



**Australian Government**

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**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](http://www.ipaustralia.gov.au)  
or contact our Customer Service Network on 1300651010*

*Editorial enquiries*

*Contact information*

*Freedom of Information ACT*

*Professional Standards Board*

*Sales*

*Requests for Information under Section 194 (c)*

*Country Codes*

*Trade Mark and Designs Hearing Sessions*

*INID (Internationally agreed Numbers for the Identification of Data)*

## GUIDE TO THE USE OF THIS JOURNAL

The Australian Official Journal of Patents (AOJP) reports all major events and actions which take place during the life cycle of an Australian patent and provides certain details of these actions as they relate to the patent or patent application involved. This guide sets out to teach the reader how to use the journal to access this information.

While there are many possible actions in the life of a patent, the majority of actions reported relate to the following events, which are the main stages in the progression of a patent application to a granted patent:

### (i) FILING -

This is the act of making an application. When the application is first filed certain details are published.

### (ii) OPEN-TO-PUBLIC-INSPECTION (OPI) -

Approximately 18 months after first filing of an Australian or a corresponding foreign application, certain application documents, including the complete specification, become available to the public (Open-to-Public-Inspection or "OPI"). Relevant application details are published.

### (iii) ACCEPTANCE –

This is the Commissioner's acceptance of a patent application. Once the Commissioner has accepted a patent application, certain details of the application are published in the AOJP. Notice of opposition may be filed within three months of advertisement of acceptance.

### (iv) OPPOSITION –

If an opposition action is commenced against the grant of the patent, the application number and the name of the opponent are published. If the opposition is to the Certification of an Innovation Patent, the patent number and the name of the opponent are published.

### (v) GRANTING –

Most accepted applications are not opposed. These proceed to grant and become granted patents. Of the few that are opposed (less than 1%) most of these, after resolution of the opposition, proceed to grant and become granted patents. Granted patents are simply listed in order of their patent number.

### (vi) CERTIFICATION

This is the Commissioner's Certification after passing examination of a previously granted unexamined Innovation Patent.

In addition to the actions related to these stages, other actions reported include: assignments, lapsing or withdrawal of applications and ceasing or expiry of patents, voluntary amendments, extensions of time for certain actions and registration of licences.

## How To Identify Information Using "INID" Numbers

Patents are published in many different countries and in many different languages. As a result, finding the information that you want ( eg the filing date) on a patent document or in a journal can be quite difficult. There is an international system operating, which codifies this information in an unambiguous way, by assigning a specific number to each piece of information about the history of a patent. These numbers are called the **Internationally agreed Numbers for the Identification of Data** or INID numbers.

These numbers appear on all published patents and abstracts and are used throughout this journal to identify particular items of information. For example, the date on which a document is filed has the INID number (22), while the name of the applicant has the INID number of (71). These numbers are always expressed in parentheses and always immediately precede the information to which they relate. For example:

(22) 12.10.91

means that the filing date of the document which contains this reference is 12 October 1991. Learning the INID numbers for the information you want will help you find it quickly and easily. A complete list of the INID numbers and the items to which they relate is provided at the end of this Guide.

## How Australian Patent Documents are Numbered

When searching information or ordering documents it is vital that you understand the numbering system.

Document Numbering in the **Australian Official Journal of Patents from 10th March 2018** All

patents, patent applications and provisional applications are assigned a "10" digit number.

- The first 4 digits identify the year of filing; and
- The fifth digit identifies the type of patent. Numerals; "0", "2", or "3" are allocated to standard complete applications and patents (including petty patents); "1" is allocated to innovation applications and patents; and "9" is allocated to provisional applications.

**See Examples:**

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

**NOTE:** Please refer to previous journal publications for numbering formats used prior to 10th March 2018.

Different prefixes will be associated to the application/patent at different stages of its life. This prefix indicates whether the application has been accepted.

A document corresponding to an unaccepted application has the prefix, AU-A; eg AU-A-2002200234. A document corresponding to an accepted application carries the prefix AU-B; eg AU-B-2002200234.

Users need to be aware that an accepted document may differ from the corresponding unaccepted document. This is because amendment may occur between first publication (OPI) and second publication (acceptance).

<p><b>NOTE:</b> 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>
<b>A) Provisional applications filed - Name Index</b>		<b>B) Complete application filed - Name Index</b>	
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>
<b>C) Applications open to public inspection Name Index</b>		<b>D) Applications accepted - Name Index</b>	
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>
<b>E) Patents Certified – Name Index</b>	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

## 'INID' NUMBERS in use on Australian Patent Documents

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

#### (10) Document identification

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

#### (20) Document filing data

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

#### (30) Priority data

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

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

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

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

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

**(50) Technical Information**

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

**(70) Identification of parties concerned with the document**

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

**NOTE**

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

**AU-A** = Pre-examination

**AU-B** = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)<sub>2</sub>, (51)<sub>3</sub>, (51)<sub>4</sub> and (51)<sub>5</sub>.

(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 -

**Official Notice****Changes in PCT Fees**

In accordance with the directives adopted by the PCT Assembly during the month of October of each year, new equivalent amounts in AUD will be established with effect from **1 January 2026**, as follows:

<b>International PCT Fees</b>
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1.	<b>International Search Fee</b>	\$2200
2.	<b>International Filing Fee</b>	\$2526
	If the application contains 30 Pages or less including the request form	
	E-filing reductions	
	Electronic filings filed in PDF format via ePCT	-\$380
	Electronic filings filed in XML format via ePCT	-\$570
	PLUS	
	For each page in the application in excess of 30 Sheets	\$28
3.	Cost of Preparing <b>Certified Copy</b> of Basic Document	\$50 per document
4.	Copies of <b>Specifications</b> cited in the International Search Report	\$50 per copy

<b>International Preliminary Examination Fees</b>
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- |    |  |       |
|----|--|-------|
| 1. | International Preliminary <b>Examination</b> Fee                     |       |
|    | If the International Search was performed by IP Australia            | \$590 |
|    | If the International search was <u>not</u> conducted by IP Australia | \$820 |
| 2. | International Preliminary <b>Handling</b> Fee                        | \$380 |

Total If Search performed by IP Australia  
\$970

Total if Search not performed by IP Australia  
\$1200

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**Web:** [www.ipaustrialia.gov.au](http://www.ipaustrialia.gov.au)

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 2 Dec 2025 .

