)
A23L 3/3418 (2006.01)
A23L 3/36 (2006.01)
B65D 81/18 (2006.01)
F25D 17/04 (2006.01)
F25D 23/06 (2006.01)
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C07C 33/30 (2006.01)
C07C 33/48 (2006.01)
C07C 43/166 (2006.01)
C07C 43/176 (2006.01)
C07C 43/23 (2006.01)

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C07C 57/42 (2006.01)
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C07C 69/734 (2006.01)
C07C 233/11 (2006.01)
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C07D 239/48 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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F21V 7/00 (2006.01)
F21Y 115/10 (2016.01)
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B24B 27/06 (2006.01)
B24B 41/06 (2012.01)
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A61K 31/4178 (2006.01)
A61K 47/10 (2017.01)
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A61P 27/02 (2006.01)
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H04N 5/14 (2006.01)
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G06F 11/00 (2006.01)
G05B 23/02 (2006.01)
G06F 3/048 (2013.01)
G06F 17/10 (2006.01)
G06Q 50/00 (2012.01)
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H04W 64/00 (2009.01)
H04W 4/02 (2018.01)
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 (21) 2021353722 (22) 30.09.2021
 (54) BENZAMIDE COMPOUND AND USE THEREOF
 (51) Int. Cl.
C07D 417/12 (2006.01)
A61K 31/427 (2006.01)
A61K 31/501 (2006.01)
A61K 31/506 (2006.01)
A61P 13/00 (2006.01)
A61P 13/08 (2006.01)
A61P 25/04 (2006.01)
A61P 25/28 (2006.01)
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C07D 417/14 (2006.01)
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A61K 31/513 (2006.01)
A61K 31/549 (2006.01)
A61P 9/12 (2006.01)
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C02F 11/08 (2006.01)
C02F 11/18 (2006.01)
C05F 3/00 (2006.01)
C05F 7/00 (2006.01)
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A47L 15/50 (2006.01)
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C07D 217/22 (2006.01)
A61K 31/47 (2006.01)
A61P 11/00 (2006.01)
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C06B 33/00 (2006.01)
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E21B 29/02 (2006.01)
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C10B 57/04 (2006.01)
G01N 11/14 (2006.01)
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G01N 33/22 (2006.01)
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C08F 283/12 (2006.01)
G02B 1/04 (2006.01)
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C07K 14/65 (2006.01)
A61K 38/30 (2006.01)
C12N 9/10 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/497 (2006.01)
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E02F 9/22 (2006.01)
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C12N 15/74 (2006.01)
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C12N 15/74 (2006.01)
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C12P 5/02 (2006.01)
C12P 7/04 (2006.01)
C12P 7/40 (2006.01)
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H01M 8/24 (2016.01)
H01M 8/2455 (2016.01)
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C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
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H04N 19/109 (2014.01)
H04N 19/105 (2014.01)
H04N 19/119 (2014.01)
H04N 19/132 (2014.01)
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 (51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/132 (2014.01)
H04N 19/137 (2014.01)

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(54) APPARATUS AND METHOD FOR IMAGE CODING BASED ON FILTERING
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H04N 19/60 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
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(54) Transform-based image coding method and device for same
(51) Int. Cl.
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(21) 2023201854 **(22)** 24.03.2023
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A01N 43/54 (2006.01)

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A61K 9/127 (2006.01)
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C07C 229/24 (2006.01)
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C07C 237/12 (2006.01)
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C07D 205/04 (2006.01)
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C08F 2/00 (2006.01)
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C08L 23/04 (2006.01)
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G06N 20/00 (2019.01)
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C12N 1/15 (2006.01)
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A61K 38/42 (2006.01)
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G01N 33/68 (2006.01)
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 C25B 1/04 (2021.01)
 H01M 10/46 (2006.01)
 H02S 40/38 (2014.01)
 (87) WO2022/027109
 (31) 2020902775 (32) 06.08.20 (33) AU
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 (72) JACOBS, Lourens
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 F28D 7/00 (2006.01)
 B01J 7/00 (2006.01)
 B01J 12/00 (2006.01)

