



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

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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	
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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 -

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

SwimEye AS v Coral Smart Pool Ltd [2024] APO 9

Patent Application: 2017211712

Title: Methods and systems for drowning detection

Patent Applicant: Coral Smart Pool Ltd

Opponent: SwimEye AS

Delegate: Neil Miller

Decision Date: 19 February 2024

Hearing Date: Written submissions filed on 6 September 2023

Catchwords: **PATENTS** - Section 59 – opposition to grant of a patent – grounds of novelty and inventive step – support for the claims – methods and systems for drowning detection – deep learning neural networks – distinguishing humans from non-humans in underwater images – lack of evidence from the opponent – failure of opponent to discharge onus of proof – whether prior art publicly accessible – claims novel and inventive – opposition unsuccessful – ground of support raised by Delegate under section 60(3) – no award of costs

Representation: Patent attorney for the applicant: Dr Don Angus, Collison & Co

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Feb 2024 .

(71) 4FRONT PROJECT MANAGEMENT PTY LTD (21) 2024900372 (22) 16.02.2024 (54) Gutter system	(71) Bakos, S. (21) 2024900346 (22) 14.02.2024 (54) House Safety Gun	(71) Carden, B. (21) 2024900416 (22) 20.02.2024 (54) Full body Photobiomodulation in combination with Pulsed Electromagnetic Field Stimulation Therapy
(71) ALLY MEDTECH PTY LTD (21) 2024900356 (22) 15.02.2024 (54) COLD THERAPY DEVICE	Bancroft, S. see Gestalt Law Pty Ltd (21) 2024900398	(71) Caser, C. (21) 2024900361 (22) 15.02.2024 (54) Buying my time and services
(71) APPLIED ELECTRIC VEHICLES LTD (21) 2024900373 (22) 16.02.2024 (54) MAGNETIC BUS-BASED ELECTRIC VEHICLE BATTERY SYSTEM ARCHITECTURE	(71) Berserq Pte Ltd (21) 2024900405 (22) 19.02.2024 (54) APPARATUS AND METHOD FOR GENERATING PHOTOREALISTIC SYNTHETIC IMAGES	(71) CBH Group (21) 2024900402 (22) 19.02.2024 (54) A Phosphine Distribution System
(71) APPLIED ELECTRIC VEHICLES LTD (21) 2024900374 (22) 16.02.2024 (54) FAULT TOLERANT REDUNDANT TRACTION BATTERY ARCHITECTURE	(71) BLAST FURNACE DEVELOPMENTS PTY LTD (21) 2024900408 (22) 20.02.2024 (54) BLAST FURNACE WITH CAPTURE AND RECYCLING OF CARBON MONOXIDE FROM TOP GASES AND METHODS FOR IMPROVED BLAST FURNACE OPERATIONAL EFFICIENCY	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900343 (22) 14.02.2024 (54) Fluid quality monitoring
(71) APPLIED ELECTRIC VEHICLES LTD (21) 2024900375 (22) 16.02.2024 (54) ACCELERATED COMPUTATIONAL OPTIMAL CONTROL USING KALMAN FILTERING FOR AUTONOMOUS VEHICLES	(71) Breas Medical AB (21) 2024900379 (22) 16.02.2024 (54) A MASK FOR DELIVERING PRESSURISED AIR TO A USER	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900349 (22) 14.02.2024 (54) Quantum computing error mitigation
(71) Australian Centre for Integrative Medicine (21) 2024900387 (22) 18.02.2024 (54) Precision Healthcare Solutions: Transforming Healthcare Through Integrating Diagnostic, Treatment Modalities and Technology	(71) Cahillane, S. (21) 2024900382 (22) 16.02.2024 (54) Automated Person Overboard Recovery Device (APORD)	(71) credidio San Miguel, M. (21) 2024900419 (22) 21.02.2024 (54) lip gloss
(71) Azaneo Pty Ltd (21) 2024900366 (22) 16.02.2024 (54) SYSTEMS AND METHODS FOR APPLYING A PULSED ELECTRIC FIELD TO A PLURALITY OF PLANTS	(71) Cahillane, S. (21) 2024900383 (22) 17.02.2024 (54) Automatic Inflating Flotation Swimwear Device	(71) Cytomatrix Limited (21) 2024900393 (22) 19.02.2024 (54) Polymer Particles
		(71) davern, m. (21) 2024900338 (22) 14.02.2024 (54) Turbine

Provisional Applications Filed - Name Index cont'd

(71) davern, m.
(21) 2024900339 (22) 14.02.2024
(54) Thermal Turbine

(71) DuluxGroup (Australia) Pty Ltd
(21) 2024900415 (22) 20.02.2024
(54) Toilet cage

(71) Easy Incline Corp Pty Ltd
(21) 2024900384 (22) 17.02.2024
(54) Incline Push up Grip

(71) EDGEPRO FORMWORK SOLUTIONS
PTY LTD
(21) 2024900348 (22) 14.02.2024
(54) A Formwork Brace

(71) Falcon, D.
(21) 2024900413 (22) 20.02.2024
(54) Pop & play tray pod, compact and easy
to store & erect for sensory & STEM
play.

(71) Farren-Price, B.
(21) 2024900409 (22) 20.02.2024
(54) A Wave Energy Apparatus

(71) Flinders University
(21) 2024900381 (22) 16.02.2024
(54) NEW METHODS OF SULFUR META-
THESIS

(71) Future Roofing Australia Pty Ltd
(21) 2024900389 (22) 18.02.2024
(54) CORRUGATED CONSTRUCTION
PANELS HAVING EMBEDDED
PHOTOVOLTAIC CELLS, AND AS-
SOCIATED MANUFACTURING PRO-
CESSES

(71) Galvin, S.
(21) 2024900364 (22) 15.02.2024
(54) Process of creating a portable camera
function for smartphones

(71) Gestalt Law Pty Ltd; Bancroft, S.
(21) 2024900398 (22) 19.02.2024
(54) MARINE SEARCH AND RESCUE
DEVICE AND METHOD

(71) Giant Flowers Australia
(21) 2024900414 (22) 20.02.2024
(54) METHOD OF UNLOADING A CENT-
RIFUGAL WHEEL FROM AXIAL
FORCES

(71) HALTEC ENTERPRISES PTY LTD
(21) 2024900365 (22) 15.02.2024
(54) Generic Game Board Fabric

(71) Heatseeker Technologies Pty Ltd
(21) 2024900400 (22) 19.02.2024
(54) Automated system and method for en-
tity-specific proposition generation us-
ing artificial intelligence

(71) Henry Johnson Pty Ltd
(21) 2024900377 (22) 16.02.2024
(54) BLADE SHARPENER

(71) HireYu Pty Ltd
(21) 2024900395 (22) 19.02.2024
(54) A system for automatically enhancing
job applications

(71) Huang, Z.
(21) 2024900411 (22) 20.02.2024
(54) Pistol

(71) Icon23 Pty Ltd
(21) 2024900397 (22) 19.02.2024
(54) A beverage container assembly

(71) ISLE VENTURE PTY LTD
(21) 2024900396 (22) 19.02.2024
(54) IMPROVED BOTTLE AND BOTTLE
LID

(71) iX Biopharma Limited
(21) 2024900352 (22) 14.02.2024
(54) NADix+

(71) KARAPANAGOS, G.
(21) 2024900407 (22) 20.02.2024
(54) A METHOD OF FACILITATING OWN-
ERSHIP OF RESIDENTIAL PROP-
ERTY

(71) Kljuce, U.
(21) 2024900390 (22) 18.02.2024
(54) Ziplocked Doona to Doona Cover Set 2
step process.

(71) Kouta, K.
(21) 2024900418 (22) 21.02.2024
(54) Baby Bottle Pal: A simple, yet effective,
baby feed monitoring device

(71) Lam, T.T.
(21) 2024900342 (22) 14.02.2024
(54) MAGNETIC DEVICES FOR UL-
TRAHIGH SPEED ROTARY SHAFTS

(71) Lockie, G.
(21) 2024900355 (22) 15.02.2024
(54) IMPROVED BATTERY SWAPPING
SYSTEM FOR ELECTRIC VEHICLES

(71) Minelab Electronics Pty. Limited
(21) 2024900380 (22) 16.02.2024
(54) AN IMPROVED METAL DETECTOR

(71) Mineral Carbonation International Pty
Ltd
(21) 2024900392 (22) 19.02.2024
(54) MAGNESIUM CARBONATE
PRODUCTS

(71) Moller, P.
(21) 2024900410 (22) 20.02.2024
(54) Step Indicator

(71) Monash University
(21) 2024900376 (22) 16.02.2024
(54) Antibodies for binding CCR6

(71) Mowla, S.J.
(21) 2024900363 (22) 15.02.2024
(54) A Clinical Pathway-Oriented Targeted
Therapy Panel (ClinPath LB©) for Pa-
tients with Lung and Breast Cancer

(71) NewSouth Innovations Pty Limited
(21) 2024900394 (22) 19.02.2024
(54) In-situ stress measurement tool and
method

(71) ODL Sleep Services Pty Ltd;
SnoreEase Pty Ltd
(21) 2024900391 (22) 19.02.2024
(54) mandibular advancement splint that fits
over orthodontic work

(71) Paladin Space Pty Ltd
(21) 2024900370 (22) 16.02.2024
(54) AN OBJECT COLLECTION CONTAIN-
ER

(71) Palmer, P.
(21) 2024900388 (22) 18.02.2024
(54) Trailer boat release and capture device.

(71) PLUFIN Group PTY LTD
(21) 2024900368 (22) 16.02.2024
(54) ARRANGEMENTS FOR MOUNTING
A GROUND ENGAGING MEMBER TO
A MECHANICAL EARTH-WORKING
TOOL

(71) Proteomics International Pty Ltd
(21) 2024900353 (22) 14.02.2024
(54) Airway disease biomarkers

Provisional Applications Filed - Name Index cont'd

<p>(71) ResMed Pty Ltd (21) 2024900344 (22) 14.02.2024 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME</p>	<p>(21) 2024900391</p>	<p>filters, waste bins, air conditioning units, pets</p>
<p>(71) RIPEN TECH PTY LTD (21) 2024900385 (22) 17.02.2024 (54) An installation method for real-time fruit, vegetable, seeds, and nuts monitoring.</p>	<p>The Heart Research Institute Limited see The University of Sydney (21) 2024900360</p>	<p>(71) WEIR MINERALS AUSTRALIA LTD (21) 2024900420 (22) 21.02.2024 (54) WEAR RESISTANT RUBBER COMPOSITION FOR USE ON MINING EQUIPMENT</p>
<p>(71) Rocbyrne Pty Ltd (21) 2024900347 (22) 14.02.2024 (54) Underground mine refuge chamber thermal shielding</p>	<p>(71) THE LEISURE COLLECTIVE INTERNATIONAL PTY LTD (21) 2024900417 (22) 20.02.2024 (54) Improved leash attachment</p>	<p>(71) WEIR SLURRY GROUP, INC (21) 2024900367 (22) 16.02.2024 (54) TAILINGS DEPOSITION</p>
<p>(71) Royal Melbourne Institute of Technology (21) 2024900351 (22) 14.02.2024 (54) Quantum Sensor Microscopy Devices</p>	<p>(71) The University of Sydney; The Heart Research Institute Limited (21) 2024900360 (22) 15.02.2024 (54) Microfluidic devices</p>	
<p>(71) Saluda Medical Pty Limited (21) 2024900399 (22) 19.02.2024 (54) Methods and systems for programming closed-loop neuromodulation</p>	<p>(71) The University of Western Australia (21) 2024900403 (22) 19.02.2024 (54) Apparatus and Related Method for Tillage/Cultivation Operations</p>	
<p>(71) Samarawickrama, C. (21) 2024900350 (22) 14.02.2024 (54) A Trepine Blade For Preparation of A Donor Corneal Graft</p>	<p>(71) The University of Western Australia (21) 2024900404 (22) 19.02.2024 (54) Apparatus and Related Method for Tillage/Cultivation Operations</p>	
<p>(71) Scaffcover Holdings IP Pty Ltd (21) 2024900362 (22) 15.02.2024 (54) A scaffolding cladding system</p>	<p>(71) Tohl, D. (21) 2024900357 (22) 15.02.2024 (54) A Universal Test Strip Reader</p>	
<p>(71) Scolaro, A. (21) 2024900412 (22) 20.02.2024 (54) A Power Drive</p>	<p>(71) Treeby, D.; Bennett, S. (21) 2024900345 (22) 14.02.2024 (54) A real-time location-based property listing search system</p>	
<p>(71) SDH Australia (21) 2024900378 (22) 16.02.2024 (54) Comminution Device</p>	<p>(71) TRIG POINT PTY LTD (21) 2024900369 (22) 16.02.2024 (54) HINGE</p>	
<p>(71) Shield, E. (21) 2024900359 (22) 15.02.2024 (54) Easy heating and shower solution for surfers</p>	<p>(71) Vatea Pty Ltd (21) 2024900371 (22) 16.02.2024 (54) A powdered wash dispenser</p>	
<p>(71) Shilp Ramnagar Pty Ltd (21) 2024900386 (22) 17.02.2024 (54) Virtual Second Opinion Skin Cancer Specialist Clinic</p>	<p>(71) Vet Med IP Pty Ltd (21) 2024900421 (22) 21.02.2024 (54) A PROBIOTIC AND ENZYME PREPARATION FOR TREATING SKIN CONDITIONS</p>	
<p>(71) Smith, W. (21) 2024900358 (22) 15.02.2024 (54) KEEL FOR A BIRD DECOY</p>	<p>(71) VIDI ASTRA PTY LTD (21) 2024900401 (22) 19.02.2024 (54) METHOD AND SYSTEM FOR RANGING</p>	
<p>SnoreEase Pty Ltd see ODL Sleep Services Pty Ltd</p>	<p>(71) VMC Co Pty Ltd (21) 2024900354 (22) 14.02.2024 (54) Process of enclosing essential items such as, but not limited to- pool pumps/</p>	

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2024900338	davern, m.	2024900405	Berserq Pte Ltd
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2024900343	Commonwealth Scientific and Industrial Research Organisation	2024900408	BLAST FURNACE DEVELOPMENTS PTY LTD
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2024900364	Galvin, S.		
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2024900372	4FRONT PROJECT MANAGEMENT PTY LTD		
2024900373	APPLIED ELECTRIC VEHICLES LTD		
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2024900375	APPLIED ELECTRIC VEHICLES LTD		
2024900376	Monash University		
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2024900381	Flinders University		
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2024900385	RIPEN TECH PTY LTD		
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2024900388	Palmer, P.		
2024900389	Future Roofing Australia Pty Ltd		
2024900390	Kljuje, U.		
2024900391	ODL Sleep Services Pty Ltd; SnoreEase Pty Ltd		
2024900392	Mineral Carbonation International Pty Ltd		
2024900393	Cytomatrix Limited		
2024900394	NewSouth Innovations Pty Limited		
2024900395	HireYu Pty Ltd		
2024900396	ISLE VENTURE PTY LTD		
2024900397	Icon23 Pty Ltd		
2024900398	Gestalt Law Pty Ltd; Bancroft, S.		
2024900399	Saluda Medical Pty Limited		
2024900400	Heatseeker Technologies Pty Ltd		
2024900401	VIDI ASTRA PTY LTD		
2024900402	CBH Group		
2024900403	The University of Western Australia		
2024900404	The University of Western Australia		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 13 Feb 2024 .

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

<hr/> <p>(71) Acres Technology (21) 2024200982 (22) 15.02.2024 (54) Method and Apparatus for Selectively Indicating Win Probability</p> <hr/> <p>(71) Adgero UK Ltd (21) 2024201026 (22) 16.02.2024 (54) HYBRIDIZATION DEVICE INTEGRATED INTO A VEHICLE</p> <hr/> <p>Adimab, LLC see Merck Sharp & Dohme LLC (21) 2024201084</p> <hr/> <p>(71) Adobe Inc. (21) 2024201093 (22) 20.02.2024 (54) GENERATING AND VISUALIZING PLANAR SURFACES WITHIN A THREE-DIMENSIONAL SPACE FOR MODIFYING OBJECTS IN A TWO-DIMENSIONAL EDITING INTERFACE</p> <hr/> <p>(71) Adobe Inc. (21) 2024201096 (22) 20.02.2024 (54) GENERATING MODIFIED TWO-DIMENSIONAL IMAGES BY CUSTOMIZING FOCAL POINTS VIA THREE-DIMENSIONAL REPRESENTATIONS OF THE TWO-DIMENSIONAL IMAGES</p> <hr/> <p>(71) ADvantage Therapeutics, Inc. (21) 2024201099 (22) 20.02.2024 (54) Treatment and prevention of Alzheimer's Disease (AD)</p> <hr/> <p>Aegis Therapeutics, LLC see Indivior Inc. (21) 2024201047</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2024201046 (22) 19.02.2024 (54) APPARATUS AND PROCESS FOR ABSORPTION CHILLER UTILIZATION FOR ENVIRONMENTALLY FRIENDLY HYDROGEN PRODUCTION</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI (21) 2024200975 (22) 15.02.2024</p>	<p>(54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE ALAS1 GENE</p> <hr/> <p>(71) Amgen Inc.; Cytokinetics, Inc. (21) 2024200991 (22) 15.02.2024 (54) Methods of treating heart failure with cardiac sarcomere activators</p> <hr/> <p>(71) Amgen Inc. (21) 2024201038 (22) 16.02.2024 (54) Adaptive electrode arrangement for implementation in a cell incubator system and applications thereof</p> <hr/> <p>(71) Amgen Inc. (21) 2024201097 (22) 20.02.2024 (54) Torque driven drug delivery device</p> <hr/> <p>(71) AMO Groningen B.V. (21) 2024201091 (22) 20.02.2024 (54) Diffractive intraocular lenses for extended range of vision</p> <hr/> <p>APHP (Assistance Publique - Hôpitaux de Paris) see Université Paris-Sud XI (21) 2024201048</p> <hr/> <p>(71) Apple Inc. (21) 2024200956 (22) 14.02.2024 (54) Sharing user-configurable graphical constructs</p> <hr/> <p>(71) Apple Inc. (21) 2024200958 (22) 14.02.2024 (54) Electronic device with rotatable input mechanism for navigating calendar application</p> <hr/> <p>(71) Apple Inc. (21) 2024201005 (22) 16.02.2024 (54) Implementation of biometric authentication</p> <hr/> <p>(71) Apple Inc. (21) 2024201007 (22) 16.02.2024 (54) Avatar navigation, library, editing and creation user interface</p> <hr/> <p>(71) Apple Inc. (21) 2024201008 (22) 16.02.2024</p>	<p>(54) Systems and methods for interacting with multiple applications that are simultaneously displayed on an electronic device with a touch-sensitive display</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024200993 (22) 15.02.2024 (54) A METHOD OF OPERATING A GAMING MACHINE, A GAMING MACHINE AND A GAME CONTROLLER</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024201105 (22) 20.02.2024 (54) A GAMING DEVICE</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024201106 (22) 20.02.2024 (54) A GAMING DEVICE</p> <hr/> <p>(71) ASSA ABLOY Australia Pty Limited (21) 2024201036 (22) 16.02.2024 (54) A LOCK ASSEMBLY WITH A RETENTION MEANS</p> <hr/> <p>(71) Auckland UniServices Limited; OcuNexus Therapeutics Inc. (21) 2024201060 (22) 19.02.2024 (54) Channel modulators</p> <hr/> <p>(71) BAE Systems Plc. (21) 2024201063 (22) 19.02.2024 (54) A system for improved data storage and retrieval</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2024200995 (22) 15.02.2024 (54) Catheter assembly</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2024201077 (22) 20.02.2024 (54) Disinfection cap for IV needleless connectors</p> <hr/> <p>(71) BEDGEAR, LLC (21) 2024200947 (22) 14.02.2024 (54) BEDDING SYSTEM</p>
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(71) Bettergy Corp.; The Research Foundation for the State University of New York
(21) 2024201087 (22) 20.02.2024
(54) Metal alloy/oxide, metal alloy/nitride composite catalyst for ammonia decomposition

(71) Bio-Rad Laboratories, Inc.
(21) 2024201054 (22) 19.02.2024
(54) SYSTEM AND METHOD FOR AUTOMATED SINGLE CELL PROCESSING AND ANALYSES

(71) BLANCO GmbH + Co KG
(21) 2024201044 (22) 16.02.2024
(54) Device For Providing Prepared Fluid As Well As Sanitary Fittings

(71) Bruce Keys; Cameron Waddell
(21) 2024200952 (22) 14.02.2024
(54) Odour control system

(71) BXB Digital Pty Limited
(21) 2024201068 (22) 19.02.2024
(54) SYSTEMS AND METHODS FOR TRACKING PROMOTIONS

(71) Calcimedica, Inc.
(21) 2024201080 (22) 20.02.2024
(54) CRAC channel inhibitor compositions

Cameron Waddell see Bruce Keys
(21) 2024200952

Centre National De La Recherche Scientifique see Université Paris-Sud XI
(21) 2024201048

(71) Cepheid
(21) 2024200973 (22) 15.02.2024
(54) System, device and methods of sample processing using semiconductor detection chips

(71) Cepheid
(21) 2024201113 (22) 21.02.2024
(54) Molecular diagnostic assay system

(71) Christie & Christie Pty Ltd
(21) 2024201101 (22) 20.02.2024
(54) Novelty Nail cutting or trimming tool

(71) Cloudbreak Therapeutics, LLC
(21) 2024200946 (22) 14.02.2024
(54) COMPOSITIONS AND METHODS FOR TREATING PTERYGIUM

(71) ConMed Corporation
(21) 2024201035 (22) 16.02.2024

(54) SHEATHED SURGICAL SAW BLADE WITH BEARINGS

Cornell University see Université Paris-Sud XI
(21) 2024201048

Cytokinetics, Inc. see Amgen Inc.
(21) 2024200991

(71) D'Antonio Guzman, D.
(21) 2024201070 (22) 20.02.2024
(54) Modularly designed and assembled motor vehicle with a propelled and hydraulic aided, detachable passenger skeleton cabin embodiment for safety before and during vehicular collision.

(71) Dana-Farber Cancer Institute, Inc.
(21) 2024200994 (22) 15.02.2024
(54) Glucocorticoid-induced tumor necrosis factor receptor (GITR) antibodies and methods of use thereof

(71) Dana-Farber Cancer Institute, Inc.
(21) 2024201022 (22) 16.02.2024
(54) IL-23R antagonists to reprogram intratumoral T regulatory cells into effector cells

(71) DEEPINTENT, INC.
(21) 2024200929 (22) 13.02.2024
(54) INTEGRATED SEARCHING OF DATA IN CAMPAIGN PLANNING

(71) Depuy Ireland Unlimited Company, Inc.
(21) 2024200957 (22) 14.02.2024
(54) Guided osteotome

(71) Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
(21) 2024201102 (22) 20.02.2024
(54) Reducing domain shift in neural motion controllers

(71) Dispensing Technologies B.V.
(21) 2024201037 (22) 16.02.2024
(54) Sprayer device with aerosol functionality (Flairosol®)

(71) Dolby International AB
(21) 2024201052 (22) 19.02.2024
(54) IMPROVED SUBBAND BLOCK BASED HARMONIC TRANSPOSITION

(71) EEEZZ RAINWATER SYSTEMS LIMITED
(21) 2024201043 (22) 16.02.2024

(54) Improvements in Connections Between Spouting and a Downpipe

(71) Eli Lilly and Company
(21) 2024201004 (22) 16.02.2024
(54) Process for preparing a GIP/GLP1 dual agonist

(71) Eli Lilly and Company
(21) 2024201075 (22) 20.02.2024
(54) Methods and apparatus for visual-aware hierarchy-based object recognition

(71) Eli Lilly and Company
(21) 2024201076 (22) 20.02.2024
(54) Methods and apparatus for visual-aware hierarchy-based object recognition

ETH Zürich (Eidgenössische Technische Hochschule Zürich) see Disney Enterprises, Inc.
(21) 2024201102

(71) Eureka Therapeutics, Inc.
(21) 2024200970 (22) 15.02.2024
(54) Chimeric Antibody/T-Cell Receptor Constructs And Uses Thereof

(71) Evans, D.; Noyce, R.; Lederman, S.
(21) 2024200997 (22) 15.02.2024
(54) Synthetic chimeric poxviruses

(71) Evolva SA
(21) 2024200962 (22) 14.02.2024
(54) Production of steviol glycosides in recombinant hosts

(71) FERRER, J.
(21) 2024201010 (22) 16.02.2024
(54) SYSTEM AND METHOD FOR REAL-TIME SYNCHRONIZATION OF MEDIA CONTENT VIA MULTIPLE DEVICES AND SPEAKER SYSTEMS

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024201083 (22) 20.02.2024
(54) REGENERATIVE BLOWER

(71) FRYER, P.
(21) 2024201117 (22) 21.02.2024
(54) Fingerprint forensics

(71) GE Energy Power Conversion Technology Limited
(21) 2024201072 (22) 20.02.2024

Complete Applications Filed - Name Index cont'd

(54) POWER SUPPLY SYSTEM FOR ARC FURNACE AND ASSOCIATED ARC FURNACE AND METHOD

(71) Genzyme Corporation; Icahn School of Medicine at Mount Sinai

(21) 2024201085 (22) 20.02.2024

(54) DOSE ESCALATION ENZYME REPLACEMENT THERAPY FOR TREATING ACID SPHINGOMYELINASE DEFICIENCY

(71) Gill, A.

(21) 2024200965 (22) 14.02.2024

(54) Digital Outdoor Display (Digital Sidewalk A Frame)

(71) Globeride, Inc.

(21) 2024200971 (22) 15.02.2024

(54) REAR GRIP BASE MATERIAL, REEL SEAT BASE MATERIAL, AND REAR GRIP AND REEL SEAT FORMED BY REAR GRIP BASE MATERIAL AND REEL SEAT BASE MATERIAL

(71) GTE Group Pty Ltd

(21) 2024201100 (22) 20.02.2024

(54) SYSTEM AND METHOD FOR LOCATION DETERMINATION OF RAIL MOUNTED MATERIAL HANDLING MACHINE

(71) Halliburton Energy Services, Inc.

(21) 2024201081 (22) 20.02.2024

(54) Managing system pressure within shear induced fracture field during hydraulic fracturing operations to increase the effective energy that can be delivered into the reservoir

(71) HCL Technologies Limited

(21) 2024200940 (22) 14.02.2024

(54) METHOD AND SYSTEM FOR DETERMINING COLLABORATION BETWEEN EMPLOYEES USING ARTIFICIAL INTELLIGENCE (AI)

(71) HCL Technologies Limited

(21) 2024200941 (22) 14.02.2024

(54) METHOD AND SYSTEM FOR EVALUATING PERFORMANCE OF DEVELOPERS USING ARTIFICIAL INTELLIGENCE (AI)

(71) Howmedica Osteonics Corp.

(21) 2024201104 (22) 20.02.2024

(54) Pre-operative planning and intra operative guidance for orthopedic surgical procedures in cases of bone fragmentation

(71) Huawei Technologies Co., Ltd.

(21) 2024201095 (22) 20.02.2024

(54) METHOD AND APPARATUS OF CROSS-COMPONENT LINEAR MODELING FOR INTRA PREDICTION

(71) Husqvarna AB

(21) 2024201057 (22) 19.02.2024

(54) LAWN CARE VEHICLE WITH HEADS UP MOWER CONTROLS

(71) HydroVim IP Pty Ltd

(21) 2024201013 (22) 16.02.2024

(54) Balcony Edge Drainage System

(71) Hysential Pty Ltd

(21) 2024200967 (22) 14.02.2024

(54) A Carousel Tissue Dispenser

Icahn School of Medicine at Mount Sinai see Genzyme Corporation

(21) 2024201085

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI see Alnylam Pharmaceuticals, Inc.

(21) 2024200975

(71) ICU Medical, Inc.

(21) 2024201014 (22) 16.02.2024

(54) ANTIMICROBIAL DEVICE COMPRISING A CAP WITH RING AND INSERT

(71) Illinois Tool Works Inc.

(21) 2024200976 (22) 15.02.2024

(54) Vehicle shampoo composition containing graphene

(71) Illinois Tool Works Inc.

(21) 2024200980 (22) 15.02.2024

(54) Chemical composition for removing bug splatter from vehicle windshields

(71) Illinois Tool Works Inc.

(21) 2024201021 (22) 16.02.2024

(54) Fastener-driving tool having a superconductor power source

Illinois Tool Works Inc. see Wnl Concrete Products, LLC

(21) 2024201024

(71) Illinois Tool Works Inc.

(21) 2024201025 (22) 16.02.2024

(54) Fastener-driving tool with one or more combustion chambers and an exhaust gas recirculation system

(71) Illinois Tool Works Inc.

(21) 2024201028 (22) 16.02.2024

(54) Fastener-driving tool with one or more combustion chambers and an exhaust gas recirculation system

(71) Implantica Patent Ltd

(21) 2024201041 (22) 16.02.2024

(54) Fastening Means For Implantable Medical Control Assembly

(71) Impossible Foods Inc.

(21) 2024200978 (22) 15.02.2024

(54) Methods and compositions for consumables

(71) Indivior Inc.; Aegis Therapeutics, LLC

(21) 2024201047 (22) 19.02.2024

(54) Compositions and methods for the treatment of opioid overdose

(71) Initiative Capital Pty Ltd

(21) 2024200954 (22) 14.02.2024

(54) Bulk International Product - Export Model

Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania (21) 2024201011

INSERM (Institut National de la Santé et de la Recherche Médicale) see Université Paris-Sud XI

(21) 2024201048

Inturrisi, C.E. see Manfredi, P.L.

(21) 2024201053

(71) IVERIC bio, Inc.

(21) 2024200948 (22) 14.02.2024

(54) Methods for treating or preventing ophthalmological conditions

(71) JELLISEE OPHTHALMICS INC.

(21) 2024200996 (22) 15.02.2024

(54) INTRAOCULAR LENSES WITH SHAPE-CHANGING OPTICS AND STABILIZING PROPERTIES

(71) Joy Global Surface Mining Inc

(21) 2024201108 (22) 20.02.2024

(54) Modular ground engagement tooling system

(71) Kikkeri, H.

(21) 2024200988 (22) 15.02.2024

(54) Multi-joint Tracking Combining Embedded Sensors and an External

(71) KUCHING INTERNATIONAL LTD.

(21) 2024201120 (22) 21.02.2024

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(54) HIGH-FLOW REVERSE WATER INLET CARTRIDGE SEAT

(71) Kutas, J.
(21) 2024201064 (22) 19.02.2024
(54) Curbside mailbox with convenient box handling features

(71) La Jolla Pharma, LLC
(21) 2024201059 (22) 19.02.2024
(54) Methods for administering angiotensin II

(71) LANDA LABS (2012) LTD.
(21) 2024201086 (22) 20.02.2024
(54) IMPROVED COMPOSITIONS AND METHODS FOR STYLING HAIR FIBERS

(71) Leadfarm (Australia) Pty Ltd
(21) 2024201110 (22) 21.02.2024
(54) Herbicide preparations and processes for manufacture thereof

(71) Leadfarm (Australia) Pty Ltd
(21) 2024201111 (22) 21.02.2024
(54) Preparation method of high content saflufenacil

Lederman, S. see Evans, D.
(21) 2024200997

(71) LG ELECTRONICS INC.
(21) 2024200969 (22) 15.02.2024
(54) REFRIGERATOR

(71) Liebherr-Werk Biberach GmbH
(21) 2024201066 (22) 19.02.2024
(54) Crane and method for controlling such a crane

(71) Lumenis Ltd
(21) 2024201033 (22) 16.02.2024
(54) Method and system for estimating distance between a fiber end and a target

(71) Magic Leap, Inc.
(21) 2024201098 (22) 20.02.2024
(54) Systems and methods for manipulating light from ambient light sources

(71) Manfredi, P.L.; Inturrisi, C.E.
(21) 2024201053 (22) 19.02.2024
(54) D-methadone and its derivatives for use in the treatment of disorders of the nervous system

(71) Megakaryon Corporation; Otsuka Pharmaceutical Factory, Inc.
(21) 2024201062 (22) 19.02.2024
(54) STORAGE LIQUID FOR MAMMALIAN CELLS

(71) Merck Sharp & Dohme LLC; Adimab, LLC
(21) 2024201084 (22) 20.02.2024
(54) Anti-coagulation factor XI antibodies

(71) MERLIN LABS, INC.
(21) 2024201056 (22) 19.02.2024
(54) SYSTEM AND/OR METHOD FOR SEMANTIC PARSING OF AIR TRAFFIC CONTROL AUDIO

(71) MERLIN LABS, INC.
(21) 2024201058 (22) 19.02.2024
(54) System and/or Method for Semantic Parsing of Air Traffic Control Audio

(71) METSO OUTOTEC FINLAND OY
(21) 2024200949 (22) 14.02.2024
(54) WEAR SENSOR AND METHOD OF SENSING WEAR

(71) Milkcan Letterbox Co Pty Ltd
(21) 2024200981 (22) 15.02.2024
(54) A mailbox

(71) MorphoSys AG
(21) 2024201029 (22) 16.02.2024
(54) Combination of an anti-CD19 antibody and a Bruton's tyrosine kinase inhibitor and uses thereof

Morris, J. see Tactical Medical Solutions, LLC
(21) 2024201034

(71) MYTHIC THERAPEUTICS, INC.
(21) 2024201039 (22) 16.02.2024
(54) ANTI-MET ANTIBODIES AND USES THEREOF

(71) Namvar, K.
(21) 2024200968 (22) 15.02.2024
(54) Advertising and Content Distribution in a Multi-Channel Signal Transmission Management System

(71) National Oilwell DHT, L.P.
(21) 2024200953 (22) 14.02.2024
(54) Downhole adjustable bend assemblies

(71) Nicoventures Trading Limited
(21) 2024201017 (22) 16.02.2024
(54) Aerosol generation

(71) niumeitolu, v.
(21) 2024201045 (22) 17.02.2024
(54) Hydropower plant

(71) Novel Microdevices, LLC (DBA Novel Devices)
(21) 2024201090 (22) 20.02.2024
(54) SAMPLE-TO-ANSWER MICROFLUIDIC SYSTEM AND METHOD INCLUDING VERTICAL MICROFLUIDIC DEVICE AND AUTOMATED ACTUATION MECHANISMS

(71) NOVY
(21) 2024201088 (22) 20.02.2024
(54) Method for securing an induction cooking device under a worktop

Noyce, R. see Evans, D.
(21) 2024200997

(71) NRW Holdings Limited
(21) 2024201000 (22) 15.02.2024
(54) A Method and an Apparatus for Installing a Track on a Tracked Machine

(71) NVIDIA Corporation
(21) 2024200989 (22) 15.02.2024
(54) Acceleration of operations

OcuNexus Therapeutics Inc. see Auckland UniServices Limited
(21) 2024201060

(71) oneCureGEN Co., Ltd.
(21) 2024201112 (22) 21.02.2024
(54) Composition comprising VGLL1 peptide for treatment of cancer

(71) OPKO Biologics Ltd.
(21) 2024200950 (22) 14.02.2024
(54) Long-acting coagulation factor VII and methods of producing same

Otsuka Pharmaceutical Factory, Inc. see Megakaryon Corporation
(21) 2024201062

(71) PACCAR Inc
(21) 2024200961 (22) 14.02.2024
(54) CHASSIS MOUNTED ASSEMBLIES FOR ELECTRIC OR HYBRID VEHICLES

(71) Paige.AI, Inc.
(21) 2024200999 (22) 15.02.2024
(54) Systems and methods for analyzing electronic images for quality control

Complete Applications Filed - Name Index cont'd

(71) Patterson, D.
 (21) 2024201027 (22) 16.02.2024
 (54) Killa Bench - a fish cleaning bench for your Jetty or Pontoon handrail

(71) Pentland Firth Software GmbH
 (21) 2024201094 (22) 20.02.2024
 (54) Mobile charging unit for shopping carts and System

(71) Per Aarsleff A/S
 (21) 2024201003 (22) 16.02.2024
 (54) Assembly for relining a junction between a branch pipeline and a main pipeline, and for relining a part of or the whole branch pipeline

(71) PGG Wrightson Seeds Limited
 (21) 2024201118 (22) 21.02.2024
 (54) NUTRIENT LOSS REDUCTION METHOD

(71) Pivot Bio, Inc.
 (21) 2024200944 (22) 14.02.2024
 (54) Methods and compositions for improving plant traits

(71) Pratt Retail Specialties, LLC
 (21) 2024200959 (22) 14.02.2024
 (54) Modular Box Assembly

(71) Pratt Retail Specialties, LLC
 (21) 2024200964 (22) 14.02.2024
 (54) Modular Box Assembly

(71) Print, W.
 (21) 2024200992 (22) 15.02.2024
 (54) Escrow Payment Platform for Blue-collar Trades.