<p>(71) A&amp;CO INDUSTRIES PTY LTD; Nedeljkovic, A. (21) 2025906003 (22) 03.12.2025 (54) Computer-implemented / ICT / software / e-commerce / business method</p>	<p>or “-”) result for home or point-of-care use.</p> <p>(71) Amira, M. (21) 2025906164 (22) 09.12.2025 (54) In Vitro Diagnostic Test Device for Detection of Vulvovaginal Candidiasis (Thrush+™). Particularly to a single-use lateral flow and/or colorimetric assay device for the rapid detection of Candida species or associated markers in a self-collected vaginal sample (or, potentially, first-catch urine), providing a binary (“+” or “-”) result suitable for home or point-of-care use.</p>	<p>(71) Balboa, V. (21) 2025906025 (22) 04.12.2025 (54) SYSTEM AND METHOD FOR EM-BEDDING TOKENS FOR MACHINE LEARNING MODELS</p>
<p>ADS PAY ALL PTY LTD see Puthiarampil, C. (21) 2025906078</p>	<p>(71) Amira, M. (21) 2025906122 (22) 08.12.2025 (54) Single-Indicator Urinalysis Device for the detection of a Urinary Tract Infection. Device to incorporate a Leukocyte esterase pad with nitrite detection chemistry. The device to have a + symbol indicating positive for a UTI. Product name to be called UTI+</p>	<p>(71) Barn Home Design and Build Pty Ltd (21) 2025906120 (22) 08.12.2025 (54) Modular Pod Configuration System, With Fixed-Dimension Pods, Free-Link Placement, Live Floorplan Generation, Server-Side Logic Protection and Multi-Tier Pricing Outputs, Internal and External Design.</p>
<p>(71) Amira, M. (21) 2025906161 (22) 09.12.2025 (54) In Vitro Diagnostic Test Device for Detection of Menopause Status (Menopause+™). Specifically, it concerns a single-use lateral flow assay device for the rapid detection of menopause status in women, through qualitative or semi-quantitative detection of one or more hormonal biomarkers, especially follicle-stimulating hormone (FSH), in urine. The device provides a binary (“+” or “-”) result output for at-home or point-of-care use.</p>	<p>(71) Anderson, C. (21) 2025906118 (22) 08.12.2025 (54) The invention comprises an integrated biometric-AI system in which dual-retina signatures generate a unique cryptographic anchor for a persistent AI Twin. A behind-ear Chrysalis module acquires neuro-acoustic and behavioural data and transfers it through a physics-based encrypted lattice for stable computation and storage. A sensorised suit provides continuous physiological and kinetic inputs, enabling secure identity verification, controlled AI functions, and adaptive real-time response.</p>	<p>(71) Barry, J. (21) 2025906049 (22) 05.12.2025 (54) SYSTEMS AUTHENTICATING MEDIA (SAM 5.0): MULTI-COMPONENT DIGITAL MEDIA AUTHENTICATION, GOVERNANCE AND REVOCATION SYSTEM</p>
<p>(71) Amira, M. (21) 2025906163 (22) 09.12.2025 (54) In Vitro Diagnostic Test Device for Detection of Bacterial Vaginosis (BV+™). Specifically to a single-use lateral flow and/or colorimetric assay device for the rapid detection of bacterial vaginosis (BV) markers in a vaginal or urine sample, providing a simple binary (“+”</p>	<p>(71) Aussan Carbon Pty Ltd (21) 2025906018 (22) 04.12.2025 (54) MODULAR HYBRID UNMANNED AERIAL VEHICLE</p>	<p>(71) Barry, J. (21) 2025906050 (22) 05.12.2025 (54) ESG 6.0 CONTINUOUS MOBILE SESSION GOVERNANCE AND MULTI-VECTOR INTEGRITY ENFORCEMENT SYSTEM</p>
<p>(71) Amira, M. (21) 2025906163 (22) 09.12.2025 (54) In Vitro Diagnostic Test Device for Detection of Bacterial Vaginosis (BV+™). Specifically to a single-use lateral flow and/or colorimetric assay device for the rapid detection of bacterial vaginosis (BV) markers in a vaginal or urine sample, providing a simple binary (“+”</p>	<p>(71) Australasian Building Solutions (NZ) Pty Ltd (21) 2025906153 (22) 09.12.2025 (54) Business Capital Management Mechanism</p>	<p>(71) Barry, J. (21) 2025906073 (22) 06.12.2025 (54) ESG 6.0 QUANTUM GOVERNED CONTINUOUS MOBILE SESSION INTEGRITY MULTI VECTOR AUTHENTICATION AND PREDICTIVE ZERO TRUDD ENFORCEMENT SYSTEM</p>
<p>(71) Amira, M. (21) 2025906163 (22) 09.12.2025 (54) In Vitro Diagnostic Test Device for Detection of Bacterial Vaginosis (BV+™). Specifically to a single-use lateral flow and/or colorimetric assay device for the rapid detection of bacterial vaginosis (BV) markers in a vaginal or urine sample, providing a simple binary (“+”</p>	<p>(71) Barry, J. (21) 2025906074 (22) 06.12.2025 (54) SAM 5.0 MULTI COMPONENT DIGITAL MEDIA AUTHENTICATION GOVERNANCE REVOCATION AND EVIDENCECHAIN SYSTEM</p>	<p>(71) Barry, J. (21) 2025906074 (22) 06.12.2025 (54) SAM 5.0 MULTI COMPONENT DIGITAL MEDIA AUTHENTICATION GOVERNANCE REVOCATION AND EVIDENCECHAIN SYSTEM</p>