B01J 19/14 (2006.01)
B01J 19/24 (2006.01)
B01J 23/755 (2006.01)
C01B 3/38 (2006.01)
F28D 21/00 (2006.01)
F28F 27/02 (2006.01)
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 (72) FAKA, Solomon, Aladja; MASSENHANE, Michael, Edward, Lev; LIAW, Sui, Boon
 (74) Griffith Hack

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(71) YETI Coolers, LLC
 (11) AU-B-2018389610
 (21) 2018389610 (22) 17.12.2018
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 A45F 3/04 (2006.01)
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 (43) 27.06.2019
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 (72) MUNIE, Jeffrey Charles; ROGERS, Kyle Edward; DESROCHES, Donald Edward; LOUDENSLAGER, John; SULLIVAN, Derek G.; BAIRES, Alex
 (74) GLMR

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 (21) 2021272685

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
 (11) AU-B-2022209227
 (21) 2022209227 (22) 26.07.2022
 (54) Solar Cell and Photovoltaic Module
 (51) Int. Cl.
 H01L 31/0236 (2006.01)
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 (31) 202210647861.3 (32) 08.06.22 (33) CN
 (43) 04.01.2024
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 (72) FENG, Xiu; XU, Menglei; YANG, Jie; ZHANG, Xinyu
 (74) Franke Hyland Pty Ltd

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 (11) AU-B-2022209315
 (21) 2022209315 (22) 28.07.2022
 (54) Solar Cell and Manufacture Method thereof, and Photovoltaic Module
 (51) Int. Cl.
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 (31) 202210606614.9 (32) 31.05.22 (33) CN
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 (74) Franke Hyland Pty Ltd

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 (72) LI, Xincan; ZHAO, Yajun
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(71) ZHEJIANG JINKO SOLAR CO., LTD.;
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 (21) 2022263498 (22) 02.11.2022
 (54) SOLAR CELL AND PHOTOVOLTAIC
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 (72) MAO, Jie; WANG, Zhao; ZHENG, Peit-
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 (21) 2019214074 (22) 19.01.2019
 (54) Method for processing data
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 (31) 201810108885.5 (32) 01.02.18 (33) CN
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 (72) ZHOU, Xingchang
 (74) Xingchang Zhou