(71) PureCircle USA Inc.
 (21) 2024201079 (22) 20.02.2024
 (54) High-purity steviol glycosides

(71) Qualcomm Incorporated
 (21) 2024201055 (22) 19.02.2024
 (54) CONNECTIVITY TO A LOCAL AREA NETWORK VIA A CELLULAR RADIO ACCESS TECHNOLOGY

(71) Rainmaker Solutions, Inc.
 (21) 2024201042 (22) 16.02.2024
 (54) Hydration and air cooling system

(71) Redcoat Solutions, Inc.
 (21) 2024201061 (22) 19.02.2024
 (54) Bed bugs detection device

(71) REI, Inc.
 (21) 2024201015 (22) 16.02.2024
 (54) Method And System For Component Wear Monitoring

(71) Revolo Biotherapeutics Limited
 (21) 2024200977 (22) 15.02.2024
 (54) Novel protein with anti-inflammatory properties

(71) Revvity Cellular Technologies GmbH
 (21) 2024201049 (22) 19.02.2024
 (54) LOW-POWER MICROSCOPE-OBJECTIVE PRE-SCAN AND HIGH-POWER MICROSCOPE-OBJECTIVE SCAN IN X, Y AND Z-DIRECTION FOR IMAGING OBJECTS SUCH AS CELLS USING A MICROSCOPE

(71) Rodriguez, R.
 (21) 2024200960 (22) 14.02.2024
 (54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT

(71) Sagemcom Energy & Telecom SAS
 (21) 2024200974 (22) 15.02.2024
 (54) Dust filter for gas meter

(71) Sage Products, LLC
 (21) 2024201019 (22) 16.02.2024
 (54) Devices and systems for urine collection

(71) Sagimet Biosciences Inc.
 (21) 2024201067 (22) 19.02.2024
 (54) Heterocyclic modulators of lipid synthesis

(71) Samsung Electronics Co., Ltd.
 (21) 2024201107 (22) 20.02.2024
 (54) Electronic device comprising display with switch

(71) Sandvik Mining and Construction Oy
 (21) 2024201114 (22) 21.02.2024
 (54) MINING VEHICLE CALIBRATION

(71) Sandvik Mining and Construction Oy
 (21) 2024201115 (22) 21.02.2024
 (54) MINING VEHICLE CALIBRATION

(71) Sap Products Limited
 (21) 2024201020 (22) 16.02.2024
 (54) A Connection Kit and a Holder with the Connection Kit

(71) Sarich, T.
 (21) 2024200983 (22) 15.02.2024
 (54) Portable Table

(71) Schneider Electric Industries SAS
 (21) 2024200998 (22) 15.02.2024
 (54) EXHAUST GRID FOR AN ARC EXTINGUISHING DEVICE

(71) Scientia Vascular, Inc.
 (21) 2024201009 (22) 16.02.2024
 (54) Micro-fabricated medical device having a non-helical cut arrangement

(71) Sensile Medical AG
 (21) 2024201103 (22) 20.02.2024
 (54) Acoustic signal generating device

(71) Sequenom, Inc.
 (21) 2024201018 (22) 16.02.2024
 (54) Methods and processes for non-invasive assessment of genetic variations

(71) SiNew Pharma Inc.
 (21) 2024200963 (22) 14.02.2024
 (54) Compounds effective in treating hepatotoxicity and fatty liver diseases and uses thereof

(71) Sirna Therapeutics, Inc.
 (21) 2024200945 (22) 14.02.2024
 (54) RNA interference mediated inhibition of catenin (cadherin-associated protein), beta 1 (CTNNB1) gene expression using short interfering nucleic acid (siNA)

(71) SmartFloors Pty Ltd
 (21) 2024200979 (22) 15.02.2024
 (54) Floor Fall Panels and a Method for the Design Thereof

(71) Smart Medical Devices, Inc.
 (21) 2024200986 (22) 15.02.2024
 (54) STERILIZABLE WIRELESS COMMUNICATION DEVICES

(71) Societe d'Exploitation de Produits pour les Industries Chimiques SEPPIC; TOTALENERGIES ONETECH
 (21) 2024200987 (22) 15.02.2024
 (54) METHOD FOR IMPROVING THE SENSORIAL PROPERTIES OF OIL-IN-WATER EMULSIONS

(71) SPINALCYTE, LLC
 (21) 2024200985 (22) 15.02.2024
 (54) Cellular blend for the regeneration of chondrocytes or cartilage type cells

Complete Applications Filed - Name Index cont'd

(71) Spoke Sciences, Inc.
(21) 2024201078 (22) 20.02.2024
(54) Medicinal compounds and nutritional supplements

(71) Stepan Company
(21) 2024201001 (22) 15.02.2024
(54) Polymeric Dispersants from Phenyl Glycidyl Ether

(71) Stout Industrial Technology, Inc.
(21) 2024200990 (22) 15.02.2024
(54) Modular smart implement for precision agriculture

(71) Surestyle Group Limited
(21) 2024201023 (22) 16.02.2024
(54) A Connection Member

(71) Syngenta Participations AG
(21) 2024201069 (22) 19.02.2024
(54) PLANT GROWTH REGULATION

(71) Tactical Medical Solutions, LLC; Morris, J.
(21) 2024201034 (22) 16.02.2024
(54) TOURNIQUET WITH ROTATABLE BUCKLE ASSEMBLY

(71) Takeda Pharmaceutical Company Limited
(21) 2024201051 (22) 19.02.2024
(54) TREATMENT OF ALZHEIMER'S DISEASE SUBPOPULATIONS WITH POOLED IMMUNOGLOBULIN G

(71) Tau Motors, Inc.
(21) 2024200951 (22) 14.02.2024
(54) Power distribution within an electric machine

(71) Techtronic Cordless GP
(21) 2024200943 (22) 14.02.2024
(54) Edger blades

(71) Techtronic Cordless GP
(21) 2024200955 (22) 14.02.2024
(54) Boom coupler

(71) Techtronic Cordless GP
(21) 2024201082 (22) 20.02.2024
(54) Stapler lockout

(71) Terra Quantum AG
(21) 2024200972 (22) 15.02.2024
(54) Hybrid quantum classical classification system for classifying images and training method

(71) Thandiakkal, J.
(21) 2024201032 (22) 16.02.2024
(54) Near Field Communication technology for irrigation decoder programming

(71) The Boeing Company
(21) 2024201050 (22) 19.02.2024
(54) Emergency oxygen systems for internal cabins of aircraft

(71) The Chinese University of Hong Kong
(21) 2024201092 (22) 20.02.2024
(54) Molecular analyses using long cell-free fragments in pregnancy

(71) The Procter & Gamble Company
(21) 2024200942 (22) 14.02.2024
(54) DOSING INDICATOR

The Research Foundation for the State University of New York see Bettergy Corp.
(21) 2024201087

(71) The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
(21) 2024201011 (22) 16.02.2024
(54) Improved HCV vaccines and methods for using the same

(71) Thoeis GmbH
(21) 2024201089 (22) 20.02.2024
(54) Use of glutamine synthetase for treating hyperammonemia

TOTALENERGIES ONETECH see Societe d'Exploitation de Produits pour les Industries Chimiques SEPPIC
(21) 2024200987

(71) Transportation IP Holdings, LLC
(21) 2024201071 (22) 20.02.2024
(54) TIE-ARRANGEMENT SYSTEM AND METHOD OF DELIVERING TIES

(71) Transportation IP Holdings, LLC
(21) 2024201073 (22) 20.02.2024
(54) VEHICLE SYSTEM AND METHOD

(71) Transportation IP Holdings, LLC
(21) 2024201074 (22) 20.02.2024
(54) DOOR LOCKING MECHANISM DETERMINATION AND VERIFICATION SYSTEM AND METHOD

(71) Treace Medical Concepts, Inc.
(21) 2024201006 (22) 16.02.2024
(54) Joint spacer systems and methods

(71) Twist Bioscience Corporation
(21) 2024201012 (22) 16.02.2024
(54) De novo synthesized combinatorial nucleic acid libraries

Université de Strasbourg see Université Paris-Sud XI
(21) 2024201048

(71) Université Paris-Sud XI; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National De La Recherche Scientifique; Cornell University; Université de Strasbourg; APHP (Assistance Publique - Hôpitaux de Paris)
(21) 2024201048 (22) 19.02.2024
(54) METHODS AND PHARMACEUTICAL COMPOSITION FOR THE TREATMENT AND THE PREVENTION OF CARDIOMYOPATHY DUE TO ENERGY FAILURE

(71) University of Florida Research Foundation, Incorporated
(21) 2024201065 (22) 19.02.2024
(54) Regulation of RAN translation by PKR and eIF2A-P pathways

(71) University of Washington
(21) 2024201002 (22) 16.02.2024
(54) IN SITU COMBINATORIAL LABELING OF CELLULAR MOLECULES

(71) Vanderbilt University
(21) 2024200984 (22) 15.02.2024
(54) Sequelae of cardiopulmonary bypass-induced pulmonary injury

(71) ViaCyte, Inc.
(21) 2024201016 (22) 16.02.2024
(54) ENDOCRINE PRECURSOR CELLS, PANCREATIC HORMONE-EXpressING CELLS AND METHODS OF PRODUCTION

(71) VISIE Inc.
(21) 2024201040 (22) 16.02.2024
(54) Generation of one or more edges of luminosity to form three-dimensional models of objects

(71) W. L. Gore & Associates, Inc.
(21) 2024200966 (22) 14.02.2024
(54) Stomach lining funnel with anastomosis

(71) W. L. Gore & Associates, Inc.
(21) 2024201031 (22) 16.02.2024
(54) Left atrial appendage device and methods

Complete Applications Filed - Name Index cont'd

(71) Wnl Concrete Products, LLC; Illinois
Tool Works Inc.
(21) 2024201024 (22) 16.02.2024
(54) Lifting and jacking apparatus

(71) Zodiac Pool Care Europe
(21) 2024201030 (22) 16.02.2024
(54) Swimming pool cleaner with orientable
liquid flux

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2024200929	DEEPINTENT, INC.	2024201005	Apple Inc.
2024200940	HCL Technologies Limited	2024201006	Treace Medical Concepts, Inc.
2024200941	HCL Technologies Limited	2024201007	Apple Inc.
2024200942	The Procter & Gamble Company	2024201008	Apple Inc.
2024200943	Techtronic Cordless GP	2024201009	Scientia Vascular, Inc.
2024200944	Pivot Bio, Inc.	2024201010	FERRER, J.
2024200945	Sirna Therapeutics, Inc.	2024201011	The Trustees of the University of Pennsylvania; Inovio Pharmaceuticals, Inc.
2024200946	Cloudbreak Therapeutics, LLC	2024201012	Twist Bioscience Corporation
2024200947	BEDGEAR, LLC	2024201013	HydroVim IP Pty Ltd
2024200948	IVERIC bio, Inc.	2024201014	ICU Medical, Inc.
2024200949	METSO OUTOTEC FINLAND OY	2024201015	REI, Inc.
2024200950	OPKO Biologics Ltd.	2024201016	ViaCyte, Inc.
2024200951	Tau Motors, Inc.	2024201017	Nicoventures Trading Limited
2024200952	Bruce Keys; Cameron Waddell	2024201018	Sequenom, Inc.
2024200953	National Oilwell DHT, L.P.	2024201019	Sage Products, LLC
2024200954	Initiative Capital Pty Ltd	2024201020	Sap Products Limited
2024200955	Techtronic Cordless GP	2024201021	Illinois Tool Works Inc.
2024200956	Apple Inc.	2024201022	Dana-Farber Cancer Institute, Inc.
2024200957	Depuy Ireland Unlimited Company, Inc.	2024201023	Surestyle Group Limited
2024200958	Apple Inc.	2024201024	Wnl Concrete Products, LLC; Illinois Tool Works Inc.
2024200959	Pratt Retail Specialties, LLC	2024201025	Illinois Tool Works Inc.
2024200960	Rodriguez, R.	2024201026	Adgero UK Ltd
2024200961	PACCAR Inc	2024201027	Patterson, D.
2024200962	Evolva SA	2024201028	Illinois Tool Works Inc.
2024200963	SiNew Pharma Inc.	2024201029	MorphoSys AG
2024200964	Pratt Retail Specialties, LLC	2024201030	Zodiac Pool Care Europe
2024200965	Gill, A.	2024201031	W. L. Gore & Associates, Inc.
2024200966	W. L. Gore & Associates, Inc.	2024201032	Thandiakkal, J.
2024200967	Hysential Pty Ltd	2024201033	Lumenis Ltd
2024200968	Namvar, K.	2024201034	Tactical Medical Solutions, LLC; Morris, J.
2024200969	LG ELECTRONICS INC.	2024201035	ConMed Corporation
2024200970	Eureka Therapeutics, Inc.	2024201036	ASSA ABLOY Australia Pty Limited
2024200971	Globeride, Inc.	2024201037	Dispensing Technologies B.V.
2024200972	Terra Quantum AG	2024201038	Amgen Inc.
2024200973	Cepheid	2024201039	MYTHIC THERAPEUTICS, INC.
2024200974	Sagemcom Energy & Telecom SAS	2024201040	VISIE Inc.
2024200975	Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	2024201041	Implantica Patent Ltd
2024200976	Illinois Tool Works Inc.	2024201042	Rainmaker Solutions, Inc.
2024200977	Revolo Biotherapeutics Limited	2024201043	EEZZ RAINWATER SYSTEMS LIMITED
2024200978	Impossible Foods Inc.	2024201044	BLANCO GmbH + Co KG
2024200979	SmartFloors Pty Ltd	2024201045	niumeitolu, v.
2024200980	Illinois Tool Works Inc.	2024201046	Air Products and Chemicals, Inc.
2024200981	Milkcan Letterbox Co Pty Ltd	2024201047	Indivior Inc.; Aegis Therapeutics, LLC
2024200982	Acres Technology	2024201048	Université Paris-Sud XI; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National De La Recherche Scientifique; Cornell University; Université de Strasbourg; APHP (Assistance Publique - Hôpitaux de Paris)
2024200983	Sarich, T.	2024201049	Revvity Cellular Technologies GmbH
2024200984	Vanderbilt University	2024201050	The Boeing Company
2024200985	SPINALCYTE, LLC	2024201051	Takeda Pharmaceutical Company Limited
2024200986	Smart Medical Devices, Inc.	2024201052	Dolby International AB
2024200987	Societe d'Exploitation de Produits pour les Industries Chimiques SEPPIC; TOTALENERGIES ONETECH	2024201053	Manfredi, P.L.; Inturrisi, C.E.
2024200988	Kikkeri, H.	2024201054	Bio-Rad Laboratories, Inc.
2024200989	NVIDIA Corporation	2024201055	Qualcomm Incorporated
2024200990	Stout Industrial Technology, Inc.	2024201056	MERLIN LABS, INC.
2024200991	Amgen Inc.; Cytokinetix, Inc.	2024201057	Husqvarna AB
2024200992	Print, W.	2024201058	MERLIN LABS, INC.
2024200993	Aristocrat Technologies Australia Pty Limited	2024201059	La Jolla Pharma, LLC
2024200994	Dana-Farber Cancer Institute, Inc.	2024201060	Auckland UniServices Limited; OcuNexus Therapeutics Inc.
2024200995	Becton, Dickinson and Company	2024201061	Redcoat Solutions, Inc.
2024200996	JELLISEE OPHTHALMICS INC.	2024201062	Megakaryon Corporation; Otsuka Pharmaceutical Factory, Inc.
2024200997	Evans, D.; Noyce, R.; Lederman, S.	2024201063	BAE Systems Plc.
2024200998	Schneider Electric Industries SAS	2024201064	Kutas, J.
2024200999	Paige.AI, Inc.		
2024201000	NRW Holdings Limited		
2024201001	Stepan Company		
2024201002	University of Washington		
2024201003	Per Aarsleff A/S		
2024201004	Eli Lilly and Company		

Complete Applications Filed - Numerical Index cont'd

2024201065	University of Florida Research Foundation, Incorporated
2024201066	Liebherr-Werk Biberach GmbH
2024201067	Sagimet Biosciences Inc.
2024201068	BXB Digital Pty Limited
2024201069	Syngenta Participations AG
2024201070	D'Antonio Guzman, D.
2024201071	Transportation IP Holdings, LLC
2024201072	GE Energy Power Conversion Technology Limited
2024201073	Transportation IP Holdings, LLC
2024201074	Transportation IP Holdings, LLC
2024201075	Eli Lilly and Company
2024201076	Eli Lilly and Company
2024201077	Becton, Dickinson and Company
2024201078	Spoke Sciences, Inc.
2024201079	PureCircle USA Inc.
2024201080	Calcimedica, Inc.
2024201081	Halliburton Energy Services, Inc.
2024201082	Techtronic Cordless GP
2024201083	FISHER & PAYKEL HEALTHCARE LIMITED
2024201084	Merck Sharp & Dohme LLC; Adimab, LLC
2024201085	Genzyme Corporation; Icahn School of Medicine at Mount Sinai
2024201086	LANDA LABS (2012) LTD.
2024201087	Bettery Corp.; The Research Foundation for the State University of New York
2024201088	NOVY
2024201089	Thoeris GmbH
2024201090	Novel Microdevices, LLC (DBA Novel Devices)
2024201091	AMO Groningen B.V.
2024201092	The Chinese University of Hong Kong
2024201093	Adobe Inc.
2024201094	Pentland Firth Software GmbH
2024201095	Huawei Technologies Co., Ltd.
2024201096	Adobe Inc.
2024201097	Amgen Inc.
2024201098	Magic Leap, Inc.
2024201099	ADvantage Therapeutics, Inc.
2024201100	GTE Group Pty Ltd
2024201101	Christie & Christie Pty Ltd
2024201102	Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
2024201103	Sensile Medical AG
2024201104	Howmedica Osteonics Corp.
2024201105	Aristocrat Technologies Australia Pty Limited
2024201106	Aristocrat Technologies Australia Pty Limited
2024201107	Samsung Electronics Co., Ltd.
2024201108	Joy Global Surface Mining Inc
2024201110	Leadfarm (Australia) Pty Ltd
2024201111	Leadfarm (Australia) Pty Ltd
2024201112	oneCureGEN Co., Ltd.
2024201113	Cepheid
2024201114	Sandvik Mining and Construction Oy
2024201115	Sandvik Mining and Construction Oy
2024201117	FRYER, P.
2024201118	PGG Wrightson Seeds Limited
2024201120	KUCHING INTERNATIONAL LTD.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Feb 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) CRIME SCAN PTY LTD
(21) 2024100004 **(22)** 16.02.2024
(54) Mobile Telecommunications Platform
(62) 2021107240

Numerical Index

2024100004 CRIME SCAN 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

2004

2004200431 (14)	2004200464 (14)	2004200495 (14)
2004200498 (14)	2004200526 (14)	2004200530 (14)
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2012209009 (14)	2012211331 (14)	2012211402 (14)
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2023902433 (12AN)		

Assignments before Grant, Section 113

2019

2019201185 Fruit Master Australia Pty Ltd The application has been assigned to **Perfection Fresh Australia Pty Ltd**

2019227827 Second Nature Brands, Inc. The application has been assigned to **FILTREASY, LLC**

2020

2020214288 Sigfox The application has been assigned to **UNABIZ**

2020230787 3P Technik Filtersysteme GmbH; H2O Research GmbH The application has been assigned to **3P Technik Filtersysteme GmbH**

Assignments before Grant, Section 113

2020336468 Codexis, Inc.; Societe des Produits Nestle S.A. The application has been assigned to **Societe des Produits Nestle S.A.**

2021

2021205506 Briori Biotech, Inc. The application has been assigned to **JF Pharma Tech LLC**

2021243894 LG Electronics Inc. The application has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**

2021299509 Pear Therapeutics (US), Inc. The application has been assigned to **Click Therapeutics, Inc.**

2021305950 KCI Licensing, Inc. The application has been assigned to **KCI Manufacturing Unlimited Company**

2021364291 VERTELLUS HOLDINGS LLC The application has been assigned to **Syngenta Crop Protection AG**

2021399216 IMPERIAL COLLEGE INNOVATIONS LIMITED; VAXEQUITY LTD The application has been assigned to **Imperial College Innovations Limited**

2021400063 IMPERIAL COLLEGE INNOVATIONS LIMITED; VAXEQUITY LTD The application has been assigned to **Imperial College Innovations Limited**

2021407690 Shenzhen Sungening Biological Co., Ltd; CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD.; SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD. The application has been assigned to **Shenzhen Sungening Biological Co., Ltd**

2022

2022210123 SUMITOMO HEAVY INDUSTRIES, LTD.; EREX CO., LTD. The application has been assigned to **SUMITOMO HEAVY INDUSTRIES, LTD.**

2022235568 Teleflex Life Sciences Limited The application has been assigned to **Teleflex Life Sciences LLC**

2022252821 LG Electronics Inc. The application has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**

2022296124 ELECTRICAL ENGINEERING SOLUTIONS PTY LTD The application has been assigned to **POE-X Pty Ltd**

2022328406 Zhongwei New Energy (Chengdu) Co., Ltd. The application has been assigned to **Tongwei Solar (Chengdu) Co., Ltd**

2023

2023202899 LG Electronics Inc. The application has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**

2023255038 Hundegger, Hans The application has been assigned to **Hans Hundegger Beteiligungs GmbH & Co.KG**

Assignments before Grant, Section 113

2023900389 Over 3 Oceans Pty Ltd The application has been assigned to **Wovodich, Scott**

2023900431 Digney, Damien The application has been assigned to **Calcining Investments Pty Ltd**

2023902067 Thermal Armour Holdings Pty Ltd The application has been assigned to **Thermal Armour IP Pty Ltd**

2023902312 DIGNEY, Damien The application has been assigned to **Calcining Investments Pty Ltd**

2023903437 FONTERRA CO-OPERATIVE GROUP LIMITED; Cakir-Fuller, Esra; Chuang, Chih-Chieh; Mehrabadi, Abbas; Pritchard, Mark; Elgar, David Francis The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

Extensions of Time, Section 223**Applications Received**

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

2015

2015249417 **Lumus Ltd.** An application to extend the time from 21 Apr 2023 to 21 Jan 2024 in which to pay a renewal fee has been filed . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2015266276 **Geberit International AG** An application to extend the time from 13 May 2023 to 13 Jan 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016200442 **Nan Ya Plastics Corporation** An application to extend the time from 27 Jan 2023 to 27 Nov 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018

2018206755 **SW Energy Technologies** An application to extend the time from 17 Jan 2024 to 17 Jul 2024 in which to gain acceptance has been filed . Address for service - SW Energy Technologies 2/454 Scarborough Beach Road Suite 510 Osborne Park WA 6017 AU

2018263853 **The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College** An application to extend the time from 01 May 2023 to 01 Dec 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019

2019272004 **ELLUMINATION PTY LTD** An application to extend the time from 05 Feb 2023 to 05 Nov 2023 in which to pay a renewal fee has been filed . Address for service - ELLUMINATION PTY LTD 2A Gale street Concord NSW 2137 AU

Extensions of Time, Section 223**2020**

2020100677 **FYSH, D.** An application to extend the time from 01 May 2023 to 01 Dec 2023 in which to pay a renewal fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2021

2021386671 **ATTENT AS** An application to extend the time from 25 Jun 2023 to 25 Feb 2024 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021387843 **ATTENT AS** An application to extend the time from 25 Jun 2023 to 25 Feb 2024 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021388804 **ATTENT AS** An application to extend the time from 25 Jun 2023 to 25 Feb 2024 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022204675 **ICahn School of Medicine at Mount Sinai** An application to extend the time from 01 May 2023 to 01 Feb 2024 in which to pay a continuation fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2023

2023284778 **Novartis AG; The Trustees of the University of Pennsylvania** An application to extend the time from 08 Sep 2023 to 08 Jan 2024 in which to make a further application for a divisional patent has been filed . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)**2009**

2009223984 **Global Blue SA** The time in which to pay a renewal fee has been extended to 06 Oct 2023 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

2017

2017101943 **Loyalty.com.au Pty Ltd** The time in which to comply with a direction under Reg 3.2B has been extended to 17 Feb 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2018

2018258673 **Noel, H.** The time in which to gain acceptance has been extended to 16 May 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018335583 **Weber, P.** The time in which to pay the acceptance fee has been extended to 17 Feb 2024 . Address for service - Taiyo Weber 326 Stuart Street Dunedin 9016 NZ

2019

2019215105 **Wellstat Therapeutics Corporation** The time in which to pay a continuation fee has been extended to 01 Oct 2023 . Address for

Extensions of Time, Section 223

service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019222861 **Elube Pty Ltd** The time in which to request examination has been extended to 31 Aug 2023 . Address for service - Clark Intellectual Property Pty Ltd 14 Eaton Street Willoughby NSW 2068 AU

2019409269 **Adverio Pharma GmbH** The time in which to request examination has been extended to 19 Dec 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2019427652 **NTT DOCOMO, INC.** The time in which to request examination has been extended to 07 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020213863 **Dentsply Sirona Inc.; Sirona Dental Systems GmbH** The time in which to request examination has been extended to 07 Feb 2024 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

2020219262 **Gensight Biologics** The time in which to request examination has been extended to 07 Feb 2024 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2022

2022200614 **MiMedx Group, Inc.** The time in which to pay a renewal fee has been extended to 13 Sep 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022202457 **Genemedicine Co., Ltd.** The time in which to pay a continuation fee has been extended to 28 Sep 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022211858 **Think Surgical, Inc.** The time in which to pay a continuation fee has been extended to 02 Oct 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022231733 **NANOBIOSYM, INC.** The time in which to pay a continuation fee has been extended to 14 Dec 2023 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2022246427 **Aristocrat Technologies Australia Pty Limited** The time in which to pay a continuation fee has been extended to 28 Oct 2023 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022271221 **WYZE LABS, INC.** The time in which to enter the National Phase has been extended to 03 Jan 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022271443 **Transportation IP Holdings, LLC** The time in which to pay a continuation fee has been extended to 04 Oct 2023 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022284086 **BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.** The time in which to enter the national phase has been ex-

Extensions of Time, Section 223

tended to 02 Feb 2024 . Address for service - Allens Patent & Trade Mark Attorneys GPO Box 1776Q MELBOURNE VIC 3001 AU

2022287564 **Contoleon, G.** The time in which to associate with a complete application has been extended to 06 Jan 2024 . 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 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.

2008

2008289108 PSMA binding ligand-linker conjugates and methods for using **Purdue Research Foundation** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2018

2018214438 Conveyor idler roller monitoring assembly **Conveyor Innovations Pty Ltd ; e-moola.com Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018391540 Polymorphs **Syngenta Participations AG** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020222299 Novel triterpene derivatives as HIV inhibitors **Hetero Labs Limited** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2024 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2020405222 Personal care compositions and methods for the same **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020406798 Charger and control method therefor **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2024 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2020409806 Mobile robot and control method therefor **LG Electronics Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 01 Feb 2024 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2021

2021240280 Method and apparatus for handling communications between spacecraft operating in an orbital environment and terrestrial telecommunications devices that use terrestrial base station communications **Lynk Global, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2023 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021273567 Fluid treatment systems and methods **Purestream Services, LLC** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022

2022275406 Sporting Equipment and a Method of Manufacturing Same **Raptor Sports Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 14 Feb 2024 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

Amendments Made**2014**

2014304566 **Clinuvel Pharmaceuticals Limited** The nature of the amendment is: Amend the name of the inventor to read Luger, Thomas A.; Loser, Karin and Wolden, Philippe

2017

2017244515 **Toray Industries, Inc.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION FOR TREATMENT AND/OR PREVENTION OF CANCERS

2017272337 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Nov 2023

2017364103 **Johnson & Johnson Consumer Inc.** The nature of the amendment is: Amend the name of the inventor to read McNally, Gerard P.; Pandey, Anurag and Dave, Vipul

2018

2018330188 **The Board of Trustees of the Leland Stanford Junior University** The nature of the amendment is as shown in the statement(s) filed 10 Oct 2023

2018374566 **Acergy France SAS** The nature of the amendment is: Amend the invention title to read Method of welding with melting and welding devices and deactivation of the melting device; corresponding welding apparatus

2018390274 **Ono Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Oct 2023

2020

2020101324 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2023

Amendments

2020201167 **Objective Learning Materials Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104499

2020223306 **Beam Therapeutics Inc.** The nature of the amendment is: Amend the name of the inventor to read SLAYMAKER, Ian; GAUDELLI, Nicole; YU, Yi; ZETSCHKE, Bernd; BORN, David A.; LEE, Seung-Joo; PACKER, Michael; GEHRKE, Jason Michael; PETROSIAN, Natalie; MESSANA, Angelica; BERKOVITCH, Shaunna and BRYSON, David

2020252614 **Daiwa Can Company** The nature of the amendment is: Amend the invention title to read Lock mechanism, equipment connector, container connector, and connection equipment

2020254682 **Lynn, N.** The nature of the amendment is: Amend the invention title to read INDEPENDENT DOUBLE-SIDED MATERIAL FASTENER WITH ADJUSTABLE INTEGRATED TENSIONING DEVICE

2020273376 **Translational Drug Development, LLC** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2023

2020289721 **President and Fellows of Harvard College** The nature of the amendment is: Amend the invention title to read SC-beta cells and compositions and methods for generating the same

2020343671 **Rigel Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2023

2020362080 **Textron Systems Corporation** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2023

2020416640 **BAE Systems plc** The nature of the amendment is: Amend the name of the inventor to read EARL, Simeon Jonathan; GALLAGHER, Sean and JONES, Christopher Charles Rawlinson

2021

2021200815 **Baxalta GmbH; Baxalta Incorporated** The nature of the amendment is: Amend the invention title to read METHODS OF PURIFYING RECOMBINANT ADAMTS13 AND OTHER PROTEINS AND COMPOSITIONS THEREOF

2021232064 **Canopy Biosciences, LLC** The nature of the amendment is: Amend the name of the inventor to read Hennig, Christian

2021396507 **JANUX THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read CAMPBELL, David; DIRAIMONDO, Thomas R. and BHATT, Ramesh

2021409214 **SCHLUMBERGER TECHNOLOGY B.V.** The nature of the amendment is: Amend the name of the inventor to read SERDYUK, Konstantin Mikhailovich; SKACHKOV, Roman Alexandrovich; SERDYUK, Dilara Ildusovna; MIKHALEV, Grigory Yurievich; ZIELINSKA, Barbara; SINGIN, Vitaly Valeryevich; MOISEEV, Aleksander and DOMAKHIN, Evgeny Aleksandrovich

2021450919 **METSO OUTOTEC FINLAND OY** The nature of the amendment is: Amend the name of the inventor to read GÜNTNER, Jochen; WROBEL, Maciej; HAMMERSCHMIDT, Jörg; SCHMIDT, Eberhard and HIRSCH, Sebastian

Amendments

2021458561 **4AG ROBOTICS INC.** The nature of the amendment is: Amend the name of the inventor to read BOUDREAU, Michael Howard; FINDLATER, Kyran Ashley Lawrence; GIBSON, James Boyd and RICHARDSON, Clark Allan

2021460075 **HANSHOW TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read GUIDE RAIL FOR INSTALLING ULTRA-THIN EPD ELECTRONIC SHELF LABEL

2021462605 **MAGALDI POWER S.P.A.** The nature of the amendment is: Amend the invention title to read System and method for thermal energy storage and transfer based upon a bed of fluidized particles

2022

2022201162 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the name of the inventor to read DAIMER, Katharina; KREUSS, Markus and MARZORATI, Mattia

2022206787 **Translational Drug Development, LLC** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2023 and 23 Nov 2023

2022244367 **NOVARTIS AG** The nature of the amendment is: Amend the invention title to read NOVEL CYCLOPENTA[C]PYRROL NEGATIVE ALLOSTERIC MODULATORS OF NR2B

2022272906 **JANUX THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read CAMPBELL, David; DIRAIMONDO, Thomas R. and BHATT, Ramesh

2022274204 **ANTENGENE BIOLOGICS LIMITED** The nature of the amendment is: Amend the name of the inventor to read YUWEN, Hui; HOU, Bing; LI, Tengting; CHEN, Peng; DENG, Min; SHAN, Bo and MEI, Jay

2022311930 **SPR THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read DEBOCK, Matthew; BOGGS, Joseph W.; CROSBY, Nathan; SWAN, Brandon; SELL, Devin and DIMIT, Bryce

2022323335 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Method for establishing secure transmission channel, key determining method, and communication apparatus

2022323509 **THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** The nature of the amendment is: Amend the name of the inventor to read SILVA DE CASTRO, Isabela; APPELLA, Ettore; RAHMAN, Mohammed Arif; APPELLA, Daniel Howard; ROBERT-GUROFF, Marjorie; STAMOS, James D.; FRANCHINI, Genoveffa; HELMOLD HAIT, Sabrina; BISSA, Massimiliano and MILLER JENKINS, Lisa M.

2022326581 **BEIJING WEHAND-BIO PHARMACEUTICAL CO., LTD** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2024

2022327451 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Secure communication method and communication apparatus

Amendments

2022340544 **ALLOSOURCE** The nature of the amendment is: Amend the invention title to read PRE-SHAPED ALLOGRAFT IMPLANT FOR RECONSTRUCTIVE SURGICAL USE AND METHODS OF MANUFACTURE AND USE, AND TOOLS FOR FORMING A PRE-SHAPED ALLOGRAFT IMPLANT FOR RECONSTRUCTIVE SURGICAL USE

2022378179 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery management apparatus and operating method thereof

2022384846 **SUMITOMO CHEMICAL COMPANY, LIMITED** The nature of the amendment is: Amend the invention title to read Method of regenerating nitrous oxide-decomposing catalyst and method of decomposing nitrous oxide

2022470689 **NOHMS TECHNOLOGIES, INC.** The nature of the amendment is: Amend the priority details to read 63/232,330 12 Aug 2021 US

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

2010

2010261904 Hitachi Energy Switzerland AG; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2011

2011202379 JELD-WEN Australia Pty Ltd The name of the patentee has been altered to **Ventora Group Pty Limited**

2012

2012268879 Pangaea Laboratories Ltd The name of the patentee has been altered to **MEDIK8 Limited**

2015

2015416888 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2016

2016228245 Pangaea Laboratories Ltd The name of the patentee has been altered to **MEDIK8 Limited**

2016278893 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2016394894 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2016395014 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2016395961 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2016424708 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

Amendments

2016426958 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2016430166 Hitachi Energy Switzerland AG; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2017

2017219085 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2017295870 Iontra LLC The name of the patentee has been altered to **IONTRA INC**

2017375899 M-TRUST Imaging Limited The name of the applicant has been altered to **Sonalis Imaging Limited**

2017417148 ABB Schweiz AG; Hitachi Energy Switzerland AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2017440765 Hitachi Energy Switzerland AG; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2018

2018222793 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2018231136 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2018231406 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2018231407 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2018251134 Hitachi Energy Switzerland AG ; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2018261510 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2018331966 Hitachi Energy Switzerland AG ; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2018333954 Sen-Jam Pharmaceutical LLC The name of the patentee has been altered to **Sen-Jam Pharmaceutical Inc.**

2018367905 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2018390960 Stichting Hubrecht Organoid Technology; Koninklijke Nederlandse Akademie van Wetenschappen The name of the patentee has been altered to **Koninklijke Nederlandse Akademie van Wetenschappen; HUB Organoids IP B.V.**

Amendments**2019**

2019212433 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2019240163 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2019343715 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2019348020 Hitachi Energy Switzerland AG ; Hitachi Energy Ltd The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2019352596 Hitachi Energy Switzerland AG ; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2020

2020201196 Hitachi Energy Switzerland AG The name of the applicant has been altered to **Hitachi Energy Ltd**

2020201296 Hitachi Energy Switzerland AG The name of the applicant has been altered to **Hitachi Energy Ltd**

2020213278 ABB Schweiz AG; Hitachi Energy Switzerland AG The name of the applicant has been altered to **Hitachi Energy Ltd; ABB Schweiz AG**

2020222103 PerkinElmer Cellular Technologies Germany GmbH The name of the applicant has been altered to **Revvity Cellular Technologies GmbH**

2020234537 Everon24, Inc. The name of the applicant has been altered to **Alsym Energy, Inc.**

2020268944 Regas Srl The name of the applicant has been altered to **Regas S.P.A.**

2020284174 Hitachi Energy Switzerland AG ; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2020393361 Hitachi Energy Switzerland AG; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2020398322 Hitachi Energy Switzerland AG; ABB Schweiz AG The name of the patentee has been altered to **ABB Schweiz AG; Hitachi Energy Ltd**

2021

2021203476 Hitachi Energy Switzerland AG The name of the patentee has been altered to **Hitachi Energy Ltd**

2021374819 Hitachi Energy Switzerland AG; ABB Schweiz AG The name of the applicant has been altered to **Hitachi Energy Ltd; ABB Schweiz AG**

Amendments

2021409576 FLUIDX MEDICAL TECHNOLOGY, LLC The name of the applicant has been altered to **FLUIDX MEDICAL TECHNOLOGY, INC.**

2022

2022200668 GRIES, Gerhard The name of the applicant has been altered to **GRIES, G.; GRIES, R.; TAKÁCS, S.J.**

2022297890 EEKOWALL UNLIMITED The name of the applicant has been altered to **Eekowall Limited**

2022297891 EEKOWALL UNLIMITED The name of the applicant has been altered to **Eekowall Limited**

2022298484 MASSACHUSETTS INSTITUTE OF TECHNOLOGY; WHITEHEAD INSTITUTE OF BIOMEDICAL RESEARCH The name of the applicant has been altered to **MASSACHUSETTS INSTITUTE OF TECHNOLOGY; Whitehead Institute for Biomedical Research**

2022299552 OXFORD BIOMEDICA SOLUTIONS LLC The name of the applicant has been altered to **Oxford Biomedica (US) LLC**

2022299665 EEKOWALL UNLIMITED The name of the applicant has been altered to **Eekowall Limited**

2023

2023203677 Stichting Hubrecht Organoid Technology; Koninklijke Nederlandse Akademie van Wetenschappen The name of the applicant has been altered to **HUB Organoids IP B.V.; Koninklijke Nederlandse Akademie van Wetenschappen**

2023241376 M-TRUST Imaging Limited The name of the applicant has been altered to **Sonalis Imaging Limited**

2023902472 Ocellus Vault Limited The name of the applicant has been altered to **VRF Vault Limited**

2023902623 Ocellus Vault Limited The name of the applicant has been altered to **VRF Vault Limited**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2024200759
 (21) 2024200759 (22) 07.02.2024
 (54) Analyte sensors and sensing methods for the detection of alcohol
 (51) Int. Cl.
 A61B 5/145 (2006.01)
 A61B 5/1473 (2006.01)
 A61B 5/1486 (2006.01)
 (43) 29.02.2024
 (62) 2020337996
 (72) Feldman, Benjamin J.; Ouyang, Tianmei
 (74) FPA Patent Attorneys Pty Ltd

Advanced Accelerator Applications (Italy)
Srl see The Johns Hopkins University
 (21) 2024200850

(71) Aerofoil Energy Ltd
 (11) AU-A-2024200639
 (21) 2024200639 (22) 02.02.2024
 (54) IMPROVEMENTS TO COOLING UNITS
 (51) Int. Cl.
 F25D 23/02 (2006.01)
 A47F 3/04 (2006.01)
 F25D 21/04 (2006.01)
 (43) 29.02.2024
 (62) 2018229958
 (72) McAndrew, Paul
 (74) Madderns Pty Ltd

(71) Afterpay Limited
 (11) AU-A-2023214219
 (21) 2023214219 (22) 07.08.2023
 (54) Integration of multi-user interactions using data linkage
 (51) Int. Cl.
 G06Q 20/22 (2012.01)
 G06Q 20/10 (2012.01)
 G06Q 20/12 (2012.01)
 (31) 17/884,874 (32) 10.08.22 (33) US
 (43) 29.02.2024
 (72) AMBROSE, Jason; LAGOMARSINO, Jon; PARKER HUGHES, Melissa; SAINTILAN, Chloe
 (74) FB Rice Pty Ltd

(71) Ag Growth International Inc.
 (11) AU-A-2024200827
 (21) 2024200827 (22) 09.02.2024
 (54) Drive System for Paddle Belt Conveyor
 (51) Int. Cl.
 B65G 23/02 (2006.01)

(43) 29.02.2024
 (62) 2017279601
 (72) Johnson, Zachary; Klassen, Ronald
 (74) Clark Intellectual Property Pty Ltd

(71) AIR PRODUCTS AND CHEMICALS, INC.
 (11) AU-A-2023214274
 (21) 2023214274 (22) 09.08.2023
 (54) METHOD AND SYSTEM FOR LOAD CONTROL OF RECIPROCATING COMPRESSORS
 (51) Int. Cl.
 F04D 27/00 (2006.01)
 F04D 17/12 (2006.01)
 F04D 25/16 (2006.01)
 (31) 17/886,574 (32) 12.08.22 (33) US
 (43) 29.02.2024
 (72) Zhu, Zhong-Xiang; Espie, David M; Wilson, Graeme Richard; Henzler, Gregory W
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) AIR PRODUCTS AND CHEMICALS, INC.
 (11) AU-A-2023214275
 (21) 2023214275 (22) 09.08.2023
 (54) METHOD AND SYSTEM FOR CONTROLLING PRODUCTION AND STORAGE OF INDUSTRIAL GASES
 (51) Int. Cl.
 F17D 1/04 (2006.01)
 C01C 1/04 (2006.01)
 F17D 1/02 (2006.01)
 F17D 1/20 (2006.01)
 (31) 17/886,562 (32) 12.08.22 (33) US
 (43) 29.02.2024
 (72) Zhu, Zhong-Xiang; Espie, David M; Wilson, Graeme Richard
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2024200795
 (21) 2024200795 (22) 08.02.2024
 (54) Drug delivery device
 (51) Int. Cl.
 A61M 5/142 (2006.01)
 A61M 5/145 (2006.01)
 A61M 5/158 (2006.01)
 A61M 5/315 (2006.01)
 (43) 29.02.2024
 (62) 2022203334
 (72) GIBSON, Scott R.; MOBERG, Sheldon B.; TAHA, Basel Hasan; BOYAV-AL, Margaux Frances; DESTEFANO, Mark A.; LAURENCE, Lawton; LOVE, John C.; HANSON, Ian B.; BENTE, Paul F.; CLEMENTE, Matthew J.; UBACH, Antonio; RAMASWAMY, Ra-

jan; CODD, Daniel S.; BEAVER, Scott; BOKELMAN, Kevin L.; DARDANI, Ian P.; O'CONNOR, Sean M.; FELDMAN, Danielle
 (74) Spruson & Ferguson

(71) Andrews, F.
 (11) AU-A-2022215210
 (21) 2022215210 (22) 10.08.2022
 (54) Mind and Body Exerciser
 (51) Int. Cl.
 A63B 22/00 (2006.01)
 A63B 21/00 (2006.01)
 A63B 21/04 (2006.01)
 A63B 21/055 (2006.01)
 (43) 29.02.2024
 (72) Andrews, Francis
 (74) Francis Andrews

(71) Angel Group Co., Ltd.
 (11) AU-A-2024200895
 (21) 2024200895 (22) 13.02.2024
 (54) Management system
 (51) Int. Cl.
 A63F 13/80 (2014.01)
 (43) 29.02.2024
 (62) 2019427194
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024200297
 (21) 2024200297 (22) 17.01.2024
 (54) User interfaces for managing an account
 (51) Int. Cl.
 G06F 16/24 (2019.01)
 G06F 3/0488 (2022.01)
 G06F 11/32 (2006.01)
 G06F 21/31 (2013.01)
 (43) 29.02.2024
 (62) 2023201843
 (72) Van Os, Marcel; Abrams, Stacey R.; Ahn, Charles; Artemiw, Michael; Bailey, Jennifer; Canavan, Kristin Michele; Chang, Jae Woo; Connor, Teofila; Dye, Alan C.; Eastcott, Steven; Fisher, Jarad M.; Franco, Christine; Fugman, Corey; Haggerty, David; Harbige, David; Heard, Richard W.; Jett, Brian D.; King, Nicholas V.; Mari, Pedro; McLachlan, Mischa; Melim, Aaron; Nagre, Ashish C.; Steele, Glen W.; Suresh, Akila; Williams, Andrew I.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024200760
 (21) 2024200760 (22) 07.02.2024

Applications Open to Public Inspection - Name Index cont'd

- (54) Wearable electronic device with electrodes for sensing biological parameters
- (51) Int. Cl.
G06F 1/16 (2006.01)
- (43) 29.02.2024
(62) 2021261944
- (72) PANDYA, Sameer; CLAVELLE, Adam T.; DE JONG, Erik G.; WITTENBERG, Michael B.; HARRISON-NOONAN, Tobias J.; MELCHER, Martin; ZHANG, Zhipeng; ROACH, Steven C.; CARDINALI, Steven P.
- (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024200812
(21) 2024200812 (22) 09.02.2024
(54) Column interface for navigating in a user interface
- (51) Int. Cl.
G06F 3/0488 (2022.01)
H04H 60/72 (2008.01)
- (43) 29.02.2024
(62) 2022202607
- (72) Van Os, Marcel; Howard, Joe; Lochhead, Jonathan; McGlenn, Joshua; Keighran, Benjamin W.; Chen, Elbert D.; Bachman, William M.; Robbin, Jeffrey L.; Folse, Jennifer L. C.; Kress, Lynne
- (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024200819
(21) 2024200819 (22) 09.02.2024
(54) User interface camera effects
- (51) Int. Cl.
H04N 1/60 (2006.01)
- (43) 29.02.2024
(62) 2023204616
- (72) Dye, Alan C.; Ive, Jonathan P.; Souza Dos Santos, Andre; Behzadi, Arian; Manzari, Johnnie B.; Sorrentino III, Billy; Hermans, Caroline; Irani, Cyrus Daniel; Preston, Daniel Trent; Harris, Elliott; Kim, Emilie; Cao, Frederic; Johnson, Garrett; Paul, Grant; Basket, Jeffrey A.; Malia, Joseph A.; Bereza, Marek; Pivonka, Pavel
- (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2024200829
(21) 2024200829 (22) 09.02.2024
(54) User interfaces for messages
- (51) Int. Cl.
H04W 4/12 (2009.01)
- (43) 29.02.2024
(62) 2022204422
- (72) DALONZO, Christian X.; HONG, Zheng Xuan; KARUNAMUNI, Chanaka G.; PAUL, Grant; MATTHEWS, Christopher D.; LOTTERMOSER, Stephen M.; GARCIA III, Robert; BARER, Elliot A.; BISTOLAS, Eugene M.; CHIKH AL SAGHA, Zuheir; CRAWFORD, Jared A.; DE FILIPPIS, Pierre J.; HORN, Kyle W.; IRWIN, Connor J.; YOUNG, Brandon O.; FANG, Vanessa; HARRIS, Jeffrey D.; FEDERIGHI, Craig M.; AK-BARI, Sheha; BINSZ, Adam T.
- (74) FPA Patent Attorneys Pty Ltd
-
- (71) Applied Hybrid Energy Pty Ltd
(11) AU-A-2024200939
(21) 2024200939 (22) 14.02.2024
(54) ENERGY CONTROL AND GENERATION METHOD AND SYSTEM
- (51) Int. Cl.
H02J 3/46 (2006.01)
H02J 4/00 (2006.01)
H02J 11/00 (2006.01)
- (43) 29.02.2024
(62) 2021282511
- (72) Atanackovic, Petar Branko; Ellice-Flint, John Charles
- (74) Madderns Pty Ltd
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023206180
(21) 2023206180 (22) 20.07.2023
(54) DYNAMIC WHEEL
- (51) Int. Cl.
G07F 17/32 (2006.01)
- (31) 18/222,054 (32) 14.07.23 (33) US
63/397,057 11.08.22 US
63/407,803 19.09.22 US
- (43) 29.02.2024
(72) MASINTER II, Joseph; THOMAS, Alfred; JOSUE, Jehoshua
- (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023206181
(21) 2023206181 (22) 20.07.2023
(54) DYNAMIC WHEEL
- (51) Int. Cl.
G07F 17/32 (2006.01)
- (31) 18/222,110 (32) 14.07.23 (33) US
63/397,057 11.08.22 US
63/407,803 19.09.22 US
- (43) 29.02.2024
(72) MASINTER II, Joseph; THOMAS, Alfred; JOSUE, Jehoshua
- (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023206182
(21) 2023206182 (22) 20.07.2023
(54) DYNAMIC WHEEL
- (51) Int. Cl.
G07F 17/32 (2006.01)
- (31) 18/222,171 (32) 14.07.23 (33) US
63/397,057 11.08.22 US
63/407,803 19.09.22 US
- (43) 29.02.2024
(72) MASINTER II, Joseph; THOMAS, Alfred; JOSUE, Jehoshua
- (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023214252
(21) 2023214252 (22) 08.08.2023
(54) Augmented Reality Reward Game
- (51) Int. Cl.
A63F 13/45 (2014.01)
A63F 9/30 (2006.01)
G07F 17/32 (2006.01)
- (31) 18/364,986 (32) 03.08.23 (33) US
63/398,043 15.08.22 US
- (43) 29.02.2024
(72) Dhaliwal, Upinder; Droukas, Eric
- (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024200769
(21) 2024200769 (22) 07.02.2024
(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
- (51) Int. Cl.
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
- (43) 29.02.2024
(62) 2021286377
- (72) FONG, Colin
- (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024200831
(21) 2024200831 (22) 09.02.2024
(54) A GAMING SYSTEM AND METHOD OF GAMING
- (51) Int. Cl.
G07F 17/32 (2006.01)
- (43) 29.02.2024
(62) 2021290339
- (72) BRAMBLE, Paul Francis Jason
- (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024200858
(21) 2024200858 (22) 09.02.2024
(54) A Gaming System and a Method of Gaming
- (51) Int. Cl.
A63F 13/00 (2014.01)
- (43) 29.02.2024
(62) 2022200917
- (72) BARBALET, Thomas Samuel
- (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024200918
(21) 2024200918 (22) 13.02.2024
(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
- (51) Int. Cl.
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
- (43) 29.02.2024
(62) 2021282507
- (72) CRISPINO, Oliver; MCLENAGHAN, Ben
- (74) Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

(71) ARK Corporation Pty Ltd
 (11) AU-A-2024200763
 (21) 2024200763 (22) 07.02.2024
 (54) Trailer connector
 (51) Int. Cl.
G01R 31/00 (2006.01)
B60D 1/64 (2006.01)
B60Q 1/30 (2006.01)
B60Q 11/00 (2006.01)
G07C 5/00 (2006.01)
G07C 5/08 (2006.01)
 (43) 29.02.2024
 (62) 2019236650
 (72) ARAKELIAN, Richard; MIRFEND-ERESKI, Shojaeddin; KUO, Hsuan-chi
 (74) Spruson & Ferguson

(71) Avid Technology Inc.
 (11) AU-A-2023214276
 (21) 2023214276 (22) 09.08.2023
 (54) Finding the semantic region of interest in images
 (51) Int. Cl.
G06V 10/82 (2022.01)
G06N 3/02 (2006.01)
G06T 7/11 (2017.01)
G06T 11/00 (2006.01)
G06V 10/25 (2022.01)
G06V 10/74 (2022.01)
 (31) 17/884607 (32) 10.08.22 (33) US
 (43) 29.02.2024
 (72) Gonsalves, Robert
 (74) Davies Collison Cave Pty Ltd

(71) Beaton, A.
 (11) AU-A-2023214384
 (21) 2023214384 (22) 11.08.2023
 (54) Picket Fence Assembly
 (51) Int. Cl.
E04H 17/14 (2006.01)
 (31) 2022902301 (32) 14.08.22 (33) AU
 (43) 29.02.2024
 (72) Beaton, Andrew
 (74) Sandercock & Cowie

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023214208
 (21) 2023214208 (22) 07.08.2023
 (54) Quantum noise cancellation method and apparatus in quantum operation, electronic device, and medium
 (51) Int. Cl.
G06N 10/00 (2022.01)
 (31) 202210952347.0 (32) 09.08.22 (33) CN
 (43) 29.02.2024
 (72) WANG, Xin; ZHU, Chenghong; ZHAO, Xuanqiang
 (74) Davies Collison Cave Pty Ltd

(71) Beijing Tusen Weilai Technology Co., Ltd.
 (11) AU-A-2024200830
 (21) 2024200830 (22) 09.02.2024
 (54) Automatic driving system
 (51) Int. Cl.
G05D 1/20 (2024.01)

B60W 50/02 (2012.01)
B60W 50/023 (2012.01)
B60W 50/14 (2020.01)
B60W 60/00 (2020.01)
G05D 1/00 (2024.01)
G05D 1/22 (2024.01)
 (43) 29.02.2024
 (62) 2018399375
 (72) WU, Nan
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023211029
 (21) 2023211029 (22) 07.08.2023
 (54) Server
 (51) Int. Cl.
H05K 7/20 (2006.01)
G06F 1/20 (2006.01)
 (31) 202222116078.2 (32) 11.08.22 (33) CN
 (43) 29.02.2024
 (72) MA, Zhihua; LI, Haiquan
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023211362
 (21) 2023211362 (22) 07.08.2023
 (54) Server
 (51) Int. Cl.
H05K 7/20 (2006.01)
 (31) 202222115215.0 (32) 11.08.22 (33) CN
 (43) 29.02.2024
 (72) MA, Zhihua; LI, Haiquan; LUAN, Xipeng
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023211707
 (21) 2023211707 (22) 07.08.2023
 (54) Server
 (51) Int. Cl.
H05K 7/20 (2006.01)
G06F 1/20 (2006.01)
 (31) 202222115214.6 (32) 11.08.22 (33) CN
 (43) 29.02.2024
 (72) MA, Zhihua; LI, Haiquan
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (11) AU-A-2023214207
 (21) 2023214207 (22) 07.08.2023
 (54) Memory case and server
 (51) Int. Cl.
H05K 7/00 (2006.01)
 (31) 202222115213.1 (32) 11.08.22 (33) CN
 (43) 29.02.2024
 (72) MA, Zhihua; LI, Haiquan; LUAN, Xipeng
 (74) FB Rice Pty Ltd

(71) Biofouling Technologies, Inc.
 (11) AU-A-2024200897
 (21) 2024200897 (22) 13.02.2024
 (54) Durable biofouling protection
 (51) Int. Cl.