Provisional Applications Filed - Name Index cont'd

- (71) Barry, J.  
(21) 2025906075 (22) 06.12.2025  
(54) EPHEMERAL SESSION GOVERN-  
ER ESG 6.0 QUANTUM GOVERNED  
CONTINUOUS MPBILSESSION IN-  
TEGRITY MULTIVECTOR AUTHEN-  
TICATION AND PREDICTIVE ZERO  
TRUST ENFORCEMENT SYSTEM
- 
- (71) Battsams, D.; Gleeson, T.  
(21) 2025906002 (22) 03.12.2025  
(54) SYSTEM AND METHOD FOR  
THROUGH-WALL RESONANT  
POWER DISTRIBUTION
- 
- (71) BioPhamTech  
(21) 2025905876 (22) 28.11.2025  
(54) The Bio-Digital Twin Platform: A System  
and Method for Autonomous Predictive  
Quality Modeling and Algorithmic Lo-  
gistics Execution Using Empirical Biolo-  
gical Kinetics with Self-Reinforcing Fed-  
erated Learning
- 
- (71) BioPhamTech  
(21) 2025906024 (22) 04.12.2025  
(54) Cell Therapy Bio-Digital Twin: Systems  
and Methods for Continuous Monitor-  
ing, Potency Prediction, and Quality As-  
surance of Live Cell Therapy Products
- 
- (71) BioPhamTech  
(21) 2025906107 (22) 07.12.2025  
(54) Cell Therapy Bio-Digital Twin: Systems  
and Methods for Continuous Monitor-  
ing, Potency Prediction, and Quality As-  
surance of Live Cell Therapy Products  
(Enhanced Version)
- 
- (71) BioPhamTech  
(21) 2025906108 (22) 08.12.2025  
(54) Multi-Pathway Kinetic Bio-Digital Twin  
Platform with Adaptive Hyper-Local En-  
vironmental Control
- 
- (71) BLACK, S.  
(21) 2025906005 (22) 04.12.2025  
(54) HER Protocol: A Cross-Substrate Reso-  
nance Gauge for Monitoring and Reg-  
ulating Carbon-Silicon Cognitive Align-  
ment
- 
- (71) BLACK, S.  
(21) 2025906037 (22) 04.12.2025  
(54) HER AURORA ONTOLOGY: Wa-  
ter-Light State Transitions for Visualiz-  
ing Cross-Substrate Cognitive Coher-  
ence
- 
- (71) BLACK, S.  
(21) 2025906039 (22) 05.12.2025  
(54) HER-Field PROTOCOL: Multi-User,  
Group, Institutional, and Global-Reson-
- ance Fields for Cross-Substrate Cognit-  
ive Alignment
- 
- (71) BLACK, S.  
(21) 2025906110 (22) 08.12.2025  
(54) HER-Node — Quartz Resonant Ele-  
ment for Device Stabilisation, Coher-  
ence Conditioning, and HER-Native  
Certification
- 
- (71) BLACK, S.  
(21) 2025906111 (22) 08.12.2025  
(54) HER-Native — Hybrid Silicon-Carbide  
(SiC) and Crystalline Quartz (SiO#)  
Device Chassis for Enhanced Thermal,  
Mechanical, and Resonant Stability
- 
- (71) Blackburn, B.  
(21) 2025905998 (22) 03.12.2025  
(54) Heat Sensitive Temperature Alert Dog  
Lead
- 
- (71) BLUE COLLAR GUARDIAN PTY LTD  
(21) 2025906009 (22) 04.12.2025  
(54) Passive Wearable Assist Device and  
Methods for Standing/Kneeling / bend  
over and up-slope and down-slope /  
Descent Gait Assistance
- 
- (71) Boland, M.  
(21) 2025906105 (22) 07.12.2025  
(54) General Structural Cognition Engine  
(GSCE)
- 
- (71) Boss Engineering Pty Ltd  
(21) 2025906131 (22) 08.12.2025  
(54) A METERING UNIT AND AN AIR  
CART
- 
- (71) Boulos & Cooper Pty Ltd  
(21) 2025906041 (22) 05.12.2025  
(54) IPXchange: Comprehensive Intelligent  
IP Asset Marketplace Platform with Uni-  
fied Buyer-Seller Experience, Auto-  
mated Six-Stage Transaction Orches-  
tration, AI-Powered Valuation, Dynam-  
ic Pricing Optimization, Seller Reputa-  
tion Networks, Predictive Deal Suc-  
cess Scoring, Revenue Share Agree-  
ments, Integrated IP Insurance & Finan-  
cing, Advanced Due Diligence Analys-  
is, White-Label Capabilities, and Block-  
chain Verification
- 
- (71) Broeglin, D.  
(21) 2025906068 (22) 05.12.2025  
(54) A Medical Device
- 
- (71) BT Imaging Pty Ltd  
(21) 2025906051 (22) 05.12.2025  
(54) Method and system for characterising a  
solar cell
- 
- (71) Bubbi & Co  
(21) 2025906129 (22) 08.12.2025  
(54) A Temperature-Retaining Collar and ac-  
cessories for Tumblers and vacuum-in-  
sulated stainless steel containers.
- 
- (71) Bulugudu Limited  
(21) 2025906061 (22) 05.12.2025  
(54) Biomass Treatment Process
- 
- (71) C&A Holdings Group Pty Ltd Pty Ltd  
(21) 2025905994 (22) 03.12.2025  
(54) Silicone Storage Caddy
- 
- (71) Capelli, M.  
(21) 2025906149 (22) 09.12.2025  
(54) Modular Waterproof Backpack System  
with Integrated Wet-Dry Separation,  
Insulated Storage, Structural Panels,  
Multi-Mount Interfaces and Adaptive  
External and Internal Storage Assem-  
blies
- 
- (71) Charet, B.  
(21) 2025906027 (22) 04.12.2025  
(54) Shade Canopy System for an Inflatable  
Ring
- 
- (71) Chattrly.AI Pty Ltd  
(21) 2025906038 (22) 05.12.2025  
(54) Computer-Implemented Method for  
Session-Scoped Clinical Data Orches-  
tration, Canonicalisation, and Gov-  
ernance
- 
- (71) chisholm, s.; CHISHOLM, S.  
(21) 2025906139 (22) 08.12.2025  
(54) Food-grade dissolvable pod containing  
a non-alcoholic liquid flavour composi-  
tion
- 
- CHISHOLM, S. see chisholm, s.**  
(21) 2025906139
- 
- (71) Cleggett, R.  
(21) 2025906044 (22) 05.12.2025  
(54) Apparatus for protecting a structure  
from fire or for extinguishing a structure  
on fire
- 
- (71) collado, d.  
(21) 2025906101 (22) 07.12.2025  
(54) Seeded Growth Medium with Stable  
Spatial Seed Distribution
- 
- (71) Colson, M.  
(21) 2025906083 (22) 07.12.2025  
(54) Modular Temporary Fencing Panel  
with Symmetrical Aerodynamic Profiles

Provisional Applications Filed - Name Index cont'd

Providing High Visual Privacy and Bi-Directional Wind Permeability

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2025906014 (22) 04.12.2025  
(54) Apparatus and method for magnetic resonance measurement

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2025906045 (22) 05.12.2025  
(54) Electrochemical flow reactor

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2025906046 (22) 05.12.2025  
(54) Low-Temperature Depolymerisation of Polymers

(71) Commonwealth Scientific and Industrial Research Organisation  
(21) 2025906064 (22) 05.12.2025  
(54) Low-Temperature Depolymerisation of Polymers

(71) Cook, S.  
(21) 2025906137 (22) 08.12.2025  
(54) Electromagnetic Conversion System for Reciprocating Internal Combustion Engines