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 (54) Transmission method and apparatus,
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 (51) Int. Cl.
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<u>B09B 3 /-</u>	<u>B64D 45 /-</u>	<u>C01B 33 /-</u>	2021254312	<u>C07D 275 /-</u>	<u>C08F 2 /-</u>
2018305655 2020404693	2020314375	2022268341	<u>C07C 255 /-</u>	2019296376	2018354767 2022200608 2022202017
<u>B23K 26 /-</u>	<u>B64G 1 /-</u>	<u>C02F 1 /-</u>	2022256179	<u>C07D 305 /-</u>	<u>C08F 20 /-</u>
2018260194	2018252957	2018263286 2018275261 2018340247 2018377865 2021201254	<u>C07C 271 /-</u>	2021254312	
<u>B24B 27 /-</u>	<u>B65B 31 /-</u>	<u>C02F 11 /-</u>	2021254312	<u>C07D 307 /-</u>	
2020389903	2018298768	2018305655 2019245933 2020404693	<u>C07C 275 /-</u>	2021254312	
<u>B24B 41 /-</u>	<u>B65B 59 /-</u>	<u>C02F 3 /-</u>	2022256179	<u>C07D 309 /-</u>	
2020389903	2018298768		<u>C07C 33 /-</u>	2021254312	
<u>B29C 35 /-</u>	<u>B65B 67 /-</u>		2022256179	<u>C07D 311 /-</u>	
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2018354767	<u>C12M 1/-</u>	2018326672	<u>F04B 1/-</u>	<u>F25D 23/-</u>	2021329613
<u>C08F 220/-</u>	2020370270	<u>E04H 4/-</u>	2018281691	2020355489	<u>G01R 29/-</u>
2018354767	<u>C12M 3/-</u>	2020223664	<u>F04D 19/-</u>	<u>F25D 25/-</u>	2021306994
<u>C08F 226/-</u>	2020370270	<u>E05B 17/-</u>	2021209139	2020410735	<u>G01S 17/-</u>
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<u>C08F 283/-</u>	2017340633	<u>E05B 39/-</u>	2021209139	<u>F25D 29/-</u>	<u>G01S 3/-</u>
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<u>C08F 6/-</u>	2017332677	<u>E05B 41/-</u>	2020414631	<u>F25J 3/-</u>	<u>G01S 7/-</u>
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<u>C12N 5/-</u>	2021284451	2021212089	2018320339	2022200625	2019293888
<u>C08G 18/-</u>	2017319151	<u>E05B 47/-</u>	<u>F16L 15/-</u>	<u>F28D 21/-</u>	<u>G02B 6/-</u>
2022201385	2017340633	2021212089	2019274792	2022225831	2021261928
<u>C08K 3/-</u>	2017355712	<u>E05B 49/-</u>	<u>F16L 55/-</u>	<u>F28D 7/-</u>	<u>G05B 23/-</u>
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<u>C12N 9/-</u>	2018329118	<u>E05B 51/-</u>	<u>F21K 9/-</u>	<u>F28F 27/-</u>	<u>G05D 1/-</u>
<u>C08L 23/-</u>	2021203008	2021212089	2021425924	2022225831	2022218500
2022200608	2021284451	<u>E05B 53/-</u>	<u>F21V 15/-</u>	<u>F42B 15/-</u>	<u>G05D 11/-</u>
<u>C08L 5/-</u>	<u>C12P 13/-</u>	2021212089	2021425924	2018252957	2021286412
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<u>C09D 1/-</u>	2018354767	<u>E21B 23/-</u>	<u>F21V 7/-</u>	2021261928	2022218594
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<u>C09D 175/-</u>	2018329846	<u>E21B 29/-</u>	<u>F21V 8/-</u>	2021261928	2022204337
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<u>C09D 5/-</u>	2021284451	<u>E21B 33/-</u>	<u>F21Y 115/-</u>	<u>G01J 3/-</u>	2021269201
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<u>C09K 8/-</u>	2021321459	<u>E21D 20/-</u>	<u>F23Q 9/-</u>	2021329613	2023237163
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2022203865	2020414631	<u>E21D 21/-</u>	<u>F24S 40/-</u>	2021273569	2022204337
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				2021269432	2021269201
				2021326589	

Applications Accepted - IPC Index cont'd

2021425924	<u>H01F 27 /-</u>		<u>H04W 52 /-</u>
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2022204337	2021370853	2021321459	2020381509
2022261717	<u>H01F 3 /-</u>		<u>H04W 64 /-</u>
2023237163		<u>H03F 1 /-</u>	
<u>G06F 40 /-</u>	2021370853	2022205214	2019475509
	<u>H01F 41 /-</u>		<u>H04W 72 /-</u>
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	<u>H01H 71 /-</u>		2020255518
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<u>G06N 20 /-</u>	2022256087	2021358117	<u>H04W 84 /-</u>
	<u>H01H 73 /-</u>		2020381509
2021358117		<u>H04B 1 /-</u>	
<u>G06Q 10 /-</u>	2022256087	2022205214	<u>H04W 88 /-</u>
	<u>H01J 35 /-</u>		2020381509
2023203837		<u>H04L 67 /-</u>	
<u>G06Q 20 /-</u>	2018425050	2019400060	<u>H05G 1 /-</u>
	<u>H01L 31 /-</u>	2021238984	2018425050
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<u>G06Q 50 /-</u>	2020381626	<u>H04L 9 /-</u>	
	2022209227		
2022204337	2022209315	2018390325	
	2022263498	2020318888	
<u>G06T 7 /-</u>	2023200864		
	2023216789	<u>H04N 1 /-</u>	
2021282310		2019214074	
2021411388	<u>H01M 10 /-</u>	2021282310	
<u>G06V 10 /-</u>			
	2021321459	<u>H04N 17 /-</u>	
2021282310	<u>H01M 8 /-</u>	2019427824	
<u>G06V 20 /-</u>			
	2017378873	<u>H04N 19 /-</u>	
2022261717	<u>H01Q 1 /-</u>		
<u>G06V 30 /-</u>		2020294374	
	2020200230	2020335843	
2022261717	<u>H01S 3 /-</u>	2020337710	
<u>G08B 13 /-</u>		2020360102	
	2021261928	2020372684	
2020230244	<u>H02H 3 /-</u>	2021243003	
<u>G08B 21 /-</u>		2023201854	
	2022256087	<u>H04N 21 /-</u>	
2021212089	<u>H02J 7 /-</u>	2019427824	
<u>G08B 26 /-</u>		2020216187	
	2020413241	<u>H04N 5 /-</u>	
2021212089	<u>H02K 1 /-</u>	2021411388	
<u>G08B 29 /-</u>			
	2021272685	<u>H04R 3 /-</u>	
2021212089	<u>H02K 15 /-</u>	2021358117	
<u>G09B 21 /-</u>			
	2021272685	<u>H04W 24 /-</u>	
2022218635	<u>H02K 3 /-</u>	2018422270	
<u>G09B 23 /-</u>			
	2021272685	<u>H04W 28 /-</u>	
2022201612	<u>H02K 99 /-</u>	2019244192	
<u>G11C 13 /-</u>			
	2021272685	<u>H04W 4 /-</u>	
2021244850	<u>H02S 10 /-</u>	2018390325	
	2020314375	2019475509	