B01D 21/00 (2006.01)
B01D 65/02 (2006.01)
B01D 65/08 (2006.01)
C02F 1/00 (2023.01)
C02F 1/58 (2023.01)
G01N 31/22 (2006.01)
 (43) 29.02.2024
 (62) 2022202455
 (72) MCMURRAY, Brian; SHARP, Cliff; TERMINI, Mike; RALSTON, Emily; STEVENS, Abraham; DORMIER, Ed; CALCUTT, Lindsey; BASISTA, Joseph
 (74) Griffith Hack

(71) Blue Ocean Seismic Services Limited
 (11) AU-A-2024200912
 (21) 2024200912 (22) 13.02.2024
 (54) An autonomous data acquisition system and method
 (51) Int. Cl.
G01V 1/38 (2006.01)
B63G 8/00 (2006.01)
G01V 1/16 (2006.01)
 (43) 29.02.2024
 (62) 2022202956
 (72) MANCINI, Fabio; HOLLINGS, Ben
 (74) Griffith Hack

(71) Bluescope Steel Limited
 (11) AU-A-2024200834
 (21) 2024200834 (22) 09.02.2024
 (54) Metal-coated steel strip
 (51) Int. Cl.
C23C 2/04 (2006.01)
C23C 22/77 (2006.01)
 (43) 29.02.2024
 (62) 2022215205
 (72) Renshaw, Wayne Andrew; Tu, Cat; Williams, Joe; Hodges, Jason; Fujii, Shiro; Hirasawa, Takashi; Kondo, Shuichi; Shimoda, Nobuyuki
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024200782
 (21) 2024200782 (22) 08.02.2024
 (54) Medical device transportation systems
 (51) Int. Cl.
A61B 50/33 (2016.01)
A61B 50/00 (2016.01)
A61B 50/30 (2016.01)
A61B 50/36 (2016.01)
 (43) 29.02.2024
 (62) 2020412588
 (72) CUMMINGS, Nathan T.; DANDIN, Jenny; DALENA, Michele E.; BORZILLO, Alyson; LAFLAMME, Ryan; TALSKY, Joshua; COLLINS, Mark; LAROI, John
 (74) Spruson & Ferguson

(71) Brock USA, LLC
 (11) AU-A-2024200909
 (21) 2024200909 (22) 13.02.2024
 (54) Infill for artificial turf system
 (51) Int. Cl.

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D05C 15/08 (2006.01)
E01C 13/08 (2006.01)
F28D 20/00 (2006.01)
(43) 29.02.2024
(62) 2018243393
(72) KEYSER, Stephen; SAWYER, Steven L.
(74) Spruson & Ferguson

(71) Bushbuck Limited
(11) AU-A-2023214282
(21) 2023214282 **(22)** 09.08.2023
(54) INFLATABLE AIR BEAM ANNEX AND TENT ASSEMBLY
(51) Int. Cl.
E04H 15/20 (2006.01)
B60P 3/38 (2006.01)
E04H 15/06 (2006.01)
E04H 15/32 (2006.01)
(31) 17883611 **(32)** 09.08.22 **(33)** US
(43) 29.02.2024
(72) Dunn, Timothy; Rykers, William
(74) Timothy Dunn

(71) Capital One Services, LLC
(11) AU-A-2024200833
(21) 2024200833 **(22)** 09.02.2024
(54) First factor contactless card authentication system and method
(51) Int. Cl.
H04L 9/32 (2006.01)
G06F 21/35 (2013.01)
H04W 4/80 (2018.01)
(43) 29.02.2024
(62) 2020316972
(72) MOSSLER, Lara; NEWMAN, Kaitlin; OSBORN, Kevin
(74) GLMR

(71) Capital One Services, LLC
(11) AU-A-2024200836
(21) 2024200836 **(22)** 09.02.2024
(54) Techniques for call authentication
(51) Int. Cl.
H04M 3/493 (2006.01)
H04M 1/57 (2006.01)
H04M 3/42 (2006.01)
H04M 3/436 (2006.01)
H04M 15/06 (2006.01)
H04Q 3/00 (2006.01)
H04Q 3/72 (2006.01)
H04W 12/00 (2021.01)
H04W 12/04 (2021.01)
H04W 12/06 (2021.01)
H04W 12/10 (2021.01)
(43) 29.02.2024
(62) 2020316988
(72) RULE, Jeffrey; BHATT, Gaurang; GUO, Rocky; CUAN, Lukiih
(74) GLMR

(71) Cheng Shin Rubber Ind. Co., Ltd.
(11) AU-A-2023214220
(21) 2023214220 **(22)** 07.08.2023
(54) Structure for enhancing sidewall marking contrast and tire with the same
(51) Int. Cl.

B60C 13/00 (2006.01)
B29D 30/06 (2006.01)
B29D 30/72 (2006.01)
(31) 111129923 **(32)** 09.08.22 **(33)** TW
(43) 29.02.2024
(72) LIN, Min-chi; HSU, Yu-Hao; CHANG, Chang-Chih; DUONG, Thi Kim Chi
(74) Spruson & Ferguson

(71) Cloudbreak Therapeutics, LLC
(11) AU-A-2024200946
(21) 2024200946 **(22)** 14.02.2024
(54) COMPOSITIONS AND METHODS FOR TREATING PTERYGIUM
(51) Int. Cl.
A61F 9/00 (2006.01)
A61K 38/45 (2006.01)
A61K 39/395 (2006.01)
C12N 9/12 (2006.01)
(43) 29.02.2024
(62) 2021218212
(72) Ni, Jinsong
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Contoleon, G.
(11) AU-A-2022287564
(21) 2022287564 **(22)** 09.12.2022
(54) Gold and precious metal from deep plutonic origins involving high and low silica and subsequent top surface results
(51) Int. Cl.
C22B 11/00 (2006.01)
B02C 15/00 (2006.01)
B02C 17/00 (2006.01)
B04B 3/00 (2006.01)
G01N 1/28 (2006.01)
G01N 1/30 (2006.01)
(31) 2022902669 **(32)** 13.09.22 **(33)** AU
 2022903223 27.10.22 AU
 2021903967 06.12.21 AU
(43) 29.02.2024
(72) Contoleon, George Anthony
(74) George Anthony Contoleon

(71) Dana-Farber Cancer Institute, Inc.
(11) AU-A-2024200560
(21) 2024200560 **(22)** 30.01.2024
(54) Immunogenic peptides specific to BCMA and TACI antigens for treatment of cancer
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 39/00 (2006.01)
(43) 29.02.2024
(62) 2018326805
(72) BAE, Joeeun; MUNSHI, Nikhil C.; ANDERSON, Kenneth C.
(74) WRAYS PTY LTD

(71) Datalog, LLC
(11) AU-A-2024200816
(21) 2024200816 **(22)** 09.02.2024
(54) Log scaling system and related methods
(51) Int. Cl.

G01B 11/02 (2006.01)
G01B 11/08 (2006.01)
G06T 7/60 (2017.01)
G08C 17/02 (2006.01)
(43) 29.02.2024
(62) 2022287673
(72) STROBLE, David
(74) Spruson & Ferguson

(71) DE BRUIN, A.
(11) AU-A-2022215203
(21) 2022215203 **(22)** 07.09.2022
(54) Debco Ergo Skip
(51) Int. Cl.
B62B 3/02 (2006.01)
A61G 12/00 (2006.01)
(43) 29.02.2024
(72) DE BRUIN, ANDRE
(74) ANDRE GIDEON HENDRIK DE BRUIN

(71) DEKA Products Limited Partnership
(11) AU-A-2024200177
(21) 2024200177 **(22)** 11.01.2024
(54) System, method, and apparatus for electronic patient care
(51) Int. Cl.
G16H 20/17 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
G16H 50/20 (2018.01)
G16H 70/40 (2018.01)
(43) 29.02.2024
(62) 2022235534
(72) GORAYEB, Marc J.; KAMEN, Dean; BLUMBERG Jr., David; BIASI, John J.; PRIBYL, Eric L.; KERWIN, John M.
(74) HENRY HUGHES IP LTD

(71) DEKA Products Limited Partnership
(11) AU-A-2024200936
(21) 2024200936 **(22)** 14.02.2024
(54) Endoscope with pannable camera and related method
(51) Int. Cl.
A61B 1/00 (2006.01)
(43) 29.02.2024
(62) 2021232781
(72) HAGGERTY, Andrew M.; GRANT, Kevin L.; VONDRAS, Peter K.; MOREAU, Timothy D.; DEMERS, Jason A.; DAVIS, Daniel B.
(74) HENRY HUGHES IP LTD

(71) Desiccare, Inc.
(11) AU-A-2023216739
(21) 2023216739 **(22)** 14.08.2023
(54) Humidity control system
(51) Int. Cl.
C08J 5/00 (2006.01)
B01D 53/28 (2006.01)
B01J 20/24 (2006.01)
B65D 81/26 (2006.01)
C08J 5/18 (2006.01)
(31) 17/888,340 **(32)** 15.08.22 **(33)** US

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 (72) GLORIOSO, Sammie Joe; BLANKEN-
 HORN, Benjamin Edward
 (74) FB Rice Pty Ltd

(71) Disarm Therapeutics, Inc.
 (11) AU-A-2024200703
 (21) 2024200703 (22) 06.02.2024
 (54) INHIBITORS OF SARM1
 (51) Int. Cl.

C07D 401/04 (2006.01)
A61K 31/4439 (2006.01)
A61P 25/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/04 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/04 (2006.01)
C07D 471/04 (2006.01)
C07D 491/04 (2006.01)

(43) 29.02.2024
 (62) 2021206651
 (72) BENTLEY, Jonathan; BOSANAC, Todd;
 BREARLEY, Andrew Simon; COOPER,
 Sophie Catherine; DEVRAJ, Rajesh;
 HUGHES, Robert Owen; JARJES-
 PIKE, Richard Andrew; MARLIN,
 Frédéric Jacques; PARROTT, Shelley
 Anne; SILVA, Daniel
 (74) Davies Collison Cave Pty Ltd

(71) Dolby International AB
 (11) AU-A-2024200839
 (21) 2024200839 (22) 09.02.2024
 (54) Layered coding and data structure for
 compressed higher-order Ambisonics
 sound or sound field representations
 (51) Int. Cl.

G10L 19/008 (2013.01)

(43) 29.02.2024
 (62) 2021269310
 (72) KORDON, Sven; KRUEGER, Alexan-
 der
 (74) Spruson & Ferguson

(71) Dolby International AB
 (11) AU-A-2024200911
 (21) 2024200911 (22) 13.02.2024
 (54) Method and device for decoding an au-
 dio soundfield representation
 (51) Int. Cl.

H04S 3/02 (2006.01)
G10L 19/00 (2013.01)
G10L 19/008 (2013.01)

(43) 29.02.2024
 (62) 2021282442
 (72) BATKE, Johann-Markus; KEILER, Flori-
 an; BOEHM, Johannes
 (74) Spruson & Ferguson

(71) Donaldson Company, Inc.
 (11) AU-A-2024200821
 (21) 2024200821 (22) 09.02.2024
 (54) Filter cartridges; air cleaner assemblies;
 housings; features; components; and,
 methods
 (51) Int. Cl.

B01D 46/00 (2022.01)
B01D 46/52 (2006.01)

(43) 29.02.2024
 (62) 2018313187
 (72) Gieseke, Steven; Lage, Thomas D.; Ji-
 ang, Gaozhi; Proost, Gert; Craessaerts,
 Johnny; Verstraete, Mathijs; Catoor,
 Bart
 (74) FPA Patent Attorneys Pty Ltd

(71) Dropbox, Inc.
 (11) AU-A-2024200844
 (21) 2024200844 (22) 09.02.2024
 (54) Intelligently generating and managing
 third-party sources within a contextual
 hub
 (51) Int. Cl.

G06F 16/954 (2019.01)

(43) 29.02.2024
 (62) 2021287206
 (72) ARNOLD, Hudson; KLEINPETER,
 Thomas; MCARDLE, Terrence; MEND-
 OZA, Kristoffer
 (74) FPA Patent Attorneys Pty Ltd

(71) Eagle Outdoor Camping Products Co.,
 Ltd.

(11) AU-A-2022263603
 (21) 2022263603 (22) 04.11.2022
 (54) ROTATING STRUCTURE AND TENT
 ASSEMBLY
 (51) Int. Cl.

E04H 15/32 (2006.01)
E04H 15/06 (2006.01)

(31) 2022221172493 (32) 11.08.22 (33) CN
 (43) 29.02.2024
 (72) Deng, Lidan
 (74) Madderns Pty Ltd

(71) Eagle Outdoor Camping Products Co.,
 Ltd.

(11) AU-A-2022263605
 (21) 2022263605 (22) 04.11.2022
 (54) CONNECTING STRUCTURE AND
 CAR TENT
 (51) Int. Cl.

E04H 15/32 (2006.01)
E04H 15/06 (2006.01)

(31) 2022221191278 (32) 11.08.22 (33) CN
 (43) 29.02.2024
 (72) Deng, Lidan
 (74) Madderns Pty Ltd

(71) Edwards Lifesciences Corporation

(11) AU-A-2024200885
 (21) 2024200885 (22) 12.02.2024
 (54) Lock and release mechanisms for
 trans-catheter implantable devices
 (51) Int. Cl.

A61F 2/24 (2006.01)
A61B 17/34 (2006.01)
A61M 25/00 (2006.01)

(43) 29.02.2024
 (62) 2018291171
 (72) DESROSIERS, John J.; MURRAY,
 Daniel James; VALDEZ, Michael G.;

TAYEB, Liron; MAIMON, David; ATIAS,
 Eitan; CARMIL, Adi

(74) Spruson & Ferguson

(71) Endace Technology Limited
 (11) AU-A-2024200791
 (21) 2024200791 (22) 08.02.2024
 (54) INTELLIGENT LOAD BALANCING
 AND HIGH SPEED INTELLIGENT
 NETWORK RECORDERS
 (51) Int. Cl.

H04L 43/026 (2022.01)
G06F 13/40 (2006.01)
G06F 13/42 (2006.01)
H04L 43/106 (2022.01)

(43) 29.02.2024
 (62) 2022203234
 (72) Coddington, Anthony; Donnelly, Steph-
 en; Earl, David; Allen, Maxwell; Wilson,
 Stuart; Brier, William
 (74) AJ PARK

(71) Epizyme, Inc.
 (11) AU-A-2024200781
 (21) 2024200781 (22) 08.02.2024
 (54) SUBSTITUTED FUSED BI- OR TRI-
 HETEROCYCLIC COMPOUNDS AS
 EHMT2 INHIBITORS
 (51) Int. Cl.

C07D 235/30 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/4184 (2006.01)
A61P 7/06 (2006.01)
A61P 35/02 (2006.01)
C07D 209/40 (2006.01)
C07D 277/82 (2006.01)
C07D 405/04 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 491/10 (2006.01)

(43) 29.02.2024
 (62) 2021277619
 (72) Duncan, Kenneth William; Campbell,
 John Emmerson
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Equifax Inc.
 (11) AU-A-2024200809
 (21) 2024200809 (22) 09.02.2024
 (54) Data protection via aggregation-based
 obfuscation
 (51) Int. Cl.

G06F 21/62 (2013.01)
G06F 21/64 (2013.01)

(43) 29.02.2024
 (62) 2018361246
 (72) DONG, Rongrong; MCBURNETT, Mi-
 chael; PARADKAR, Nikhil
 (74) FB Rice Pty Ltd

(71) Equifax Inc.
 (11) AU-A-2024200810
 (21) 2024200810 (22) 09.02.2024
 (54) Training tree-based machine-learning
 modeling algorithms for predicting out-
 puts and generating explanatory data

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G06N 99/00 (2019.01)
- (43) 29.02.2024
(62) 2017437537
- (72) JORDAN, Lewis; TURNER, Matthew; ANTONY, Finto
- (74) FB Rice Pty Ltd
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- (71) Ethium, LLC
(11) AU-A-2024200411
(21) 2024200411 (22) 23.01.2024
(54) Modular lithium-ion battery system for fork lifts
- (51) Int. Cl.
H01M 10/42 (2006.01)
B60L 50/64 (2019.01)
B60L 53/80 (2019.01)
B66F 9/075 (2006.01)
H01M 10/0525 (2010.01)
H01M 10/0567 (2010.01)
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(62) 2018301710
- (72) GUGLIELMO, Kennon; SCHUMANN, Adam; LUDWIG, Brent; MARTIN, Matthew
- (74) Michael Buck IP
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- (71) F. Hoffmann-La Roche AG
(11) AU-A-2024200904
(21) 2024200904 (22) 13.02.2024
(54) Fused ring compounds
- (51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
- (43) 29.02.2024
(62) 2022201413
- (72) MALHOTRA, Sushant; DO, Steven; TERRETT, Jack; XIN, Jianfeng
- (74) Griffith Hack
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- (71) Fanca Technologies Pty Ltd
(11) AU-A-2024200913
(21) 2024200913 (22) 13.02.2024
(54) MOBILE DUST EXTRACTION DEVICE
- (51) Int. Cl.
B01D 46/42 (2006.01)
B01D 46/36 (2006.01)
B01D 46/44 (2006.01)
- (43) 29.02.2024
(62) 2017210486
- (72) Fanning, Andrew
- (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Fenwal, Inc.
(11) AU-A-2024200620
(21) 2024200620 (22) 01.02.2024
(54) Sample tube holder and system and method employing same
- (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/154 (2006.01)
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- (43) 29.02.2024
(62) 2018227418
- (72) LYNN, Daniel; KOEHLER, Lynn; MATSER, Timo
- (74) Spruson & Ferguson
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024200756
(21) 2024200756 (22) 07.02.2024
(54) A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIRWAY
- (51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/20 (2006.01)
- (43) 29.02.2024
(62) 2021232661
- (72) Holyoake, Bruce Gordon; Cheung, Dexter Chi Lun; Patel, Anil; Nouraei, Seyed Ahmad Reza; Assi, Milanjot Singh; Barnes, Thomas Heinrich; Evans, Alicia Jerram Hunter; White, Craig Karl; Payton, Matthew Jon; Hermez, Laith Adeeb; Klink, German; Oldfield, Samantha Dale; Edwards, Taylor Jamer; Burgess, Aidan Robert
- (74) AJ PARK
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024200868
(21) 2024200868 (22) 12.02.2024
(54) MAINTENANCE SYSTEMS AND METHODS FOR MEDICAL DEVICES
- (51) Int. Cl.
G06F 17/40 (2006.01)
G05B 23/00 (2006.01)
G06Q 50/22 (2018.01)
- (43) 29.02.2024
(62) 2021282542
- (72) Cheung, Dexter Chi Lun; Liang, Wenjie Robin; Kwan, Ian Lee Wai
- (74) AJ PARK
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024200872
(21) 2024200872 (22) 12.02.2024
(54) AUTOMATICALLY ADJUSTING HEADGEAR FOR PATIENT INTERFACE
- (51) Int. Cl.
A61M 16/06 (2006.01)
A62B 9/04 (2006.01)
A62B 18/08 (2006.01)
- (43) 29.02.2024
(62) 2021250893
- (72) HAMMER, Jeroen; MCLAREN, Mark Arvind; KAPELEVICH, Vitaly; HUD-DART, Brett John
- (74) AJ PARK
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- (71) GENENTECH, INC.
(11) AU-A-2024200864
(21) 2024200864 (22) 12.02.2024
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- (54) Anti-PD-L1 antibodies and their use to enhance T-cell function
- (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
- (43) 29.02.2024
(62) 2020204593
- (72) IRVING, Bryan; CHEUNG, Jeanne; CHIU, Henry; LEHAR, Sophie M.; MAECKER, Heather; MARIATHASAN, Sanjeev; WU, Yan
- (74) Griffith Hack
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- (71) GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
(11) AU-A-2024200875
(21) 2024200875 (22) 12.02.2024
(54) NOVEL IBUPROFEN AND ACETAMINOPHEN COMPOSITION
- (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 45/06 (2006.01)
- (43) 29.02.2024
(62) 2020301401
- (72) ANDREWS, Christine Drumheller; KELLSTEIN, David Ellis; KINTER, Kevin Scott; SHAW, Bonny Rene
- (74) AJ PARK
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- (71) Google LLC
(11) AU-A-2024200711
(21) 2024200711 (22) 06.02.2024
(54) MANAGING SECURITY KEYS IN A COMMUNICATION SYSTEM
- (51) Int. Cl.
H04W 12/00 (2021.01)
H04W 12/04 (2021.01)
H04W 76/27 (2018.01)
- (43) 29.02.2024
(62) 2020329305
- (72) WU, Chih-Hsiang
- (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Great Plains Manufacturing, Inc.
(11) AU-A-2024200887
(21) 2024200887 (22) 13.02.2024
(54) Compact Utility Loader
- (51) Int. Cl.
E02F 9/08 (2006.01)
E02F 3/34 (2006.01)
E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
- (43) 29.02.2024
(62) 2022200743
- (72) Carlson, Jason; Takemura, Toshihiko; Relph, John; Shobe, Matthew; Welsh, Jeff
- (74) SR Intellectual Property
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- (71) Hazero Limited
(11) AU-A-2023214290
(21) 2023214290 (22) 10.08.2023
(54) Modular Dangerous Goods Cabinet and Methods of Assembly

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A47B 47/00 (2006.01)
A47B 47/02 (2006.01)
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(43) 29.02.2024
(72) DECK, Reuben Mark
(74) CreatelP

(71) HCL Technologies Limited
(11) AU-A-2024200941
(21) 2024200941 **(22)** 14.02.2024
(54) METHOD AND SYSTEM FOR EVALUATING PERFORMANCE OF DEVELOPERS USING ARTIFICIAL INTELLIGENCE (AI)
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
(43) 29.02.2024
(62) 2022201192
(72) SABHARWAL, Navin; AGRAWAL, Amit
(74) Patenteur Pty Ltd

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(11) AU-A-2023203439
(21) 2023203439 **(22)** 01.06.2023
(54) A SMOKE DETECTION DEVICE, A SCATTERED LIGHT SENSOR OF THE SMOKE DETECTION DEVICE, AND A METHOD FOR DETECTING A SMOKE BY MEANS OF THE DEVICE
(51) Int. Cl.
G08B 17/107 (2006.01)
G01N 21/53 (2006.01)
G08B 29/18 (2006.01)
(31) a202202905 **(32)** 12.08.22 **(33)** UA
(43) 29.02.2024
(72) Hlushchenko, Mykhailo; Maiorov, Volodymyr
(74) Argon IP Advisory Pty Ltd

(71) Howmet Aerospace Inc.
(11) AU-A-2024200862
(21) 2024200862 **(22)** 09.02.2024
(54) MULTI-PIECE FASTENERS, FASTENING COLLAR INSTALLATION APPARATUS, AND METHODS OF FASTENING
(51) Int. Cl.
F16B 19/05 (2006.01)
F16B 5/04 (2006.01)
F16B 35/04 (2006.01)
(43) 29.02.2024
(62) 2019473410
(72) WILCOX, Robert B.; KINGSBURY, Thomas R.
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024200854
(21) 2024200854 **(22)** 09.02.2024
(54) INTER-FRAME PREDICTION METHOD AND DEVICE
(51) Int. Cl.
H04N 19/503 (2014.01)

(43) 29.02.2024
(62) 2019397944
(72) Chen, Huanbang; Yang, Haitao; Chen, Jianle
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hydreco Hydraulics Pty Ltd
(11) AU-A-2023214289
(21) 2023214289 **(22)** 09.08.2023
(54) Hose Protection Valve Assembly
(51) Int. Cl.
F16K 15/02 (2006.01)
F16K 15/18 (2006.01)
F16K 17/24 (2006.01)
B60P 1/16 (2006.01)
F15B 13/02 (2006.01)
F15B 20/00 (2006.01)
(31) 2022902260 **(32)** 10.08.22 **(33)** AU
(43) 29.02.2024
(72) Cabrera, Roland Fernando
(74) MEYER WEST IP

(71) Illinois Tool Works Inc.
(11) AU-A-2024200811
(21) 2024200811 **(22)** 09.02.2024
(54) Winged threaded fastener
(51) Int. Cl.
F16B 25/00 (2006.01)
F16B 25/10 (2006.01)
(43) 29.02.2024
(62) 2017339622
(72) Dill, Michael C.
(74) Davies Collison Cave Pty Ltd

(71) Immunogen, Inc.
(11) AU-A-2024200837
(21) 2024200837 **(22)** 09.02.2024
(54) Cytotoxic benzodiazepine derivatives
(51) Int. Cl.
C07D 487/04 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
(43) 29.02.2024
(62) 2021206918
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(74) Davies Collison Cave Pty Ltd

(71) Industrial Galvanizers Corporation Pty Ltd
(11) AU-A-2024200789
(21) 2024200789 **(22)** 08.02.2024
(54) A WIRE ROPE OR CABLE SAFETY BARRIER SYSTEM TYPICALLY FOR ROADSIDE USE
(51) Int. Cl.
E01F 15/06 (2006.01)
(43) 29.02.2024
(62) 2021286244
(72) COLQUHOUN, Terry; WALLACE, Hayden
(74) Halfords IP

(71) INOSYSTEMS
(11) AU-A-2023204680
(21) 2023204680 **(22)** 14.07.2023

(54) GAS SUPPLY INSTALLATION COMPRISING A MEDICAL VENTILATOR AND AN NO DELIVERY DEVICE WITH AN EMERGENCY DOSING SYSTEM
(51) Int. Cl.
A61M 16/12 (2006.01)
A61M 16/04 (2006.01)
A61M 16/06 (2006.01)
A61M 16/20 (2006.01)
(31) 2208243 **(32)** 11.08.22 **(33)** FR
(43) 29.02.2024
(72) Boulanger, Thierry; Marchal, Frederic; Schmitt, Mary
(74) PHILLIPS ORMONDE FITZPATRICK

Inovio Pharmaceuticals, Inc. see The Trustees of the University of Pennsylvania
(21) 2023282283

(71) Instrumentation Laboratory Company
(11) AU-A-2023202502
(21) 2023202502 **(22)** 25.04.2023
(54) LIQUID LEVEL DETECTION BASED ON TUNABLE INDUCTIVE-CAPACITIVE TANK CIRCUIT
(51) Int. Cl.
G01F 23/24 (2006.01)
G01F 23/263 (2022.01)
G01F 23/28 (2006.01)
G01F 23/296 (2022.01)
(31) 17/887,658 **(32)** 15.08.22 **(33)** US
(43) 29.02.2024
(72) Hebert, Reed; Newton, Benjamin; Merrill, Len
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Integrated DNA Technologies, Inc.
(11) AU-A-2024200798
(21) 2024200798 **(22)** 08.02.2024
(54) S. pyogenes Cas9 mutant genes and polypeptides encoded by same
(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
(43) 29.02.2024
(62) 2017339542
(72) VAKULSKAS, Christopher Anthony; COLLINGWOOD, Michael Allen; RETTIG, Garret Richard; BEHLKE, Mark Aaron
(74) Spruson & Ferguson

(71) IntelliGas CSM Services Limited
(11) AU-A-2024200777
(21) 2024200777 **(22)** 08.02.2024
(54) System and method for low pressure gas lift artificial lift
(51) Int. Cl.
E21B 43/12 (2006.01)
E21B 43/34 (2006.01)
(43) 29.02.2024
(62) 2018333283
(72) WHITEMAN, Paul Anthony; FEKETE, Derek Shane
(74) Spruson & Ferguson

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 (11) AU-A-2024200800
 (21) 2024200800 (22) 08.02.2024
 (54) Acid mixing system and method
 (51) Int. Cl.
A61M 1/16 (2006.01)
 (43) 29.02.2024
 (62) 2018237375
 (72) GILLESPIE, Kevin C.; FORD, Zachary Patrick; COHEN FREUE, Guillermo J.
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(71) Janssen Pharmaceutica NV
 (11) AU-A-2024200883
 (21) 2024200883 (22) 12.02.2024
 (54) Compositions containing Ibrutinib
 (51) Int. Cl.
A61K 47/02 (2006.01)
A61K 9/10 (2006.01)
A61K 9/48 (2006.01)
A61K 31/519 (2006.01)
A61K 47/12 (2006.01)
A61K 47/38 (2006.01)
A61P 35/00 (2006.01)
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 (74) Spruson & Ferguson

(71) Jets Innovations Pty Ltd
 (11) AU-A-2024200840
 (21) 2024200840 (22) 09.02.2024
 (54) A strainer and an associated pumping method
 (51) Int. Cl.
B01D 29/15 (2006.01)
B01D 29/11 (2006.01)
B01D 35/02 (2006.01)
F16L 55/24 (2006.01)
 (43) 29.02.2024
 (62) 2022200596
 (72) Monaghan, Tom
 (74) Adams Pluck

(71) Johnson & Johnson Vision Care, Inc.
 (11) AU-A-2024200761
 (21) 2024200761 (22) 07.02.2024
 (54) Ophthalmic lens with an optically non-coaxial zone for myopia control
 (51) Int. Cl.
G02C 7/02 (2006.01)
 (43) 29.02.2024
 (62) 2019200257
 (72) BRENNAN, Noel A.; CHENG, Xu; HARNANDEZ, Jaclyn V.; COLLINS, Michael J.; DAVIS, Brett A.; YI, Fan; NANKIVIL, Derek Dean
 (74) Spruson & Ferguson

(71) K8 Vic Pty Ltd
 (11) AU-A-2022215256
 (21) 2022215256 (22) 11.08.2022
 (54) A ceiling suspension clip and suspended ceiling system formed therefrom

(51) Int. Cl.
E04B 9/20 (2006.01)
 (43) 29.02.2024
 (72) Keurban, Alex
 (74) Cooper IP Pty Ltd

(71) K8 Vic Pty Ltd
 (11) AU-A-2022215295
 (21) 2022215295 (22) 12.08.2022
 (54) A cross rail and suspended ceiling system formed therefrom
 (51) Int. Cl.
E04B 9/12 (2006.01)
E04B 1/24 (2006.01)
E04B 9/06 (2006.01)
E04B 9/18 (2006.01)
E04B 9/20 (2006.01)
 (43) 29.02.2024
 (72) Keurban, Alex
 (74) Cooper IP Pty Ltd

(71) Karsten Manufacturing Corporation
 (11) AU-A-2024200871
 (21) 2024200871 (22) 12.02.2024
 (54) Sub-assembly for a golf bag and a golf bag system for recipient self-assembly
 (51) Int. Cl.
A63B 55/10 (2006.01)
A63B 55/50 (2015.01)
A63B 55/53 (2015.01)
A63B 55/57 (2015.01)
 (43) 29.02.2024
 (62) 2022209318
 (72) Martell, James; Loudenslager, John; McGuire, Brian; Bruce, Ryan; Higdon, David
 (74) Davies Collison Cave Pty Ltd

(71) KEARLEY, A.
 (11) AU-A-2022215261
 (21) 2022215261 (22) 11.08.2022
 (54) A MIXTURE
 (51) Int. Cl.
C04B 28/00 (2006.01)
B28B 1/00 (2006.01)
E04C 1/39 (2006.01)
C04B 111/00 (2006.01)
 (43) 29.02.2024
 (72) KEARLEY, Andrew
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) KGSE Holdings, LLC
 (11) AU-A-2023208221
 (21) 2023208221 (22) 31.07.2023
 (54) HANDS-FREE SHOE
 (51) Int. Cl.
A43B 11/00 (2006.01)
 (31) 63/371,163 (32) 11.08.22 (33) US
 (43) 29.02.2024
 (72) Graving, Kevin L.; Freund, Adam
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Laminex Group Pty Limited
 (11) AU-A-2023215563
 (21) 2023215563 (22) 14.08.2023

(54) Low Pressure Melamine Laminate with Antibacterial, Antifungal and/or Antiviral Surface Properties
 (51) Int. Cl.
D21H 21/36 (2006.01)
B32B 21/02 (2006.01)
B32B 21/06 (2006.01)
 (31) 2022902308 (32) 15.08.22 (33) AU
 (43) 29.02.2024
 (72) Cabansag, Angelo; Burton, Peter James
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) LG Electronics Inc.
 (11) AU-A-2024200767
 (21) 2024200767 (22) 07.02.2024
 (54) IMAGE ENCODING/DECODING METHOD AND DEVICE FOR PERFORMING WEIGHTED PREDICTION, AND METHOD FOR TRANSMITTING BITSTREAM
 (51) Int. Cl.
H04N 19/573 (2014.01)
H04N 19/105 (2014.01)
H04N 19/174 (2014.01)
H04N 19/176 (2014.01)
H04N 19/423 (2014.01)
H04N 19/70 (2014.01)
 (43) 29.02.2024
 (62) 2020332224
 (72) PARK, Nae Ri; NAM, Jung Hak; JANG, Hyeong Moon
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2024200788
 (21) 2024200788 (22) 08.02.2024
 (54) Method and apparatus for encoding/decoding image, for performing deblocking filtering by determining boundary strength, and method for transmitting bitstream
 (51) Int. Cl.
H04N 19/86 (2014.01)
H04N 19/186 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)
 (43) 29.02.2024
 (62) 2021243894
 (72) JANG, Hyeong Moon; LEE, Sangheon
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2024200793
 (21) 2024200793 (22) 08.02.2024
 (54) Intra-prediction device and method
 (51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/11 (2014.01)
H04N 19/122 (2014.01)
H04N 19/132 (2014.01)
H04N 19/159 (2014.01)
H04N 19/18 (2014.01)

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 (62) 2020334638
 (72) CHOI, Jangwon; KIM, Seunghwan; HEO, Jin; CHOI, Jungah; YOO, Sunmi
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2024200815
 (21) 2024200815 (22) 09.02.2024
 (54) Image encoding/decoding method and device for signaling chroma component prediction information according to whether palette mode is applicable, and method for transmitting bitstream

(51) Int. Cl.
H04N 19/157 (2014.01)
H04N 19/119 (2014.01)
H04N 19/186 (2014.01)
H04N 19/70 (2014.01)

(43) 29.02.2024
 (62) 2020318306
 (72) JANG, Hyeong Moon
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG ELECTRONICS INC.
 (11) AU-A-2024200814
 (21) 2024200814 (22) 09.02.2024
 (54) TRANSFORM-BASED IMAGE CODING METHOD AND DEVICE THEREFOR

(51) Int. Cl.
H04N 19/60 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/132 (2014.01)
H04N 19/137 (2014.01)
H04N 19/18 (2014.01)
H04N 19/70 (2014.01)

(43) 29.02.2024
 (62) 2020349369
 (72) KOO, Moonmo; LIM, Jaehyun; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited

(71) Lone Gull Holdings, Ltd.
 (11) AU-A-2024200876
 (21) 2024200876 (22) 12.02.2024
 (54) Self-propelled buoyant energy converter and method for deploying same

(51) Int. Cl.
F03B 13/14 (2006.01)
F03B 13/00 (2006.01)
F03B 13/22 (2006.01)
F03D 5/00 (2006.01)
F03D 9/00 (2016.01)
H02K 7/18 (2006.01)

(43) 29.02.2024
 (62) 2018224814
 (72) Sheldon-Coulson, Garth Alexander; Moffat, Brian Lee
 (74) Pearce IP Pty Ltd

(71) Lone Gull Holdings, Ltd.
 (11) AU-A-2024200921

(21) 2024200921 (22) 14.02.2024
 (54) Inertial hydrodynamic pump and wave engine

(51) Int. Cl.
F04D 29/22 (2006.01)
F04D 29/44 (2006.01)

(43) 29.02.2024
 (62) 2019321649
 (72) SHELDON-COULSON, Garth Alexander; MOFFAT, Brian Lee; PLACE, Daniel William
 (74) Pearce IP Pty Ltd

(71) Lone Gull Holdings, Ltd.
 (11) AU-A-2024200922
 (21) 2024200922 (22) 14.02.2024
 (54) Inertial hydrodynamic pump and wave engine

(51) Int. Cl.
F04D 29/22 (2006.01)
F04D 29/44 (2006.01)

(43) 29.02.2024
 (62) 2019321649
 (72) SHELDON-COULSON, Garth Alexander; MOFFAT, Brian Lee; PLACE, Daniel William
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(71) Lone Gull Holdings, Ltd.
 (11) AU-A-2024200923
 (21) 2024200923 (22) 14.02.2024
 (54) Inertial hydrodynamic pump and wave engine

(51) Int. Cl.
F04D 29/22 (2006.01)
F04D 29/44 (2006.01)

(43) 29.02.2024
 (62) 2019321649
 (72) SHELDON-COULSON, Garth Alexander; MOFFAT, Brian Lee; PLACE, Daniel William
 (74) Pearce IP Pty Ltd

(71) Luke, G.
 (11) AU-A-2022215323
 (21) 2022215323 (22) 14.08.2022
 (54) UNDERGROUND DOG WASTE BIN

(51) Int. Cl.
B65F 1/14 (2006.01)
B65F 1/16 (2006.01)

(43) 29.02.2024
 (72) Luke, Gavin
 (74) Gavin Anthony Luke

(71) Lycopodium Minerals Pty Ltd
 (11) AU-A-2023204070
 (21) 2023204070 (22) 26.06.2023
 (54) Support Structure for Flotation Cell

(51) Int. Cl.
E02D 27/38 (2006.01)
E04H 7/02 (2006.01)
E04H 7/06 (2006.01)

(31) 2022902314 (32) 15.08.22 (33) AU
 (43) 29.02.2024
 (72) Ruggiero, Bruno; Marlow, Scott Paul
 (74) WRAYS PTY LTD

Maurov, V. see Hlushchenko, M.
 (21) 2023203439

(71) MAKO Surgical Corp.
 (11) AU-A-2024200890
 (21) 2024200890 (22) 13.02.2024
 (54) Robotic spine surgery system and methods

(51) Int. Cl.
A61B 34/32 (2016.01)
A61B 17/16 (2006.01)
A61B 34/00 (2016.01)
A61B 34/20 (2016.01)

(43) 29.02.2024
 (62) 2018265160
 (72) Kang, Hyosig
 (74) Davies Collison Cave Pty Ltd

(71) Manufacturing Resources International, Inc.