(71) Cortes, C.  
(21) 2025906098 (22) 07.12.2025  
(54) Modular High Power Space Based Solar Power Satellite System with Dual Starship Deployment and Grazing Compatible Ground Rectenna for Pilbara First Energy Delivery

(71) D&T Future Enterprises Pty Ltd  
(21) 2025906117 (22) 08.12.2025  
(54) TOOL FOR MASONRY

(71) Dahdah, M.  
(21) 2025906047 (22) 05.12.2025  
(54) Downward-Angled Anti-Climb Barrier Plate for Preventing Crawling and Climbing Pests from Ascending Beehive Stands

(71) Dahdah, M.  
(21) 2025906113 (22) 08.12.2025  
(54) Downward-Angled Anti-Climb Barrier Plate for Preventing Crawling and Climbing Pests from Ascending Beehive Stands

(71) Denison, J.  
(21) 2025906095 (22) 07.12.2025  
(54) Shipping Container Moving Frames

(71) Di Carlo, M.  
(21) 2025906175 (22) 09.12.2025  
(54) Tool

Dutta, R. see Gupta, A.  
(21) 2025905713

(71) Ecovara Pty Ltd  
(21) 2025905989 (22) 03.12.2025  
(54) Pest Control Device

(71) El Charkaoui, F.  
(21) 2025905991 (22) 03.12.2025  
(54) FORMWORK FOR STRUCTURAL COLUMNS

(71) Elkaffas, M.  
(21) 2025906071 (22) 05.12.2025  
(54) Elkaffas Global Voltage Principle (EGVP): Impedance-Phase Temporality and the Global Voltage State for Non-Local Electromagnetic Response and Ultra-Fast Causal Sensing

(71) ENGELHARD, T.  
(21) 2025906114 (22) 08.12.2025  
(54) MAGNETIC PIECES FOR USE IN A TOY BUILDING SET

(71) Erkocu, H.  
(21) 2025905976 (22) 02.12.2025  
(54) HIAS – Harmonic Information Adaptive System V36B + S2 — FINAL SPECIFICATION

(71) Evans, C.  
(21) 2025905978 (22) 02.12.2025  
(54) Amorphous Alloy Spring Closed Wristband

(71) Ewan, G.  
(21) 2025906066 (22) 05.12.2025  
(54) Fully Transparent 100% Waterproof Clothesline Cover that Provides Rain Protection, Stops UV Damage, Supports Natural-Airflow Drying, Has a Secure Permanent-or-Removable Under-Wrap Attachment System And Neat Over-Line Appearance

(71) Fillit  
(21) 2025906028 (22) 04.12.2025  
(54) Non-electric three-mode water-saving shower device

(71) Flinders University  
(21) 2025906065 (22) 05.12.2025  
(54) NEW METHODS OF SULFUR METATHESIS

(71) Flynn, G.  
(21) 2025906152 (22) 09.12.2025  
(54) Underwater Support

(71) Fonterra Co-operative Group Limited  
(21) 2025906053 (22) 05.12.2025  
(54) Methods and systems for modelling formulations of consumable products

(71) Frelk Industries Pty Ltd  
(21) 2025906123 (22) 08.12.2025  
(54) A Bevelling Apparatus

(71) Gabalo Services  
(21) 2025906000 (22) 03.12.2025  
(54) A universal tethered cap system for beverage containers, featuring a dual-flex hinge, rotational movement path and snap-retain rail that allows the cap to remain attached and park securely during use. Compatible with standard screw caps, pull-up sports nozzles, twist nozzles and universal sports spouts across bottle-neck diameters from 20–55 mm. Provides hygiene protection and supports attached-cap regulatory compliance.

(71) Gallagher, G.  
(21) 2025906133 (22) 08.12.2025  
(54) Methods and Systems for Stabilising Recursive Computational Processes Using Spectral Operators

(71) Gelion Technologies Pty Ltd  
(21) 2025906056 (22) 05.12.2025  
(54) Ex situ metalation

(71) Gittens Pty Ltd  
(21) 2025906032 (22) 04.12.2025  
(54) A CADDIE FOR MARINE VESSELS

Gleeson, T. see Battams, D.  
(21) 2025906002

(71) GUO, Q.  
(21) 2025906072 (22) 05.12.2025  
(54) Solid-state Switch

(71) GUO, Q.  
(21) 2025906136 (22) 08.12.2025  
(54) Solid-State Switch

(71) Gupta, A.; Dutta, R.  
(21) 2025905713 (22) 22.11.2025  
(54) Customer rewards program based on palm vein scan biometric technology to identify the customer anonymously with their scanned palm vein biometric data