Certified Innovation Patents**Name Index**

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

-
- (71) D.I.T Technologies Ltd
(11) AU-B-2022100179
(21) 2022100179 (22) 05.12.2022
(54) Dosing system and method
(51) Int. Cl.
A01K 7/02 (2006.01)
A01K 5/02 (2006.01)
A01K 39/02 (2006.01)
A61D 7/00 (2006.01)
G05B 19/00 (2006.01)
(45) 11.01.2024
(62) 2019370617
(72) PEART, Mark Rawlinson; FEEZ,
Thomas Robinson
(74) Spruson & Ferguson

Numerical Index

2022100179 D.I.T Technologies Ltd

IPC Index

A01K 39 /-

2022100179

A01K 5 /-

2022100179

A01K 7 /-

2022100179

A61D 7 /-

2022100179

G05B 19 /-

2022100179

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2018264745 **Barenbrug New Zealand Limited** (RAGT 2n)
 2021229169 **United States Gypsum Company** (CSR Building Products Limited)

Opposition Withdrawn

2016267960 **The a2 Milk Company Limited** (Fonterra Co-operative Group Limited)
 2016424981 **The a2 Milk Company Limited** (Fonterra Co-operative Group Limited)
 2017240635 **The a2 Milk Company Limited** (FONTERRA CO-OPERATIVE GROUP LIMITED)
 2019203684 **The a2 Milk Company Limited** (FONTERRA CO-OPERATIVE GROUP LIMITED)
 2019204101 **The a2 Milk Company Limited** (Fonterra Co-Operative Group Limited)
 2021338584 **EGL Water PTY LTD** (OPEC Remediation Technologies Pty Limited)

Patents Granted

Standard Patents

2016333517 2016334256 2016340005 2016344663
 2016434849 2017206074 2017207947 2017208304
 2017246411 2017248219 2017251107 2017252212
 2017261685 2017268257 2017296317 2017297434
 2017308526 2017313039 2017313495 2017330067
 2017330348 2017346393 2017349495 2017371877
 2017376750 2017417126 2017418852 2017435587
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 2018377971 2018383006 2018387639 2018388641
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 2020277348 2020282612 2020283021 2020284781

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2020290445 2020292662 2020294605 2020304368
 2020313571 2020318599 2020319132 2020327479
 2020328050 2020331547 2020338783 2020341600
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 2022200111 2022200117 2022200174 2022200889
 2022200978 2022201843 2022202409 2022202647
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 2022263518 2022264070 2022271469 2022291438
 2022291558 2023200568 2023204124

Innovation Patents

2021107690 2022100194 2023100098 2023100099
 2023100100 2023100101

Assignments Registered

2004287875 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**
 2005251476 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**
 2005289365 The Commonwealth of Australia; Thales Australia Limited The patent has been assigned to **Thales Australia Limited**
 2006247136 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**
 2008221507 JELD-WEN, inc. The patent has been assigned to **Corinthian Industries (Australia) Pty Ltd**
 2008305814 Fenton, Richard; Fenton, Jan; Lindo, Hugh The patent has been assigned to **KAAC DOUGH TECHNOLOGY B.V.**
 2008317473 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**
 2008333764 RED STAR TRADERS, LLC The patent has been assigned to **SCIRST, INC.**
 2009202490 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
 2009212782 Antinitus AB The patent has been assigned to **Exosana S.A.**
 2009212837 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