(11) AU-A-2024200774
 (21) 2024200774 (22) 08.02.2024
 (54) Solar powered display assemblies

(51) Int. Cl.
G09F 13/22 (2006.01)
G02F 1/1333 (2006.01)
G09F 13/04 (2006.01)
G09F 21/04 (2006.01)
G09F 27/00 (2006.01)
H04N 5/645 (2006.01)
H05K 7/20 (2006.01)

(43) 29.02.2024
 (62) 2020336047
 (72) DUNN, William; FRASCHILLA, Gerald; BARTHOLMAE, Jack; BENNETT, Douglas
 (74) Spruson & Ferguson

(71) Marvel Fusion GmbH
 (11) AU-A-2023214317
 (21) 2023214317 (22) 10.08.2023
 (54) HIGH-ENERGY HIGH-POWER DIODE PUMPED BROADBAND LASER

(51) Int. Cl.
H01S 3/23 (2006.01)
H01S 3/042 (2006.01)
H01S 3/0941 (2006.01)
H01S 3/16 (2006.01)
H01S 5/40 (2006.01)

(31) EP22190323 (32) 12.08.22 (33) EP
 (43) 29.02.2024
 (72) GAUL, Erhard; RUHL, Hartmut
 (74) AJ PARK

(71) Mitokinin, Inc.
 (11) AU-A-2024200901
 (21) 2024200901 (22) 13.02.2024
 (54) Compositions and Methods using the same for Treatment of Neurodegenerative and Mitochondrial Disease

(51) Int. Cl.
C07D 291/00 (2006.01)
A01N 43/90 (2006.01)
C07D 473/00 (2006.01)
C07D 487/04 (2006.01)

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 (62) 2022203221
 (72) De Roulet, Daniel; Devita, Robert
 (74) Catalyst Intellectual Property

(71) ModernaTX, Inc.
 (11) AU-A-2024200861
 (21) 2024200861 (22) 09.02.2024
 (54) High purity RNA compositions and methods for preparation thereof
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 (43) 29.02.2024
 (62) 2017326423
 (72) Hoge, Stephen; Issa, William; Miracco, Edward J.; Nelson, Jennifer; Rabideau, Amy E.; Butora, Gabor
 (74) RnB IP Pty Ltd

(71) Moore-Gilbert, G.
 (11) AU-A-2022215292
 (21) 2022215292 (22) 12.08.2022
 (54) Vehicle UHF hand piece mount bracket
 (51) Int. Cl.
 B60R 11/02 (2006.01)
 B60R 11/00 (2006.01)
 (43) 29.02.2024
 (72) Moore-Gilbert, Gregory
 (74) Gregory Moore-Gilbert

(71) Nicoventures Trading Limited
 (11) AU-A-2024200823
 (21) 2024200823 (22) 09.02.2024
 (54) A mouthpiece and an article for use in an aerosol provision system
 (51) Int. Cl.
 A24D 3/04 (2006.01)
 A24D 3/06 (2006.01)
 (43) 29.02.2024
 (62) 2020293009
 (72) DUBEY, Umesh; SPENDLOVE, David; DAVIES, Ianto; GRISHCHENKO, Andrei
 (74) Spruson & Ferguson

(71) Offshore Vodka
 (11) AU-A-2022215303
 (21) 2022215303 (22) 12.08.2022
 (54) Alkaline Whisky
 (51) Int. Cl.
 C12G 3/04 (2019.01)
 (43) 29.02.2024
 (72) Gavanas, Efstratios
 (74) Offshore Vodka

(71) OLYMPUS Winter & Ibe GmbH
 (11) AU-A-2023203795
 (21) 2023203795 (22) 16.06.2023
 (54) CONTAINER CONFIGURED FOR STORAGE AND/OR TRANSPORT OF A DISINFECTED SURGICAL INSTRUMENT, METHOD OF MANUFACTURING A CONTAINER, SYSTEM AND METHOD FOR HANDLING OF A SURGICAL INSTRUMENT
 (51) Int. Cl.

A61B 50/30 (2016.01)
A61B 50/20 (2016.01)
A61L 2/232 (2006.01)
 (31) 63/397,443 (32) 12.08.22 (33) US
 (43) 29.02.2024
 (72) AEHLIG, Dennis; SCHROEDER, Stefan
 (74) Integrated IP

(71) Orange Hardware Company
 (11) AU-A-2022215181
 (21) 2022215181 (22) 09.08.2022
 (54) Utility Knife
 (51) Int. Cl.
 B26B 5/00 (2006.01)
 (43) 29.02.2024
 (72) HUANG, Tien-Yu
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Peardon, M.
 (11) AU-A-2024200780
 (21) 2024200780 (22) 08.02.2024
 (54) TUNNEL BORING MACHINE
 (51) Int. Cl.
 E21D 9/12 (2006.01)
 E21D 9/11 (2006.01)
 (43) 29.02.2024
 (62) 2018315044
 (72) PEARDON, Malcolm John
 (74) Ahearn Fox

(71) Peking University
 (11) AU-A-2024200852
 (21) 2024200852 (22) 09.02.2024
 (54) Near-infrared emitting porphyrin compound and preparation method and use thereof
 (51) Int. Cl.
 C07D 491/22 (2006.01)
 A61K 31/7056 (2006.01)
 (43) 29.02.2024
 (62) 2020482966
 (72) ZHANG, Junlong; NING, Yingying; YANG, Zishu; WANG, Bingwu
 (74) Spruson & Ferguson

(71) Percipient.ai Inc.
 (11) AU-A-2024200859
 (21) 2024200859 (22) 09.02.2024
 (54) SYSTEMS AND METHODS FOR IDENTIFICATION OF INDIVIDUALS IN DIGITAL IMAGES
 (51) Int. Cl.
 H04N 7/18 (2006.01)
 (43) 29.02.2024
 (62) 2021282509
 (72) Ayyar, Balan Rama; Bangalore, Anantha Krishnan; Berclaz, Jermone Francois; Chatterjee, Reechik; Gupta, Nikhil Kumar; Parameswaran, Vasudev; Pylvaenaainen, Timo Pekka; Shah, Rajendra Jayantilal; Kovtun, Ivan
 (74) Madderns Pty Ltd

(71) Pivot Bio, Inc.
 (11) AU-A-2024200944

(21) 2024200944 (22) 14.02.2024
 (54) Methods and compositions for improving plant traits
 (51) Int. Cl.
 C05F 11/08 (2006.01)
 C07K 14/195 (2006.01)
 C12N 1/20 (2006.01)
 C12N 15/63 (2006.01)
 (43) 29.02.2024
 (62) 2018207204
 (72) TEMME, Karsten; TAMSIR, Alvin; BLOCH, Sarah; CLARK, Rosemary; TUNG, Emily; HAMMILL, Kevin; HIGGINS, Douglas; DAVIS-RICHARDSON, Austin
 (74) Spruson & Ferguson

(71) Pratt Retail Specialties, LLC
 (11) AU-A-2024200915
 (21) 2024200915 (22) 13.02.2024
 (54) Modular Box Assembly
 (51) Int. Cl.
 B65D 5/56 (2006.01)
 B65D 81/18 (2006.01)
 B65D 81/38 (2006.01)
 (43) 29.02.2024
 (62) 2018260918
 (72) Sollie, Greg; Waltermire, Jamie; Chen, Shifeng
 (74) Golja Haines & Friend

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 (21) 2024200916 (22) 13.02.2024
 (54) Modular Box Assembly
 (51) Int. Cl.
 B65D 5/56 (2006.01)
 B65D 81/18 (2006.01)
 B65D 81/38 (2006.01)
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 (72) Sollie, Greg; Waltermire, Jamie; Chen, Shifeng
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(71) Randlab Australia Pty Ltd
 (11) AU-A-2023203385
 (21) 2023203385 (22) 30.05.2023
 (54) Omeprazole based oral paste formulation having increased temperature stability and enhanced absorption
 (51) Int. Cl.
 A61K 31/4439 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/06 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/18 (2017.01)
 A61K 47/44 (2017.01)
 A61P 1/04 (2006.01)
 (31) 2022902313 (32) 15.08.22 (33) AU
 (43) 29.02.2024
 (72) Vasili, Angelis
 (74) ACROGON GROUP PTY LTD

(71) Reflex Instruments Asia Pacific Pty Ltd
 (11) AU-A-2024200892
 (21) 2024200892 (22) 13.02.2024

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(51) Int. Cl.
F16K 15/02 (2006.01)
E21B 10/02 (2006.01)
F16K 27/02 (2006.01)

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 (74) FB Rice Pty Ltd

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 (21) 2024200822 (22) 09.02.2024
 (54) Camptothecin analogs conjugated to a glutamine residue in a protein, and their use

(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)

(43) 29.02.2024
 (62) 2021308190
 (72) Han, Amy
 (74) FPA Patent Attorneys Pty Ltd

(71) ResMed Pty Ltd
 (11) AU-A-2024200828
 (21) 2024200828 (22) 09.02.2024
 (54) VENT SYSTEM FOR PATIENT INTER-FACE

(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/20 (2006.01)

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 (62) 2020228671
 (72) HOGG, Michael; STANISLAS, Luke
 (74) James & Wells Intellectual Property

(71) RiceTec, Inc.
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 (21) 2024200896 (22) 13.02.2024
 (54) Compositions and methods for modifying genomes

(51) Int. Cl.
C12N 15/10 (2006.01)
C12N 15/63 (2006.01)
C12N 15/82 (2006.01)

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 (74) Spruson & Ferguson

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 (11) AU-A-2023203416
 (21) 2023203416 (22) 31.05.2023
 (54) Method for the Concentration of Vanadium Ore

(51) Int. Cl.
B03D 1/02 (2006.01)
C22B 34/22 (2006.01)
C22B 1/00 (2006.01)

(31) 2022902310 (32) 15.08.22 (33) AU

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 (72) Ren, Shuang K; Zhao, Lingli
 (74) HopgoodGanim

(71) Roadtec, Inc.
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 (21) 2023208196 (22) 28.07.2023

(54) Systems and Method for automatically guiding a road construction machine
 (51) Int. Cl.
E01C 19/00 (2006.01)
E01C 19/48 (2006.01)
G01C 21/26 (2006.01)

(31) 18/157,600 (32) 12.08.22 (33) US
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 (74) AJ Pietras IP Limited

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 (21) 2024200874 (22) 12.02.2024

(54) Secure processing of electronic payments
 (51) Int. Cl.

G06Q 20/38 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
H04L 9/08 (2006.01)
H04L 9/32 (2006.01)
H04L 12/14 (2006.01)

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 (74) FB Rice Pty Ltd

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 (11) AU-A-2024200851
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(54) C7, C12, and C16 substituted neuroactive steroids and their methods of use
 (51) Int. Cl.

C07J 1/00 (2006.01)
A61K 31/57 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
C07J 7/00 (2006.01)
C07J 43/00 (2006.01)

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 (74) Spruson & Ferguson

(71) Shionogi & Co., Ltd.
 (11) AU-A-2024200783
 (21) 2024200783 (22) 08.02.2024
 (54) Polycyclic carbamoylpyridone derivative
 (51) Int. Cl.

C07D 471/14 (2006.01)
A61K 31/53 (2006.01)
A61K 31/5383 (2006.01)

A61K 31/55 (2006.01)
A61P 31/18 (2006.01)
A61P 43/00 (2006.01)
C07D 498/14 (2006.01)

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 (62) 2019277548
 (72) TAODA, Yoshiyuki; UNOH, Yuto
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2024200945
 (21) 2024200945 (22) 14.02.2024
 (54) RNA interference mediated inhibition of catenin (cadherin-associated protein), beta 1 (CTNNB1) gene expression using short interfering nucleic acid (siNA)

(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)

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 (74) Spruson & Ferguson

(71) Snap-on Incorporated
 (11) AU-A-2024200768
 (21) 2024200768 (22) 07.02.2024

(54) Controlling a brushless motor
 (51) Int. Cl.
H02P 6/16 (2016.01)
H02K 11/215 (2016.01)
H02P 6/08 (2016.01)

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 (72) RAJZER, Michael T.; GENZ, Jason; NITZSCHE, Daniel
 (74) Griffith Hack

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 (11) AU-A-2024200817
 (21) 2024200817 (22) 09.02.2024

(54) AUTOMATED TOOL DATA GENERATION IN AUTOMATED ASSET MANAGEMENT SYSTEMS
 (51) Int. Cl.
G06Q 10/08 (2023.01)
B25H 3/00 (2006.01)
H04N 7/18 (2006.01)

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 (72) Lipsey, Matthew J.; Fly, David C.; Phillips, Preston C.; Newport, Jason; Lobo, Andrew R.; Chwan, Joseph; Rogers, Frederick J.; Ryan, Sean W.; Kassouf, Thomas L.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2024200882
 (21) 2024200882 (22) 12.02.2024
 (54) Omega-3 fatty acid, homocystein and vitamin D levels to identify and attenuate cognitive aging in individuals
 (51) Int. Cl.

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A61K 31/14 (2006.01)
A61K 31/4415 (2006.01)
A61K 31/51 (2006.01)
A61K 31/592 (2006.01)
A61K 31/593 (2006.01)
A61P 25/28 (2006.01)
(43) 29.02.2024
(62) 2018251092
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(74) Spruson & Ferguson
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- (71)** Sontiq, Inc.
(11) AU-A-2024200879
(21) 2024200879 **(22)** 12.02.2024
(54) Data breach system and method
(51) Int. Cl.
G06F 21/62 (2013.01)
G06F 21/60 (2013.01)
G06Q 20/40 (2012.01)
G06Q 30/02 (2023.01)
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(62) 2020370610
(72) VAN DYKE, James; PASCUAL, Alphonse
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- (71)** Sony Corporation
(11) AU-A-2024200903
(21) 2024200903 **(22)** 13.02.2024
(54) Frequency band extending device and method, encoding device and method, decoding device and method, and program
(51) Int. Cl.
G10L 21/04 (2013.01)
G10L 19/02 (2013.01)
H03M 7/30 (2006.01)
(43) 29.02.2024
(62) 2022283728
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- (71)** Spin Master Ltd.
(11) AU-A-2022241517
(21) 2022241517 **(22)** 28.09.2022
(54) Transformable Toy
(51) Int. Cl.
A63H 1/06 (2006.01)
A63H 17/00 (2006.01)
(31) 17/887,383 **(32)** 12.08.22 **(33)** US
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(72) Lee, Michael; Miller, Evan; Tseng, Jaedon; Nobata, Fujio; Sugimoto, Michitoshi
(74) James & Wells Intellectual Property
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(11) AU-A-2023200454
(21) 2023200454 **(22)** 27.01.2023
(54) Device With Flapping Display
(51) Int. Cl.
A63H 33/26 (2006.01)
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- A63F 13/825** (2014.01)
A63H 5/00 (2006.01)
A63H 33/22 (2006.01)
H05K 1/00 (2006.01)
H05K 5/00 (2006.01)
(31) 18/054,130 **(32)** 09.11.22 **(33)** US
 63/397,786 12.08.22 US
(43) 29.02.2024
(72) Haddadi, Amir; Dermer, Benjamin Elias; Reynolds, Paul Andrew; Dhoot, Amrit; Labrecque, Martin
(74) James & Wells Intellectual Property
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- (71)** Stats LLC
(11) AU-A-2024200779
(21) 2024200779 **(22)** 08.02.2024
(54) System For Interactive Sports Analytics Using Multi-Template Alignment And Discriminative Clustering
(51) Int. Cl.
G06F 17/00 (2019.01)
G06F 17/10 (2006.01)
G06F 17/18 (2006.01)
G06T 7/00 (2017.01)
G06T 7/20 (2017.01)
(43) 29.02.2024
(62) 2022201634
(72) LUCEY, Patrick; SHA, Long; WEI, Xinyu
(74) FB Rice Pty Ltd
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- (71)** Stryker Corporation
(11) AU-A-2024200785
(21) 2024200785 **(22)** 08.02.2024
(54) System and method for driving an ultrasonic handpiece with a linear amplifier
(51) Int. Cl.
B06B 1/02 (2006.01)
A61B 17/32 (2006.01)
H02M 7/42 (2006.01)
(43) 29.02.2024
(62) 2021269443
(72) Downey, Adam Darwin; Butler, Neal R.; Rhodes, Scott A.
(74) Davies Collision Cave Pty Ltd
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- (71)** SUEZ Groupe S.A.S.
(11) AU-A-2024200762
(21) 2024200762 **(22)** 07.02.2024
(54) Underdrain system using one-piece cell dividers
(51) Int. Cl.
B01D 24/12 (2006.01)
C02F 1/00 (2023.01)
B01D 24/46 (2006.01)
(43) 29.02.2024
(62) 2021277628
(72) GILBERT, Emily; THRUSTON, Andy; MATANOSKI, Gregory
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- (71)** Syqe Medical Ltd.
(11) AU-A-2024200776
(21) 2024200776 **(22)** 08.02.2024
(54) Replaceable flow tract for an inhaler
(51) Int. Cl.
A61M 15/00 (2006.01)
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(72) Reshef, Nimrod; Kurgan, Itay; Denizel, Avishay; Rosenthal Kaplan, Geva; Lifshitz, Roe; Meyer, Abraham; Schwartz, Binyamin; Schorr, Aaron
(74) AJ PARK
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(11) AU-A-2024200748
(21) 2024200748 **(22)** 07.02.2024
(54) Stable peptide compositions
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 9/00 (2006.01)
A61P 27/02 (2006.01)
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(62) 2021221401
(72) LAURIE, Gordon W.; ODRICH, Marc G.; CARPENTER, Michelle; GADEK, Thomas R.; LASKAR, Paul A.
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(11) AU-A-2023206130
(21) 2023206130 **(22)** 19.07.2023
(54) Battery management circuit, battery assembly, and power tool system
(51) Int. Cl.
G06F 1/3212 (2019.01)
H02J 7/00 (2006.01)
(31) 202210964293.X **(32)** 11.08.22 **(33)** CN
(43) 29.02.2024
(72) WANG, Ren Jie; GUO, Xi; MA, Hai Bo
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(11) AU-A-2023208210
(21) 2023208210 **(22)** 28.07.2023
(54) Hacksaw
(51) Int. Cl.
B23D 49/12 (2006.01)
(31) 17/886,226 **(32)** 11.08.22 **(33)** US
(43) 29.02.2024
(72) FAUSS, Trevor C.; EVATT, Thomas
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(11) AU-A-2023210551
(21) 2023210551 **(22)** 31.07.2023
(54) A battery pack and an electric tool including the battery pack
(51) Int. Cl.
H01M 50/204 (2021.01)
H01M 10/42 (2006.01)
H01M 50/233 (2021.01)
H05K 1/18 (2006.01)
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 (11) AU-A-2024200889
 (21) 2024200889 (22) 13.02.2024
 (54) METADATA TAG AUTO-APPLICATION TO POSTED ENTRIES
 (51) Int. Cl.
G06F 16/28 (2019.01)
G06F 16/245 (2019.01)
G06N 5/04 (2023.01)
G06N 20/00 (2019.01)
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 (72) MUDGIL, Satyavrat; SITARAM, Anant
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Terra CO2 Technology Holdings, Inc.
 (11) AU-A-2024200853
 (21) 2024200853 (22) 09.02.2024
 (54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF
 (51) Int. Cl.
C04B 7/44 (2006.01)
 (43) 29.02.2024
 (62) 2022263528
 (72) Lake, Donald
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) The Blooms Group Australia Pty Ltd
 (11) AU-A-2024200832
 (21) 2024200832 (22) 09.02.2024
 (54) A HOLDER AND DISPLAY MEANS
 (51) Int. Cl.
A23G 3/56 (2006.01)
B65D 85/60 (2006.01)
 (43) 29.02.2024
 (62) 2018265749
 (72) Jamieson, Andrew
 (74) Madderns Pty Ltd

(71) The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College
 (11) AU-A-2024200866
 (21) 2024200866 (22) 12.02.2024
 (54) Compositions and methods for treating ocular pathologies
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61K 45/06 (2006.01)
A61P 27/02 (2006.01)
C07K 14/705 (2006.01)
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 (72) FOSTER, Timothy Paul; NICHOLS, Charles David
 (74) Spruson & Ferguson

(71) The Board of Trustees of the Leland Stanford Junior University
 (11) AU-A-2024200880
 (21) 2024200880 (22) 12.02.2024
 (54) Activity-based probe compounds, compositions, and methods of use
 (51) Int. Cl.
G01N 21/63 (2006.01)

A61K 49/00 (2006.01)
G01N 33/68 (2006.01)
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 (62) 2022202947
 (72) BOGYO, Matthew S.; VERDOES, Martijn
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 (21) 2024200771 (22) 07.02.2024
 (54) PREPARATIVE SCALE CONVERSION OF GONYAUTOXINS TO NEOSAXITOXIN
 (51) Int. Cl.
C07D 487/16 (2006.01)
C07K 16/18 (2006.01)
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 (72) SELWOOD, Andrew Ian; VAN GINKEL, Roelof; WAUGH, Craig Alan
 (74) Stephen R Parker

(71) The Fynder Group, Inc.
 (11) AU-A-2024200784
 (21) 2024200784 (22) 08.02.2024
 (54) FILAMENTOUS FUNGAL BIOMATS, METHODS OF THEIR PRODUCTION AND METHODS OF THEIR USE
 (51) Int. Cl.
C12N 1/02 (2006.01)
C12N 1/14 (2006.01)
C12R 1/645 (2006.01)
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 (62) 2021201888
 (72) Kozubal, Mark A.; Macur, Richard E.; Avniel, Yuval C.
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(71) The Johns Hopkins University; Advanced Accelerator Applications (Italy) Srl
 (11) AU-A-2024200850
 (21) 2024200850 (22) 09.02.2024
 (54) PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA) LIGANDS AND USES THEREOF
 (51) Int. Cl.
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
A61K 103/00 (2006.01)
A61K 103/30 (2006.01)
 (43) 29.02.2024
 (62) 2020299974
 (72) MARIANI, Maurizio F.; FUGAZZA, Lorenza; CHICCO, Daniela; POMPER, Martin Gilbert; RAY, Sangeeta
 (74) Davies Collison Cave Pty Ltd

(71) The Procter & Gamble Company
 (11) AU-A-2024200942
 (21) 2024200942 (22) 14.02.2024
 (54) DOSING INDICATOR
 (51) Int. Cl.
A61C 19/06 (2006.01)

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 (72) WANG, Samantha Chen-Yee
 (74) AJ PARK

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 (21) 2023282283 (22) 14.12.2023
 (54) Combination of novel vaccines against Zika virus and DNA antibody constructs for use against Zika virus
 (51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/12 (2006.01)
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C12N 15/40 (2006.01)
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 (72) WEINER, David; MUTHUMANI, Karupiah; YAN, Jian
 (74) FB Rice Pty Ltd

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 (21) 2023282283

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 (11) AU-A-2022399249
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 (54) MODULAR CANOPY ASSEMBLY FOR PICK-UP TRUCKS
 (51) Int. Cl.
B60J 7/16 (2006.01)
 (43) 29.02.2024
 (72) RUTTANGUSAKUL, Peerakiat; HONGLAWAN, Chidchanok
 (74) Davies Collison Cave Pty Ltd

(71) Transcriptx, Inc.
 (11) AU-A-2024200877
 (21) 2024200877 (22) 12.02.2024
 (54) Treatment of primary ciliary dyskinesia with synthetic messenger RNA
 (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 31/711 (2006.01)
A61K 31/713 (2006.01)
 (43) 29.02.2024
 (62) 2017271665
 (72) Lockhart, David J.; Wustman, Brandon; Hennig, Mirko; Ishimaru, Daniela
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Translate Bio, Inc.
 (11) AU-A-2024200738
 (21) 2024200738 (22) 07.02.2024
 (54) IMPROVED ICE-BASED LIPID NANOPARTICLE FORMULATION FOR DELIVERY OF MRNA
 (51) Int. Cl.

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A61K 47/28 (2006.01)
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(72) Derosa, Frank; Heartlein, Michael; Karve, Shirrang
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Uber Technologies, Inc.
(11) AU-A-2024200641
(21) 2024200641 **(22)** 02.02.2024
(54) MEMORY CRASH PREVENTION FOR A COMPUTING DEVICE
(51) Int. Cl.
G06F 9/50 (2006.01)
G06F 11/34 (2006.01)
(43) 29.02.2024
(62) 2019397240
(72) KAO, Shao-Hua
(74) RnB IP Pty Ltd

(71) Unison Industries, LLC
(11) AU-A-2022241537
(21) 2022241537 **(22)** 29.09.2022
(54) AIR TURBINE STARTER WITH BEARING SUPPORT STRUCTURE
(51) Int. Cl.
F02C 7/06 (2006.01)
F02C 7/277 (2006.01)
F02C 7/32 (2006.01)
F16C 35/04 (2006.01)
(31) 202211046088 **(32)** 12.08.22 **(33)** IN
(43) 29.02.2024
(72) Tripathi, Pallavi; Nayak, Subrata; Reddy Kollam, Ramana; Patil, Sharad Pundlik; Dhabade, Milind Chandrakant; Dev Mahadevaiah, Narendra; Ganiger, Ravindra Shankar
(74) PHILLIPS ORMONDE FITZPATRICK

(71) University Health Network
(11) AU-A-2024200937
(21) 2024200937 **(22)** 14.02.2024
(54) Combination therapies for inhibition of Polo-like Kinase 4
(51) Int. Cl.
C07D 413/10 (2006.01)
A61K 31/5377 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(43) 29.02.2024
(62) 2018328773
(72) MASON, Jacqueline M.; BRAY, Mark R.; MAK, Tak Wah; FLETCHER, Graham
(74) FPA Patent Attorneys Pty Ltd

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(21) 2024200748

(71) VentureMed Group, Inc.
(11) AU-A-2023214268
(21) 2023214268 **(22)** 09.08.2023
(54) INTRAVASCULAR CATHETER HAVING AN EXPANDABLE INCISING PORTION AND EMBOLIC PROTECTION DEVICE
(51) Int. Cl.
A61B 17/3207 (2006.01)
A61B 17/3209 (2006.01)
A61M 25/09 (2006.01)
(31) 17/886,824 **(32)** 12.08.22 **(33)** US
(43) 29.02.2024
(72) PIGOTT, John P
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Willand (Beijing) Technology Co., LTD.
(11) AU-A-2023208095
(21) 2023208095 **(22)** 25.07.2023
(54) IMAGE ACQUISITION APPARATUS AND SELF-MOVING DEVICE
(51) Int. Cl.
G03B 17/56 (2021.01)
H04N 23/51 (2023.01)
H04N 23/52 (2023.01)
(31) 2022221166789 **(32)** 11.08.22 **(33)** CN
(43) 29.02.2024
(72) Cui, Junwei; Zhen, Xubin; Qiao, Wangyang
(74) ET Intellectual Property

(71) WOODSIDE ENERGY TECHNOLOGIES PTY LTD
(11) AU-A-2024200930
(21) 2024200930 **(22)** 14.02.2024
(54) Heat Exchange Reactor
(51) Int. Cl.
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)
(43) 29.02.2024
(62) 2022225831
(72) FAKA, Solomon; MASSEN-HANE, Michael; LIAW, Sui
(74) Griffith Hack

(71) WUXI IDATA TECHNOLOGY COMPANY LTD.
(11) AU-A-2023305023
(21) 2023305023 **(22)** 27.07.2023
(54) OPTICAL INFORMATION COLLECTOR AND METHOD THEREFOR
(51) Int. Cl.
G06K 7/10 (2006.01)
G06K 7/14 (2006.01)
G06V 10/10 (2022.01)
G06V 10/141 (2022.01)
(31) 202210959551.5 **(32)** 11.08.22 **(33)** CN
(43) 29.02.2024
(72) WANG, Dongsheng; WEI, Jiangtao; ZHANG, Songlai; ZHOU, Xiaojin
(74) Peter WANG ipspeedyau@outlook.com

(71) ZTE Corporation
(11) AU-A-2024200845
(21) 2024200845 **(22)** 09.02.2024
(54) Signaling receiving method, signaling transmitting method, and device
(51) Int. Cl.
H04W 36/00 (2009.01)
(43) 29.02.2024
(62) 2021221208
(72) ZHANG, Shujuan; LU, Zhaohua; WANG, Jianwei; JIANG, Chuangxin; GAO, Bo; YAN, Wenjun; KOU, Shuaihua
(74) Davies Collison Cave Pty Ltd

(71) ZTE CORPORATION
(11) AU-A-2022456752
(21) 2022456752 **(22)** 10.08.2022
(54) REPORTING FREQUENCY AND DOPPLER PARAMETERS FOR COHERENT JOINT TRANSMISSION (CJT) AND MOBILITY
(51) Int. Cl.
H04B 7/0413 (2017.01)
H04B 7/024 (2017.01)
H04B 7/0417 (2017.01)
H04B 7/06 (2006.01)
H04L 5/00 (2006.01)
H04W 48/20 (2009.01)
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(72) GAO, Bo; LU, Zhaohua; MEI, Meng; ZOU, Mingqiang; YAN, Wenjun
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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

<p>(71) 3D BIO-TISSUES LIMITED (11) AU-A-2022311206 (21) 2022311206 (22) 12.07.2022 (54) CELL CULTURE MEDIUM AND SUPPLEMENTS FOR CELLULAR MEAT PRODUCTION (51) Int. Cl. C12N 5/00 (2006.01) A23L 13/00 (2016.01) A61L 27/20 (2006.01) A61L 27/36 (2006.01) A61L 27/38 (2006.01) C12N 5/077 (2010.01) (87) WO2023/285813 (31) 2110036.7 (32) 12.07.21 (33) GB (43) 19.01.2023 (72) CONNON, Che John; GOUVEIA, Ricardo (74) FB Rice Pty Ltd</p>	<p>(87) WO2023/006978 (31) 21382725.6 (32) 30.07.21 (33) EP (43) 02.02.2023 (72) PICHER, Ángel; LANCKRIET, Heikki; WALKER, Amy (74) FB Rice Pty Ltd</p>	<p>C07D 405/14 (2006.01) C07D 487/04 (2006.01) C07D 491/048 (2006.01) C07D 491/052 (2006.01) (87) WO2023/287783 (31) PCT/ CN2021/106076 (32) 13.07.21 (33) CN PCT/ 14.06.22 CN CN2022/098577 (43) 19.01.2023 (72) MAO, Long; TANG, Wei; ZHANG, Xiaoying; XU, Rongda; CHEN, Yile; XU, Xiao; XU, Changxu (74) FB Rice Pty Ltd</p>
<p>(71) 4AG ROBOTICS INC. (11) AU-A-2021458561 (21) 2021458561 (22) 03.08.2021 (54) AUTOMATED MUSHROOM HARVESTING SYSTEM (51) Int. Cl. A01G 18/70 (2018.01) A01D 45/00 (2018.01) A01D 46/30 (2006.01) A01G 18/62 (2018.01) B65G 49/05 (2006.01) (87) WO2023/010198 (43) 09.02.2023 (72) BOUDREAU, Michael Howard; BAKER, Jonathan Michael; BEFIKADU, Kaleab; FINDLATER, Kyran Ashley Lawrence; FITZPATRICK, Colm James; FLATMAN, Kyle Andrew; GIBSON, James Boyd; KOEBEL, Matthew Dean; McCARTHY, Jeremiah; RICHARDSON, Clark Allan; STRODA, Aaron; TOMLINSON, Nathan Edward Charles; VAN VARSEVELD, Seth Bryan; WATTIE, Matthew Steven; LUGUE, Timur; SLONSKI, Brandin Colt; VAN VARSEVELD, Konrad Rafael; McLEOD, Cameron Mitchell; LONNEBERG, David Alan (74) Integrated IP</p>	<p>(71) 4BASEBIO UK LTD; 4BASEBIO, S.L.U. (11) AU-A-2022318369 (21) 2022318369 (22) 29.07.2022 (54) NANOPARTICLES FOR CELL DELIVERY (51) Int. Cl. A61K 49/00 (2006.01) A61K 47/50 (2017.01) A61K 47/69 (2017.01) (87) WO2023/007017 (31) 21382724.9 (32) 30.07.21 (33) EP (43) 02.02.2023 (72) WALKER, Amy; LANCKRIET, Heikki; PICHER, Ángel (74) FB Rice Pty Ltd</p>	<p>(71) ACTIV'INSIDE (11) AU-A-2022322012 (21) 2022322012 (22) 04.08.2022 (54) COMPOSITION BASED ON CROCUS SATIVUS AND CANNABIS SATIVA (51) Int. Cl. A61K 36/88 (2006.01) A23L 33/105 (2016.01) A24B 15/167 (2020.01) A61K 31/05 (2006.01) A61K 31/11 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01) A61P 25/00 (2006.01) A61P 25/24 (2006.01) (87) WO2023/012258 (31) FR2108463 (32) 04.08.21 (33) FR (43) 09.02.2023 (72) GAUDOUT, David; REY, Stéphane; LEMAIRE, Benoit; DUBREUIL, Séverine; MORAS, Benjamin; BORNERIE, Mégane; STANISIERE, Julien; DEVULPILLIERES, Astrid (74) Spruson & Ferguson</p>
<p>(71) 4BASEBIO, S.L.U.; 4BASEBIO UK LTD (11) AU-A-2022320939 (21) 2022320939 (22) 29.07.2022 (54) LINEAR DNA WITH ENHANCED RESISTANCE AGAINST EXONUCLEASES AND METHODS FOR THE PRODUCTION THEREOF (51) Int. Cl. C12Q 1/6855 (2018.01) C12Q 1/6806 (2018.01)</p>	<p>(71) 6K INC. (11) AU-A-2022340711 (21) 2022340711 (22) 17.08.2022 (54) METHOD AND APPARATUS FOR REAL TIME OPTIMIZATION OF A MICROWAVE PLASMA (51) Int. Cl. H05H 1/46 (2006.01) B01J 19/12 (2006.01) B05B 7/08 (2006.01) B05B 7/24 (2006.01) H01J 37/32 (2006.01) H05H 1/34 (2006.01) (87) WO2023/034688 (31) 63/238,339 (32) 30.08.21 (33) US (43) 09.03.2023 (72) KOZLOWSKI, Michael; SHANG, Zongren (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ADEKA CORPORATION (11) AU-A-2022357766 (21) 2022357766 (22) 26.09.2022 (54) OIL-IN-WATER TYPE EMULSION (51) Int. Cl. A23L 27/20 (2016.01) A23C 11/10 (2021.01) A23L 2/38 (2021.01) A23L 9/20 (2016.01) A23L 11/60 (2021.01) A23L 11/65 (2021.01) (87) WO2023/054274 (31) 2021-160085 (32) 29.09.21 (33) JP (43) 06.04.2023 (72) INOUE, Keita; SHIMADA, Toshihiro (74) Griffith Hack</p>
<p>(71) ACEA THERAPEUTICS, INC.; HANGZHOU ACEA PHARMACEUTICAL RESEARCH CO., LTD. (11) AU-A-2022312430 (21) 2022312430 (22) 12.07.2022 (54) HETEROCYCLIC COMPOUNDS AND USES THEREOF (51) Int. Cl. A61P 35/00 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01)</p>	<p>(71) AGM MEDICAL (11) AU-A-2022330401 (21) 2022330401 (22) 18.08.2022</p>	<p>(71) ACEA THERAPEUTICS, INC.; HANGZHOU ACEA PHARMACEUTICAL RESEARCH CO., LTD. (11) AU-A-2022312430 (21) 2022312430 (22) 12.07.2022 (54) HETEROCYCLIC COMPOUNDS AND USES THEREOF (51) Int. Cl. A61P 35/00 (2006.01) A61K 31/506 (2006.01) A61K 31/513 (2006.01) A61K 31/519 (2006.01) C07D 401/12 (2006.01) C07D 403/04 (2006.01) C07D 403/12 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01)</p>

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(72) MOR, Amir
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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C07K 7/08 (2006.01)
A61K 38/10 (2006.01)
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(74) Eagar & Associates Pty Ltd
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- (71) AKI, INC.
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A61K 8/18 (2006.01)
A61Q 5/06 (2006.01)
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(11) AU-A-2022318626
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(54) PROCESSES FOR SUPPRESSING EMISSION OF MERCURY VAPOR
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B09C 1/08 (2006.01)
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(72) PINGREE, Kim Sehye; MILLER, Jon; GE, Zhongxin; ZHANG, Zhaorong; WELZ, Sascha
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- (71) ALD VACUUM TECHNOLOGIES GMBH
(11) AU-A-2022353998
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(54) DEVICE AND METHOD FOR PRODUCING AN INVESTMENT CASTING COMPONENT
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B22C 7/02 (2006.01)
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A61K 31/12 (2006.01)
A61P 11/00 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
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(72) ANDRIEU, Jean-Marie; LU, Louis
(74) Davies Collison Cave Pty Ltd
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- (71) ALORA INNOVATIONS INC.; YOUNG, L.; HORNBY, R.J.
(11) AU-A-2022323747
(21) 2022323747 (22) 04.08.2022
(54) SALT TOLERANT PLANTS
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A01H 6/46 (2018.01)
C12N 9/22 (2006.01)
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(72) YOUNG, Luke; HORNBY, Rory James
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- (71) ALTAVIZ, LLC
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A61M 5/00 (2006.01)
A61M 5/178 (2006.01)
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- (71) AMERICAN STERILIZER COMPANY
(11) AU-A-2022332891
(21) 2022332891 (22) 22.08.2022
(54) GAS STERILIZATION PROCESS CHALLENGE DEVICE
(51) Int. Cl.
A61L 2/28 (2006.01)
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(72) BALA, Harry
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- (71) AMGEN INC.
(11) AU-A-2022334105
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(51) Int. Cl.
G01B 11/25 (2006.01)
B29C 65/82 (2006.01)
G01N 21/90 (2006.01)
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(31) 63/235,834 (32) 23.08.21 (33) US
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(72) GOODWIN, Al, Patrick; BERNACKI, Joseph, Peter; PEARSON, Thomas, Clark; MILNE, Graham, F.; PARSONS, Jonathan; BISHOP, Corey; DONOHOE, Barry; PEREZ-VARELA, Osvaldo
(74) Spruson & Ferguson
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- (71) AMGEN INC.
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(54) SOTORASIB AND AN EGFR ANTI-BODY FOR TREATING CANCER COMPRISING A KRAS G12C MUTATION
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A61K 31/4745 (2006.01)
A61K 31/513 (2006.01)
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
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C07K 16/00 (2006.01)
(87) WO2023/039430
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(72) CHAN, Emily; FRIBERG, Gregory; MATHER, Omar; HOUK, Brett E.;