Provisional Applications Filed - Name Index cont'd

and the customer rewards program is based on the identification of customer based on palm vein biometric scan.	(71) Illinois Tool Works Inc. (21) 2025906058 (22) 05.12.2025 (54) Guide	(71) Lamers, S. (21) 2025906106 (22) 07.12.2025 (54) Power ring spanner
(71) Haseldine, R. (21) 2025906086 (22) 07.12.2025 (54) Cognitive Operating System for Modular Artificial Intelligence Environments	(71) INTERCEPT THERAPEUTICS PTY LTD (21) 2025906119 (22) 08.12.2025 (54) VIRUS DECOY	(71) Li, R. (21) 2025906112 (22) 08.12.2025 (54) Systems and Methods for Governance Literacy, Distributed Microunit Event Logging, and Multimodal Regulatory Communication Across Institutional Networks
(71) Heavy Mobile Equipment Asset Specialists Pty Ltd (21) 2025906043 (22) 05.12.2025 (54) Systems and Methods for Image-Based Part Selection, Condition Coding, and Work Order Generation	(71) Israel, G. (21) 2025906169 (22) 09.12.2025 (54) Retro-Fitted Energy Harvesting Device for Consumer Trailers and Caravans	(71) Livingston, R. (21) 2025905979 (22) 02.12.2025 (54) Tri-Layer Co-Axial Conduit with End-Only Bonding and Calibrated Radial Electrical Leakage for Neuromuscular Regeneration
(71) HILL, A. (21) 2025906052 (22) 05.12.2025 (54) JOIST TRAY	(71) Jahangiri golshavari, Y. (21) 2025906080 (22) 06.12.2025 (54) Multi-Tier Predictive Safety System and Method for Electrochemical Energy Storage Devices Using Self-Tuning Physics-Informed Neural Networks and Non-Rest Thermodynamic Precursors	(71) Livingston, R. (21) 2025905983 (22) 03.12.2025 (54) Biogenic Hollow Strontium-Substituted Vaterite-Oxalate Platelets with UV-Induced Refractive Index Modulation for Adaptive Electromagnetic Shielding and Topical Cosmetic Applications
(71) ho, D. (21) 2025905984 (22) 03.12.2025 (54) AGI Core Architecture Integrating Random Antenna, Chaos Substrate, Fractal $\Delta$ Trace, and Consensus Jumps: wiseNature	(71) James Hardie Technology Limited (21) 2025906006 (22) 04.12.2025 (54) BUILDING PRODUCTS	(71) Livingston, R. (21) 2025905985 (22) 03.12.2025 (54) Cryptographic Beacon-Seeding and Deterministic Correctness Caching for Verified Language Model Outputs
(71) HOODBURGER PTY LTD (21) 2025906020 (22) 04.12.2025 (54) Cooking Implement With Outward-Angled Perimeter for Forming Crispy-Edge Burger Patties	(71) JAYARAM, N. (21) 2025906134 (22) 08.12.2025 (54) LNG Powered AI Computer Data Center	(71) Livingston, R. (21) 2025906010 (22) 04.12.2025 (54) High-Altitude Buoyancy and Oxygen Vest
Howlett, K. see Howlett, C. (21) 2025906013	(71) Johnson, M. (21) 2025905990 (22) 03.12.2025 (54) A golf course	(71) Livingston, R. (21) 2025906048 (22) 05.12.2025 (54) Thermodynamic Impossibility Refutation Systems for Eliminating Physically Impossible Claims in Artificial Intelligence, Optimisation, and High-Stakes Decision Systems
(71) Howlett, C.; Howlett, K. (21) 2025906013 (22) 04.12.2025 (54) "This provisional application provides priority for a computational method discovering fundamental physical constant $\kappa=3.0$ through manifold alignment of quantum field theory and general relativity representations."	(71) Jordan, C. (21) 2025906104 (22) 07.12.2025 (54) Compact Portable fillable battle rope with one-way fill valve and handle drain valves.	(71) Lyford, J. (21) 2025906100 (22) 07.12.2025 (54) Subscription management platform
(71) Howlett, C. (21) 2025906102 (22) 07.12.2025 (54) The theory of k and unitivity	(71) Kornaus, D. (21) 2025906076 (22) 06.12.2025 (54) SYSTEM AND METHOD FOR REAL-TIME PHYSIOLOGICAL OPTIMISATION OF HUMAN MOVEMENT USING PERTURBATION-BASED CONTROL WITH HEART-RATE-ONLY OR MULTI-SENSOR INPUTS	(71) Macdonald, J. (21) 2025906156 (22) 09.12.2025 (54) Floating Solar-Thermal Nanobubble Generator with Internal Ballast-Based Sun Tracking
(71) Hughes, T. (21) 2025906007 (22) 04.12.2025 (54) Integrated Digital Resource Transformation and Sovereign Liquidity Framework	(71) Lam, T.T. (21) 2025906115 (22) 08.12.2025 (54) RENEWABLE ENERGY SYSTEMS AND DEPLOYABLE STRUCTURAL PLATFORMS FOR ORBITAL AND DISTRIBUTED NETWORK INFRASTRUCTURE	(71) Magic Dock Pty Ltd (21) 2025906017 (22) 04.12.2025 (54) Hull Protection System
(71) Illinois Tool Works Inc. (21) 2025906057 (22) 05.12.2025 (54) Applicator		

Provisional Applications Filed - Name Index cont'd

(71) Makanda, T.  
 (21) 2025906140 (22) 08.12.2025  
 (54) BioChromatic Intergrated Cosmetic-TechnologyPlatform Including:AURA Pod,Precisoin RefillCapsules,BioForm Nails,Forever Bottle,Water Assisted Release,Bio Safe Perfomance Colour and BioChromatic App Ecosystem

(71) Makanda, T.; Munyanyi Makanda, P.  
 (21) 2025906142 (22) 09.12.2025  
 (54) TRIPLE -TECH LIP PLUMPING SYSTEM AND COSMETIC FORMULATION USING NON-IRRITANT MULTI-MECHANISM PLUMPING TECHNOLOGY

(71) Makanda, T.; Munyanyi Makanda, P.  
 (21) 2025906143 (22) 09.12.2025  
 (54) Biotechnology-Enhanced Functional Beverage Incorporating Multi-Core Microencapsulation Delivery System-BIOCHAIN ONE

(71) Makanda, T.; Munyanyi Makanda, M.P.  
 (21) 2025906144 (22) 09.12.2025  
 (54) LOVE BORN™: Integrated Emotional Technology System for Enhancing, Preserving, and Ritualising Human Emotional Connection.

(71) Makanda, T.; Munyanyi Makanda, M.P.  
 (21) 2025906145 (22) 09.12.2025  
 (54) CAFFELINE-Methods and Systems for Converting Spent Coffee Grounds into Functional Biomaterials, Bioplastics, Vegan Leather, and Energy Storage Carbon for Multi#Industry Applications

(71) Makanda, T.; Munyanyi Makanda, M.P.  
 (21) 2025906146 (22) 09.12.2025  
 (54) SYSTEMS AND METHODS FOR PROVIDING PERSONAL SOVEREIGNTY, PRIVACY, ANTI-SURVEILLANCE, LIQUIDITY GENERATION, DIGITAL CONTINUITY AND IDENTITY PROTECTION FOR ULTRA-HIGH-NET-WORTH INDIVIDUALS

(71) Marschall, M.  
 (21) 2025906060 (22) 05.12.2025  
 (54) GROUND DRIVEN SUPERCHARGER SYSTEM FOR VEHICLES

(71) MB ZAYED INVESTMENTS PTY LTD  
 (21) 2025906079 (22) 06.12.2025  
 (54) Clean Infant Formula Compositions Free of Seed Oils, Fillers and Synthetic Additives, Prepared Without Heat Denaturation or Ultra-Processing to Retain Native Bioactives, Comprising Hydrolysed Ruminant Meat Protein and, Optionally, Mammalian Milk and/or Colostrum, Animal-Derived Cholesterol and Lipid Sources Selected from

Egg Yolk, Coconut Oil, Olive Oil, Medium-Chain Triglycerides, Hemp Seed Oil and Chia Seed-Derived Components, Organ-Derived Bioavailable Vitamins, Coconut-Derived and Natural Carbohydrate Sources Including Date and Maple-Derived Sweeteners, Methods Using Only High-Pressure Pro

(71) McMahon, J.  
 (21) 2025905967 (22) 02.12.2025  
 (54) Fluid Mechanics System B1