Assignments Registered

2010201832 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010202078 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010202115 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010202583 Antinitus AB The patent has been assigned to **Exosana S.A.**

2010202748 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010202873 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010233032 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010233034 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010233041 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010233046 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010235955 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010236032 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010238544 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010246474 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2010247806 RED STAR TRADERS, LLC The patent has been assigned to **SCIRST, INC.**

2011200161 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2011200687 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2011200794 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2011202980 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2011213744 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2011213745 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2011269658 Nexus eWater Pty Ltd The patent has been assigned to **Fluence Corporation Limited**

2012216470 Baxters Pty Ltd The patent has been assigned to **Specialist Wholesalers Pty Ltd**

2012238229 Nuance Communications, Inc. The patent has been assigned to **Microsoft Technology Licensing, LLC**

Assignments Registered

2012271836 Nostrum Technologies LLC The patent has been assigned to **InspiRx, Inc.**

2012327875 IDC Solutions Pty Ltd The patent has been assigned to **Marod Industries Pty Ltd**

2013361579 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**

2014286638 ThyssenKrupp Industrial Solutions AG The patent has been assigned to **thyssenkrupp Polysius GmbH**

2015311611 Nexus eWater Pty Ltd The patent has been assigned to **Fluence Corporation Limited**

2015320349 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**

2016100276 IDC Solutions Pty Ltd The patent has been assigned to **Marod Industries Pty Ltd**

2016200826 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2016227675 thyssenkrupp Industrial Solutions AG; thyssenkrupp AG The patent has been assigned to **thyssenkrupp AG; thyssenkrupp Polysius GmbH**

2016227677 thyssenkrupp Industrial Solutions AG; thyssenkrupp AG The patent has been assigned to **thyssenkrupp AG; thyssenkrupp Polysius GmbH**

2016246060 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**

2016378266 thyssenkrupp Industrial Solutions AG; thyssenkrupp AG The patent has been assigned to **thyssenkrupp AG; thyssenkrupp Polysius GmbH**

2017213377 Tohoku University The patent has been assigned to **Neusignal Therapeutics, Inc.**

2017246305 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2018215335 Codexis, Inc. The patent has been assigned to **TATE & LYLE SOLUTIONS USA LLC**

2018224020 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2018227610 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2018250304 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2018258268 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2018277085 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2018278210 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

2018310024 Tohoku University The patent has been assigned to **Neusignal Therapeutics, Inc.**

2018347543 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**

Assignments Registered

- 2018347544 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2018401837 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2019419383 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2019422268 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2019444427 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2020200567 Road Widener LLC The patent has been assigned to **Ligchine International Corporation**
- 2020202723 Power Pin Inc. The patent has been assigned to **Olson, Brian; Batke, Theresa**
- 2020214838 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2020216422 General Electric Company The patent has been assigned to **GE Grid Solutions LLC**
- 2020220957 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**
- 2020222348 Novartis AG The patent has been assigned to **Bausch + Lomb Ireland Limited**
- 2020258452 Azora Therapeutics, Inc. The patent has been assigned to **AZORA THERAPEUTICS AUSTRALIA PTY LTD**
- 2020289865 CODEXIS, INC. The patent has been assigned to **TATE & LYLE SOLUTIONS USA LLC**
- 2020289868 CODEXIS, INC. The patent has been assigned to **TATE & LYLE SOLUTIONS USA LLC**
- 2021200953 Nexus eWater Pty Ltd The patent has been assigned to **Fluence Corporation Limited**
- 2021203129 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**
- 2021208299 thyssenkrupp Industrial Solutions AG; thyssenkrupp AG The patent has been assigned to **thyssenkrupp Polysius GmbH; thyssenkrupp AG**
- 2021220242 thyssenkrupp Industrial Solutions AG; thyssenkrupp AG The patent has been assigned to **thyssenkrupp AG; thyssenkrupp Polysius GmbH**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