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HENARY, Haby; DUTTA, Sandeep
(74) Spruson & Ferguson
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- (71)** ANAGRAM THERAPEUTICS, INC.
(11) AU-A-2022325957
(21) 2022325957 **(22)** 12.08.2022
(54) METHODS AND COMPOSITIONS FOR TREATING HYPERGLYCEMIA AND DIABETES
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A61K 38/44 (2006.01)
C12N 9/04 (2006.01)
C12N 9/08 (2006.01)
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(72) MARGOLIN, Alexey; PIERZYNOWSKI, Stefan; PIERZYNOWSKA, Kateryna
(74) RNB IP PTY LTD
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- (71)** ANAGRAM THERAPEUTICS, INC.
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(21) 2022328354 **(22)** 12.08.2022
(54) METHODS AND COMPOSITIONS FOR TREATING FRUCTOSE INTOLERANCE AND FRUCTOSE MALABSORPTION
(51) Int. Cl.
A61K 38/52 (2006.01)
A61K 9/19 (2006.01)
A61K 38/44 (2006.01)
C12N 9/04 (2006.01)
C12N 9/92 (2006.01)
C12Q 1/30 (2006.01)
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(72) MARGOLIN, Alexey; SHENOY, Bhami
(74) RNB IP PTY LTD
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- (71)** AND Y KNOT INNOVATION AND SALES INC.
(11) AU-A-2022327150
(21) 2022327150 **(22)** 09.08.2022
(54) DEVICE AND CONVEYANCE SYSTEM FOR PACKAGING ELONGATED ITEMS
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B65B 35/50 (2006.01)
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(72) KAPICKI, Melvin Douglas
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- (71)** ANIPHA TECHNOLOGIES PTY LTD
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(54) USE OF FURAN FORMIC ACID COMPOUND IN PREPARING ANIMAL FEED ADDITIVE
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- (71)** ARBOR BIOTECHNOLOGIES, INC.
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(54) COMPOSITIONS COMPRISING A CRISPR NUCLEASE AND USES THEREOF
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C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
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(72) CHONG, Shaorong; WESSELLS, Quinton Norman; ZIBLAT, Roy; JAKIMO, Noah Michael; GARRITY, Anthony James; ALFONSE, Lauren E.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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G06N 5/022 (2023.01)
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(72) ROY, Asim
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ARRAY TECHNOLOGIES, INC.
(11) AU-A-2022312450
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(54) AUTOMATED ATTACHMENT OF SOLAR COMPONENTS
(51) Int. Cl.
F24S 25/65 (2018.01)
F24S 25/00 (2018.01)
H02S 20/20 (2014.01)
F24S 25/60 (2018.01)
(87) WO2023/287923
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(43) 19.01.2023
(72) SCHUKNECHT, Nathan; CREASY, Lucas
(74) Griffith Hack
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- (71)** ASSETT, INC
(11) AU-A-2022325800
(21) 2022325800 **(22)** 12.08.2022
(54) BATTERY SAFETY MANAGEMENT SYSTEM
(51) Int. Cl.
H02J 7/00 (2006.01)
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- B60L 58/10** (2019.01)
B60L 58/18 (2019.01)
G01R 31/382 (2019.01)
B60L 53/60 (2019.01)
B60L 58/22 (2019.01)
G01R 31/36 (2020.01)
G01R 31/371 (2019.01)
H01M 10/44 (2006.01)
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(31) 17/402,196 **(32)** 13.08.21 **(33)** US
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(72) MCCAIG, Robert L.; MCLAUGHLIN, John
(74) BRM Patent Attorneys Pty Ltd
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- (71)** ASTRAZENECA AB
(11) AU-A-2022317215
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(54) TREATMENT OF LUPUS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 37/06 (2006.01)
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(72) LINDHOLM, Catharina; TUMMALA, Rajendra; MAHO, Emmanuelle
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ASYLIA DIAGNOSTICS BV
(11) AU-A-2022315526
(21) 2022315526 **(22)** 20.07.2022
(54) BIOMARKERS FOR THERAPY RESPONSE AFTER IMMUNOTHERAPY
(51) Int. Cl.
C12Q 1/6886 (2018.01)
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(72) KHMELEVSKIY, Andrey
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- (71)** ATOMO DIAGNOSTICS LIMITED
(11) AU-A-2022335934
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(54) AUTOMATED VERIFICATION AND GUIDANCE FOR TEST PROCEDURES
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/15 (2006.01)
A61B 10/00 (2006.01)
G01N 21/84 (2006.01)
G01N 21/88 (2006.01)
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G06T 7/00 (2017.01)
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G16H 10/60 (2018.01)
G16H 30/00 (2018.01)
G16H 40/60 (2018.01)
G16H 50/30 (2018.01)
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(31) 2021902844 **(32)** 02.09.21 **(33)** AU
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(72) KETKAR, Rohit; SUKUMAR, Chandra; KELLY, John
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<p>(71) AVIENT PROTECTIVE MATERIALS B.V. (11) AU-A-2022344466 (21) 2022344466 (22) 30.08.2022 (54) COMPOSITE ELONGATED BODY (51) Int. Cl. <i>A01K 61/60</i> (2017.01) <i>A01K 75/00</i> (2006.01) <i>A01N 25/34</i> (2006.01) <i>B29D 29/00</i> (2006.01) <i>B66C 1/12</i> (2006.01) <i>B66C 1/18</i> (2006.01) <i>D04B 21/12</i> (2006.01) <i>D04C 1/02</i> (2006.01) <i>D04C 1/08</i> (2006.01) <i>D06M 15/19</i> (2006.01) <i>D06M 15/65</i> (2006.01) <i>D07B 1/02</i> (2006.01) <i>D07B 1/14</i> (2006.01) <i>D07B 5/00</i> (2006.01) (87) WO2023/036656 (31) PCT/ EP2021/074622 (32) 07.09.21 (33) EP PCT/ 07.09.21 EP EP2021/074623 PCT/ 07.09.21 EP EP2021/074621 PCT/ 06.07.22 EP EP2022/068793 PCT/ 06.07.22 EP EP2022/068794 (43) 16.03.2023 (72) SCHNEIDERS, Hans; ROOZEMOND, Peter (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) BAKER HUGHES OILFIELD OPERATIONS LLC (11) AU-A-2022342151 (21) 2022342151 (22) 01.09.2022 (54) AUTOMATIC CHOKING HYDRAULIC SHOCK REDUCTION VALVE (51) Int. Cl. <i>E21B 34/02</i> (2006.01) <i>E21B 33/06</i> (2006.01) (87) WO2023/039348 (31) 17/468,077 (32) 07.09.21 (33) US (43) 16.03.2023 (72) MCAULEY, Alexander; NGUYEN, Thuc Ngoc; LEON, Claudia; WOODRUFF-HALL, Alexander (74) Spruson & Ferguson</p>	<p>(71) BASILEA PHARMACEUTICA INTERNATIONAL AG, ALLSCHWIL; UNIVERSITÄT ZÜRICH (11) AU-A-2022323463 (21) 2022323463 (22) 04.08.2022 (54) ANTIMICROBIAL PEPTIDOMIMETICS (51) Int. Cl. <i>A61P 31/02</i> (2006.01) <i>A61K 38/00</i> (2006.01) <i>C07K 7/08</i> (2006.01) <i>C07K 14/47</i> (2006.01) (87) WO2023/012319 (31) 21020401.2 (32) 05.08.21 (33) EP (43) 09.02.2023 (72) OBRECHT, Daniel; LUTHER, Anatol; UPERT, Grégory; DESJONQUERES, Nicolas; BRABET, Emile; ZBINDEN, Peter; JUNG, Françoise; ZERBE, Olivier; MÖHLE, Kerstin (74) Spruson & Ferguson</p>
<p>(71) AXSOME THERAPEUTICS (11) AU-A-2022340824 (21) 2022340824 (22) 02.09.2022 (54) METHODS AND COMPOSITIONS FOR AMELIORATING BIOMARKERS ASSOCIATED WITH CARDIOVASCULAR RISK USING (R)-2-AMINO-3-PHENYLPROPYL CARBAMATE (51) Int. Cl. <i>A61K 31/27</i> (2006.01) <i>A61P 9/00</i> (2006.01) (87) WO2023/034944 (31) 63/240,422 (32) 03.09.21 (33) US (43) 09.03.2023 (72) CARTER, Lawrence, Patrick (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) BARIKS HEALTH LTD (11) AU-A-2022323665 (21) 2022323665 (22) 02.08.2022 (54) FOLDABLE INFLATABLE HYPERBARIC CHAMBER (51) Int. Cl. <i>A61G 10/02</i> (2006.01) (87) WO2023/012794 (31) 63/228,428 (32) 02.08.21 (33) US (43) 09.02.2023 (72) MISHOLI, Boaz; SHERRER, Roe; BARGIL, Rami (74) James & Wells Intellectual Property</p>	<p>(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA (11) AU-A-2022344857 (21) 2022344857 (22) 01.09.2022 (54) SURGICAL CLIP APPLICATION DEVICE (51) Int. Cl. <i>A61B 17/128</i> (2006.01) <i>A61B 17/00</i> (2006.01) <i>A61B 90/00</i> (2016.01) (87) WO2023/038845 (31) 63/241,288 (32) 07.09.21 (33) US (43) 16.03.2023 (72) WITKOWSKI, Shannon Mary; STUDER, James Douglas; SAMM, Dustin Tyler; STEWART, Kyle; SCHAFFER, Jerome Joseph (74) K&L Gates</p>
<p>(71) BADER, O. (11) AU-A-2022333269 (21) 2022333269 (22) 26.08.2022 (54) BASE SYSTEM AND BEARING SYSTEM (51) Int. Cl. <i>B60P 1/64</i> (2006.01) <i>B60P 3/00</i> (2006.01) (87) WO2023/025951 (31) 20 2021 104 634.1 (32) 27.08.21 (33) DE (43) 02.03.2023 (72) BADER, Olaf (74) WRAYS PTY LTD</p>	<p>(71) BASE PROTECTION S.R.L. (11) AU-A-2022351414 (21) 2022351414 (22) 13.09.2022 (54) FOOTWEAR WITH SOLE PROVIDED WITH A PROTECTIVE INSERT (51) Int. Cl. <i>A43B 7/32</i> (2006.01) <i>A43B 13/12</i> (2006.01) <i>A43B 13/16</i> (2006.01) (87) WO2023/047244 (31) 102021000024680 (32) 27.09.21 (33) IT (43) 30.03.2023 (72) AMORUSO, Raffaella; DE LUCA, Cataldo; ALBANESE, Antonio (74) A.P.T. Patent and Trade Mark Attorneys</p>	<p>(71) BAYER CROPSCIENCE LP (11) AU-A-2022341968 (21) 2022341968 (22) 06.09.2022 (54) HERBICIDAL COMPOSITIONS COMPRISING FLUAZIFOP, TRICLOPYR AND DIQUAT (51) Int. Cl. <i>A01N 43/34</i> (2006.01) <i>A01N 43/90</i> (2006.01) <i>A01N 47/08</i> (2006.01) <i>A01N 37/00</i> (2006.01) (87) WO2023/038881 (31) 63/241,790 (32) 08.09.21 (33) US (43) 16.03.2023 (72) HUGHES, Jeffrey; RATLIFF, Paul; WRIGHT, Daniel (74) Griffith Hack</p>
<p>(71) BASF SE (11) AU-A-2022329350 (21) 2022329350 (22) 09.08.2022 (54) PAENIBACILLUS STRAINS PRODUCING LOW AMOUNTS OF EXOPOLYSACCHARIDES (51) Int. Cl. <i>C12N 1/20</i> (2006.01) <i>A01N 63/25</i> (2020.01) <i>C07K 14/195</i> (2006.01) <i>C07K 14/32</i> (2006.01) <i>C12N 9/12</i> (2006.01) <i>C12N 9/24</i> (2006.01) (87) WO2023/020880 (31) 21192437.8 (32) 20.08.21 (33) EP (43) 23.02.2023 (72) MAY, Tobias; HEINRICH, Daniel Christoph; HEROLD, Andrea; STIERL, Reinhard (74) Griffith Hack</p>	<p>(71) BD KIESTRA B.V. (11) AU-A-2022342703 (21) 2022342703 (22) 06.09.2022 (54) BLOOD COLLECTION SYSTEM (51) Int. Cl. <i>A61B 5/15</i> (2006.01) <i>A61B 5/153</i> (2006.01) <i>A61B 5/154</i> (2006.01)</p>	

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(72) ROBERTSON, Daniel James; VAN
 BALEN, Rick
(74) FB Rice Pty Ltd

(71) BEA SA
(11) AU-A-2022310274
(21) 2022310274 **(22)** 14.07.2022
(54) SENSOR FOR AUTOMATIC DOORS
 OR AUTOMATIC GATES AND AUTO-
 MATIC DOOR OR AUTOMATIC GATE
 WITH SUCH SENSOR
(51) Int. Cl.
G01S 7/481 (2006.01)
(87) WO2023/285624
(31) 10 2021 118 240.9 **(32)** 14.07.21 **(33)** DE
(43) 19.01.2023
(72) KLEIN, Jean-François; ZAMBON,
 Alain Louis; LENAERS, Eric Jean Her-
 man Marie Léon; LEFEVRE, Benjamin
 Jacques Charles Fernand
(74) Krouzer IP

(71) BECTON DICKINSON FRANCE
(11) AU-A-2022332618
(21) 2022332618 **(22)** 24.08.2022
(54) CONNECTED DRUG DELIVERY
 DEVICE
(51) Int. Cl.
A61M 5/168 (2006.01)
A61M 5/315 (2006.01)
(87) WO2023/025835
(31) 21306140.1 **(32)** 24.08.21 **(33)** EP
(43) 02.03.2023
(72) MARÉCHAL, Damien; MONCHOIX,
 Hervé; DESPA, Mircea
(74) FB Rice Pty Ltd

(71) BELVAC PRODUCTION MACHINERY,
 INC.
(11) AU-A-2022310227
(21) 2022310227 **(22)** 14.07.2022
(54) SERVO-CONTROLLED MACHINE
 LINE
(51) Int. Cl.
G05B 19/18 (2006.01)
B21D 43/05 (2006.01)
B65G 43/10 (2006.01)
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(31) 63/222,178 **(32)** 15.07.21 **(33)** US
(43) 19.01.2023
(72) MCKINNEY, Larry, D.; GREEN, Den-
 nis, E.; SHORTRIDGE, Jeffrey, L.; KEE-
 SEE, Ric; PACKER, Stephen, M.
(74) Pizzeyes Patent and Trade Mark Attor-
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(71) BENEVOLENTAI CAMBRIDGE LIM-
 ITED
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(21) 2022320004 **(22)** 29.07.2022
(54) ORGANIC PYRIDINE-PYRAZOLE
 COMPOUNDS AND THEIR USES
(51) Int. Cl.

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A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/444 (2006.01)
A61K 31/498 (2006.01)
A61K 31/517 (2006.01)
A61P 1/00 (2006.01)
C07D 409/14 (2006.01)
C07D 471/04 (2006.01)
(87) WO2023/007184
(31) 2110990.5 **(32)** 30.07.21 **(33)** GB
(43) 02.02.2023
(72) PATIENT, Lee; ALMOND-THYNNE,
 Joshua; UNSWORTH, Philip James;
 YIP, Adam Christopher Loy; ROBAS,
 Nicola; BELICH, Monica Polidoro
(74) FB Rice Pty Ltd

(71) BILIX CO., LTD.
(11) AU-A-2022327987
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(54) METHOD FOR SYNTHESIZING BI-
 LIRUBIN
(51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/409 (2006.01)
C07D 207/38 (2006.01)
(87) WO2023/018215
(31) 10-2021-0106106 **(32)** 11.08.21 **(33)** KR
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(72) KIM, Myung Lip; MA, Sang Ho; PARK,
 Ki Soo; JUN, Hee Goo; KIM, Da Eun
(74) FB Rice Pty Ltd

(71) BIOCIDIUM IP HOLDCO, CO.
(11) AU-A-2022321048
(21) 2022321048 **(22)** 03.08.2022
(54) ANTI-FUNGAL COMPOSITIONS
(51) Int. Cl.
A61K 31/201 (2006.01)
A61K 9/70 (2006.01)
A61K 31/131 (2006.01)
A61K 31/132 (2006.01)
A61K 31/133 (2006.01)
A61K 31/19 (2006.01)
A61P 31/10 (2006.01)
C07C 57/03 (2006.01)
C07C 59/08 (2006.01)
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C07C 211/08 (2006.01)
C07C 211/10 (2006.01)
C07C 215/02 (2006.01)
(87) WO2023/010213
(31) 63/228,953 **(32)** 03.08.21 **(33)** US
(43) 09.02.2023
(72) TOEBES, Jan Willem; SWAIN, Nicholas
 Philip
(74) Wynnes Patent and Trade Mark Attor-
 neys Pty Ltd

(71) BIOJIVA LLC
(11) AU-A-2022313207
(21) 2022313207 **(22)** 22.07.2022
(54) METHODS FOR INHIBITING THE
 PROGRESSION OF OXIDATIVE RET-
 INAL DISEASES
(51) Int. Cl.
A61K 31/12 (2006.01)

(71) BIOJIVA LLC
(11) AU-A-2022313207
(21) 2022313207 **(22)** 22.07.2022
(54) METHODS FOR INHIBITING THE
 PROGRESSION OF OXIDATIVE RET-
 INAL DISEASES
(51) Int. Cl.
A61K 31/12 (2006.01)

A61K 31/185 (2006.01)
A61K 31/20 (2006.01)
A61K 31/00 (2006.01)
(87) WO2023/004151
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(72) SCHMIDT, Karsten; SHCHEPINOV,
 Mikhail
(74) PHILLIPS ORMONDE FITZPATRICK

(71) BIOMEA FUSION, INC.
(11) AU-A-2022325861
(21) 2022325861 **(22)** 10.08.2022
(54) COVALENT INHIBITORS OF MEN-
 IN-MLL INTERACTION FOR DIA-
 BETES MELLITUS
(51) Int. Cl.
A61K 31/5377 (2006.01)
A61P 3/10 (2006.01)
(87) WO2023/018825
(31) 63/232,154 **(32)** 11.08.21 **(33)** US
 63/249,568 28.09.21 US
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(43) 16.02.2023
(72) BUTLER, Thomas; PALMER, James T.
(74) RnB IP

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(11) AU-A-2022331496
(21) 2022331496 **(22)** 10.08.2022
(54) CRYSTALLINE FORM OF N-[4-(4-
 MORPHOLINYL)-7H-PYRROLO[2,3-
 D]PYRIMIDIN-6-YL]PHENYL]-4-[[3(R)-
 [(1-OXO-2-PROPEN-1-YL)AMINO]-1-
 PIPERIDINYL]METHYL]-2-PYRIDINE-
 CARBOXAMIDE, AN IRREVERSIBLE
 MENIN-MLL INHIBITOR FOR THE
 TREATMENT OF CANCER
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/06 (2006.01)
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(72) HE, Hongyan; JAING, Siyi;
 SOMANATH, Priyanka; LU, Daniel;
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 LER, Thomas; PALMER, James T.;
 WONG, Angelina Sau Man; LIN, Nan-
 Horng; TAN, Heow
(74) RnB IP

(71) BIOTHEUS INC.
(11) AU-A-2022330225
(21) 2022330225 **(22)** 17.08.2022
(54) BISPECIFIC ANTIBODY AND USE
 THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)

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C12N 15/13 (2006.01)
G01N 33/68 (2006.01)
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(43) 23.02.2023
(72) LUO, Yi; CHEN, Junying; MIAO, Xiaoni; HUANG, Weifeng; YUAN, Zhijun; PENG, Shaogang; TSUN, Andy
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** BLUENEWABLES SL
(11) AU-A-2022346182
(21) 2022346182 **(22)** 16.09.2022
(54) FLOATING PLATFORM DEVICE FOR A WIND TURBINE TOWER AND ASSEMBLY METHOD
(51) Int. Cl.
F03D 13/20 (2016.01)
B63B 21/50 (2006.01)
F03D 13/25 (2016.01)
B63B 35/44 (2006.01)
(87) WO2023/041687
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(72) COUÑAGO LORENZO, Bernardino; SAINZ ÁVILA, Óscar; FERNÁNDEZ GIL, Ismael; BARAHONA OVIEDO, Cecilio; HERNÁNDEZ BLANCO, Sergio; RECHINA MATEOS, Enrique
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(11) AU-A-2022315301
(21) 2022315301 **(22)** 22.07.2022
(54) CD3-EXPRESSING NATURAL KILLER CELLS WITH ENHANCED FUNCTION FOR ADOPTIVE IMMUNOTHERAPY
(51) Int. Cl.
A61K 35/17 (2015.01)
C07K 14/25 (2006.01)
C07K 16/30 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
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(72) LIU, Enli; REZVANI, Katy; BASAR, Rafet; LIU, Bin; MARIN COSTA, David
(74) FB Rice Pty Ltd
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- (71)** BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
(11) AU-A-2022339610
(21) 2022339610 **(22)** 31.08.2022
(54) COMPOSITIONS AND METHODS FOR TREATING BONE INJURIES
(51) Int. Cl.
A61L 24/04 (2006.01)
A61K 35/14 (2015.01)
A61K 35/16 (2015.01)
A61K 35/32 (2015.01)
A61K 47/36 (2006.01)
(87) WO2023/034451
(31) 63/239,161 **(32)** 31.08.21 **(33)** US
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- (43)** 09.03.2023
(72) GLATT, Vaida
(74) Griffith Hack
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- (71)** BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(11) AU-A-2022366192
(21) 2022366192 **(22)** 14.10.2022
(54) TRPC6 INHIBITORY COMPOUNDS FOR TREATING SEPSIS
(51) Int. Cl.
A61K 31/4545 (2006.01)
A61K 31/444 (2006.01)
A61K 31/496 (2006.01)
A61K 31/501 (2006.01)
A61P 11/00 (2006.01)
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(31) 21202812.0 **(32)** 15.10.21 **(33)** EP
(43) 20.04.2023
(72) BOUYSSOU, Thierry; NICKLIN, Paul
(74) Spruson & Ferguson
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- (71)** BONAFIDE HEALTH, LLC
(11) AU-A-2022359566
(21) 2022359566 **(22)** 30.09.2022
(54) PRODUCTS AND METHODS FOR EXTENDING THE SHELF LIFE OF WATER-SENSITIVE PRODUCTS
(51) Int. Cl.
A61K 38/40 (2006.01)
A23L 33/135 (2016.01)
A23L 33/00 (2016.01)
(87) WO2023/059523
(31) 63/253,920 **(32)** 08.10.21 **(33)** US
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(72) KOMOROWSKI, James R.; KOMOROWSKI, Haley
(74) Spruson & Ferguson
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- (71)** BORCHERS GMBH
(11) AU-A-2022340669
(21) 2022340669 **(22)** 02.05.2022
(54) PROCESS FOR IMPROVING RESIN PERFORMANCE
(51) Int. Cl.
C09D 167/08 (2006.01)
C09D 7/80 (2018.01)
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(72) SIMPSON, Neil J.; NEHACHE, Sabrina; MENZEL, Claudia
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** BREVILLE PTY LIMITED
(11) AU-A-2022328855
(21) 2022328855 **(22)** 17.08.2022
(54) COFFEE GRINDER CONTROL SYSTEM
(51) Int. Cl.
A47J 42/06 (2006.01)
A47J 42/40 (2006.01)
A47J 42/44 (2006.01)
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(74) GLMR
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(21) 2022326209 **(22)** 11.08.2022
(54) METHOD OF ENERGY-EFFICIENT DRYING OF GERMINATED SEEDS AND APPARATUS FOR PERFORMING THE METHOD
(51) Int. Cl.
F26B 21/08 (2006.01)
C12C 1/073 (2006.01)
F26B 21/10 (2006.01)
F26B 21/12 (2006.01)
F26B 25/22 (2006.01)
F26B 9/06 (2006.01)
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(72) LEFEBVRE, Clément; RITTENAUER, Michael; TORRENTÓ, Albert Garcia
(74) Spruson & Ferguson
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- (71)** BURLING AGED CARE SOLUTIONS PTY LTD
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(51) Int. Cl.
A61G 7/00 (2006.01)
A61G 7/005 (2006.01)
A61G 7/008 (2006.01)
A61G 7/012 (2006.01)
A61G 7/015 (2006.01)
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(72) BURLING, Anthony; BURLING, Tracy
(74) Alder IP Pty Ltd
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- (71)** C.E.S. İLERİ KOMPOZİT VE SAVUNMA TEKNOLOJİLERİ SANAYİ VE TİCARET ANONİM ŞİRKETİ
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(54) THE RATCHET DIAL MECHANISM FOR HELMET
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(72) DOĞUKAYA, Çetin; SOYLU, Selami; YEŞİLGÜL, Orhan; SARIFAKIOĞLU, Jale Selin
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- (71)** C2G ENERGY MANAGEMENT PTY LTD
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(21) 2021461685 **(22)** 24.08.2021

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 (51) Int. Cl.
B67D 7/36 (2010.01)
B65D 90/26 (2006.01)
F16K 31/122 (2006.01)
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 (74) Caska Intellectual Property Pty Ltd
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- (71) CALIFORNIA LASIK & EYE, INC.
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A61F 2/16 (2006.01)
 (87) WO2023/039138
 (31) 17/471,496 (32) 10.09.21 (33) US
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 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) CAMERON TECHNOLOGIES LIMITED
 (11) AU-A-2022326441
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 (54) CITRATE POLYESTER ADDITIVES FOR CRUDE OIL, MIXTURES OF SAID ADDITIVES AND CRUDE OIL, AND METHODS FOR PRODUCING SAID MIXTURES
 (51) Int. Cl.
C09K 8/524 (2006.01)
C08G 63/06 (2006.01)
C08G 63/91 (2006.01)
C08L 67/04 (2006.01)
C08L 101/00 (2006.01)
E21B 37/06 (2006.01)
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G06Q 20/34 (2012.01)
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A61M 5/14 (2006.01)
A61M 25/00 (2006.01)
A61M 39/22 (2006.01)
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G05B 13/02 (2006.01)
G05B 13/04 (2006.01)
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C07D 235/32 (2006.01)
A61K 31/4184 (2006.01)
C07D 209/04 (2006.01)
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C25B 1/04 (2021.01)
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E04F 19/02 (2006.01)
E04F 13/073 (2006.01)
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B29C 45/00 (2006.01)
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H02G 1/10 (2006.01)
F16L 1/12 (2006.01)
H02G 9/02 (2006.01)
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C12N 5/07 (2010.01)
C12N 5/0735 (2010.01)
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H04W 12/062 (2021.01)
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C07D 213/76 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4436 (2006.01)
A61P 35/00 (2006.01)
B01J 31/22 (2006.01)
B01J 31/24 (2006.01)
C07B 61/00 (2006.01)
C07D 213/73 (2006.01)
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C12N 1/16 (2006.01)
A23J 1/18 (2006.01)
A23L 33/195 (2016.01)
C07K 14/395 (2006.01)
C07K 14/81 (2006.01)
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G01N 1/02 (2006.01)
B01L 3/00 (2006.01)
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 (51) Int. Cl.
B01L 3/00 (2006.01)
G01N 33/48 (2006.01)
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 (54) SECURABLE DEVICE AND METHOD FOR SECURING THE SAME
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E02B 3/02 (2006.01)
E02B 3/04 (2006.01)
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C11D 1/94 (2006.01)
C11D 3/04 (2006.01)
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G06F 21/62 (2013.01)
H04L 9/40 (2022.01)
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G01R 31/00 (2006.01)
G05B 11/42 (2006.01)
G05B 19/045 (2006.01)
H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
H01M 10/48 (2006.01)
H02J 1/10 (2006.01)
H02J 3/32 (2006.01)
H02J 7/00 (2006.01)
H04L 12/40 (2006.01)
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C12N 15/82 (2006.01)
C12N 9/32 (2006.01)
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E06C 7/00 (2006.01)
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B25B 5/06 (2006.01)
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A21D 13/045 (2017.01)
A21D 2/26 (2006.01)
A21D 13/064 (2017.01)
A21D 13/066 (2017.01)
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A01N 43/78 (2006.01)
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 (54) A SYSTEM AND METHOD OF IDENTIFYING EQUIPMENT
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B60P 1/04 (2006.01)
E02F 3/43 (2006.01)
E02F 9/20 (2006.01)
G01G 19/08 (2006.01)
G01P 15/00 (2006.01)
G06Q 50/02 (2012.01)
G07C 5/02 (2006.01)
H04W 4/80 (2018.01)
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C07K 16/06 (2006.01)
C07K 1/16 (2006.01)
C07K 1/22 (2006.01)
C07K 14/31 (2006.01)
C07K 16/00 (2006.01)
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E04B 1/76 (2006.01)
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G06Q 10/08 (2023.01)
B65G 1/137 (2006.01)
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B32B 25/18 (2006.01)
B32B 5/02 (2006.01)
B32B 7/12 (2006.01)
B32B 15/06 (2006.01)
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F16L 58/10 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
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A61B 17/80 (2006.01)
A61B 90/00 (2016.01)

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 (54) AUTOMATIC WEIGHT DISTRIBUTION SYSTEM AND METHOD WITH CONTINUOUS MONITORING
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B60D 1/24 (2006.01)
B60D 1/06 (2006.01)
B60D 1/145 (2006.01)
B60D 1/46 (2006.01)
 (87) WO2023/039006
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C25B 9/70 (2021.01)
C25B 1/04 (2021.01)
C25B 3/03 (2021.01)
C25B 3/07 (2021.01)
C25B 3/25 (2021.01)
C25B 3/26 (2021.01)
C25B 9/73 (2021.01)
C25B 15/02 (2021.01)
C25B 15/023 (2021.01)
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A61Q 17/04 (2006.01)
A61K 8/18 (2006.01)
A61K 8/29 (2006.01)
A61K 8/30 (2006.01)
A61K 31/295 (2006.01)
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H01T 19/00 (2006.01)
F24F 8/30 (2021.01)
H01T 23/00 (2006.01)
H01T 19/04 (2006.01)
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B67D 7/76 (2010.01)
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 (72) DICKEL, Martin
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- (71) DOLBY LABORATORIES LICENSING CORPORATION; DOLBY INTERNATIONAL AB
 (11) AU-A-2022332970
 (21) 2022332970 (22) 24.08.2022
 (54) METHOD AND APPARATUS FOR METADATA-BASED DYNAMIC PROCESSING OF AUDIO DATA
 (51) Int. Cl.
G10L 19/16 (2013.01)
H03G 7/00 (2006.01)
G10L 21/0364 (2013.01)
H03G 3/00 (2006.01)
H03G 11/00 (2006.01)
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 (72) FERSCH, Christof; NORCROSS, Scott Gregory
 (74) Spruson & Ferguson
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E01C 13/08 (2006.01)
B32B 5/24 (2006.01)
B32B 5/26 (2006.01)
E01C 13/06 (2006.01)
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 (43) 26.01.2023
 (72) PADDOCK, John F.
 (74) Dark IP
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 (51) Int. Cl.
B60B 5/02 (2006.01)
B60B 21/02 (2006.01)
B60B 3/02 (2006.01)
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 (31) 2110639.8 (32) 23.07.21 (33) GB
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 (72) WAKEMAN, Eric; DE LANGE, Thomas; WILSON, Michael
 (74) Spruson & Ferguson
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- (71) ECOFILL GROUP LIMITED
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 (54) AN IMPROVED TINE ASSEMBLY
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B07B 1/12 (2006.01)
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 (72) BOWIE, David
 (74) PIPERS
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 (21) 2022338055 (22) 29.08.2022
 (54) SUBCUTANEOUS FORMULATIONS OF ANTI-ABETA PROTOFIBRIL ANTI-BODY AND METHODS OF USE THEREOF
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
C07K 16/18 (2006.01)
 (87) WO2023/034230
 (31) 63/260,730 (32) 30.08.21 (33) US
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 (74) Davies Collison Cave Pty Ltd

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 (54) THERAPEUTIC AGENT DELIVERY DEVICE INCLUDING DISPOSABLE AND REUSABLE PORTIONS
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 A61M 5/315 (2006.01)
 A61M 5/32 (2006.01)
 A61M 5/50 (2006.01)
 A61M 5/20 (2006.01)
 A61M 5/24 (2006.01)
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 (31) 63/234,855 (32) 19.08.21 (33) US
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 (72) ATTERBURY, William Godwin; BARTHOLOMEW, John Edward; DANHOF, Scott Nicholas; HOLLEY, David Arthur; MARSHALL, Michael Lewis; ULRICH, Michael Scott; ZAMBANINI, Joseph Edward
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- (71) ELI LILLY AND COMPANY
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 (54) SYSTEMS AND METHODS FOR SENSING DEFECATION EVENTS
 (51) Int. Cl.
 A61B 5/11 (2006.01)
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 (87) WO2023/034511
 (31) 20210100581 (32) 03.09.21 (33) GR
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 C25C 3/12 (2006.01)
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- (43) 16.03.2023
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- (71) ENA RESPIRATORY PTY LTD
 (11) AU-A-2022338350
 (21) 2022338350 (22) 02.09.2022
 (54) FORMULATION
 (51) Int. Cl.
 A61K 31/23 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/19 (2006.01)
 A61K 47/40 (2006.01)
 A61K 47/60 (2017.01)
 A61P 31/14 (2006.01)
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 (43) 09.03.2023
 (72) MCLACHLAN, Grant
 (74) FPA Patent Attorneys Pty Ltd
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 (54) IL-10 INDUCING POLYPEPTIDES AND USES THEREOF
 (51) Int. Cl.
 C07K 14/54 (2006.01)
 C07K 14/24 (2006.01)
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 (43) 02.02.2023
 (72) BONNY, Christophe; CULTRONE, Antonietta; PFISTER, Hélène
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ENVISION ENERGY CO., LTD
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 (21) 2021460338 (22) 17.08.2021
 (54) BACKUP POWER SUPPLY AND OPERATING METHOD THEREFOR
 (51) Int. Cl.
 H02J 9/06 (2006.01)
 H02J 3/38 (2006.01)
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 H02J 9/04 (2006.01)
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 (74) Collison & Co
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 (11) AU-A-2022350996
 (21) 2022350996 (22) 22.09.2022
 (54) METHOD AND A CONTROL NODE FOR CONTROLLING A MINING RIG
 (51) Int. Cl.
 E21C 35/24 (2006.01)
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 (43) 30.03.2023
 (72) SYSE, Björn; EHRNSTRÖM, Tony; ÖBERG, Peter; KARLBERG, Magnus
 (74) WRAYS PTY LTD
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- (71) EPIROC ROCK DRILLS AKTIEBOLAG
 (11) AU-A-2022354426
 (21) 2022354426 (22) 30.09.2022
 (54) METHOD, LOCALIZATION CONTROLLER AND VEHICLE IN A MINING ENVIRONMENT
 (51) Int. Cl.
 G05D 1/00 (2006.01)
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 (72) LANDMARK, Nicklas; ÖKVIST, Andreas; KALANDER, Jan; KODZAGA, Ermin
 (74) WRAYS PTY LTD
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 (21) 2022329922 (22) 01.08.2022
 (54) PROTECTIVE SYSTEM, ASSEMBLY, AND METHOD
 (51) Int. Cl.
 E02F 3/60 (2006.01)
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 (74) Minter Ellison
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 (54) LENS ELEMENT WITH IMPROVED VISUAL PERFORMANCE
 (51) Int. Cl.
 G02C 7/02 (2006.01)
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 (72) GIRAUDET, Guillaume; RIO, David; GUILLOT, Matthieu; HAMLAOUI, Samy; FERMIGIER, Bruno
 (74) Michael Buck IP
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- (71) ESSILOR INTERNATIONAL
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 (54) LENS ELEMENT
 (51) Int. Cl.
 G02C 7/02 (2006.01)
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 (72) GIRAUDET, Guillaume; HAMLAOUI, Samy; GUILLOT, Matthieu; RIO, David
 (74) Michael Buck IP
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- (71) EVAPCO, INC.
 (11) AU-A-2022325898
 (21) 2022325898 (22) 15.08.2022
 (54) AIR-COOLED STEAM CONDENSER WITH IMPROVED SECOND STAGE CONDENSER
 (51) Int. Cl.

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F28B 9/02 (2006.01)
F28D 15/02 (2006.01)
H05K 7/20 (2006.01)
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(72) LIBERT, Jean-Pierre; HUBER, Mark
(74) Davies Collison Cave Pty Ltd

(71) EVITHE LIMITED
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(21) 2022325690 **(22)** 11.08.2022
(54) METHODS OF PREPARATION OF ZINGERONE, COMPOSITIONS COMPRISING ZINGERONE, AND USES THEREFOR

(51) Int. Cl.
A61K 31/12 (2006.01)
A61K 9/00 (2006.01)
A61K 31/546 (2006.01)
A61K 31/7036 (2006.01)
A61K 36/9068 (2006.01)
A61K 38/14 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
C07C 45/78 (2006.01)
C07C 49/255 (2006.01)
(87) WO2023/018338
(31) 779010 **(32)** 11.08.21 **(33)** NZ
(43) 16.02.2023
(72) HUNEFELD-GAIKEMA, Cynthia
(74) Southern Cross Intellectual Property

(71) EVONIK OPERATIONS GMBH
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(21) 2022311472 **(22)** 07.07.2022
(54) VALVE TRAYS IN EXTRACTION COLUMNS
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B01D 11/04 (2006.01)
C01B 15/023 (2006.01)
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(72) RYLL, Marco; KAMP, Johannes; ARÉVALO SAADE, Eduardo Federico
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(11) AU-A-2022332992
(21) 2022332992 **(22)** 25.08.2022
(54) SEGMENTATION INSTRUMENT AND CONTROLLER
(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/14 (2006.01)
(87) WO2023/028266
(31) 63/237,025 **(32)** 25.08.21 **(33)** US
(43) 02.03.2023
(72) JOHNSON, Dirk; JOHNSON, Kristin D.; GREGG, William N.; RUPP, Steven C.; CHOI, Steve; GARCIA, Armando; CREASY, Hana; UNDERWOOD, Chris
(74) Spruson & Ferguson

(71) EXIMIS SURGICAL INC.
(11) AU-A-2022334302
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(54) CONTAINMENT BAG
(51) Int. Cl.
A61B 17/221 (2006.01)
A61B 10/04 (2006.01)
A61B 18/14 (2006.01)
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(72) JOHNSON, Dirk; JOHNSON, Kristin D.; GREGG, William N.; RUPP, Steven C.; CHOI, Steve; GARCIA, Armando; CREASY, Hana; UNDERWOOD, Chris
(74) Spruson & Ferguson

(71) FABLE ENTERTAINMENT, INC.
(11) AU-A-2022310351
(21) 2022310351 **(22)** 14.07.2022
(54) SYSTEM AND METHOD FOR DEVELOPMENT AND MANAGEMENT OF ENTERTAINMENT PROJECTS
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G06Q 10/06 (2023.01)
G06F 17/00 (2019.01)
(87) WO2023/288025
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(43) 19.01.2023
(72) SHREM, Yuval
(74) Griffith Hack

(71) FATE THERAPEUTICS, INC
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(54) OFF-THE-SHELF IPSC-DERIVED CAR-NK CELL AS MONOTHERAPY AND IN COMBINATION WITH ANTI-BODY
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2023/023629
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(72) VALAMEHR, Bahram; CHU, Yu-Waye
(74) Spruson & Ferguson

(71) FENWICK & CO LIMITED
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(21) 2022334091 **(22)** 25.08.2022
(54) DEVICE, COMPONENTS, AND KITS FOR APPLYING HAIR COMPOSITIONS AND THE MANUFACTURE AND USE THEREOF
(51) Int. Cl.
A45D 19/00 (2006.01)
A45D 8/30 (2006.01)
(87) WO2023/027598
(31) 779414 **(32)** 25.08.21 **(33)** NZ

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(72) FENWICK, Aarron; BACKLER, Matthew; REES-JONES, Blythe; FULLERTON, Mark
(74) Southern Cross Intellectual Property

(71) FESTOOL GMBH
(11) AU-A-2022326835
(21) 2022326835 **(22)** 12.08.2022
(54) ELECTRICALLY OPERABLE APPARATUS AND METHOD
(51) Int. Cl.
B25J 9/00 (2006.01)
A47L 5/36 (2006.01)
(87) WO2023/017172
(31) 10 2021 208 904.6 **(32)** 13.08.21 **(33)** DE
(43) 16.02.2023
(72) WEIDNER, Robert; AR-GUBI-WOLLESEN, Andreas; OTTEN, Bernward; ENDER, Dominic Richard; HIPPE, Björn
(74) FB Rice Pty Ltd