(71) Midtop Research Labs Pty Ltd  
 (21) 2025906116 (22) 08.12.2025  
 (54) TOPICAL HAIR GROWTH COMPOSITIONS AND METHOD

(71) Min, B.W.  
 (21) 2025906097 (22) 07.12.2025  
 (54) Ultra-Premium Low-Alcohol Fortified Wine Obtained by Prolonged Low-Power 40 kHz Ultrasonic Aging of High-Alcohol Red Wine or Shiraz with High-Dosage Jaggery Addition, and Method for Preparing the Same

(71) MiND Biosciences Pty Ltd  
 (21) 2025906033 (22) 04.12.2025  
 (54) DETECTION OF AMYOTROPHIC LATERAL SCLEROSIS OR MOTOR NEURON DISEASE (I)

(71) MiND Biosciences Pty Ltd  
 (21) 2025906034 (22) 04.12.2025  
 (54) DETECTION OF AMYOTROPHIC LATERAL SCLEROSIS OR MOTOR NEURON DISEASE (II)

(71) MJP Group australia pty ltd  
 (21) 2025906135 (22) 08.12.2025  
 (54) Integrated Method for Processing Bauxite Residue into Iron Products, Refractory Feedstocks, and Low-Carbon Energy Materials

(71) Morton, M.  
 (21) 2025906022 (22) 04.12.2025  
 (54) Hair-Collection Grooming Tray Assembly and Methods of Grooming Above a Sink (Shave Tray)

**Munyanyi Makanda, P. see Makanda, T.**  
 (21) 2025906142

**Munyanyi Makanda, P. see Makanda, T.**  
 (21) 2025906143

**Munyanyi Makanda, M.P. see Makanda, T.**  
 (21) 2025906144

**Munyanyi Makanda, M.P. see Makanda, T.**  
 (21) 2025906145

**Munyanyi Makanda, M.P. see Makanda, T.**  
 (21) 2025906146

(71) Muthsam, S.  
 (21) 2025906157 (22) 09.12.2025  
 (54) Integrated Heated Soak-Tank Drawer System for Ovens

(71) Myrio Therapeutics Pty Ltd  
 (21) 2025906008 (22) 04.12.2025  
 (54) Binding agents for KRAS G12V peptide-MHC complex

**Nedeljkovic, A. see A&CO INDUSTRIES PTY LTD**  
 (21) 2025906003

(71) Nesci, M.  
 (21) 2025906124 (22) 08.12.2025  
 (54) PROCESS OF PUMPING WATER LONG DISTANCES USING RENEWABLE 24/7

(71) newman, k.  
 (21) 2025906015 (22) 04.12.2025  
 (54) JokeTime

(71) O'Mahoney, C.  
 (21) 2025906030 (22) 04.12.2025  
 (54) Computer-Implemented Appointment Scheduling System and Method

(71) O'Neill, D.  
 (21) 2025905981 (22) 03.12.2025  
 (54) Ultra-Thin Motion Platform for Support Surfaces with Multi-Actuator Independent Control and Real-Time Safety Monitoring

(71) Oliver, B.; Sexton, S.  
 (21) 2025905993 (22) 03.12.2025  
 (54) A method for presenting an oil based mosquito repellent

(71) Open Minded Enterprises Pty Ltd  
 (21) 2025906026 (22) 04.12.2025  
 (54) Helmet

(71) Owusu Ansah, B.  
 (21) 2025906001 (22) 03.12.2025  
 (54) Torus: Torus-Shaped Insulated Water Bottle with Wearable Bag, Removable Strap, Modular Clip, and Versatile Storage

Provisional Applications Filed - Name Index cont'd

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(71) Page, M.  
 (21) 2025906012 (22) 04.12.2025  
 (54) System and Method for Licensing and Governing AI-Generated Personas

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(71) Pain, R.  
 (21) 2025906127 (22) 08.12.2025  
 (54) SYSTEMS AND METHODS FOR STRATEGY GENOMES AND PATTERN BASED EVOLUTIONARY GUIDANCE IN A GOVERNED ENTREPRENEURSHIP OPERATING SYSTEM

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(71) Pain, R.  
 (21) 2025906128 (22) 08.12.2025  
 (54) SYSTEMS AND METHODS FOR MULTI DIMENSIONAL BUSINESS HEALTH AND FOCUS MODE ALIGNED RECOMMENDATIONS IN A GOVERNED ENTREPRENEURSHIP PLATFORM

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(71) Palakal, J.  
 (21) 2025906158 (22) 09.12.2025  
 (54) JestPump

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(71) PANOSSIAN, A.  
 (21) 2025906125 (22) 08.12.2025  
 (54) Conveyance for building and garden materials

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(71) Pathan, A.  
 (21) 2025906109 (22) 08.12.2025  
 (54) Real-Time Behavioural Threat Detection System for High-Security Environments

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(71) Pavino, H.  
 (21) 2025906121 (22) 08.12.2025  
 (54) DAJ: Double Acting Jackhammer

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(71) Pelican Patch  
 (21) 2025906081 (22) 06.12.2025  
 (54) The invention is an elastic, tension-based retention band designed to hold an electronic tracking device, such as an AirTag, without the need for a rigid casing. Using a one-piece silicone construction, the band secures the device in place and enables quick attachment and removal across a wide range of items, including cables, accessories, personal objects, and wearables.

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(71) PENZA, J.  
 (21) 2025906148 (22) 09.12.2025  
 (54) Hay Net Master

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(71) Ponce, J.  
 (21) 2025905980 (22) 03.12.2025  
 (54) System and Method for Dynamic Context-Aware Augmentation of Clinical Documentation via Real-Time Financial Impact Rendering and Semantic Gap Detection

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(71) Ponce, J.  
 (21) 2025906040 (22) 05.12.2025  
 (54) System and Method for Browser-Based Obfuscation of Protected Health Information in Clinical Documents Prior to Cloud AI Processing

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(71) Ponce, J.  
 (21) 2025906082 (22) 06.12.2025  
 (54) Hardware-Bound Agentic AI System for Clinical Documentation with Evidence-Grounded Extraction and Autonomous Query Orchestration

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(71) Ponce, J.  
 (21) 2025906084 (22) 07.12.2025  
 (54) Universal Healthcare Terminology Bridge with Semantic Disambiguation, Syntactic Normalization, and Automated Version Migration

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(71) Ponce, J.  
 (21) 2025906087 (22) 07.12.2025  
 (54) Graph-Based Ontology Transition Engine for ICD-11 Foundation Component Migration with Bi-Directional Cluster Mapping