- 2008304192 **Alexion Pharmaceuticals, Inc.**
The earliest first regulatory approval date provided by the patentee 03 Jul 2023
For the goods ANDEXXA andexanet alfa
- 2013274288 **Alexion Pharmaceuticals, Inc.**
The earliest first regulatory approval date provided by the patentee 03 Jul 2023

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

- For the goods ANDEXXA andexanet alfa
- 2017283720 **Alexion Pharmaceuticals, Inc.**
The earliest first regulatory approval date provided by the patentee 03 Jul 2023
For the goods ANDEXXA andexanet alfa
- 2021203265 **Estetra SRL**
The earliest first regulatory approval date provided by the patentee 26 Nov 2021
For the goods NEXTSTELLIS estetrol

Applications Accepted

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

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

- 2013226361 **Bristol-Myers Squibb Company**
The earliest first regulatory approval date provided by the patentee 27 Jul 2023
For the goods NURTEC ODT rimegepant
Address for service : AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

Corrigenda

In Vol 35 , No 46 , Page(s) 9018 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Boehringer Ingelheim Vetmedica GmbH; Iowa State University Research Foundation, Inc., Application No. 2020256283, under INID (71) correct the applicant name to Boehringer Ingelheim Vetmedica GmbH; Iowa State University Research Foundation, Inc.

In Vol 58 , No 1 , Page(s) 19 under the heading **Amendments - Application for Amendments** Under the name Smart Glass Systems Pty Ltd, Application No. 2015100599 correct the date of the statements filed to read 21 Jul 2022 and 22 Jun 2023

Specifications Republished

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

- 2020438508 **Toshiba Carrier Corporation**
- 2021435063 **IO BIOTECH APS**
- 2022202019 **Smith & Nephew plc**
- 2022218921 **ENVERIC BIOSCIENCES CANADA INC.**
- 2022219681 **NECTIN THERAPEUTICS LTD.; UNIVERSITY OF RIJEKA FACULTY OF MEDICINE; YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.**
- 2022220255 **UCL BUSINESS LTD**
- 2022220666 **PRESIDENT AND FELLOWS OF HARVARD COLLEGE**
- 2022222149 **KYOTO UNIVERSITY; NISSEY DELICA CORP.**
- 2022222977 **KYOTO UNIVERSITY; NISSEY DELICA CORP.**
- 2022223366 **THE UNIVERSITY OF MANCHESTER**
- 2022229417 **C4U CORPORATION; THE UNIVERSITY OF TOKYO; RIKEN**
- 2022231895 **GENMAB A/S**

Specifications Republished

2022232196	INSTITUT CURIE; MNEMO THERAPEUTICS; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)
2022234150	JCR PHARMACEUTICALS CO., LTD.
2022234261	UNIwersYTET WARSZAWSKI
2022234694	AJINOMOTO CO., INC.
2022234761	JOUNCE THERAPEUTICS, INC.
2022235346	YEDA RESEARCH AND DEVELOPMENT CO. LTD.
2022236293	JAMES COOK UNIVERSITY
2022241760	SPINOGENIX, INC.
2022246874	JANSSEN PHARMACEUTICALS, INC.; NEW YORK UNIVERSITY
2022249826	DNA SCRIPT
2022250521	GENEMATRIX INC.
2022251523	HANGZHOU EXEGENESIS BIO LTD.
2022252398	TENEOBIO, INC.
2022266796	ZOETIS SERVICES LLC
2022277709	SIDERO BIOSCIENCE, LLC
2022277902	ILLUMINA, INC.
2022279591	LIMAGRAIN EUROPE
2022281108	JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG
2022281464	VIGIL NEUROSCIENCE, INC.
2022284372	ORUM THERAPEUTICS, INC.; BRISTOL-MYERS SQUIBB COMPANY
2022284860	IMMUNOGEN, INC.
2022287930	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES
2022288702	ILLUMINA, INC.
2022288937	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES
2022293672	PROTAGONIST THERAPEUTICS, INC.
2022294047	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.
2022294135	CHR. HANSEN A/S
2022295067	F. HOFFMANN-LA ROCHE AG
2022299651	NOVARTIS AG
2022300351	BRISTOL-MYERS SQUIBB COMPANY
2022304222	IMCYSE SA
2022304654	GEN-PROBE INCORPORATED