(71) FESTOOL GMBH
(11) AU-A-2022327769
(21) 2022327769 **(22)** 12.08.2022
(54) EXOSKELETON DEVICE AND METHOD
(51) Int. Cl.
B25J 9/00 (2006.01)
(87) WO2023/017174
(31) 10 2021 208 899.6 **(32)** 13.08.21 **(33)** DE
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(72) PETERS, Victor; HIPPE, Björn; WEIDNER, Robert; ENDER, Dominic Richard; BOZLER, Stefan; OTTEN, Bernward
(74) FB Rice Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2022332689
(21) 2022332689 **(22)** 25.08.2022
(54) METHOD AND SYSTEM OF MONITORING OXYGEN
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/08 (2006.01)
A61M 16/00 (2006.01)
A61M 16/10 (2006.01)
A61M 16/12 (2006.01)
(87) WO2023/026219
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(43) 02.03.2023
(72) MATTHEWS, Cameron, Leslie; GLAVES, Rachael; LOWENSTEIN, Lindy, Talia; MCDERMOTT, Gareth, Thomas
(74) PHILLIPS ORMONDE FITZPATRICK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2022335770
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- (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61B 5/085 (2006.01)
A61B 5/087 (2006.01)
A61B 5/091 (2006.01)
A61M 16/00 (2006.01)
A61M 16/16 (2006.01)
- (87) WO2023/026218
(31) 63/260,640 (32) 27.08.21 (33) US
(43) 02.03.2023
(72) BARNES, Thomas Heinrich; PAYTON, Matthew Jon; GLAVES, Rachael
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) FLSMIDTH A/S
(11) AU-A-2022330311
(21) 2022330311 (22) 15.08.2022
(54) APPARATUS AND METHOD FOR PROVIDING A REDUCED CEMENTITIOUS MATERIAL
- (51) Int. Cl.
F27B 15/02 (2006.01)
C04B 20/04 (2006.01)
C04B 20/06 (2006.01)
F27D 99/00 (2010.01)
- (87) WO2023/021009
(31) PA202100808 (32) 16.08.21 (33) DK
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(72) SCHMIDT, Iver Blankenberg; ANDERSEN, Bjarke
(74) FPA Patent Attorneys Pty Ltd
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- (71) FOOD CYCLE SCIENCE CORPORATION
(11) AU-A-2021460441
(21) 2021460441 (22) 17.08.2021
(54) A SYSTEM AND METHOD FOR PROVIDING A FOOD RECYCLER HAVING A BUCKET AND GRINDER FOR PROCESSING FOOD
- (51) Int. Cl.
B09B 3/35 (2022.01)
B02C 18/08 (2006.01)
B02C 21/02 (2006.01)
B09B 3/40 (2022.01)
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(43) 23.02.2023
(72) MAXWELL, Timothy John; WANG, Meng; CREPEAU, Bradley
(74) Adams Pluck
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- (71) FORTESCUE LTD
(11) AU-A-2022332703
(21) 2022332703 (22) 24.08.2022
(54) TRACKING METHOD
- (51) Int. Cl.
G06Q 10/047 (2023.01)
G06F 16/29 (2019.01)
G06Q 10/087 (2023.01)
G06Q 50/02 (2012.01)
- (87) WO2023/023752
(31) 2021221768 (32) 25.08.21 (33) AU
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(72) AYRAULT, Sylvain; BEDINI, Andrea; CONNOLLY, Joan; SOLOMON, Robert; KOPACZEWSKYJ, Geoffrey James
(74) Davies Collison Cave Pty Ltd
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- (71) FRITO-LAY NORTH AMERICA, INC.
(11) AU-A-2022339414
(21) 2022339414 (22) 09.08.2022
(54) METHOD FOR CO-FRYING VEGETABLE AND TUBER SUBSTRATES
- (51) Int. Cl.
A23L 3/32 (2006.01)
A23L 5/10 (2016.01)
A23L 19/10 (2016.01)
A23L 19/12 (2016.01)
A23L 19/18 (2016.01)
- (87) WO2023/033999
(31) 17/466,272 (32) 03.09.21 (33) US
(43) 09.03.2023
(72) BHASKAR, Ajay Rajeshwar; AMOAKO, Derrick Brian
(74) James & Wells Intellectual Property
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- (71) FRONIUS INTERNATIONAL GMBH
(11) AU-A-2022312126
(21) 2022312126 (22) 12.07.2022
(54) METHOD FOR CONTROLLING ELECTRICAL NETWORK VARIABLES IN A FEED NETWORK
- (51) Int. Cl.
H02J 3/26 (2006.01)
H02J 3/38 (2006.01)
H02J 3/48 (2006.01)
- (87) WO2023/285439
(31) 21185638.0 (32) 14.07.21 (33) EP
(43) 19.01.2023
(72) BARTEL, Daniel; GRASBÖCK, Richard; KREUZER, Harald; PIELER, Roland
(74) FB Rice Pty Ltd
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- (71) FRONIUS INTERNATIONAL GMBH
(11) AU-A-2023284998
(21) 2023284998 (22) 09.06.2023
(54) CHOKE, AND METHOD FOR MANUFACTURING SUCH A CHOKE
- (51) Int. Cl.
H01F 27/06 (2006.01)
H01F 27/245 (2006.01)
H01F 27/26 (2006.01)
H01F 27/30 (2006.01)
H01F 27/32 (2006.01)
- (87) WO2023/237708
(31) 22178352.5 (32) 10.06.22 (33) EP
(43) 14.12.2023
(72) GROTTENTHALER, Patrick; RESCH, Andreas
(74) Davies Collison Cave Pty Ltd
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- (71) FRONTIER LITHIUM INC.
(11) AU-A-2022331958
(21) 2022331958 (22) 27.08.2022
(54) PROCESSING HARD ROCK LITHIUM MINERALS OR OTHER MATERIALS TO PRODUCE BOTH LITHIUM CARBONATE AND LITHIUM HYDROXIDE
- (51) Int. Cl.
C01D 15/00 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C22B 3/08 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
H01M 6/52 (2006.01)
H01M 10/54 (2006.01)
- (87) WO2023/026259
(31) 63/237,996 (32) 27.08.21 (33) US
(43) 02.03.2023
(72) CAO, Naizhen
(74) FPA Patent Attorneys Pty Ltd
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- (71) FRONTIER LITHIUM INC.
(11) AU-A-2022335007
(21) 2022335007 (22) 29.08.2022
(54) PROCESSING HARD ROCK LITHIUM MINERALS OR OTHER MATERIALS TO PRODUCE LITHIUM MATERIALS AND BYPRODUCTS CONVERTED FROM A SODIUM SULFATE INTERMEDIATE PRODUCT
- (51) Int. Cl.
C01D 15/00 (2006.01)
C01D 5/02 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C22B 3/08 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
H01M 6/52 (2006.01)
H01M 10/54 (2006.01)
- (87) WO2023/026261
(31) 63/237,900 (32) 27.08.21 (33) US
(43) 02.03.2023
(72) CAO, Naizhen
(74) FPA Patent Attorneys Pty Ltd
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- (71) GAMIDA-CELL LTD.
(11) AU-A-2022313138
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C12N 15/62 (2006.01)
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C12N 15/867 (2006.01)
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C07K 7/08 (2006.01)
A61P 25/02 (2006.01)
A61P 25/00 (2006.01)
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A61L 24/10 (2006.01)
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H04M 3/51 (2006.01)
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H04L 67/10 (2022.01)
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A61K 31/739 (2006.01)
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A61B 17/06 (2006.01)
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G06F 21/44 (2013.01)
G06F 21/72 (2013.01)
G06F 21/77 (2013.01)
H04L 9/08 (2006.01)
H04L 9/40 (2022.01)
H04W 12/069 (2021.01)
H04W 12/42 (2021.01)
H04W 12/75 (2021.01)
H04W 88/02 (2009.01)
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A61K 31/4745 (2006.01)
C07D 519/00 (2006.01)
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C12Q 1/6886 (2018.01)
G16B 40/00 (2019.01)
C12Q 1/6809 (2018.01)
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A61K 39/395 (2006.01)
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E21B 34/06 (2006.01)
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E21B 43/12 (2006.01)
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H10K 71/15 (2023.01)
C01D 3/04 (2006.01)
C01G 21/16 (2006.01)
H10K 30/10 (2023.01)
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A61P 35/00 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/4439 (2006.01)
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A61P 35/00 (2006.01)
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B60L 53/63 (2019.01)
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B60L 58/12 (2019.01)
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G06Q 10/06 (2023.01)
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H04W 12/069 (2021.01)
H04L 9/08 (2006.01)
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H04W 8/24 (2009.01)
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C12Q 1/689 (2018.01)
A61K 35/747 (2015.01)
A61P 1/04 (2006.01)
C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
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C01B 3/34 (2006.01)
B01D 53/62 (2006.01)
C01B 3/48 (2006.01)
C01F 11/00 (2006.01)
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 (54) METHOD FOR RECOVERING METAL FROM METAL ELEMENT-CONTAINING SUBSTANCE
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B01J 20/22 (2006.01)
C12N 1/12 (2006.01)
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F16K 11/083 (2006.01)
A61M 16/20 (2006.01)
F16K 31/524 (2006.01)
F16K 31/56 (2006.01)
F16K 31/60 (2006.01)
F16K 35/04 (2006.01)
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 (54) OXIDATION-RESISTANT INK COMPOSITIONS AND METHODS OF USE
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C09D 11/30 (2014.01)
C09B 69/10 (2006.01)
C09D 11/32 (2014.01)
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A62B 35/00 (2006.01)
B60R 11/00 (2006.01)
B60R 21/18 (2006.01)
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A61K 47/26 (2006.01)
A61P 25/36 (2006.01)
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A61K 31/352 (2006.01)
B01J 27/26 (2006.01)
C07C 41/03 (2006.01)
C07F 15/06 (2006.01)
C08G 65/26 (2006.01)
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 (21) 2022329382 (22) 16.08.2022
 (54) METHOD FOR THE ELECTROLYSIS OF WATER AT VARIABLE CURRENT DENSITIES
 (51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/05 (2021.01)
C25B 9/19 (2021.01)
C25B 9/77 (2021.01)
C25B 15/02 (2021.01)
C25B 15/023 (2021.01)
C25B 15/08 (2006.01)
 (87) WO2023/021034
 (31) 21191769.5 (32) 17.08.21 (33) EP
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) INIBIO CO., LTD.
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 (21) 2022313758 (22) 22.07.2022
 (54) METHOD FOR PURIFICATION OF BOTULINUM TOXIN COMPLEX WITH IMPROVED PURIFICATION YIELD
 (51) Int. Cl.
C07K 14/33 (2006.01)
C07K 1/18 (2006.01)
C12N 9/64 (2006.01)
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(54) IMPROVEMENTS IN FUELS
(51) Int. Cl.
C10L 1/16 (2006.01)
C10L 1/196 (2006.01)
C10L 1/197 (2006.01)
C10L 1/224 (2006.01)
C10L 7/00 (2006.01)
C10L 10/14 (2006.01)
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21202995.3 15.10.21 EP
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(72) LENNON, Jason Allen; DANIELS, David Arthur
(74) PHILLIPS ORMONDE FITZPATRICK
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(54) DISCOVERY PLATFORM
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G16H 50/20 (2018.01)
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BHANDARI, Ashok; FREDERICK, Brian;
TRAN, Tran Trung; ZHANG, Jie
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C12N 15/12 (2006.01)
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A61K 39/002 (2006.01)
A61K 39/02 (2006.01)
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C12N 15/12 (2006.01)
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 SUGANUMA, Takaya; HORI, Satoshi;
 KUBO, Shun; YAMAMOTO, Masaki;
 FUKAGAWA, Satoko; ISHIKAWA,
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 G06Q 30/02 (2023.01)
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 G06F 17/18 (2006.01)
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 C04B 35/634 (2006.01)
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 CAIRNS, Billy, Jay; THAM, Peter;
 MUELLER, Carl, Camille; COSTANZO,
 Kevin, J.; JONES, Brian, R.; GRAY,
 Daniel, P.
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 OF CHEMICAL TECHNOLOGY; IN-
 DUSTRY-ACADEMIC COOPERATION
 FOUNDATION, YONSEI UNIVERSITY
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 (54) PYRIMIDINE DERIVATIVE, METHOD
 FOR PREPARING SAME, AND PHAR-
 MACEUTICAL COMPOSITION FOR
 PREVENTING OR TREATING CAN-
 CER COMPRISING SAME AS ACTIVE
 INGREDIENT
 (51) Int. Cl.
 C07D 239/48 (2006.01)
 A61K 31/505 (2006.01)
 A61K 31/5377 (2006.01)
 A61K 31/54 (2006.01)
 A61K 45/06 (2006.01)
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 Babu; CHOI, Gil Don; CHAE, Chong
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 B62K 25/08 (2006.01)
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 A63B 22/00 (2006.01)
 A63B 21/068 (2006.01)
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 B01J 4/00 (2006.01)
 B01J 8/00 (2006.01)
 B01J 19/00 (2006.01)
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 A47L 23/20 (2006.01)
 A47B 61/04 (2006.01)
 A61L 2/07 (2006.01)
 A61L 2/26 (2006.01)
 F26B 3/06 (2006.01)
 F26B 5/16 (2006.01)
 F26B 21/00 (2006.01)
 F26B 21/08 (2006.01)
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 (54) BATTERY MANAGEMENT DEVICE AND OPERATION METHOD THEREOF
 (51) Int. Cl.
 G01R 31/385 (2019.01)
 G01R 19/165 (2006.01)
 G01R 31/367 (2019.01)
 G01R 31/396 (2019.01)
 H01M 10/48 (2006.01)
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 (54) METHOD OF PERFORMING SERVICE WORK ON A HORIZONTAL AXIS WIND TURBINE
 (51) Int. Cl.
 F03D 7/02 (2006.01)
 F03D 80/50 (2016.01)
 (87) WO2023/057274
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 (54) MULTI-ZONE FUEL ELEMENT
 (51) Int. Cl.
 G21C 3/326 (2006.01)
 B33Y 80/00 (2015.01)
 G21C 3/04 (2006.01)
 G21C 3/16 (2006.01)
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 (72) TOTEMEIER, Aaron
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) ENVIRONMENTAL SOUND LOUD-SPEAKER
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 H04R 1/40 (2006.01)
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 H04R 3/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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(54) USE OF MESENCHYMAL STEM CELLS IN TREATMENT OF JUVENILE HYPOPLASTIC LEFT HEART SYNDROME
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A61P 9/00 (2006.01)
A61K 35/28 (2015.01)
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H10K 30/50 (2023.01)
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H04L 47/22 (2022.01)
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(54) METHODS AND SYSTEMS FOR PERFORMING OXIDATIVE COUPLING OF METHANE
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C07C 1/04 (2006.01)
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B64C 39/00 (2023.01)
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G06F 3/041 (2006.01)
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(54) SYSTEM AND METHOD FOR THERMAL ENERGY STORAGE AND TRASFER BASED UPON A BED OF FLUIDIZED PARTICLES
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F28D 13/00 (2006.01)
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D21F 7/00 (2006.01)
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A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
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A61K 38/51 (2006.01)
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C12N 15/63 (2006.01)
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CANCER CENTER; SLOAN-KETTER-
ING INSTITUTE FOR CANCER RE-
SEARCH; MEMORIAL HOSPITAL FOR
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TRI-INSTITUTIONAL THERAPEUTICS
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(21) 2022340644 (22) 02.09.2022
(54) ANTIGEN RECOGNIZING RECEPT-
ORS TARGETING CD33 AND USES
THEREOF
(51) Int. Cl.
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C12N 15/63 (2006.01)
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Reiner; LORENZ, Ivo, C.; KHAN, Abdul
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CANCER CENTER; SLOAN-KETTER-
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SEARCH; MEMORIAL HOSPITAL FOR
CANCER AND ALLIED DISEASES;
TRI-INSTITUTIONAL THERAPEUTICS
DISCOVERY INSTITUTE, INC.
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MEDIATED TUMOR CYTOTOXICITY
FROM RELEASE OF PRO-INFLAM-
MATORY CYTOKINES
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C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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Stefan; NANFACK, Yves Fomekong;
SCHROETER, Christian; TOLEIKIS,
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(21) 2022312473 (22) 11.07.2022
(54) COMPOSITIONS AND METHODS
FOR TREATING DISEASE II
(51) Int. Cl.
C12N 1/20 (2006.01)
A61K 35/00 (2006.01)
A61K 35/741 (2015.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C12Q 1/689 (2018.01)
C12R 1/01 (2006.01)
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(74) James & Wells Intellectual Property
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NARLANKA, Gopala Srihari; ADER-
MANN, Stanley William
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ING POWER SUPPLY
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G06F 1/26 (2006.01)
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Jason; TIN, Suet Fong; VOLKMAN, Mi-
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ETHYLAMIDE FOR THERAPEUTIC
APPLICATIONS
(51) Int. Cl.
A61K 31/48 (2006.01)
A61K 9/00 (2006.01)
A61P 25/28 (2006.01)
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COGHILL, James; LEVY, Daniel Emil
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(11) AU-A-2022312501
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(54) OLIGONUCLEOTIDES AND COMPOS-
ITIONS THEREOF FOR NEUROMUS-
CULAR DISORDERS
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C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
G16B 30/00 (2019.01)
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MUNZ, Marton; MARUSAK, Charles;
PLACE, Robert
(74) Griffith Hack
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(54) COMPOSITE DECK PLATE
(51) Int. Cl.
E04B 5/40 (2006.01)
B27M 3/00 (2006.01)
B27M 3/02 (2006.01)
B27M 3/04 (2006.01)
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(54) FIN FOR HEAT EXCHANGER
(51) Int. Cl.
F28F 1/32 (2006.01)
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MITOMA, Keisuke; KORESAWA,
Takeyuki; HIGASHIURA, Kunihiro;
NAWATA, Kazuya; AOKI, Yasutaka;
UEFUJI, Yoichi; KANEKO, Yasuaki
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MIZKAN HOLDINGS CO., LTD.;
MIZKAN CO., LTD.
(11) AU-A-2022357814
(21) 2022357814 (22) 27.09.2022
(54) COOKED RICE, METHOD FOR PRO-
DUCING SAME, COOKED RICE IM-
PROVING AGENT, METHOD FOR IM-
PROVING STICKINESS OF COOKED
RICE, AND USING METHOD FOR
MITIGATING UNEVEN HEATING IN-
SIDE POT WHEN COOKING RICE
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A23L 7/10 (2016.01)
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TOTANI Mai
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(21) 2022338962 (22) 23.08.2022
(54) STERILE VASCULAR ACCESS
DEVICE
(51) Int. Cl.
A61M 5/42 (2006.01)
A61M 25/02 (2006.01)
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(72) GELLERFORS, Mikael; GELLERFORS,
Pär
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(21) 2022312474 (22) 14.07.2022
(54) RECEPTACLE
(51) Int. Cl.
B65D 21/02 (2006.01)
A61B 50/30 (2016.01)
A61B 50/33 (2016.01)
B65D 25/56 (2006.01)
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NEIL, Caitlin; SMIT, Bob
(74) Chrysiliou IP
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A61B 17/06 (2006.01)
A61B 17/3217 (2006.01)
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A61B 90/00 (2016.01)
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Stephen
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(21) 2022323158 (22) 28.07.2022
(54) FIXED CUTTER DRILL BITS AND
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MENTS FOR SAME
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E21B 10/43 (2006.01)
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(87) WO2023/015130
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(72) RIVERA, JR., Richard; TIPPLES,
Robert Peter Douglas
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(54) FISH DETECTION DEVICE, FISH DE-
TECTION METHOD, AND RECORD-
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(51) Int. Cl.
A01K 61/95 (2017.01)
G06T 7/246 (2017.01)
G06T 7/60 (2017.01)
(87) WO2023/047613
(31) 2021-156242 (32) 27.09.21 (33) JP
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PHARMACEUTICAL COMPOSITION
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C07D 249/04 (2006.01)
A61K 31/4192 (2006.01)
A61P 9/10 (2006.01)
A61P 25/00 (2006.01)
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(54) GAS ADSORPTION SYSTEM AND
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(51) Int. Cl.
B01D 53/32 (2006.01)
B01D 53/02 (2006.01)
B01D 53/62 (2006.01)
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(54) REDUCING LATENCY IN ANTICHEAT
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A63F 13/75 (2014.01)
A63F 13/35 (2014.01)
G06F 16/28 (2019.01)
H04L 67/131 (2022.01)
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(21) 2022306261 (22) 08.07.2022
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A23L 29/256 (2016.01)
A24B 13/00 (2006.01)
A24B 15/16 (2020.01)
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 (51) Int. Cl.
A23L 27/30 (2016.01)
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 (51) Int. Cl.
A23L 2/60 (2006.01)
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A23L 33/185 (2016.01)
C07K 14/43 (2006.01)
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A23L 2/60 (2006.01)
A23L 27/00 (2016.01)
A23L 27/30 (2016.01)
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G06Q 40/06 (2012.01)
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C01F 11/00 (2006.01)
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A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/28 (2006.01)
C07K 14/495 (2006.01)
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F25J 1/00 (2006.01)
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A61K 31/44 (2006.01)
A01N 43/78 (2006.01)
A61K 31/4164 (2006.01)
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C07D 213/16 (2006.01)
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 (21) 2022327771 (22) 12.08.2022
 (54) LOAD HANDLING DEVICE, STORAGE AND RETRIEVAL SYSTEM & METHOD
 (51) Int. Cl.
B65G 1/04 (2006.01)
B60L 53/80 (2019.01)
B60S 5/06 (2019.01)
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 (21) 2022330377 (22) 19.08.2022
 (54) DETERMINING A KINEMATIC STATE OF A LOAD HANDLING DEVICE IN A STORAGE SYSTEM
 (51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/06 (2006.01)
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C07C 317/28 (2006.01)
A61P 17/00 (2006.01)
C07D 295/15 (2006.01)
A61P 17/02 (2006.01)
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 (72) FRUCHTMAN, Steven; PARRIS, Matthew
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
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C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
A61K 35/76 (2015.01)
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A61K 31/22 (2006.01)
A61K 31/015 (2006.01)
A61P 19/00 (2006.01)
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 (72) FURUSAWA Hiroki
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 (54) EXTRACTION OF LIQUID FROM PIERCEABLE LIQUID STORAGE CONTAINER
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B01L 3/00 (2006.01)
G01N 35/10 (2006.01)
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B01L 3/00 (2006.01)
G01N 35/10 (2006.01)
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 (51) Int. Cl.
B01L 3/00 (2006.01)
F16K 99/00 (2006.01)
 (87) WO2023/006988
 (31) 63/227,162 (32) 29.07.21 (33) US
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G01N 27/327 (2006.01)
A61B 5/145 (2006.01)
G01N 27/06 (2006.01)
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 (11) AU-A-2021460191
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G06N 10/60 (2022.01)
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(54) METHODS FOR TREATING NERVOUS SYSTEM DISORDERS WITH ANTI-PURINERGIC AGENTS
(51) Int. Cl.
A61P 25/00 (2006.01)
C07D 455/03 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
C12N 15/113 (2010.01)
C12P 19/34 (2006.01)
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(51) Int. Cl.
B65D 88/08 (2006.01)
B65D 90/02 (2019.01)
E04H 7/06 (2006.01)
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A41B 9/06 (2006.01)
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A61K 31/721 (2006.01)
A61K 9/00 (2006.01)
A61K 33/26 (2006.01)
A61K 47/26 (2006.01)
A61K 47/61 (2017.01)
A61P 7/06 (2006.01)
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A24F 40/42 (2020.01)
A61M 11/04 (2006.01)
A61M 15/06 (2006.01)
A24D 1/20 (2020.01)
A24F 40/20 (2020.01)
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(74) James & Wells Intellectual Property
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(51) Int. Cl.
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B29C 44/18 (2006.01)
E02D 27/08 (2006.01)
E04B 1/14 (2006.01)
E04C 2/30 (2006.01)
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(51) Int. Cl.
B29C 48/08 (2019.01)
B29C 51/00 (2006.01)
B32B 7/12 (2006.01)
B32B 27/28 (2006.01)
B32B 27/30 (2006.01)
B65D 1/00 (2006.01)
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B65D 25/00 (2006.01)
C08J 5/18 (2006.01)
C08L 3/04 (2006.01)
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(31) 2021-166977 **(32)** 11.10.21 **(33)** JP
(43) 20.04.2023
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G01N 27/04 (2006.01)
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G01S 7/52 (2006.01)
G06F 1/16 (2006.01)
G16H 30/20 (2018.01)
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A23L 33/175 (2016.01)
C07K 5/06 (2006.01)
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C09D 5/08 (2006.01)
C09D 183/14 (2006.01)
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A61P 15/08 (2006.01)
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A23L 29/212 (2016.01)
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B08B 9/023 (2006.01)
B63C 11/52 (2006.01)
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A22B 5/08 (2006.01)
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B81B 7/00 (2006.01)
H01L 23/544 (2006.01)
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A61K 31/343 (2006.01)
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C07D 487/04 (2006.01)
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B63B 39/06 (2006.01)
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B65D 51/16 (2006.01)
B32B 3/24 (2006.01)
B32B 3/26 (2006.01)
B32B 5/18 (2006.01)
B32B 15/04 (2006.01)
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A61M 5/178 (2006.01)
A61M 5/315 (2006.01)
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C10G 3/00 (2006.01)
C10G 7/00 (2006.01)
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 C12N 15/113 (2010.01)
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 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
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 H04L 67/147 (2022.01)
 G06F 40/12 (2020.01)
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 (54) BREAKAWAY CONNECTOR
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 A61M 39/10 (2006.01)
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 G06Q 10/0639 (2023.01)
 G06Q 10/0631 (2023.01)
 G06Q 50/02 (2012.01)
 G06V 40/16 (2022.01)
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 G07C 5/00 (2006.01)
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 A21D 13/36 (2017.01)
 A23G 3/34 (2006.01)
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A61K 36/605 (2006.01)
A61P 25/00 (2006.01)
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A47J 31/44 (2006.01)
G06K 7/10 (2006.01)
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A61B 5/145 (2006.01)
G16H 50/30 (2018.01)
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G16H 20/60 (2018.01)
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G16H 20/70 (2018.01)
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A41D 31/08 (2019.01)
A62B 17/00 (2006.01)
D02G 3/44 (2006.01)
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C07K 16/28 (2006.01)
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B29C 64/00 (2017.01)
C08J 3/075 (2006.01)
C08J 3/24 (2006.01)
C08L 5/08 (2006.01)
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E02F 9/24 (2006.01)
G06Q 10/06 (2023.01)
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G06Q 50/02 (2012.01)
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C07D 413/14 (2006.01)
A61P 9/00 (2006.01)
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A61K 31/495 (2006.01)
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C07K 14/47 (2006.01)
A61K 35/17 (2015.01)
C12N 5/00 (2006.01)
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A61M 25/10 (2013.01)
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A62B 18/08 (2006.01)
A41D 13/11 (2006.01)
G10L 21/003 (2013.01)
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A61K 38/18 (2006.01)
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A61K 47/38 (2006.01)
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A61L 27/26 (2006.01)
A61L 27/54 (2006.01)
A61P 17/02 (2006.01)
C12N 5/077 (2010.01)
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H05K 7/20 (2006.01)
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A61K 39/395 (2006.01)
A61K 31/7072 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 9/99 (2006.01)
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A61K 39/395 (2006.01)
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C12P 19/34 (2006.01)
C01F 1/00 (2006.01)
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C01F 11/00 (2006.01)
C07H 1/00 (2006.01)
C07H 19/10 (2006.01)
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C12Q 1/6844 (2018.01)
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H04L 65/102 (2022.01)
H04L 69/08 (2022.01)
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C07C 51/43 (2006.01)
C07C 59/08 (2006.01)
C08K 3/30 (2006.01)
C12M 1/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
C12N 15/62 (2006.01)
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A62D 1/02 (2006.01)
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F16L 47/22 (2006.01)
B29C 61/02 (2006.01)
B65D 41/10 (2006.01)
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TEXTURED, FOOD PRODUCT AND
METHOD FOR PRODUCING SAME
(51) Int. Cl.
A23J 3/16 (2006.01)
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A23J 3/22 (2006.01)
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TERMINAL OF A WIRELESS COMMU-
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G01S 5/02 (2010.01)
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AND METHOD FOR MANUFACTUR-
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A61F 13/49 (2006.01)
A61F 13/15 (2006.01)
A61F 13/496 (2006.01)
A61F 13/51 (2006.01)
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(54) FILMS AND CAPSULES
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C11D 3/22 (2006.01)
B65D 65/46 (2006.01)
C11D 17/04 (2006.01)
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UFACTURING SHEETING
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B32B 27/06 (2006.01)
B32B 3/28 (2006.01)
B32B 5/18 (2006.01)
B32B 7/12 (2006.01)
B32B 27/08 (2006.01)
B32B 27/32 (2006.01)
B32B 37/16 (2006.01)
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- (51)** Int. Cl.
B01L 3/00 (2006.01)
C12Q 1/6825 (2018.01)
C12Q 1/6834 (2018.01)
G01N 27/327 (2006.01)
G01N 33/574 (2006.01)
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(51) Int. Cl.
G06N 10/20 (2022.01)
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(54) IMPROVEMENTS IN OR RELATING
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(51) Int. Cl.
G06N 10/40 (2022.01)
B82Y 10/00 (2011.01)
G11C 27/02 (2006.01)
H03M 1/66 (2006.01)
(87) WO2023/007189
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G01N 27/406 (2006.01)
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A61F 2/02 (2006.01)
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- (51) Int. Cl.
B27K 3/02 (2006.01)
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B27K 5/06 (2006.01)
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A23K 20/189 (2016.01)
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A61B 17/70 (2006.01)
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- (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 49/08 (2006.01)
A61K 49/12 (2006.01)
C07D 471/22 (2006.01)
C07F 3/04 (2006.01)
C07F 3/06 (2006.01)
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C07K 7/06 (2006.01)
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G06F 16/683 (2019.01)
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G10L 25/54 (2013.01)
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- (51) Int. Cl.
G06Q 10/04 (2023.01)
E21B 44/04 (2006.01)
G05B 19/4065 (2006.01)
G05B 23/02 (2006.01)
G06Q 50/02 (2012.01)
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E01F 15/08 (2006.01)
E01F 15/02 (2006.01)
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- (31) 63/231,010 (32) 09.08.21 (33) US
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F24D 17/02 (2006.01)
F24H 6/00 (2022.01)
F24H 9/13 (2022.01)
F25B 41/20 (2021.01)
F24D 3/08 (2006.01)
F24D 19/10 (2006.01)
F24F 5/00 (2006.01)
F24H 4/04 (2006.01)
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- (72) MCRAE, Gordon
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- (71) VENN BIOSCIENCES CORPORATION
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(21) 2022323175 (22) 03.08.2022
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- (51) Int. Cl.
G01N 33/68 (2006.01)
G16B 20/00 (2019.01)
G16B 40/00 (2019.01)
G16B 40/10 (2019.01)
G16B 40/20 (2019.01)
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G06F 21/50 (2013.01)
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 (54) COMBINATION THERAPIES
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A61P 3/04 (2006.01)
A61K 31/4985 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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 (54) METHODS AND SYSTEMS FOR DETECTING CONTENT WITHIN MEDIA STREAMS
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G06V 20/40 (2022.01)
G06V 10/82 (2022.01)
H04N 21/234 (2011.01)
H04N 21/845 (2011.01)
G06N 3/04 (2023.01)
H04N 21/466 (2011.01)
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A01G 33/00 (2006.01)
A01C 1/04 (2006.01)
D07B 1/02 (2006.01)
 (87) WO2023/014869
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 (54) ANCHORS AND WIRELESS SENSOR ATTACHMENT
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A61F 2/24 (2006.01)
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 (54) ANCHORS FOR IMPLANTABLE MEDICAL DEVICES
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A61B 17/11 (2006.01)
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A61B 5/0215 (2006.01)
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A61K 38/20 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/555 (2006.01)
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E04H 12/34 (2006.01)
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F03D 13/20 (2016.01)
F03D 80/80 (2016.01)
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A43C 11/14 (2006.01)
A43C 1/04 (2006.01)

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B65H 75/44 (2006.01)
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(11) AU-A-2022334841
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(54) TOWER CRANE, METHOD AND CONTROL UNIT FOR OPERATING A TOWER CRANE, TROLLEY AND TROLLEY TRAVEL UNIT
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B66C 11/16 (2006.01)
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G06K 7/10 (2006.01)
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G06V 10/10 (2022.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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C07D 401/04 (2006.01)
A61K 31/444 (2006.01)
A61P 25/00 (2006.01)
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(54) HYDRAULIC SYSTEM FOR ROTARY MACHINE TOOL
(51) Int. Cl.
F15B 11/08 (2006.01)
F15B 13/04 (2006.01)
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(74) Madderns Pty Ltd
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- (71)** XYLEM WATER SOLUTIONS U.S.A., INC.
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C02F 1/52 (2023.01)
C02F 1/54 (2023.01)
C02F 3/02 (2023.01)
C02F 1/58 (2023.01)
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A61K 47/64 (2017.01)
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A61K 47/62 (2017.01)
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- A61P 9/10** (2006.01)
C07D 249/16 (2006.01)
C07K 7/50 (2006.01)
C07K 7/52 (2006.01)
C07K 16/28 (2006.01)
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(54) PYRIDO RING COMPOUND, PREPARATION METHOD THEREFOR, INTERMEDIATE, COMPOSITION, AND APPLICATION
(51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/437 (2006.01)
A61P 1/00 (2006.01)
A61P 7/00 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
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(11) AU-A-2022326569
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(54) SYSTEMS AND METHODS FOR REPRESENTATIVE SUPPORT IN A TASK DETERMINATION SYSTEM
(51) Int. Cl.
H04L 51/02 (2022.01)
G06Q 30/00 (2023.01)
G06F 40/20 (2020.01)
G06N 20/00 (2019.01)
G10L 15/22 (2006.01)
(87) WO2023/019255
(31) 63/232,480 **(32)** 12.08.21 **(33)** US
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(74) Spruson & Ferguson
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- (71)** YOHANA LLC
(11) AU-A-2022326570
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(54) REPRESENTATIVE TASK GENERATION AND CURATION
(51) Int. Cl.
G06F 40/40 (2020.01)

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 G06N 3/08 (2023.01)
 G06Q 10/06 (2023.01)
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 VAN DER LINDEN, Gwendolyn, W.;
 BEAULIEU, Malia; PATERSON, Sean
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(51) Int. Cl.
H04B 7/0413 (2017.01)
H04B 7/024 (2017.01)
H04B 7/0417 (2017.01)
H04B 7/06 (2006.01)
H04L 5/00 (2006.01)
H04W 48/20 (2009.01)
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(72) GAO, Bo; LU, Zhaohua; MEI, Meng;
 ZOU, Minqiang; YAN, Wenjun
(74) Pizzey's Patent and Trade Mark Attor-
 neys Pty Ltd

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(54) SYSTEMS AND METHODS FOR RE-
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(51) Int. Cl.
G06Q 10/08 (2023.01)
G06F 40/40 (2020.01)
(87) WO2023/023632
(31) 63/234,856 **(32)** 19.08.21 **(33)** US
(43) 23.02.2023
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 Nitin; LIU, Lingyun; DEMING, Benjamin;
 VAN DER LINDEN, Gwendolyn W.;
 BEAULIEU, Malia; PATERSON, Sean
(74) Spruson & Ferguson

(71) YOSHINO GYPSUM CO., LTD.
(11) AU-A-2022337470
(21) 2022337470 **(22)** 25.08.2022
(54) SMOOTHER AND GYPSUM BOARD
 MANUFACTURING DEVICE
(51) Int. Cl.
B28B 1/30 (2006.01)
B28B 5/02 (2006.01)
(87) WO2023/032810
(31) 2021-140653 **(32)** 31.08.21 **(33)** JP
(43) 09.03.2023
(72) HATANAKA, Takumi; TANIKAWA, Seiji
(74) Spruson & Ferguson

(71) ZAMBON S.P.A.
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(54) TREATMENT OF NON-CYSTIC
 FIBROSIS BRONCHIECTASIS
(51) Int. Cl.
A61K 38/12 (2006.01)
A61K 9/00 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
A61P 31/04 (2006.01)
(87) WO2023/012280
(31) 21189819.2 **(32)** 05.08.21 **(33)** EP
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(72) CASTELLANI, Paola
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2022310166	MEIRAGTX UK II LIMITED	2022317215	ASTRAZENECA AB
2022310227	BELVAC PRODUCTION MACHINERY, INC.	2022317322	UNIVERSAL QUANTUM LTD
2022310259	XIZANG HAISCO PHARMACEUTICAL CO., LTD.	2022317671	THE HONG KONG POLYTECHNIC UNIVERSITY
2022310274	BEA SA	2022318171	OSLER DIAGNOSTICS LIMITED
2022310308	DEPUY SYNTHES PRODUCTS, INC.	2022318248	ENTEROME S.A.
2022310344	INDEPENDENT INK, INC.	2022318364	OSLER DIAGNOSTICS LIMITED
2022310347	JANSSSEN BIOTECH, INC.; PROTAGONIST THERAPEUTICS, INC.	2022318369	4BASEBIO UK LTD; 4BASEBIO, S.L.U.
2022310351	FABLE ENTERTAINMENT, INC.	2022318412	HYROGAS SIA
2022310354	JANSSSEN BIOTECH, INC.; PROTAGONIST THERAPEUTICS, INC.	2022318572	INTERCONTINENTAL GREAT BRANDS LLC
2022310942	MITSUBISHI ESTATE CO., LTD.	2022318626	ALBEMARLE CORPORATION
2022311178	ALLSPIM	2022318664	TUNE THERAPEUTICS, INC.
2022311206	3D BIO-TISSUES LIMITED	2022318894	MACRO-BLUE INC.
2022311213	ECOFILL GROUP LIMITED	2022318949	STAND THERAPEUTICS CO., LTD.
2022311264	STABICAN B.V.	2022319062	OSAKA SEALING PRINTING CO.,LTD.
2022311329	MEIRAGTX UK II LIMITED	2022319362	TORAY INDUSTRIES, INC.
2022311472	EVONIK OPERATIONS GMBH	2022319703	SHERLOCK BIOSCIENCES, INC.
2022311496	UTOPIA MUSIC AG	2022319791	TRIBALCO LLC
2022311505	HELMHOLTZ ZENTRUM MÜNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FÜR GESUNDHEIT UND UMWELT (GMBH)	2022320004	BENEVOLENTAI CAMBRIDGE LIMITED
2022311546	ROTOTECH PTE LTD.	2022320304	TORAY INDUSTRIES, INC.
2022311555	S.K., R.; R., S.	2022320699	NURA BIO, INC.
2022311722	OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTYU "ARTEXIM" (OOO "ARTEXIM")	2022320920	UMIAMI SAS
2022311813	PROTON INTELLIGENCE INC.; RANAMUKHAARACHCHI, S.; CADARSO BUSTO, V.J.; DERVISEVIC, E.; OLENGINSKI, A.	2022320939	4BASEBIO, S.L.U.; 4BASEBIO UK LTD
2022311814	JANSSSEN BIOTECH, INC.; PROTAGONIST THERAPEUTICS, INC.	2022320941	OSLER DIAGNOSTICS LIMITED
2022311930	SPR THERAPEUTICS, INC.	2022320974	UNIVERSAL QUANTUM LTD
2022311936	ORTHOBIO THERAPEUTICS, INC.; GENTSCH, G.	2022321048	BIOCIDIUM IP HOLDCO, CO.
2022311966	CONDOR PEAK LLC	2022321126	KAO CORPORATION
2022312126	FRONIUS INTERNATIONAL GMBH	2022321271	KAO CORPORATION
2022312169	CG BIOCOMPOSITE APS	2022321971	DENSO-HOLDING GMBH & CO.
		2022322001	TRIPLEW LTD.
		2022322012	ACTIV'INSIDE
		2022322052	GAMMADELTA THERAPEUTICS LTD
		2022322176	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
		2022322527	KAO CORPORATION
		2022322634	PGP HEALTH PTY LTD
		2022322671	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY; INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY

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2022323094	INDIANA MILLS & MANUFACTURING, INC.	2022328185	COAGULO MEDICAL TECHNOLOGIES, INC.
2022323158	NATIONAL OILWELL VARCO, L.P.	2022328186	COAGULO MEDICAL TECHNOLOGIES, INC.
2022323159	CORTEVA AGRISCIENCE LLC	2022328205	PLANK STRUCTURAL SYSTEMS LLC
2022323166	HANGZHOU UNOGEN BIOTECH, LTD	2022328262	THE UNIVERSITY OF WESTERN AUSTRALIA
2022323175	VENN BIOSCIENCES CORPORATION	2022328354	ANAGRAM THERAPEUTICS, INC.
2022323269	INDIVIOR INC.	2022328389	AKI, INC.
2022323335	HUAWEI TECHNOLOGIES CO., LTD.	2022328525	STAHL INTERNATIONAL B.V.
2022323463	BASILEA PHARMACEUTICA INTERNATIONAL AG, ALLSCHWIL; UNIVERSITÄT ZÜRICH	2022328528	SOUTHSTAR TECHNOLOGIES LIMITED
2022323566	JAVELO HEALTH LIMITED	2022328557	VENN TECHNOLOGY CORPORATION
2022323665	BARIKS HEALTH LTD	2022328586	INSITRO, INC.
2022323733	PHARMACOSMOS HOLDING A/S	2022328667	CAPITAL ONE SERVICES, LLC
2022323738	OSLER DIAGNOSTICS LIMITED	2022328714	THE JOHNS HOPKINS UNIVERSITY; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY COR- PORATE
2022323747	ALORA INNOVATIONS INC.; YOUNG, L.; HORNBY, R.J.	2022328719	YOHANA LLC
2022323753	GLYCANOSTICS S.R.O.	2022328723	JAVELIN BIOTECH, INC.
2022323995	TEXAS MEDICAL CENTER; TEXAS HEART INSTI- TUTE	2022328746	FATE THERAPEUTICS, INC
2022324254	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2022328751	SAFE FOODS CORPORATION
2022324695	ZAMBON S.P.A.	2022328791	CHILDREN'S HOSPITAL MEDICAL CENTER
2022325078	W. L. GORE & ASSOCIATES, INC.	2022328855	BREVILLE PTY LIMITED
2022325183	VANDORF TCB1 INC.	2022328932	MEDSHINE DISCOVERY INC.
2022325509	IMPERIAL COLLEGE INNOVATIONS LTD	2022329335	SUZUKI Kazuyoshi
2022325511	SURE RETRACTORS LTD	2022329350	BASF SE
2022325690	EVITHE LIMITED	2022329382	INDUSTRIE DE NORA S.P.A.
2022325755	ROTO-MIX, LLC	2022329459	INTERVET INTERNATIONAL B.V.
2022325759	SITE SAVER, INC.	2022329713	ULTRA CLEAN TECHNOLOGIES CORP.
2022325797	CERTAINTED GYPSUM, INC.	2022329738	LAKSHMIPATHY, N.
2022325800	ASSETT, INC	2022329745	CORN PRODUCTS DEVELOPMENT, INC.; INGRE- DION PLANT BASED PROTEIN SPECIALTIES (CANADA), INC.
2022325819	SCORPION THERAPEUTICS, INC.	2022329816	LG ELECTRONICS INC.
2022325851	NOHMS TECHNOLOGIES, INC.	2022329881	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2022325861	BIOMEA FUSION, INC.	2022329922	ESCO GROUP LLC
2022325898	EVAPCO, INC.	2022329933	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
2022325919	CARGILL, INCORPORATED	2022330225	BIOTHEUS INC.
2022325943	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022330311	FLSMIDTH A/S
2022325946	KASEYA US LLC	2022330322	PLUMETTAZ HOLDING SA
2022325951	LUNAR OUTPOST INC.	2022330361	NOMAD BIOSCIENCE GMBH
2022325957	ANAGRAM THERAPEUTICS, INC.	2022330377	OCADO INNOVATION LIMITED
2022326209	BÜHLER GMBH	2022330389	DIOXYCLE
2022326417	TEXAS HEART INSTITUTE	2022330401	AGM MEDICAL
2022326441	CAMERON TECHNOLOGIES LIMITED	2022330409	SUN PHARMACEUTICAL INDUSTRIES LIMITED
2022326461	SOUTHERN MILLS, INC.	2022330478	KUBOTA CORPORATION
2022326485	ONCONOVA THERAPEUTICS, INC.	2022330615	DEMATIC CORP.
2022326504	COASTAL PROTECTION HOLDINGS CORPORATION	2022330711	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION
2022326544	MERCK PATENT GMBH	2022331129	NOMAD BIOSCIENCE GMBH
2022326548	GEL4MED, INC.	2022331130	NOMAD BIOSCIENCE GMBH
2022326569	YOHANA LLC	2022331143	TOUCHLIGHT IP LIMITED
2022326570	YOHANA LLC	2022331233	SHIONOGI & CO., LTD.
2022326734	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022331261	WEREWOLF THERAPEUTICS, INC.
2022326736	UNIVERSITEIT MAASTRICHT; ACADEMISCH ZIEK- ENHUIS MAASTRICHT	2022331317	MIND MEDICINE, INC.
2022326764	SANTHERA PHARMACEUTICALS (SCHWEIZ) AG	2022331329	LM WIND POWER A/S
2022326835	FESTOOL GMBH	2022331496	BIOMEA FUSION, INC.
2022326879	DOMETIC SWEDEN AB	2022331545	KLINRISK, INC.
2022327058	TEXAS HEART INSTITUTE	2022331571	ELI LILLY AND COMPANY
2022327074	ISP INVESTMENTS LLC	2022331607	SHAW, T.J.
2022327097	TMGCORE, INC	2022331633	UNIVERSITY OF TASMANIA; ORNATAS PTY LTD
2022327146	THE UNIVERSITY OF MELBOURNE; WESTERN HEALTH	2022331738	ORTHOTREAT LTD.
2022327150	AND Y KNOT INNOVATION AND SALES INC.	2022331810	INTERVET INTERNATIONAL B.V.
2022327162	GEL4MED, INC.	2022331915	SUNBASE PTY LTD
2022327179	CHEVRON U.S.A. INC.	2022331958	FRONTIER LITHIUM INC.
2022327451	HUAWEI TECHNOLOGIES CO., LTD.	2022332029	SEAKEEPER, INC.
2022327457	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2022332190	W. L. GORE & ASSOCIATES, INC.; INTEGRATED SENSING SYSTEMS, INC.
2022327644	ROSEN IP AG	2022332287	TALLAC THERAPEUTICS, INC.
2022327680	UNIVERSIDAD ROVIRA I VIRGILI (URV)	2022332306	VERSANIS BIO, INC.
2022327769	FESTOOL GMBH	2022332372	PEKING UNIVERSITY
2022327771	OCADO INNOVATION LIMITED	2022332582	UNILEVER GLOBAL IP LIMITED
2022327987	BILIX CO., LTD.	2022332618	BECTON DICKINSON FRANCE

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2022332700	UNIVERSAL BIOSENSORS PTY LTD	2022340645	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, INC.
2022332703	FORTESCUE LTD	2022340653	SKILLZ PLATFORM INC.
2022332712	IP RESERVE PTY LTD	2022340669	BORCHERS GMBH
2022332880	SELIG GRAND RAPIDS LLC	2022340711	6K INC.
2022332891	AMERICAN STERILIZER COMPANY	2022340824	AXSOME THERAPEUTICS
2022332894	PAXMEDICA, INC.	2022340954	NICOVENTURES TRADING LIMITED
2022332970	DOLBY LABORATORIES LICENSING CORPORATION; DOLBY INTERNATIONAL AB	2022341038	SHOPIFY INC.
2022332977	W. L. GORE & ASSOCIATES, INC.	2022341107	AMGEN INC.
2022332992	EXIMIS SURGICAL INC.	2022341114	GILEAD SCIENCES, INC.
2022333089	SYSTIMMUNE, INC.; BAILI-BIO (CHENGDU) PHARMACEUTICAL CO., LTD.	2022341177	GRAIL, LLC
2022333162	GIESECKE+DEVRIENT MOBILE SECURITY GERMANY GMBH	2022341236	KOPPERS DELAWARE, INC.
2022333226	LEON-NANODRUGS GMBH	2022341833	BURLING AGED CARE SOLUTIONS PTY LTD
2022333269	BADER, O.	2022341968	BAYER CROPSCIENCE LP
2022333271	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E. V.	2022341993	DEXTER AXLE COMPANY LLC
2022333287	PERMASTORE LIMITED	2022342062	CALIFORNIA LASIK & EYE, INC.
2022333323	H. LUNDBECK A/S	2022342151	BAKER HUGHES OILFIELD OPERATIONS LLC
20223333540	TECHNOLOGICAL RESOURCES PTY. LIMITED	2022342665	CASALE SA
20223333644	CQMS PTY LTD	2022342703	BD Kiestra B.V.
2022333657	TECHNOLOGICAL RESOURCES PTY. LIMITED	2022342915	MAINTTECH CO., LTD.
20223334091	FENWICK & CO LIMITED	2022343022	SYNCHROGEN ENERGY PTY LTD
2022334105	AMGEN INC.	2022343028	ELYSIS LIMITED PARTNERSHIP
2022334275	SELIG GRAND RAPIDS LLC	2022343080	VIZIO, INC.
2022334280	REPROLOGIX	2022343289	XERIS PHARMACEUTICALS, INC.
2022334302	EXIMIS SURGICAL INC.	2022343467	DOC MARTIN'S OF MAUI
2022334445	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY	2022343587	XUZHOU XCMG EXCAVATOR MACHINERY CO., LTD.
2022334739	IONIS PHARMACEUTICALS, INC.	2022343785	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR V.V.I.
2022334817	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022343809	COLLIBRA BELGIUM B.V.
2022334841	WOLFFKRAN HOLDING AG	2022344074	SHIONOGI & CO., LTD.
2022334923	PULSENMORE LTD.	2022344256	ARBOR BIOTECHNOLOGIES, INC.
2022335007	FRONTIER LITHIUM INC.	2022344466	AVIENT PROTECTIVE MATERIALS B.V.
2022335241	VMI HOLLAND B.V.	2022344857	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
2022335424	W. L. GORE & ASSOCIATES, INC.; INTEGRATED SENSING SYSTEMS, INC.	2022345015	GENESYS CLOUD SERVICES HOLDINGS II, LLC
2022335439	NOVAPHOS GYPSUM TECHNOLOGY LLC	2022345476	TAMPERE UNIVERSITY FOUNDATION SR
2022335503	UNIVERSITY OF MARYLAND, COLLEGE PARK	2022345762	LUCID SOFTWARE, INC.
2022335601	YALE UNIVERSITY	2022345976	SURROZEN OPERATING, INC.
2022335770	FISHER & PAYKEL HEALTHCARE LIMITED	2022346182	BLUENEWABLES SL
2022335934	ATOMO DIAGNOSTICS LIMITED	2022346331	NOMURA RESEARCH INSTITUTE, LTD.
2022336624	THOMSON REUTERS ENTERPRISE CENTRE GMBH	2022346683	ROQUETTE FRERES
2022337120	RAYTHEON COMPANY	2022346777	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
2022337210	V2 INNOVATIONS PTY LTD	2022347955	DOVER FUELING SOLUTIONS UK LIMITED
2022337252	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2022348603	HUDSON INSTITUTE OF MEDICAL RESEARCH; MONASH UNIVERSITY; MONASH HEALTH
2022337286	NOVAROCK BIOTHERAPEUTICS, LTD.	2022349771	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022337470	YOSHINO GYPSUM CO., LTD.	2022349855	CANCER RESEARCH TECHNOLOGY LIMITED
2022337471	IHI CORPORATION	2022350906	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022338055	EISAI R&D MANAGEMENT CO., LTD.	2022350996	EPIROC ROCK DRILLS AKTIEBOLAG
2022338209	LEK PHARMACEUTICALS D.D.	2022351075	UNABIZ
2022338350	ENA RESPIRATORY PTY LTD	2022351222	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022338850	SNAP-ON INCORPORATED	2022351223	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022338885	CAREFUSION 303, INC.	2022351260	IPSEN BIOPHARM LIMITED
2022338962	MPG MEDICAL AB	2022351414	BASE PROTECTION S.R.L.
2022339045	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022351608	CYTIVA BIOPROCESS R&D AB
2022339193	MASTERCARD INTERNATIONAL INCORPORATED	2022351700	CHEVRON U.S.A. INC.
2022339332	UNICHARM CORPORATION	2022352047	NEC CORPORATION
2022339414	FRITO-LAY NORTH AMERICA, INC.	2022352555	MICROSOFT TECHNOLOGY LICENSING, LLC
2022339610	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022353069	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022339721	TAIRX, INC.	2022353336	WINDWIRE CO., LTD.
2022339804	ELI LILLY AND COMPANY	2022353998	ALD VACUUM TECHNOLOGIES GMBH
2022339953	NOVAROCK BIOTHERAPEUTICS, LTD.	2022354148	KEMPOWER OYJ
2022340465	LIGHTBRIDGE CORPORATION	2022354426	EPIROC ROCK DRILLS AKTIEBOLAG
2022340529	LUMMUS TECHNOLOGY LLC		
2022340548	UNIVERSITY OF UTAH RESEARCH FOUNDATION		
2022340559	COLGATE-PALMOLIVE COMPANY		
2022340625	AIMMAX THERAPEUTICS, INC.		