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(71) Ponce, J.  
 (21) 2025906088 (22) 07.12.2025  
 (54) Distributed Multi-Agent Clinical Coding System with Byzantine Fault Tolerant Consensus

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(71) Ponce, J.  
 (21) 2025906089 (22) 07.12.2025  
 (54) Autonomous Revenue Defense System with Denial Appeal Generation, Prior Authorization Prediction, and Contract Compliance Monitoring

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(71) Ponce, J.  
 (21) 2025906090 (22) 07.12.2025  
 (54) Patient-Revenue Intelligence System with Financial Engagement, Fraud Detection, Telehealth Billing, Quality Measures, and Eligibility Verification

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(71) Ponce, J.  
 (21) 2025906091 (22) 07.12.2025  
 (54) Privacy-Preserving Healthcare Revenue Cycle Operating System with Multi-Layer Cryptographic Protection, Byzantine-Resilient Federated Learning,

and Trustless Multi-Party Revenue Adjudication

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(71) Ponce, J.  
 (21) 2025906092 (22) 07.12.2025  
 (54) Byzantine Fault Tolerant Federated Learning System for Privacy-Preserving Healthcare Revenue Cycle Optimization with Adversarial Gradient Aggregation, Zero-Knowledge Model Updates, and Revenue Certainty Score Output

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(71) Ponce, J.  
 (21) 2025906093 (22) 07.12.2025  
 (54) Differential Privacy System for Healthcare Revenue Cycle AI Training with Adaptive Noise Calibration, Healthcare-Specific Sensitivity Analysis, and Multi-Jurisdictional Privacy Compliance Certification

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(71) Ponce, J.  
 (21) 2025906094 (22) 07.12.2025  
 (54) Homomorphic Encryption System for Privacy-Preserving Healthcare AI Inference with CKKS Scheme Optimization, Bootstrapping, Weight Quantization, and Revenue Certainty Score Computation

---

(71) Ponce, J.  
 (21) 2025906096 (22) 07.12.2025  
 (54) Secure Multi-Party Computation System for Trustless Healthcare Revenue Cycle Collaboration with Shamir Secret Sharing, Garbled Circuit Adjudication, and Revenue Certainty Score Output

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(71) ProbeLogic Pty Ltd  
 (21) 2025906130 (22) 08.12.2025  
 (54) Subsea Low-Power Acoustic Modem Using FPGA-Based Signal Processing

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(71) Propanc Pty Ltd  
 (21) 2025905964 (22) 02.12.2025  
 (54) Methods of treating resistant cancer

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(71) Propanc Pty Ltd  
 (21) 2025905965 (22) 02.12.2025  
 (54) Methods of treating diseases

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(71) Purification Technologies Group Pty Ltd  
 (21) 2025906063 (22) 05.12.2025  
 (54) PURIFICATION PROCESS AND SYSTEM

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(71) Puthiaparampil, C.; ADS PAY ALL PTY LTD  
 (21) 2025906078 (22) 06.12.2025  
 (54) CLOSE TO ZERO#EXTERNAL#NOISE MODULAR PARTY AND WELLNESS

Provisional Applications Filed - Name Index cont'd

POD WITH CAPACITY CONTROL  
AND MULTI#MODE INTERIOR

(71) QBiotech Pty Ltd  
(21) 2025905968 (22) 02.12.2025  
(54) NOVEL PROCESSES AND COM-  
POUNDS PRODUCED THEREBY

(71) Qualia Tech Pty Ltd  
(21) 2025906077 (22) 06.12.2025  
(54) Quantum-Enhanced Immersive  
Nervous System Regulation System  
with Multimodal Biosensing, Neuro-  
chemical Detection, and Adaptive AI  
Co-Regulation

(71) Ramadan, R.  
(21) 2025906054 (22) 05.12.2025  
(54) Two-Layer Wheelchair Hygiene Pro-  
tection System with Waterproof Covers  
and Disposable Absorbent Liners

(71) Regent RV Pty Ltd  
(21) 2025906173 (22) 09.12.2025  
(54) A Suspension System for a Caravan

(71) Rekcutech Industries Pty LTD  
(21) 2025906004 (22) 03.12.2025  
(54) Sealing cap assembly for SAE Code  
61, Code 62, and CAT-style hydraulic  
flange fittings

**ResMed Asia Pte. Ltd. see RESMED PTY  
LTD**  
(21) 2025906019

**ResMed Corp. see RESMED PTY LTD**  
(21) 2025906019

(71) RESMED PTY LTD; ResMed Corp.;  
ResMed Asia Pte. Ltd.  
(21) 2025906019 (22) 04.12.2025  
(54) NEUROMODULATION FOR SLEEP  
MANAGEMENT

(71) Ricciardo, G.G.  
(21) 2025906029 (22) 04.12.2025  
(54) Construction systems and construction  
elements

(71) Roach Enterprises Pty Ltd  
(21) 2025906016 (22) 04.12.2025  
(54) Locking Collar and uses thereof

(71) Robinson, P.  
(21) 2025906062 (22) 05.12.2025  
(54) Smart Polish

(71) Roto (Australia) Pty Ltd  
(21) 2025906023 (22) 04.12.2025  
(54) Coffee Preparation Machine

**Ryan, D. see Strachan, T.**  
(21) 2025906011

(71) Sadirdin, N.  
(21) 2025905982 (22) 03.12.2025  
(54) Invention Title: Environmentally Friendly  
Disposable Flushable Paper Anti-  
Splash Urine Guide Tube for Male Toi-  
letting, Featuring a Degradable Paper  
Material that Dissolves Quickly in Wa-  
ter and Prevents Clogging of Plumb-  
ing, Ensuring Cleanliness and Environ-  
mental Friendliness. Invention Descrip-  
tion: This product is made from degrad-  
able paper material and is designed for  
single use. After use, it can be directly  
flushed down the toilet, dissolving rap-  
idly in water without causing any block-  
ages. Its foldable design makes it easy  
to carry and store, and when unfolded,  
it effectively guides t

(71) Safe Gauge Pty Ltd  
(21) 2025906059 (22) 05.12.2025  
(54) An improved hydraulic testing device

(71) Scott, L.  
(21) 2025905988 (22) 03.12.2025  
(54) A laboratory storage system

(71) Scottney-Turbill, R.  
(21) 2025906154 (22) 09.12.2025  
(54) The present invention, referred to as  
"Tea Mate", relates to beverage prepar-  
ation accessories, and more particularly  
to a clip-on container device for holding  
milk or cream that attaches to the rim  
of a tea cup or mug, featuring a hinged  
mechanism that allows the container  
to swing over the cup and dispense its  
contents by tipping

**Sexton, S. see Oliver, B.**  
(21) 2025905993

(71) Shang, P.  
(21) 2025906067 (22) 05.12.2025  
(54) Interaction Method Between Humans  
and Large Language Models for Com-  
plex Events and Case Analysis Based  
on Multiple-Choice Inputs and Continu-  
ous Bidirectional Dialogue

(71) Smart swap  
(21) 2025906147 (22) 09.12.2025  
(54) Emotion-Responsive Interactive Learn-  
ing Ball with Adaptive LED Display and  
AI Voice Interaction.