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 2022357401 HITACHI ENERGY LTD
 2022357766 ADEKA CORPORATION
 2022357814 MIZKAN HOLDINGS CO., LTD.; MIZKAN CO., LTD.
 2022358233 THE TORO COMPANY
 2022358239 LUCID SOFTWARE, INC.
 2022358832 SHIHUIDA PHARMACEUTICAL GROUP (JILIN) CO., LTD.
 2022358952 SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
 2022359333 JAYARAM, N.
 2022359566 BONAFIDE HEALTH, LLC
 2022359665 LIFTRA IP APS
 2022360096 ESSILOR INTERNATIONAL
 2022360412 INDORAMA VENTURES OXIDES LLC
 2022360759 INNOSPEC FUEL SPECIALTIES LLC
 2022360968 GENENTECH, INC.
 2022361672 ESSILOR INTERNATIONAL
 2022362830 PLANTIC TECHNOLOGIES LTD
 2022365203 SCHOTT AG
 2022366192 BOEHRINGER INGELHEIM INTERNATIONAL GMBH
 2022369427 ICARE FINLAND OY
 2022369477 TYCO FIRE PRODUCTS LP
 2022371075 THE YOKOHAMA RUBBER CO., LTD.
 2022374866 TYCO FIRE PRODUCTS LP
 2022378020 KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA-STRUCTURE SYSTEMS & SOLUTIONS CORPORATION
 2022378179 LG ENERGY SOLUTION, LTD.
 2022378720 GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC.
 2022379597 LOCKHEED MARTIN ENERGY, LLC
 2022382179 SCHOTT AG
 2022382622 NEXTGEN BIOSCIENCE CO., LTD
 2022384846 SUMITOMO CHEMICAL COMPANY, LIMITED
 2022387035 HALLIBURTON ENERGY SERVICES, INC.
 2022398696 GLOBERIDE, INC.
 2022399249 TOPUP TRUCK COVER CO.,LTD.
 2022399945 PHILIP MORRIS PRODUCTS S.A.
 2022445840 IONQ, INC.; DUKE UNIVERSITY
 2022456752 ZTE CORPORATION
 2023225430 SAITO, T.
 2023228200 NGK INSULATORS, LTD.
 2023233328 SMITH, C.D.
 2023284998 FRONIUS INTERNATIONAL GMBH
 2023298191 SEDICII INNOVATIONS LTD.
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2022344466 2022352047	2022331633	<u>A23L 9 /-</u>	<u>A47B 61 /-</u>		
<u>A01K 75 /-</u>	<u>A23K 20 /-</u>	2022357814	2022329816	<u>A61B 90 /-</u>	
2022344466	2022285032 2022331633	<u>A23L 9 /-</u>	<u>A47J 31 /-</u>	2022310308 2022315150 2022344857	
<u>A01K 87 /-</u>	<u>A23K 40 /-</u>	2022357766	2022350906 2022358952	<u>A61C 1 /-</u>	
2022398696	2022331633	<u>A24B 13 /-</u>	<u>A47J 42 /-</u>	2022329335	
<u>A01N 25 /-</u>	<u>A23K 50 /-</u>	2022306261	2022328855	<u>A61C 3 /-</u>	
2022344466	2022331633	<u>A24B 15 /-</u>	<u>A47L 23 /-</u>	2022329335	
<u>A01N 37 /-</u>	<u>A23L 11 /-</u>	2022306261 2022322012	2022329816	<u>A61C 5 /-</u>	
2022341968	2022329745 2022357766	<u>A24D 1 /-</u>	<u>A47L 23 /-</u>	2022329335	
<u>A01N 43 /-</u>	<u>A23L 13 /-</u>	2022399945	<u>A47L 5 /-</u>	<u>A61C 8 /-</u>	
2022320699 2022323159 2022341968	2022311206 2022346683	<u>A24F 40 /-</u>	2022326835	2021458970	
<u>A01N 47 /-</u>	<u>A23L 19 /-</u>	2022309247 2022340954 2022399945	<u>A47L 9 /-</u>	<u>A61F 13 /-</u>	
2022341968	2022339414		2018234549	2022339332	
			<u>A61B 10 /-</u>		
			2022334302		

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

2022344074	2022338055	2022343289	A61P 15/-	A61P 33/-	2022344074
2022360412	2022338209				2022382622
2022366192	2022339953	A61L 2/-	2022334280	2022321126	
2022378720	2022340645			2022321271	A61Q 17/-
2022382622	2022345976	2022329816	A61P 17/-	2022322527	
	2022358832	2022332891			2022343467
A61K 33/-			2021479662	A61P 35/-	
	A61K 45/-	A61L 24/-	2022311178		A61Q 19/-
2022323733			2022326485	2021479662	
	2022316644	2022327162	2022328262	2022311505	2022326485
A61K 35/-	2022319362	2022339610		2022312430	
	2022320304		A61P 19/-	2022312992	A61Q 5/-
2022311936	2022322671	A61L 27/-		2022316644	
2022312473	2022324695		2021479662	2022317019	2022327074
2022315301	2022328746	2022311206	2022310347	2022319362	2022328389
2022316959	2022334280	2022327162	2022311178	2022320304	
2022325943	2022335601	2022328262	2022331738	2022321126	A62B 17/-
2022328746	2022341107			2022321271	
2022339610	2022344074	A61M 11/-	A61P 21/-	2022322527	2022326461
2022348603				2022322671	
2022378720	A61K 47/-	2022399945	2022351260	2022328746	A62B 18/-
				2022328932	
A61K 36/-	2021267217	A61M 15/-	A61P 25/-	2022330225	2022327146
	2022311264			2022331261	A62B 35/-
2022322012	2022318369	2022399945	2021479662	2022331496	
2022325690	2022323269		2022310259	2022332287	2022323094
2022349771	2022323733	A61M 16/-	2022311178	2022333089	
2022351222	2022326544		2022311264	2022339953	A62C 3/-
	2022328262	2022325509	2022322012	2022340645	
A61K 38/-	2022328932	2022332689	2022323269	2022341107	2022369477
	2022330409	2022335770	2022326548	2022358832	
2021267217	2022332287	A61M 25/-	2022331317	2022360968	A62D 1/-
2022310166	2022335601		2022332894		
2022310347	2022338209	2022312498	2022333323	A61P 37/-	2022369477
2022310354	2022338350	2022323566	2022338055		2022374866
2022311814	2022339610	2022338885	2022349771	2021479662	A63B 21/-
2022313883	2022343289	2022338962	2022351222	2022311178	
2022319362			2022382622	2022312473	2022329738
2022323463	A61K 48/-	A61M 39/-	A61P 27/-	2022317215	
2022324695				2022321126	A63B 22/-
2022325690	2022311936	2022325759	2022327058	2022321271	2022329738
2022325957	2022321126	2022338885	2022330409	2022322527	
2022327162	2022321271	2022338962		2022328746	A63B 26/-
2022328262	2022322527		A61P 29/-	2022331496	
2022328354		A61M 5/-		2022345976	2022329738
2022330409	A61K 49/-		2021479662		
2022331261		2022309874	2022311178	A61P 43/-	
2022334280	2022318369	2022323566	2022312473		A63F 13/-
2022340625	2022333271	2022331571	2022341114	2022316644	
2022344074	2022343785	2022331607		2022319362	2022312218
2022345976		2022332618	A61P 3/-	2022320304	2022352555
2022351260	A61K 8/-	2022338885		2022321126	
2022359566		2022338962	2022311264	2022321271	B01D 11/-
2022378720	2022313883		2022325861	2022322527	
	2022327074	A61N 1/-	2022328714	2022344074	2022311472
A61K 39/-	2022328389		2022332306	2022349771	B01D 29/-
	2022343467	2022311930	2022344074	2022351222	
2022316644		2022323995			B01D 29/-
2022317215	A61K 9/-	A61P 1/-	A61P 31/-	A61P 5/-	2018234549
2022319362					2022317070
2022320304	2021267217	2022309874	2022321048	2022326764	
2022321126	2022311264	2022323566	2022321126		B01D 39/-
2022321271	2022321048	2022331571	2022321271	A61P 7/-	
2022322527	2022323733	2022331607	2022322527		2022317070
2022326544	2022324695	2022332618	2022322527	2021479662	
2022328714	2022325690	2022338885	2022323463	2022323733	B01D 53/-
2022328746	2022327058	2022338962	2022324695		
2022330225	2022327058		2022325690	A61P 9/-	2022318412
2022331261	2022328354	2022311178	2022331233		2022318626
2022332306	2022330409	2022324695	2022338350	2022316959	2022384846
2022333089	2022331317	2022366192	2022340625	2022326417	2022328200
2022333323	2022334280		2022366192	2022335601	
2022337286	2022338209			2022340824	
	2022338350				

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

<u>B01J 19 /-</u>	<u>B22C 9 /-</u>	<u>B32B 15 /-</u>	<u>B60P 1 /-</u>	<u>B65D 1 /-</u>	<u>B65H 75 /-</u>
2022333226 2022340711	2022353998	2022321971 2022332880	2022325755 2022333269 2022333644	2022362830	2022353336 2022371075
<u>B01J 20 /-</u>	<u>B22D 18 /-</u>	<u>B32B 25 /-</u>	<u>B60P 3 /-</u>	<u>B65D 21 /-</u>	<u>B66B 19 /-</u>
2022318626 2022337471	2022353998	2022321971	2022331915 2022333269	2022312474 2022332712	2021461910
<u>B01J 23 /-</u>	<u>B22D 23 /-</u>	<u>B32B 27 /-</u>	<u>B60R 11 /-</u>	<u>B65D 25 /-</u>	<u>B66C 1 /-</u>
2022384846	2022353998	2022309277 2022362830	2022323094 2022325951	2022312474 2022332712 2022362830	2022344466
<u>B01J 27 /-</u>	<u>B22D 39 /-</u>	<u>B32B 3 /-</u>	<u>B60R 21 /-</u>	<u>B65D 41 /-</u>	<u>B66C 11 /-</u>
2022360412	2022353998	2022309277 2022332880	2022323094	2022329713	2022334841
<u>B01J 31 /-</u>	<u>B25J 9 /-</u>	<u>B32B 37 /-</u>	<u>B60S 5 /-</u>	<u>B65D 43 /-</u>	<u>B66C 13 /-</u>
2022312992	2022311966	2022309277 2022332880	2022327771	2022332712	2022334841
<u>B01J 4 /-</u>	<u>B25J 9 /-</u>	<u>B32B 37 /-</u>	<u>B60S 5 /-</u>	<u>B65D 43 /-</u>	<u>B66F 11 /-</u>
2022326835 2022327769	2022326835 2022327769	2022309277	2022327771	2022332712	2022314510
2022333226	<u>B27K 3 /-</u>	<u>B32B 5 /-</u>	<u>B60W 40 /-</u>	<u>B65D 51 /-</u>	<u>B66F 3 /-</u>
<u>B01J 8 /-</u>	2022335503	2022309277 2022313910 2022321971 2022332880	2022333540	2022332880 2022334275	2022314510
2022333226	<u>B27K 5 /-</u>	<u>B32B 5 /-</u>	<u>B60W 60 /-</u>	<u>B65D 65 /-</u>	<u>B66F 7 /-</u>
<u>B01L 3 /-</u>	2022335503	2022309277 2022313910 2022321971 2022332880	2022333540	2022312169 2022332582	2022314510
2022318171 2022318364 2022320941 2022328185 2022328186 2022332700	<u>B27M 3 /-</u>	<u>B32B 7 /-</u>	<u>B62D 23 /-</u>	<u>B65D 81 /-</u>	<u>B67D 7 /-</u>
<u>B02C 18 /-</u>	2022310942	2022309277 2022321971 2022362830	2022331915	2022319062 2022332712	2021461685 2022347955
2021460441	<u>B28B 1 /-</u>	<u>B33Y 80 /-</u>	<u>B62D 25 /-</u>	<u>B65D 85 /-</u>	<u>B81B 7 /-</u>
<u>B02C 21 /-</u>	2022337470	2022340465	2022331915	2022371075	2022365203
2021460441	<u>B28B 5 /-</u>	<u>B60B 21 /-</u>	<u>B62K 25 /-</u>	<u>B65D 88 /-</u>	<u>B82Y 10 /-</u>
<u>B02C 21 /-</u>	2022337470	2021456836	2022305522	2022333287	2022320974
2021460441	<u>B29C 44 /-</u>	<u>B60B 3 /-</u>	<u>B63B 21 /-</u>	<u>B65D 90 /-</u>	<u>C01B 15 /-</u>
<u>B05B 7 /-</u>	2022328205	2021456836	2022346182	2021461685 2022327644 2022333287	2022311472
2022340711	<u>B29C 45 /-</u>	<u>B60B 5 /-</u>	<u>B63B 35 /-</u>	<u>B65D 90 /-</u>	<u>C01B 3 /-</u>
<u>B07B 1 /-</u>	2022312169	2021456836	2022346182 2022359333	2022330615	2022318412
2022311213	<u>B29C 48 /-</u>	<u>B60D 1 /-</u>	<u>B63B 39 /-</u>	<u>B65G 1 /-</u>	<u>C01B 33 /-</u>
<u>B08B 9 /-</u>	2022362830	2022341993	2022332029	2022327771 2022330377 2022330615	2022335439
2022311546	<u>B29C 51 /-</u>	<u>B60J 7 /-</u>	<u>B63B 73 /-</u>	<u>B65G 43 /-</u>	<u>C01C 1 /-</u>
<u>B09B 3 /-</u>	2022362830	2022399249	2022332029	2022310227	2022342665
2021460441	<u>B29C 61 /-</u>	<u>B60L 53 /-</u>	<u>B63C 11 /-</u>	<u>B65G 49 /-</u>	<u>C01D 15 /-</u>
<u>B09C 1 /-</u>	2022329713	2021460192 2022325800 2022327771 2022354148	2022311546	2021458561	2022331958 2022335007
2022318626	<u>B29C 64 /-</u>	<u>B60L 58 /-</u>	<u>B64C 39 /-</u>	<u>B65G 63 /-</u>	<u>C01D 3 /-</u>
<u>B21D 43 /-</u>	2022345476	2021460192 2022325800	2022325951	2022333657	2022308773
2022310227	<u>B29C 65 /-</u>	2022354148	<u>B65B 27 /-</u>	<u>B65G 67 /-</u>	<u>C01D 5 /-</u>
<u>B22C 7 /-</u>	2022334105	2021460192 2022325800	2022327150	2022333657	2022335007
2022353998	<u>B29D 29 /-</u>	2022344466	<u>B65B 35 /-</u>		
			2022327150		

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

<u>C01F 1 /-</u>	<u>C07C 41 /-</u>	<u>C07D 295 /-</u>	<u>C07D 519 /-</u>	2022319362	<u>C08J 3 /-</u>
2022331143	2022360412	2022326485	2022341114	2022320304	2022345476
<u>C01F 11 /-</u>	<u>C07C 45 /-</u>	2022327058	<u>C07F 15 /-</u>	2022323166	<u>C08J 5 /-</u>
2022318412	2022325690	<u>C07D 333 /-</u>	2022360412	2022326544	2022362830
2022331143	<u>C07C 49 /-</u>	2022312992	<u>C07F 3 /-</u>	2022328714	
2022335439	2022325690	<u>C07D 401 /-</u>	2022343785	2022328746	<u>C08K 3 /-</u>
<u>C01F 5 /-</u>	<u>C07C 51 /-</u>	2022310259	<u>C07F 7 /-</u>	2022329459	2022322001
2022331143	2022322001	2022312430	2022343785	2022330225	<u>C08L 101 /-</u>
<u>C01G 21 /-</u>	<u>C07C 57 /-</u>	2022317019	<u>C07F 9 /-</u>	2022331810	2022326441
2022308773	2022321048	2022320004	2022343785	2022332287	<u>C08L 3 /-</u>
<u>C02F 1 /-</u>	<u>C07C 59 /-</u>	2022322671	<u>C07H 1 /-</u>	2022333089	2022362830
2022354795	2022321048	2022343785	2022331143	2022333323	<u>C08L 5 /-</u>
<u>C02F 3 /-</u>	2022322001	2022360968	<u>C07H 19 /-</u>	2022335601	2022345476
2022354795	<u>C07C 9 /-</u>	<u>C07D 403 /-</u>	2022331143	2022337286	<u>C08L 67 /-</u>
<u>C04B 20 /-</u>	2022340529	<u>C07D 405 /-</u>	<u>C07H 23 /-</u>	2022338055	2022326441
2022330311	<u>C07D 207 /-</u>	2022312430	2022331143	2022340644	<u>C08L 3 /-</u>
<u>C04B 35 /-</u>	2022314815	2022325819	<u>C07J 5 /-</u>	2022340645	2022362830
2022341236	2022327987	<u>C07D 409 /-</u>	2022326764	2022341107	<u>C08L 5 /-</u>
<u>C05G 3 /-</u>	<u>C07D 209 /-</u>	2022312992	<u>C07H 71 /-</u>	2022345976	2022345476
2022328528	2022315028	2022320004	2022331143	2022351608	<u>C08L 5 /-</u>
<u>C05G 5 /-</u>	<u>C07D 213 /-</u>	2022327058	<u>C07J 5 /-</u>	<u>C07K 19 /-</u>	<u>C08L 67 /-</u>
2022328528	2022312992	<u>C07D 413 /-</u>	2022326764	2022345976	2022326441
2022320699	2022320699	2022326417	<u>C07K 1 /-</u>	<u>C07K 5 /-</u>	<u>C09B 69 /-</u>
2022326417	2022326417	<u>C07D 417 /-</u>	2022313758	2022316976	2022310344
2022312992	<u>C07D 235 /-</u>	2022322671	2022351608	<u>C07K 7 /-</u>	<u>C09D 103 /-</u>
<u>C07C 1 /-</u>	2022315028	2022323159	<u>C07K 14 /-</u>	2022310347	2022362830
2022340529	<u>C07D 239 /-</u>	2022326417	2022311329	2022310354	<u>C09D 11 /-</u>
<u>C07C 11 /-</u>	2022322671	<u>C07D 455 /-</u>	2022311814	2022311814	2022310344
2022340529	<u>C07D 241 /-</u>	2022332894	2022313758	2022318949	2022345476
<u>C07C 211 /-</u>	2022327058	<u>C07D 471 /-</u>	2022314712	2022323463	<u>C09D 167 /-</u>
2022321048	<u>C07D 249 /-</u>	2021479662	2022315301	2022326548	2022340669
<u>C07C 215 /-</u>	2022335601	2022320004	2022318248	2022327162	<u>C09D 175 /-</u>
2022321048	2022382622	2022343785	2022318949	2022328932	2022328525
<u>C07C 231 /-</u>	<u>C07D 263 /-</u>	<u>C07D 487 /-</u>	2022321126	2022335601	<u>C09D 183 /-</u>
2022313377	2022326417	2022312430	2022321271	2022335601	2022337120
<u>C07C 233 /-</u>	<u>C07D 277 /-</u>	2022315028	2022322527	2022340625	<u>C09D 103 /-</u>
2022313377	2022326417	2022325819	2022323463	2022343785	2022340669
<u>C07C 317 /-</u>	<u>C07D 279 /-</u>	2022331233	2022325943	<u>C08B 11 /-</u>	<u>C09D 167 /-</u>
2022326485	2022326417	2022331496	2022329350	2022327074	2022328525
<u>C07D 285 /-</u>	2022312430	<u>C07D 491 /-</u>	2022331129	<u>C08B 37 /-</u>	<u>C09D 5 /-</u>
2022326417	2022339721	2022312430	2022331130	2022345476	2022337120
		2022339721	2022331261	<u>C08G 18 /-</u>	<u>C09D 5 /-</u>
		<u>C07D 513 /-</u>	2022331810	2022328525	2022337120
		2022326417	2022339953	<u>C08G 63 /-</u>	<u>C09D 7 /-</u>
			2022340644	2022326441	2022340669
			2022351260	<u>C08G 65 /-</u>	<u>C09K 8 /-</u>
			2022351608	2022360412	2022326441
			<u>C07K 16 /-</u>	<u>C08G 77 /-</u>	<u>C10G 3 /-</u>
			2022311505	2022337120	2022346777
			2022315301	<u>C08G 83 /-</u>	<u>C10G 49 /-</u>
			2022316644	2022313377	2022346777
			2022317215		<u>C10G 7 /-</u>
					2022346777

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<u>C10L 1 /-</u>	2022332372 2022334739 2022340644 2022344256	<u>C22B 7 /-</u>	2022331958 2022335007	<u>D07B 1 /-</u>	2022325078 2022344466	<u>E06C 7 /-</u>	2022311966	<u>F15B 13 /-</u>	2022343587
2022341236 2022360759						<u>E21B 10 /-</u>			
<u>C10L 10 /-</u>	<u>C12N 5 /-</u>	<u>C22B 9 /-</u>	<u>D07B 5 /-</u>	<u>D21F 7 /-</u>	<u>E21B 21 /-</u>	<u>F16K 11 /-</u>			
2022360759	2022311206 2022313138 2022315301	2022353998	2022344466	2022342915	2022323158	2022325509			
<u>C10L 7 /-</u>	2022318949 2022322052 2022325943	<u>C25B 1 /-</u>	<u>D21F 7 /-</u>	<u>E01C 13 /-</u>	2022387035	<u>F16K 31 /-</u>			
2022360759	2022328262 2022328791 2022378720	2022313077 2022329382 2022330389 2022342665		2022313910	<u>E21B 33 /-</u>	2021461685 2022325509			
<u>C11B 9 /-</u>		<u>C25B 11 /-</u>	<u>E01F 15 /-</u>	<u>E21B 34 /-</u>	2022342151	<u>F16K 35 /-</u>			
2022325690		2022313077	2022325183	2021468291 2022342151 2022387035		2022325509			
<u>C11D 1 /-</u>	<u>C12N 9 /-</u>	<u>C25B 15 /-</u>	<u>E02B 17 /-</u>	<u>E21B 37 /-</u>		<u>F16K 99 /-</u>			
2022340559	2022311936 2022313758	2022329382 2022330389	2022311546	2022326441		2022320941			
<u>C11D 17 /-</u>	2022316644 2022319362 2022319703	<u>C25B 3 /-</u>	<u>E02B 3 /-</u>	<u>E21B 41 /-</u>		<u>F16L 1 /-</u>			
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<u>C12N 1 /-</u>	2022328354 2022331143 2022332700	<u>D03D 15 /-</u>	<u>E04B 1 /-</u>	<u>F03B 11 /-</u>		<u>F24D 19 /-</u>			
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 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/00 (2006.01)
C12N 9/12 (2006.01)
 (43) 07.04.2022
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A61K 39/39 (2006.01)
C07H 1/08 (2006.01)
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A61K 8/58 (2006.01)
A61Q 1/10 (2006.01)
A61Q 1/14 (2006.01)
A61Q 5/02 (2006.01)

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A61Q 11/00 (2006.01)
A61Q 19/10 (2006.01)
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A01B 11/00 (2006.01)
A01B 13/08 (2006.01)
A01B 49/02 (2006.01)
A01B 79/00 (2006.01)
E02F 5/00 (2006.01)
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A61K 36/24 (2006.01)
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A61F 2/16 (2006.01)
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G06F 9/50 (2006.01)
G06F 9/448 (2018.01)
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G06F 12/02 (2006.01)
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C07D 235/30 (2006.01)
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F21V 19/00 (2006.01)
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F21V 21/40 (2006.01)
F21W 131/205 (2006.01)
F21Y 103/33 (2016.01)
F21Y 105/18 (2016.01)
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A61K 31/7028 (2006.01)
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A61K 47/54 (2017.01)

A61K 48/00 (2006.01)
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A61K 31/4704 (2006.01)
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A61K 31/55 (2006.01)
A61P 35/00 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/10 (2006.01)
C07D 487/04 (2006.01)
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G06T 7/32 (2017.01)
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E04H 5/12 (2006.01)
F28C 1/00 (2006.01)
F28C 1/14 (2006.01)
F28F 25/00 (2006.01)
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C01G 51/00 (2006.01)
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C10G 2/00 (2006.01)
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B60L 53/22 (2019.01)
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B60L 15/02 (2006.01)
B60R 16/023 (2006.01)
G05B 19/418 (2006.01)
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C11B 3/12 (2006.01)
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E21C 41/18 (2006.01)
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A61P 35/00 (2006.01)
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C07H 19/048 (2006.01)
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C12N 9/02 (2006.01)
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A61N 1/40 (2006.01)
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A61H 23/02 (2006.01)
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G06N 10/00 (2022.01)
G06N 3/04 (2006.01)
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A61Q 17/00 (2006.01)
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B60C 19/00 (2006.01)
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A61B 17/32 (2006.01)
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G06T 7/00 (2017.01)
A61B 1/00 (2006.01)
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G06N 3/04 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/282 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C12N 15/86 (2006.01)
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A61F 2/30 (2006.01)
A61L 2/00 (2006.01)
A61L 27/40 (2006.01)
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B65G 47/46 (2006.01)
B65G 15/42 (2006.01)
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(51) Int. Cl.
C09D 17/00 (2006.01)
B41J 2/01 (2006.01)
B41M 5/00 (2006.01)
C09B 67/20 (2006.01)
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C09D 11/326 (2014.01)
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C06B 23/00 (2006.01)
E21B 43/263 (2006.01)
E21C 41/00 (2006.01)
F42D 1/12 (2006.01)
F42D 1/24 (2006.01)
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C05G 5/27 (2020.01)
C08G 63/688 (2006.01)
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C08J 3/03 (2006.01)
C08L 67/00 (2006.01)
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F16L 37/48 (2006.01)
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A61L 2/18 (2006.01)
C02F 1/72 (2006.01)
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A61K 31/17 (2006.01)
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C07K 14/705 (2006.01)
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C12Q 1/6897 (2018.01)

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G01R 31/66 (2020.01)
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A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
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A01G 9/24 (2006.01)
G05B 19/418 (2006.01)
 A01G 9/14 (2006.01)
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A61K 38/40 (2006.01)
A61P 9/10 (2006.01)
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C07D 513/04 (2006.01)
A61K 31/433 (2006.01)
A61K 31/438 (2006.01)
A61K 31/454 (2006.01)
A61P 3/00 (2006.01)
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A61K 31/497 (2006.01)
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A61P 25/00 (2006.01)
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F25D 11/02 (2006.01)
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B02C 2/04 (2006.01)
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A41C 3/00 (2006.01)
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A41C 5/00 (2006.01)
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G16H 10/60 (2018.01)
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B67D 1/12 (2006.01)
G01F 1/56 (2006.01)
G01F 23/26 (2006.01)
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B65D 39/00 (2006.01)
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B65D 55/00 (2006.01)
F16J 15/00 (2006.01)
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E04B 1/41 (2006.01)
E04G 15/06 (2006.01)
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G06T 7/00 (2017.01)
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G06T 17/20 (2006.01)
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A61L 29/08 (2006.01)
A61M 27/00 (2006.01)
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A61F 5/44 (2006.01)
A61F 5/442 (2006.01)
A61F 5/445 (2006.01)
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A61M 25/00 (2006.01)
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 (51) Int. Cl.

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F16B 19/05 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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H04W 4/06 (2009.01)
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H04W 72/04 (2009.01)
H04W 76/15 (2018.01)
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A61K 38/43 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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A61K 9/20 (2006.01)
A61K 9/16 (2006.01)
A61K 9/48 (2006.01)
A61K 31/445 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
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G07F 17/32 (2006.01)
G02B 27/01 (2006.01)
G06T 19/00 (2011.01)
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B25C 1/04 (2006.01)
B25C 1/08 (2006.01)
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(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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(62) 2020201896
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) Hip Joint Device
(51) Int. Cl.
A61F 2/32 (2006.01)
A61F 2/34 (2006.01)
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A61N 1/05 (2006.01)
A61N 1/04 (2006.01)
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(74) Spruson & Ferguson

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(54) SHEEP PDGFD, NUCLEIC ACIDS ENCODING PDGFD AND RECOMBINANT LENTIVIRUS, HOST CELL AND USE THEREOF

(51) Int. Cl.

C07K 14/49 (2006.01)

A01K 67/027 (2006.01)

C12N 15/18 (2006.01)

C12N 15/867 (2006.01)

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(74) O'Sullivan Patent and Trade Mark Attorneys Pty Ltd

(71) Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement

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(51) Int. Cl.

A01M 7/00 (2006.01)

B05B 7/00 (2006.01)

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(74) Phillips Ormonde Fitzpatrick

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(21) 2022202390 (22) 11.04.2022

(54) Shoulder arthroplasty implant system

(51) Int. Cl.

A61B 17/56 (2006.01)

A61B 17/72 (2006.01)

A61F 2/28 (2006.01)

A61F 2/30 (2006.01)

A61F 2/40 (2006.01)

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(44) 29.02.2024

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(74) Davies Collison Cave Pty Ltd

(71) Intermetro Industries Corporation

(11) AU-B-2023203621

(21) 2023203621 (22) 09.06.2023

(54) Shelving and storage system having adjustable heated shelves

(51) Int. Cl.

A47J 36/24 (2006.01)

A47J 39/02 (2006.01)

A47J 47/14 (2006.01)

B65D 25/02 (2006.01)

B65D 81/38 (2006.01)

F24C 7/06 (2006.01)

(43) 06.07.2023

(44) 29.02.2024

(62) 2021244221

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(74) Davies Collison Cave Pty Ltd

(71) Intermetro Industries Corporation

(11) AU-B-2023203622

(21) 2023203622 (22) 09.06.2023

(54) Shelving and storage system having adjustable heated shelves

(51) Int. Cl.

A47J 36/24 (2006.01)

A47J 39/02 (2006.01)

A47J 47/14 (2006.01)

B65D 25/02 (2006.01)

B65D 81/38 (2006.01)

F24C 7/06 (2006.01)

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G06F 21/57 (2013.01)

G06F 9/00 (2006.01)

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G06N 10/00 (2019.01)

H01L 21/00 (2006.01)

H01L 23/00 (2006.01)

H01L 25/00 (2006.01)

H01L 27/00 (2006.01)

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H04W 28/08 (2009.01)

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C07C 259/06 (2006.01)

A61K 31/165 (2006.01)

A61K 31/44 (2006.01)

A61K 31/5375 (2006.01)

A61P 31/04 (2006.01)

C07D 213/36 (2006.01)

C07D 277/28 (2006.01)

C07D 295/155 (2006.01)

C07D 307/52 (2006.01)

C07D 333/20 (2006.01)

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 G06F 40/20 (2020.01)
 G06N 5/02 (2006.01)
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 G06N 3/04 (2006.01)
 G06N 5/02 (2006.01)
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 C08F 220/30 (2006.01)
 C08F 220/56 (2006.01)
 C08L 33/10 (2006.01)
 C08L 33/26 (2006.01)
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 B65G 19/20 (2006.01)
 B65G 19/24 (2006.01)
 B65G 19/26 (2006.01)

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 A63B 55/10 (2006.01)
 A63B 55/50 (2015.01)
 A63B 55/53 (2015.01)
 A63B 55/57 (2015.01)

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A63B 55/10 (2006.01)
A63B 55/50 (2015.01)
A63B 55/53 (2015.01)
A63B 55/57 (2015.01)

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E01B 35/00 (2006.01)
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F16F 15/315 (2006.01)
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H02K 7/04 (2006.01)

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B66D 1/54 (2006.01)
B66C 23/88 (2006.01)
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E02F 3/85 (2006.01)
E02F 9/20 (2006.01)

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E21D 11/40 (2006.01)
E21D 9/06 (2006.01)
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C01G 53/00 (2006.01)
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F41H 7/04 (2006.01)
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H04N 19/573 (2014.01)
H04N 19/109 (2014.01)
H04N 19/132 (2014.01)
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H04N 19/61 (2014.01)
H04N 19/12 (2014.01)
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H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
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H02J 7/00 (2006.01)
A47L 9/28 (2006.01)
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D06F 39/04 (2006.01)
D06F 37/42 (2006.01)
H05B 6/06 (2006.01)
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A47L 11/20 (2006.01)
A47L 9/06 (2006.01)
A47L 11/202 (2006.01)
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F16L 59/065 (2006.01)
F16L 59/02 (2006.01)
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F24F 13/14 (2006.01)
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B64C 39/02 (2006.01)

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C07D 417/12 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
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C07D 207/14 (2006.01)
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 A61F 13/537 (2006.01)
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 B32B 7/022 (2019.01)
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 A61P 25/18 (2006.01)
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A24D 3/06 (2006.01)
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A24F 47/00 (2020.01)

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B62B 3/12 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/46 (2006.01)
A61K 31/496 (2006.01)
A61K 31/497 (2006.01)
A61K 31/551 (2006.01)
A61P 3/10 (2006.01)
A61P 13/02 (2006.01)
A61P 13/10 (2006.01)
A61P 27/06 (2006.01)
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C07D 519/00 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
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C07D 209/14 (2006.01)
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A23L 2/44 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/12 (2006.01)

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A24B 15/12 (2006.01)
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A24B 15/16 (2020.01)
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A24F 47/00 (2020.01)
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A47L 7/00 (2006.01)
A47L 9/00 (2006.01)
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H04M 3/22 (2006.01)
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G01N 1/22 (2006.01)
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C08G 59/50 (2006.01)
C08L 63/00 (2006.01)
C09D 163/00 (2006.01)
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G06T 7/292 (2017.01)
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A61K 31/69 (2006.01)
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H04W 8/08 (2009.01)
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B32B 27/28 (2006.01)
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C12N 1/21 (2006.01)
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F04D 7/04 (2006.01)
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(71) Wonderland Switzerland AG
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(54) Swing apparatus with magnetic drive and control
(51) Int. Cl.
A47D 9/02 (2006.01)
A47D 13/10 (2006.01)
A47D 15/00 (2006.01)
A63G 9/04 (2006.01)

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H02K 5/00 (2006.01)
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(72) MOUNTZ, Jonathan K.; SNYDER, Ethan M.
(74) Spruson & Ferguson

(71) Wonderland Switzerland AG
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(21) 2022215169 **(22)** 09.08.2022
(54) Baby stroller with a folding mechanism triggered by a child carrier
(51) Int. Cl.
B62B 7/06 (2006.01)
B62B 7/08 (2006.01)
B62B 7/14 (2006.01)
B62B 9/10 (2006.01)
(43) 01.09.2022
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(72) ZHONG, Zhi-Ren
(74) Griffith Hack

(71) WONDERLAND SWITZERLAND AG
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(54) Assembling and disassembling manipulating mechanism and sleeping basket having the same.
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A47D 7/01 (2006.01)
A47C 19/12 (2006.01)
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A47D 13/02 (2006.01)
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B63B 27/24 (2006.01)
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G01L 19/00 (2006.01)

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(74) Brian Worth

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(54) Subsurface lithological model with machine learning
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G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
G01V 1/34 (2006.01)
G01V 99/00 (2009.01)
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(74) Spruson & Ferguson

Xuzhou Liren Monorail Transportation Equipment Co., Ltd. see China University of Mining and Technology
(21) 2022283730

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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
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(21) 2022205253 **(22)** 15.07.2022
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B65D 33/01 (2006.01)
A45C 3/08 (2006.01)
A45C 7/00 (2006.01)

A45C 13/02 (2006.01)
B65D 33/02 (2006.01)
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(72) Seiders, Roy Joseph; Bullock, Dustin; Dow, John W.
(74) GLMR

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(21) 2019454975 **(22)** 25.06.2019
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C03C 15/00 (2006.01)
B24C 1/06 (2006.01)
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(72) YORGANCILAR, Hakan
(74) A.P.T. Patent and Trade Mark Attorneys

(71) Yujoo Co., Ltd.
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(21) 2021235261 **(22)** 04.03.2021
(54) Construction method for underwater concrete block structure
(51) Int. Cl.
E02B 3/06 (2006.01)
E02D 25/00 (2006.01)
E02D 27/52 (2006.01)
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(72) KIM, Sang Gi
(74) LAMINAR IP PTY LTD

(71) ZENDIT PTY LTD
(11) AU-B-2023251536
(21) 2023251536 **(22)** 18.10.2023
(54) AN IMPROVED METHOD OF INSTALLING LARGE STRUCTURES SUCH AS WIND TURBINES
(51) Int. Cl.
F03D 13/10 (2016.01)
F03D 13/20 (2016.01)
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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(21) 2020468487 **(22)** 21.09.2020
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(51) Int. Cl.
A61K 31/28 (2006.01)
A61K 31/407 (2006.01)

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C07D 471/14 (2006.01)
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(72) ZHONG, Wei
(74) Davies Collison Cave Pty Ltd
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- (71)** Zhuhai Yufan Biotechnologies Co., Ltd
(11) AU-B-2020320992
(21) 2020320992 **(22)** 24.07.2020
(54) IRAK4 kinase inhibitor and preparation method therefor
(51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/437 (2006.01)
A61P 11/06 (2006.01)
C07D 487/14 (2006.01)
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(43) 04.02.2021
(44) 29.02.2024
(72) LIN, Xingyu; LU, Tingting
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ZTE Corporation
(11) AU-B-2021310145
(21) 2021310145 **(22)** 05.07.2021
(54) Power control method and apparatus, and communication node, and storage medium
(51) Int. Cl.
H04W 52/24 (2009.01)
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(43) 20.01.2022
(44) 29.02.2024
(72) YE, Xinquan; CHEN, Yijian; LU, Zhao-hua; YU, Guanghui
(74) WRAYS PTY LTD

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2017204513	Novelli, A.	2018279253	UPL Ltd
2017213050	Amgen Research (Munich) GmbH; Amgen Inc.	2018279270	EMS Group S.P.A.
2017250809	The Board of Trustees of the Leland Stanford Junior University	2018279290	Oloker Therapeutics S.r.l.
2017261306	The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.	2018280853	Liebherr-Werk Biberach GmbH
2017261466	Hardinge Street Nominees Pty Ltd	2018285236	Smith & Nephew plc
2017264683	IGM Biosciences, Inc.	2018290302	Amgen Inc.
2017276303	Aqua Tech International Pty Ltd	2018290346	Smith & Nephew, Inc.
2017303406	Precision Cancer Technologies Inc.	2018291973	Bourgeois, B.
2017322656	Yeda Research and Development Co. Ltd.	2018296717	Veolia Water Solutions & Technologies Support
2017334043	Bulcall Limited	2018300075	Gel Cap Technologies, LLC
2017353323	Novo Nordisk A/S	2018301511	Orison Inc.
2017353868	Evans, D.; Noyce, R.; Lederman, S.	2018302004	Becton, Dickinson and Company
2017356350	EnGene, Inc.	2018302170	Ignyta, Inc.
2017358685	Lewmar Limited	2018303679	Becton Dickinson France
2017377976	Syngenta Participations AG	2018306481	Tethis S.P.A.
2017381400	Axiiio Pty Ltd	2018309390	Saint-Gobain Isover
2017388339	Two Cells Co., Ltd.; Hiroshima University	2018309426	Base Protection Srl
2017393085	The Walter and Eliza Hall Institute of Medical Research	2018309737	P2 Science, Inc.
2017410901	Kimberly-Clark Worldwide, Inc.	2018310830	University of Southampton
2018200760	Sandpit Situation Pty Ltd	2018312613	De' Longhi Appliances S.r.l.
2018202211	Aurora Flight Sciences Corporation	2018317929	Borody, T.
2018204116	Worth, B.	2018318977	Innocon Medical Aps
2018204122	Mako Surgical Corp.	2018319349	Novozymes A/S
2018205065	SIMONELLI GROUP S.P.A.	2018321482	Ntherma Corporation
2018205544	Syncore Biotechnology Co., Ltd.	2018322600	Eberlein, M.
2018207151	Astute Medical, Inc.	2018324521	Baltimore Aircoil Company, Inc.
2018209969	The Regents of The University of California	2018326047	Goldschmidt, R.
2018210397	Exelixis, Inc.	2018326380	Bayer HealthCare LLC
2018210897	GreenPhyto Pte. Ltd.	2018326833	HER Technologies, Inc.
2018214011	IGT	2018328052	Pharmacosmos Holding A/s
2018214435	Fluidra Group Australia Pty Ltd	2018329730	Technical Rubber Company, Inc.
2018215669	Vallon Pharmaceuticals, Inc.	2018330339	Hollister Incorporated
2018216509	Curigin Co.,Ltd.	2018337718	Bausch & Lomb Incorporated
2018217823	AgSoilworks Technology Company, Llc	2018344496	Hilti Aktiengesellschaft
2018219004	Illinois Tool Works Inc.	2018347893	Auris Health, Inc.
2018220820	Clearflow, Inc.	2018348782	Wise Earth Pty Ltd
2018226513	MBF S.p.A.	2018350171	PGS Geophysical AS
2018231178	Joy Global Underground Mining LLC	2018350796	Lockheed Martin Energy, LLC
2018231218	Southwire Company, LLC	2018351640	aXichem AB
2018232894	Woodside Energy Technologies Pty Ltd	2018352088	Palintest Limited
2018232900	Depuy Ireland Unlimited Company	2018353967	Nautilus Subsidiary, Inc.
2018236168	BeyondSpring Pharmaceuticals, Inc.	2018354152	3M Innovative Properties Company
2018241054	Dallan S.p.A.	2018354262	CareFusion 303, Inc.
2018250022	Becton, Dickinson and Company	2018355903	Eteros Technologies Inc.
2018251092	Societe des Produits Nestle S.A.	2018356481	Fresenius Kabi Deutschland GmbH
2018253267	Adjuvance Technologies, Inc.	2018356497	Dompe' Farmaceutici S.p.A.; Research Institute at Nationwide Children's Hospital
2018254615	Evapco, Inc.	2018356859	Compagnie Generale des Etablissements Michelin
2018256564	The Boeing Company	2018357056	BAE Systems plc
2018258045	Eureka Therapeutics, Inc.	2018357347	AMO Pharma Ltd.
2018260664	Cargill, Incorporated	2018358237	THE CANE JUICE COMPANY LLC
2018262427	UCL Business LTD	2018358749	Amgen Inc.
2018263285	HeadsafeIP Pty Ltd	2018359314	Ecotone AS
2018263965	Intezyne Technologies, Inc.; Vojkovsky, T.; Sill, K.; Carie, A.	2018360990	Lang Fang Jing Long Grand Industrial Machinery Co., Ltd.
2018265427	Cutting Edge Spine LLC	2018363226	Turun Yliopisto
2018267548	Earth Technics Pty Ltd	2018366055	PepsiCo, Inc.
2018267651	The Boeing Company	2018367332	HBI Branded Apparel Enterprises, LLC
2018269550	Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.	2018371165	AKL Research & Development Ltd
2018270906	GenEros Biopharma Ltd.	2018375072	Fasteners for Retail, Inc.
2018272880	Pharmiva AB	2018376892	Shoulder Friends Institute
2018273191	Stange, K.	2018379704	IP2IPO Innovations Limited
2018274998	Caterpillar Inc.	2018380286	Electrolux Home Products, Inc.
2018276345	F. Hoffmann-La Roche AG	2018381882	Ratstands Limited
2018278893	Stryker European Operations Limited	2018385454	H. Lundbeck A/S
		2018387322	Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement
		2018388672	Helen of Troy Limited

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2018388901	Electrolux Home Products, Inc.	2019454975	Yorglass Cam Sanayi Ve Ticaret Anonim Şirketi
2018390790	Societe des Produits Nestle S.A.	2019468928	The Procter & Gamble Company
2018408335	Societe des Produits Nestle S.A.	2019470580	Shinhwa Construction Co., Ltd.
2018410435	Beijing Tusen Zhitu Technology Co., Ltd.	2019473410	Howmet Aerospace Inc.
2018412057	Marrone S.r.l.	2020201097	STRYKER AUSTRALIA PTY LTD
2018412968	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020201786	NINGBO FUJIA INDUSTRIAL CO., LTD.
2018418723	Dow Global Technologies LLC; Rohm and Haas Company	2020202531	Ausdrill Ltd
2018424179	General Mills, Inc.	2020213357	Whitehead Institute for Biomedical Research
2018432853	CPP Incorporated	2020213460	Suzhou Astrabio Technology Co., Ltd.
2019200749	Robert Bosch GmbH	2020232957	Fermata, LLC
2019201504	CAN-AM TOOL CORP.	2020233745	President and Fellows of Harvard College
2019202528	SIMONELLI GROUP S.P.A.	2020244570	Amgen Inc.
2019202538	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC	2020249884	Chevron U.S.A. Inc.
2019203302	Vale S.A.; Universidade Federal de Ouro Preto - UFOP	2020252971	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD
2019204510	The Boeing Company	2020255735	Shenzhen in Vivo Biomedicine Technology Limited Company
2019206421	Magenta Medical Ltd	2020256322	Icahn School of Medicine at Mount Sinai; Genzyme Corporation
2019209329	Children's National Medical Center	2020256953	FJ Dynamics Technology Co., Ltd
2019211897	VeChain Global Technology Sàrl	2020263307	Behavioral Diagnostics, LLC
2019211943	US Enovacor ApS	2020268166	Hollister Incorporated
2019212849	F. Hoffmann-La Roche AG	2020277138	Morinaga Milk Industry Co., Ltd.
2019215795	Iron Grip Holdings Pty Limited	2020288198	KineticCore Solutions LLC
2019217487	Aquis Wasser-Luft-Systeme GmbH, Lindau, Zweigniederlassung Rebstein	2020298366	Komatsu Ltd.
2019219969	Mitsubishi Chemical Infracore Co., Ltd.	2020300352	Dipity Pty Ltd
2019220575	Ecolab USA Inc.	2020304661	Solidification Products International, Inc.
2019222519	ArcByt, Inc.	2020316498	SinoCellTech Ltd.
2019222617	Forker, S.	2020319168	Novartis AG
2019222696	Ecolab USA Inc.	2020319662	F. HOFFMANN-LA ROCHE AG
2019223954	Dyno Nobel Inc.	2020320037	Nicoventures Trading Limited
2019226709	CMR Surgical Limited	2020320992	Zhuhai Yufan Biotechnologies Co., Ltd
2019229702	Diagnostica Stago	2020321759	i-SENS, Inc.
2019232445	Medela Holding AG	2020323826	LG Electronics Inc.
2019233690	Essilor International	2020324360	Central Garden & Pet Company
2019234570	Owens-Brockway Glass Container Inc.	2020327435	BYD Company Limited
2019239617	BP p.l.c.	2020329207	Gilead Sciences, Inc.
2019240047	CareFusion 303, Inc.	2020336147	PRC-DeSoto International, Inc.
2019241403	Danish Wood Technology A/S	2020338819	RUD Ketten Rieger & Dietz GmbH u. Co. KG
2019249806	FlexEnergy	2020341071	Suntory Holdings Limited
2019251320	Societe des Produits Nestle S.A.	2020341422	Telefonaktiebolaget LM Ericsson (publ)
2019251699	Bayer Pharma Aktiengesellschaft	2020347025	LG Electronics Inc.
2019255599	Bristol-Myers Squibb Holdings Ireland Unlimited Company; Pfizer Inc.	2020350517	Eastman Chemical Company
2019256351	Qpex Biopharma, Inc.	2020356063	CJ Cheiljedang Corporation
2019258174	Daifuku Co., Ltd.	2020359361	Victaulic Company
2019258324	DSM IP Assets B.V.	2020359638	MonoSol, LLC
2019262823	Microsoft Technology Licensing, LLC	2020361324	Parenchyma Biotech Inc.
2019264274	Merck Patent GmbH	2020362251	Quanturi Oy
2019265134	Nippon Shinyaku Co., Ltd.	2020366653	Krauss-Maffei Wegmann GmbH & Co. KG
2019266768	Nippon Shinyaku Co., Ltd.	2020368542	Arvinas Operations, Inc.
2019268093	GN Hearing A/S	2020369009	Wirth Research Limited; Light Energy Australia Pty Ltd
2019279441	Autophagosciences Inc.	2020370610	Sontiq, Inc.
2019281366	Raytheon Company	2020371706	CNH Industrial America LLC
2019283359	Heineken Supply Chain B.V.	2020375183	CMR Surgical Limited
2019286546	Cosmo Artificial Intelligence - Ai Limited	2020375518	LG Electronics Inc.
2019290655	Pryon Incorporated	2020376694	Winning One Co., Ltd.
2019291941	Wm. Wrigley Jr. Company	2020378964	Tableau Software, Inc.
2019294261	Spero Therapeutics, Inc.	2020381878	Bambino Prezioso Switzerland AG
2019295486	Itron, Inc	2020382277	Kim, M.
2019296380	Intervet International B.V.	2020384235	Mack Rides GmbH & Co. KG
2019297445	EicOsis, LLC	2020385595	Vectura Delivery Devices Limited
2019299453	Disney Enterprises, Inc.	2020393729	LG Electronics Inc.
2019301650	Nextivity, Inc.	2020397245	Gannex Pharma Co., Ltd.
2019308810	Bertagni 1882 S.p.A.	2020397850	Andreev, A.
2019318425	Dragonfly Therapeutics, Inc.	2020399047	Shanghai Zhimeng Biopharma, Inc.
2019337791	Südzucker AG	2020403909	Radiometer Medical ApS
2019348989	Johnson & Johnson Vision Care, Inc.	2020405262	Colgate-Palmolive Company
2019384818	Saravis, D.	2020405301	Eli Lilly and Company
2019396840	Ekona Power Inc.	2020405996	Philip Morris Products S.A.
2019448393	Nanjing Iron & Steel Co., Ltd.	2020406798	LG Electronics Inc.
		2020407461	Telefonaktiebolaget LM Ericsson (publ)
		2020408132	AdvanSix Resins & Chemicals LLC
		2020414026	Kawasaki Railcar Manufacturing Co., Ltd.

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2020414681	Graphic Packaging International, LLC	2021290343	Aristocrat Technologies Australia Pty Limited
2020421260	DSG Japan Corporation	2021292460	Nextracker LLC
2020429359	Classys Inc.	2021302172	CRRC Ziyang Co., Ltd.
2020430412	Taroko Door & Window Technologies, Inc.	2021307245	Taiho Pharmaceutical Co., Ltd.
2020436767	Hinge Health, Inc.	2021310145	ZTE Corporation
2020439391	Shanghai ZJ Bio-Tech Co., Ltd.	2021313870	Defibrio AS
2020445516	Termosalud, S.L.	2021314954	Siemens Energy Global GmbH & Co. KG
2020458871	Weber-Stephen Products LLC	2021319152	Nicoventures Trading Limited
2020468487	Zhong, W.	2021321360	Norsepower Oy Ltd
2020468806	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2021321705	Taiho Pharmaceutical Co., Ltd.
2020474614	HINGE HEALTH, INC.	2021324839	Spruce Biosciences, Inc.
2020476881	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2021329227	SIEMENS INDUSTRY, INC.
2021201445	Grifols Worldwide Operations Limited	2021329805	Merck Sharp & Dohme LLC
2021212081	New York Stem Cell Foundation, Inc.	2021331702	Verte Technologies, LLC
2021213787	Fresenius Medical Care Holdings, Inc.	2021335276	Doosan Lentjes GmbH
2021214378	American Sterilizer Company	2021336214	ColdQuanta, Inc.
2021221897	Musculoskeletal Transplant Foundation	2021337043	Dainichiseika Color & Chemicals Mfg. Co., Ltd.
2021222858	Cj Cheiljedang Corporation	2021337086	Beijing Biostar Pharmaceuticals Co., Ltd.; Chengdu Biostar Pharmaceuticals, Ltd.
2021224740	Baker Hughes Oilfield Operations LLC	2021345531	PFIZER INC.
2021225148	TRACTO-TECHNIK GmbH & Co. KG	2021346875	Fronius International GmbH
2021225909	Shenzhen Shenxin Biotechnology Co., Ltd.	2021353998	AlzProtect
2021234130	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung E.V.	2021378438	GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.
2021235261	Yujoo Co., Ltd.	2021393000	ENPV GmbH
2021235329	C.M.C. S.p.A.	2021410701	LIVEPERSON, INC.
2021235832	Dong-A ST Co., Ltd.	2021421161	Argorna Pharmaceuticals., Ltd.
2021236274	Welltec A/S	2021453348	CCTEG Coal Mining Research Institute
2021236459	NeuroVasc Technologies Inc.	2022200018	Hollister Incorporated
2021240266	Seth, R.	2022200068	Rafalko, N.
2021240281	Joy Global Longview Operations LLC	2022200161	WONDERLAND SWITZERLAND AG
2021242358	Wonderland Switzerland AG	2022200182	LG Electronics Inc.
2021244158	Baker Hughes Oilfield Operations LLC	2022200255	Cepheid
2021244556	Equinix, Inc.	2022200275	Schneider Electric USA, Inc.
2021244987	International Business Machines Corporation	2022200316	Hayward Industries, Inc.
2021245226	IPSEN BIOPHARM LIMITED	2022200375	Spredfast, Inc.; Falcao, E.; Hoerner, B.; Swain, M.; McElwee, A.
2021245659	Nitto Denko Corporation	2022200530	Biomatrix, Inc.
2021245924	Gilead Sciences, Inc.	2022200635	Wisk Aero LLC
2021249420	International Business Machines Corporation	2022200744	Schumacher Electric Corp.
2021250893	FISHER & PAYKEL HEALTHCARE LIMITED	2022200752	Implantica Patent Ltd
2021250940	Gen-Probe Incorporated	2022200773	SP Press IP Pty Ltd
2021250966	Becton, Dickinson and Company	2022200777	Echo 360, Inc.
2021251539	Sumitomo Metal Mining Co., Ltd.	2022200858	Nemaska Lithium Inc.
2021254517	Handan Shiwei New Materials Co. Ltd.	2022200927	Lighthouse Pharmaceuticals, Inc.
2021254620	AKER Biomarine Antarctic AS	2022200959	Canon Kabushiki Kaisha
2021254725	X Development LLC	2022201117	Health Language Analytics Pty Ltd
2021255670	Efaflex Inženiring d.o.o. Ljubljana	2022201198	Qualcomm Incorporated
2021256018	Haier Smart Home Co., Ltd.; Qingdao Haier Refrigerator Co., Ltd; Haier US Appliance Solutions, Inc.	2022201319	Takeda Pharmaceutical Company Limited
2021257666	Medacta International SA	2022201378	Pro-Iroda Industries, Inc.
2021258979	Celltrion Inc.	2022201392	DOSE Medical Corporation
2021259515	International Business Machines Corporation	2022201399	LG ELECTRONICS INC.
2021259784	Techtronic Floor Care Technology Limited	2022201413	F. Hoffmann-La Roche AG
2021260959	Techtronic Floor Care Technology Limited	2022201497	Nicoventures Trading Limited
2021264709	Kobelco Construction Machinery Co., Ltd.	2022201715	Milliken & Company
2021265322	Novartis AG	2022201724	RQX PHARMACEUTICALS, INC.; GENENTECH, INC.
2021265994	Great Novel Therapeutics Biotech & Medicals Corporation	2022201775	2seventy bio, Inc.
2021269309	TODD, P.	2022201831	PINDROP SECURITY, INC.
2021271467	Komatsu Ltd.	2022201941	Snap-on Incorporated
2021273241	Proprio, Inc.	2022201945	Pinnsar Pty Ltd
2021277625	Alnylam Pharmaceuticals, Inc.	2022202163	BIOHAVEN PHARMACEUTICAL HOLDING COMPANY LTD.
2021277749	FiberLean Technologies Limited	2022202390	Integrated Shoulder Collaboration, Inc.
2021278130	Huawei Technologies Co., Ltd.	2022202659	Exactech, Inc.
2021278260	FLSmidth A/S	2022202913	Entellus Medical, Inc.
2021279210	Weir Slurry Group, Inc.	2022202916	Wang, X.
2021280623	Sciwind Biosciences Co., Ltd.	2022202920	EquipmentShare.com Inc.
2021281967	Huawei Technologies Co., Ltd.	2022203260	Alcon Inc.
2021282339	Minnetronix Neuro, Inc.	2022203271	Karsten Manufacturing Corporation
2021286253	Wolff, J.	2022203715	Intuit Inc.
2021286284	Melinta Subsidiary Corp.	2022203768	LG ELECTRONICS INC.
2021290301	Regeneron Pharmaceuticals, Inc.	2022203965	Air Products and Chemicals, Inc.
		2022204116	CHINA ELECTRIC POWER RESEARCH INSTITUTE

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2022204132	Skate Innovation Pty Ltd	2023203810	Tau Motors, Inc.
2022204154	SCHLUMBERGER TECHNOLOGY B.V.	2023207248	PHILIPS DOMESTIC APPLIANCES HOLDING B.V.
2022204702	Intuit Inc.	2023214313	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2022205148	SPECIALTY OPERATIONS FRANCE	2023214314	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2022205253	YETI Coolers, LLC	2023222871	Oasis Engineering (2003) Ltd
2022206756	AMO Development, LLC	2023222910	KOREA ZINC CO., LTD.; KEMCO
2022209288	Beijing Microlive Vision Technology Co., Ltd	2023251536	ZENDIT PTY LTD
2022209318	Karsten Manufacturing Corporation	2023254901	Australian Health Industry Co. Pty Ltd
2022211818	Ningbo Wentai Sport Equipment Co., Ltd.	2023263453	GUANGZHOU MEDICAL UNIVERSITY
2022212809	NETFLIX, INC.	2023282280	Matterport, Inc.
2022215169	Wonderland Switzerland AG	2023285711	Dolby Laboratories Licensing Corporation
2022215179	LG Electronics Inc.	2023285716	Chromadex Inc.; The Queen's University Of Belfast
2022218165	MYTHIC THERAPEUTICS, INC.	2023305025	RHINO RACK AUSTRALIA PTY LIMITED
2022218487	Mallinckrodt Pharmaceuticals Ireland Limited	2024200340	Stubberfield, D.
2022218616	University of Maryland, Baltimore; The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024)	2024200648	Google LLC
2022218687	ALTERYX, INC.		
2022221467	Fiber Sense Limited		
2022226929	PAYPAL, INC.		
2022228125	Takeda Pharmaceutical Company Limited		
2022231686	Apple Inc.		
2022231757	State Grid Shanghai Municipal Electric Power Company; Shanghai University of Electric Power		
2022233950	Gilead Sciences, Inc.		
2022238470	AETHER MASK, LLC		
2022253916	Cisco Technology, Inc.		
2022256156	Conmed Corporation		
2022256171	Nanjing Institute of Agricultural Mechanization, Ministry of Agriculture and Rural Affairs		
2022256951	MADAD PTY LTD		
2022263608	University of Maryland, Baltimore		
2022268324	Immatics Biotechnologies GmbH		
2022268380	Baker Hughes Holdings LLC		
2022271416	Lineage Logistics, LLC		
2022271465	VERTIV TECH CO., LTD.		
2022271467	Attenti Electronic Monitoring Ltd.		
2022275522	Nicoventures Trading Limited		
2022279390	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.		
2022279429	Google LLC		
2022279862	CELLENGENE INC		
2022283730	China University of Mining and Technology; Xuzhou Liren Monorail Transportation Equipment Co., Ltd.		
2022283770	Med-Life Discoveries LP		
2022287616	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES		
2022291653	Wing Aviation LLC		
2022293412	China University of Mining and Technology; Xuzhou Liren Monorail Transportation Equipment Co., Ltd.		
2022300757	WILKINSON, J.		
2022301346	CARL ZEISS MEDITEC AG		
2022368367	JIANGSU HENGXIN TECHNOLOGY CO., LTD		
2023200067	MasterCard International Incorporated		
2023200357	Magic Leap, Inc.		
2023200474	Brady Groupe SAS		
2023200641	Getac Technology Corporation		
2023200752	Regeneron Pharmaceuticals, Inc.		
2023200865	Shanghai Linghuo Trading Co., Ltd.		
2023201201	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.		
2023201756	KeychainX AG		
2023201758	Baker Hughes Holdings LLC		
2023201776	Tencent America LLC		
2023202697	Honor Device Co., Ltd.		
2023202832	SU, C.		
2023203035	Institute of Biotechnology, Xinjiang Academy of Animal Science (China-Australia Sheep Research Centre, Xinjiang Academy of Animal Science)		
2023203279	FabTech System CO., LTD.		
2023203621	Intermetro Industries Corporation		
2023203622	Intermetro Industries Corporation		

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<u>A01B 11 /-</u>	<u>A01K 15 /-</u>	2020341071	2021319152	<u>A47D 13 /-</u>	<u>A47L 13 /-</u>
2018217823	2020324360	<u>A23G 1 /-</u>	<u>A24D 3 /-</u>	2021242358	2020359638
<u>A01B 13 /-</u>	<u>A01K 27 /-</u>	2018424179	2021319152	2022200161	<u>A47L 23 /-</u>
2018217823	2020324360	<u>A23G 3 /-</u>	<u>A24F 1 /-</u>	<u>A47D 15 /-</u>	2022201715
<u>A01B 15 /-</u>	<u>A01K 29 /-</u>	2018424179	2022201497	2021242358	<u>A47L 7 /-</u>
2017276303	2017334043	2019291941	<u>A24F 47 /-</u>	<u>A47D 7 /-</u>	2021260959
<u>A01B 21 /-</u>	<u>A01K 5 /-</u>	<u>A23K 10 /-</u>	2020320037	2022200161	2023207248
2019215795	2020362251	2019251320	2020405996	<u>A47D 9 /-</u>	<u>A47L 9 /-</u>
<u>A01B 23 /-</u>	<u>A01K 67 /-</u>	<u>A23K 20 /-</u>	2022275522	2021242358	2020201786
2019215795	2023203035	2018351640	<u>A41C 3 /-</u>	2022200161	2020406798
<u>A01B 49 /-</u>	<u>A01K 97 /-</u>	2019251320	<u>A41C 5 /-</u>	<u>A47F 1 /-</u>	2021260959
2017276303	2024200340	2019251320	2018367332	2018375072	2022215179
2018217823	<u>A01M 7 /-</u>	<u>A23K 50 /-</u>	<u>A41D 13 /-</u>	<u>A47F 5 /-</u>	2023207248
<u>A01B 79 /-</u>	2018387322	2019251320	2022238470	<u>A47G 9 /-</u>	<u>A61B 1 /-</u>
2018217823	<u>A01N 25 /-</u>	<u>A23L 19 /-</u>	<u>A42B 1 /-</u>	2018291973	2019286546
<u>A01C 1 /-</u>	2020350517	2018424179	2020382277	<u>A47J 31 /-</u>	<u>A61B 10 /-</u>
2022205148	<u>A01N 37 /-</u>	<u>A23L 2 /-</u>	<u>A43B 13 /-</u>	2018205065	2020405301
<u>A01C 5 /-</u>	2018279253	2018366055	2018309426	2018312613	<u>A61B 17 /-</u>
2017276303	<u>A01N 43 /-</u>	2020341071	<u>A43B 17 /-</u>	2018390790	2018204122
<u>A01C 7 /-</u>	2018279253	<u>A23L 21 /-</u>	2020376694	2018408335	2018250022
2017276303	<u>A01N 47 /-</u>	2018424179	<u>A43B 21 /-</u>	<u>A47J 36 /-</u>	2018285236
<u>A01D 34 /-</u>	2018279253	2019337791	2018309426	2021236459	2019202538
2018355903	<u>A01N 63 /-</u>	<u>A23L 27 /-</u>	<u>A43B 7 /-</u>	2021257666	2021236459
2022256171	2017377976	2020376694	2020458871	2022202390	2021257666
<u>A01D 41 /-</u>	<u>A01P 3 /-</u>	<u>A23L 29 /-</u>	2018309426	2022202659	2022202390
2020256953	2018279253	2018366055	<u>A47J 37 /-</u>	2022256156	<u>A61B 18 /-</u>
2020371706	<u>A01P 7 /-</u>	2019258324	2018412057	<u>A61B 18 /-</u>	2019226709
<u>A01G 31 /-</u>	<u>A01P 3 /-</u>	2019337791	2020458871	<u>A61B 3 /-</u>	2019226709
2018210897	2018279253	<u>A23L 33 /-</u>	<u>A47J 39 /-</u>	2019209329	<u>A61B 3 /-</u>
<u>A01G 9 /-</u>	<u>A21D 10 /-</u>	2018351640	2023203621	<u>A61B 3 /-</u>	2019209329
2018200760	2019308810	2019258324	2023203622	<u>A61B 34 /-</u>	2019209329
2018210897	<u>A22C 18 /-</u>	2020277138	<u>A47J 42 /-</u>	2018347893	2019226709
<u>A01H 5 /-</u>	2021286253	<u>A23L 5 /-</u>	2019202528	2020201097	2022202659
2017377976	<u>A23D 9 /-</u>	2019291941	<u>A47J 43 /-</u>	<u>A61B 5 /-</u>	2022202659
<u>A01K 1 /-</u>	2018260664	<u>A23L 7 /-</u>	2017204513	<u>A61B 5 /-</u>	2018263285
2020324360	<u>A23F 3 /-</u>	2019308810	<u>A47C 19 /-</u>	<u>A61B 5 /-</u>	2018310830
<u>A01K 11 /-</u>	2018366055	<u>A23P 10 /-</u>	2022200161	<u>A61B 5 /-</u>	2020300352
2017334043	<u>A23F 5 /-</u>	2017204513	<u>A47C 3 /-</u>	<u>A61B 5 /-</u>	2020321759
		<u>A23P 20 /-</u>	2018381882	<u>A61B 5 /-</u>	2020403909
		2017204513	<u>A47C 31 /-</u>	<u>A61B 5 /-</u>	2021245659
		2020320037	2022256951	<u>A61B 5 /-</u>	2022202659
		2020405996		<u>A61B 5 /-</u>	2022256951

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<u>A61B 90/-</u>	2018216509	2022279862	2019468928	2021282339	2021321705
2018220820	2018236168		2020359638		
2022256156	2018251092	<u>A61K 36/-</u>	2020405262	<u>A61M 3/-</u>	<u>A61P 25/-</u>
	2018253267	2018358237	2020408132	2022202913	2017322656
<u>A61F 13/-</u>	2018263965	2018371165			2017388339
2017410901	2018276345	2019251320	<u>A61K 9/-</u>	<u>A61M 31/-</u>	2018251092
2018285236	2018302170		2018205544	2018269550	2018385454
2019211943	2018317929	<u>A61K 38/-</u>	2018210397		2020277138
2020359638	2018351640	2018270906	2018215669	<u>A61M 37/-</u>	2020399047
2020421260	2018356481	2018379704	2018272880	2018269550	2021201445
	2018356497	2019294261	2018300075		2021321705
<u>A61F 2/-</u>	2018357347	2020233745	2018302170	<u>A61M 39/-</u>	2021353998
2018204122	2018358237	2020244570	2018356481	2018302004	2022202163
2018232900	2018385454	2020256322	2018371165	2019240047	2022283770
2018265427	2019251699	2021201445	2019255599	2021250966	
2018285236	2019255599	2022201775	2019258324		<u>A61P 27/-</u>
2018337718	2019256351		2020244570	<u>A61M 5/-</u>	2017322656
2018376892	2019265134	<u>A61K 39/-</u>	2020319662	2018290302	2017388339
2021221897	2019279441	2017213050	2021225909	2018303679	2019265134
2021236459	2019296380	2017250809	2021337086	2018326380	
2022200752	2019297445	2017261306	2023263453	2018358749	<u>A61P 29/-</u>
2022202390	2020319662	2017264683			2017388339
2022202659	2020320992	2017322656	<u>A61L 2/-</u>	<u>A61M 60/-</u>	2020329207
2022203260	2020329207	2020361324	2018265427	2019206421	2020399047
2022301346	2020368542	2020397245	2019222696		2021321705
	2020399047	2020468487	<u>A61L 27/-</u>	<u>A61N 1/-</u>	<u>A61P 3/-</u>
<u>A61F 5/-</u>	2020468487	2021225909	2017388339	2018278893	2017353323
2018291973	2021225909	2018276345	2018265427	2018318977	2017388339
2020268166	2021235832	2019318425	2021221897	2018326833	2019265134
2020376694	2021245924	2020244570		2020429359	2021378438
	2021258979	2020255735	<u>A61L 29/-</u>	2020445516	2022233950
<u>A61F 7/-</u>	2021265322	2020316498	2018330339	2021313870	
2020429359	2021265994	2021245226			<u>A61P 31/-</u>
	2021277625	2022268324	<u>A61M 1/-</u>	<u>A61P 1/-</u>	2017261306
	2021286284		2018285236	2017356350	2019256351
<u>A61F 9/-</u>	2021307245	<u>A61K 45/-</u>	2018354152	2017388339	2019296380
2022201392	2021321705	2018210397	2019232445	2019279441	2021225909
2022203260	2021324839	2018385454	2021282339	2020397245	2021280623
2022206756	2021329805	2021258979	2022202913	2021235832	2021286284
	2021337086			2021421161	2022201724
	2021345531	<u>A61K 47/-</u>	<u>A61M 11/-</u>	<u>A61P 11/-</u>	2022218616
<u>A61G 5/-</u>	2021353998	2017213050	2022201497	2017388339	
2023202832	2021378438	2018205544	2022275522	2020320992	<u>A61P 35/-</u>
	2021421161	2018215669			2018205544
<u>A61H 15/-</u>	2022201413	2018272880	<u>A61M 15/-</u>	<u>A61P 13/-</u>	2018210397
2020445516	2022201724	2018328052	2020385595	2017388339	2018216509
	2022202163	2018356481	2022201497	2019279441	2018236168
<u>A61H 23/-</u>	2022202916	2018356481	2022275522	2020397245	2018258045
2020429359	2022218616	2020244570		2021235832	2018276345
	2022233950	2021337086	<u>A61M 16/-</u>	2021321705	2018302170
	2022263608	2021421161	2021250893	<u>A61P 15/-</u>	2018356497
<u>A61H 3/-</u>	2022283770	2022218165	2022218487	2021324839	2020255735
2023202832	2023263453	2023263453			2020319662
	2023285716		<u>A61M 25/-</u>	<u>A61P 17/-</u>	2020361324
<u>A61H 7/-</u>	<u>A61K 33/-</u>	<u>A61K 48/-</u>	2018220820	2017388339	2020368542
2020445516	2018263965	2017261306	2018250022	2020320992	2021225909
	2018272880	2018216509	2018302004	<u>A61P 19/-</u>	2021245924
<u>A61J 3/-</u>	2018328052	2018262427	2019211943	2017388339	2021265322
2018300075		2021421161	2022200018	2019265134	2021265994
	<u>A61K 35/-</u>	2022201319	2022202913	2021321705	2021280623
<u>A61K 31/-</u>	2017261306				2021307245
2017356350	2017388339	<u>A61K 51/-</u>	<u>A61M 27/-</u>	<u>A61P 21/-</u>	2021337086
2018205544	2018258045	2019212849	2018330339		2021345531
2018210397	2018270906				2021378438
2018215669	2018279290	<u>A61K 8/-</u>			
	2020277138	2019251320			
	2021254620	2019258324			

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2022201413	<u>A63C 17 /-</u>	2019470580	<u>B29C 45 /-</u>		<u>B62B 7 /-</u>
2022268324				<u>B60G 13 /-</u>	2022215169
2022279862	2022204132	<u>B09B 3 /-</u>	2019281366	2023200865	
<u>A61P 37 /-</u>	<u>A63F 13 /-</u>	2019470580	<u>B29C 70 /-</u>	<u>B60G 15 /-</u>	<u>B62B 9 /-</u>
2017261306	2021290343	2021251539	2018267651	2023200865	2022215169
2017356350		<u>B09B 5 /-</u>	<u>B29D 11 /-</u>		<u>B62D 53 /-</u>
2018236168	<u>A63G 3 /-</u>	2021251539	2019233690	<u>B60K 1 /-</u>	2017261466
2020255735	2020384235	<u>B22D 11 /-</u>	<u>B29D 99 /-</u>	2020327435	
2020361324	<u>A63G 7 /-</u>	2018231218	2019281366	<u>B60L 15 /-</u>	<u>B63B 21 /-</u>
2021225909	2020384235	<u>B22D 19 /-</u>	2022200773	2020327435	2018232894
<u>A61P 41 /-</u>	<u>A63G 9 /-</u>	2021254517	<u>B30B 9 /-</u>	<u>B60L 53 /-</u>	<u>B63B 22 /-</u>
2021201445	2021242358	<u>B22D 27 /-</u>	2022200773	2020232957	2018232894
<u>A61P 43 /-</u>	<u>B01D 21 /-</u>	2018231218	<u>B32B 15 /-</u>	2020327435	<u>B63B 27 /-</u>
2018357347	2018296717	<u>B23K 10 /-</u>	2019219969	2022200635	2018232894
2019265134	<u>B01D 53 /-</u>	2018241054	<u>B32B 18 /-</u>	<u>B60L 58 /-</u>	<u>B63B 32 /-</u>
2021321705	2021335276	<u>B23K 26 /-</u>	2019281366	2020232957	2021269309
2021329805	<u>B01D 61 /-</u>	2018241054	<u>B32B 19 /-</u>	2022200635	<u>B63B 39 /-</u>
<u>A61P 7 /-</u>	2022200858	<u>B23K 31 /-</u>	2019281366	2021302172	2021269309
2019251699	<u>B01D 65 /-</u>	2018241054	<u>B32B 27 /-</u>	<u>B60N 2 /-</u>	<u>B63G 8 /-</u>
2019255599	2019222696	2019448393	2019281366	2020381878	2018359314
<u>A61P 9 /-</u>	<u>B01J 23 /-</u>	<u>B23K 37 /-</u>	2021245659	<u>B60N 3 /-</u>	<u>B63H 1 /-</u>
2017388339	2019239617	2018241054	<u>B32B 5 /-</u>	2022201715	2018254615
2020399047	<u>B01J 37 /-</u>	<u>B23K 9 /-</u>	2020359638	<u>B60R 11 /-</u>	<u>B63H 9 /-</u>
2021201445	2019239617	2019448393	<u>B32B 7 /-</u>	2017381400	2021321360
2021258979	<u>B01L 3 /-</u>	<u>B24C 1 /-</u>	2020359638	2023305025	<u>B64C 39 /-</u>
2021378438	2022200255	2019454975	<u>B41J 2 /-</u>	<u>B60R 16 /-</u>	2018280853
<u>A61Q 1 /-</u>	<u>B02C 2 /-</u>	<u>B25B 1 /-</u>	2021337043	2020327435	<u>B64C 9 /-</u>
2020408132	2021254517	2021279210	<u>B41M 5 /-</u>	2023200641	2018256564
<u>A61Q 11 /-</u>	<u>B03D 3 /-</u>	<u>B25C 1 /-</u>	2021337043	<u>B60R 9 /-</u>	<u>B64D 45 /-</u>
2019251320	2018296717	2018219004	<u>B60B 33 /-</u>	2023305025	2018202211
2019468928	<u>B05B 1 /-</u>	<u>B25J 9 /-</u>	2023202832	<u>B60W 30 /-</u>	<u>B65B 13 /-</u>
2020408132	2018309390	2020375183	<u>B60C 11 /-</u>	2018357056	2022200773
<u>A61Q 17 /-</u>	<u>B05B 15 /-</u>	<u>B27K 3 /-</u>	2018356859	<u>B61G 9 /-</u>	<u>B65B 21 /-</u>
2020405262	2019220575	2019241403	<u>B60C 19 /-</u>	2020397850	2018279270
<u>A61Q 19 /-</u>	<u>B05B 7 /-</u>	<u>B27K 5 /-</u>	2018356859	2020414026	<u>B65B 27 /-</u>
2019258324	2018309390	2019241403	<u>B60C 23 /-</u>	<u>B62B 3 /-</u>	2022200773
2020405262	2018387322	<u>B29B 17 /-</u>	2018356859	2018322600	<u>B65B 35 /-</u>
2020408132	2019220575	2018329730	<u>B60C 99 /-</u>	2022211818	2021235329
<u>A61Q 5 /-</u>	<u>B08B 9 /-</u>	<u>B29C 33 /-</u>	2018356859	<u>B62B 5 /-</u>	<u>B65B 43 /-</u>
2020408132	2018220820	2021331702	<u>B60G 11 /-</u>	2022211818	2021235329
<u>A62B 18 /-</u>	<u>B09B 1 /-</u>		2023200865	2023202832	
2021250893					
<u>A62B 9 /-</u>					
2021250893					
<u>A63B 55 /-</u>					
2022203271					
2022209318					

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<u>B65B 5 /-</u>		2019454975	<u>C07D 235 /-</u>	2021329805	2023285716
2021235329	<u>B65G 65 /-</u>			2022200927	
	2019222617	<u>C03C 25 /-</u>	2021353998		<u>C07H 21 /-</u>
<u>B65B 57 /-</u>	2021222858	2018309390	<u>C07D 245 /-</u>		2019212849
2021235329	<u>B65H 16 /-</u>	<u>C04B 103 /-</u>	2022201724	2019251699	2019266768
				2019265134	2020263307
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 (11) AU-B-2023100073
 (21) 2023100073 (22) 04.08.2023
 (54) Watchbands with hook and loop fasteners
 (51) Int. Cl.
 A44C 5/20 (2006.01)
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 (45) 29.02.2024
 (62) 2022100166
 (72) Shaffer, Benjamin A.; Hamada, Yoji;
 Hatanaka, Motohide; Chen, Hsiang-Hung;
 Shiraishi, Eiryo
 (74) FPA Patent Attorneys Pty Ltd

(71) Prok Conveyor Components Pty Ltd
 (11) AU-B-2023100102
 (21) 2023100102 (22) 14.12.2023
 (54) CONVEYOR ROLLER TUBE
 (51) Int. Cl.
 B65G 39/00 (2006.01)
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Opposition Proceedings

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Opposition Lodged

2016341311 **ModernaTX, Inc.** (Seqirus Inc.)

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2022256176	2022263595	2022274080	2022319998
2022430003	2023200135	2023200495	2023203050
2023203239	2023233108	2023237194	2023241318

Revocation

It is hereby notified that as a consequence of a court order dated 08.12.2023 by the Federal Court of New South Wales in proceedings number NSD639/2021 , Patent 2020103197 in the name of **LAA Industries Pty Ltd** has been revoked in relation to Australian Patent No. 2020103197 revoked in accordance with Orders made by Justice Downes on 08 December 2023 .

Assignments Registered

- 2006326551 Sanofi-Aventis U.S. LLC The patent has been assigned to **Chattem, Inc.**
- 2007215333 Whites Manufacturing Ltd. The patent has been assigned to **Aqualung Corporate**
- 2008277503 Chevillot SAS The patent has been assigned to **All-flex Europe SAS**
- 2008282886 Intertrust Technologies Corporation The patent has been assigned to **PLS IV, LLC**

Assignments Registered

- 2009212979 SOLUM MENTALCARE CO., LTD. The patent has been assigned to **Solum Healthcare Co., Ltd.**
- 2011263754 Sigfox The patent has been assigned to **UNABIZ**
- 2011278451 Boehringer Ingelheim International GmbH The patent has been assigned to **A. Nattermann & Cie. Gesellschaft mit Beschränkter Haftung**
- 2011335900 Accessible Publishing Systems Pty Ltd The patent has been assigned to **Barakat Consulting Inc**
- 2012367136 H2O Research GmbH; 3P Technik Filtersysteme GmbH The patent has been assigned to **3P Technik Filtersysteme GmbH**
- 2014217965 Sanofi The patent has been assigned to **Opella Healthcare Group SAS**
- 2014247141 Boehringer Ingelheim International GmbH The patent has been assigned to **A. Nattermann & Cie. Gesellschaft mit Beschränkter Haftung**
- 2014316839 Biocompatibles UK Ltd The patent has been assigned to **Boston Scientific Medical Device Limited**
- 2015257871 Boehringer Ingelheim International GmbH The patent has been assigned to **A. Nattermann & Cie. Gesellschaft mit Beschränkter Haftung**
- 2015261940 Boehringer Ingelheim International GmbH The patent has been assigned to **A. Nattermann & Cie. Gesellschaft mit Beschränkter Haftung**
- 2015268995 Jetkids AS The patent has been assigned to **STOKKE AS**
- 2015309176 Sanofi-Aventis de Mexico SA de CV; Sanofi-Aventis Deutschland GmbH The patent has been assigned to **Sanofi-Aventis de Mexico SA de CV; A. Nattermann & Cie. Gesellschaft mit Beschränkter Haftung**
- 2015336453 Riken; Sumitomo Chemical Company, Limited; Sumitomo Pharma Co., Ltd. The patent has been assigned to **Riken; Sumitomo Pharma Co., Ltd.**
- 2016221526 Sigfox The patent has been assigned to **UNABIZ**
- 2016276131 Heriot-Watt University The patent has been assigned to **ufraction8 Limited**
- 2016307395 Sigfox The patent has been assigned to **UNABIZ**
- 2016333574 Sigfox The patent has been assigned to **UNABIZ**
- 2017254264 Sumitomo Pharma Co., Ltd.; RIKEN; Sumitomo Chemical Company, Limited The patent has been assigned to **RIKEN; Sumitomo Pharma Co., Ltd.**
- 2017276727 Alma Mater Studiorum Universita di Bologna; Nouscom AG The patent has been assigned to **Alma Mater Studiorum Universita di Bologna**
- 2017342627 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2017357562 Sigfox The patent has been assigned to **UNABIZ**
- 2017374685 Sigfox The patent has been assigned to **UNABIZ**

Assignments Registered

- 2018251489 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2018311237 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2018348113 Pear Therapeutics (US), Inc. The patent has been assigned to **Click Therapeutics, Inc.**
- 2018389236 Teleflex Life Sciences Limited The patent has been assigned to **Teleflex Life Sciences LLC**
- 2019201053 Markovits Rojas, Alejandro; Härting Glade, Thomas Francis; Härting Eckman, Steven Lee The patent has been assigned to **Markovits Rojas, Alejandro; Härting Eckman, Steven Lee**
- 2019293397 Biocompatibles UK Limited The patent has been assigned to **Boston Scientific Medical Device Limited**
- 2020201495 Biocompatibles UK Ltd. The patent has been assigned to **Boston Scientific Medical Device Limited**
- 2020205179 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2021106499 SunPark Technologies Pty Ltd The patent has been assigned to **Iberdrola Australia Smart Energy Solutions Pty Ltd**
- 2021200247 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2021215248 Biocompatibles UK Limited The patent has been assigned to **Boston Scientific Medical Device Limited**
- 2021221878 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2021248906 Teleflex Life Sciences Limited The patent has been assigned to **Teleflex Life Sciences LLC**
- 2021258067 LG Electronics Inc. The patent has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**
- 2021277725 Milich, Sam The patent has been assigned to **Miriana Milich**
- 2021320088 Teleflex Life Sciences Limited The patent has been assigned to **Teleflex Life Sciences LLC**

Licences Registered - Section 187, Reg. 19

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

- 2015233174 Dyson Technology Limited (Dyson Appliances (Aust.) Pty Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

- 2011203119 **Ono Pharmaceutical Co., Ltd.; E. R. Squibb & Sons, L.L.C.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 16 Apr 2015

For the goods KEYTRUDA pembrolizumab

Extension of Term of patent pursuant to Section 77 expires on 16 Apr 2030

Specifications Republished

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

- 2018316476 **Alcresta Therapeutics, Inc.**
- 2019202757 **Aurora Flight Sciences Corporation**
- 2020265790 **Worn Again Technologies Limited**
- 2020270503 **Nippon Chemiphar Co., Ltd.**
- 2020374919 **Dongbao Purple Star (Hangzhou) Biopharmaceutical Co., Ltd.**
- 2020389341 **Blafar Biotechnology (Hangzhou) Ltd**
- 2021203036 **ESCO Group LLC**
- 2021203036 **ESCO Group LLC**