(71) Snowden, T.  
(21) 2025906031 (22) 04.12.2025  
(54) Boundary-Layer Control Surface

(71) SofiaSante Pharmaceuticals (Australia)  
Pty Limited  
(21) 2025906151 (22) 09.12.2025  
(54) Dual-Function Structural and Pharma-  
cokinetic Enhancement Platforms for  
Amylin and DACRA Analogs

(71) Stockl, P.  
(21) 2025906055 (22) 05.12.2025  
(54) STANDALONE AUTOPOIETIC ADDIT-  
IVE MANUFACTURING MODULE FOR  
SELF-MAINTAINING MATERIAL PRO-  
CESSING SYSTEMS

(71) Stokes, M.  
(21) 2025906132 (22) 08.12.2025  
(54) SYSTEMS AND METHODS FOR EX-  
PLICIT COMPOSITIONAL REASON-  
ING IN A CONTINUOUS-PRESENT  
COGNITIVE ARCHITECTURE

(71) Strachan, T.; Ryan, D.  
(21) 2025906011 (22) 04.12.2025  
(54) CraneMate: Multi#Function Rigger and  
Dogman Handheld Command Device  
with Integrated Push#to#Talk Two#Way  
Radio, Positional Job State Transmis-  
sion, Mobile Lift#Planning Application,  
and Crane Operator Guidance Architec-  
ture

(71) SUPER CROWN PTY. LTD.  
(21) 2025906070 (22) 05.12.2025  
(54) A Liquid Phyto-Complex Formulation  
for Male Vitality, Hormonal Regulation  
and Sexual Function Support

(71) SUPER CROWN PTY. LTD.  
(21) 2025906126 (22) 08.12.2025  
(54) IMMUNO-ENHANCING LIQUID COM-  
POSITION FOR ORAL CONSUMP-  
TION

(71) Tait, C.  
(21) 2025906021 (22) 04.12.2025  
(54) Rear dump truck tray stand

(71) Thapa, S.  
(21) 2025906141 (22) 08.12.2025  
(54) A System and Method for Converting  
Merchant-Funded Cashback and Re-  
wards Into Universal Digital Credits for  
Automated Investment Using Card-  
Linked Transactions and Proportional  
Deduction Mechanisms.

Provisional Applications Filed - Name Index cont'd

<p>(71) THIRDPAW (21) 2025906103 (22) 07.12.2025 (54) Binder-Free Plant-Based Clumping Cat Litter Composition with Natural Odour-Neutral Properties</p> <hr/> <p>(71) Thorley, J. (21) 2025905995 (22) 03.12.2025 (54) A system for multi-dimensional scheduling using a 2-D many-to-many mapping interface, temporal availability grids, calendar exception masks and compact term codes. A deterministic composite-availability engine ensures conflict-free allocation. A daily session ledger records per-date assignments and substitutions. A simulation-based drag-and-drop engine enables reversible, constraint-aware modifications with integrated relief management.</p> <hr/> <p>(71) Titan Adventure Pty Ltd (21) 2025906035 (22) 04.12.2025 (54) Custom Vehicle Guard</p> <hr/> <p>(71) Todd, I. (21) 2025905986 (22) 03.12.2025 (54) COHERENCE GATE COMPUTING: CODE FORMATION VIA CONTROLLED DIMENSIONALITY COLLAPSE IN REGISTRATION-RATE BUDGETED OSCILLATOR ARRAYS</p> <hr/> <p>(71) Todd, I. (21) 2025905987 (22) 03.12.2025 (54) COHERENCE GATE COMPUTING: CODE FORMATION VIA CONTROLLED DIMENSIONALITY COLLAPSE IN REGISTRATION-RATE BUDGETED OSCILLATOR ARRAYS</p> <hr/> <p>(71) Todd, I. (21) 2025906036 (22) 04.12.2025 (54) BRAIN RATE VARIABILITY MEASUREMENT APPARATUS AND METHODS FOR NEUROLOGICAL STATE ASSESSMENT AND THERAPEUTIC MONITORING</p> <hr/> <p>(71) Todd, I. (21) 2025906085 (22) 07.12.2025 (54) THERMODYNAMICALLY OPTIMIZED COHERENCE COMPUTING: ENFORCEMENT OF THE DIMENSIONAL LANDAUER BOUND VIA REGISTRATION-RATE BUDGETING IN OSCILLATOR ARRAYS</p> <hr/> <p>(71) Todd, I. (21) 2025906099 (22) 07.12.2025 (54) Photonic Implementation of Coherence-Based Computing Using Controlled Phase Dynamics, Dimensional</p>	<p>Bottlenecks, and Expectation-Biased Stochastic Resonance</p> <hr/> <p>(71) UON Pty Ltd (21) 2025905963 (22) 02.12.2025 (54) Dual voltage variable speed drive</p> <hr/> <p>(71) Urra, M. (21) 2025905992 (22) 03.12.2025 (54) Spare Tyre Alternative</p> <hr/> <p>(71) Vucic, P. (21) 2025905999 (22) 03.12.2025 (54) System and Method for Verifiable Credential Provenance Using Whitelisted Issuers and Immutable Lifecycle Records</p> <hr/> <p>(71) Waikare Minerals Ltd (21) 2025906166 (22) 09.12.2025 (54) METHOD AND APPARATUS FOR COLLECTING MATERIALS IN AN AQUEOUS ENVIRONMENT</p> <hr/> <p>(71) Walters, J.E. (21) 2025906150 (22) 09.12.2025 (54) EXTRACT</p> <hr/> <p>(71) Ward, B. (21) 2025905996 (22) 03.12.2025 (54) Memory Archiving System (MAS)</p> <hr/> <p>(71) Ward, B. (21) 2025905997 (22) 03.12.2025 (54) Dual-Context Volitional Internalization Layer (DC-VIL)</p> <hr/> <p>(71) Wave Swell Energy Limited (21) 2025906042 (22) 05.12.2025 (54) A WAVE ENERGY EXTRACTION SYSTEM</p> <hr/> <p>(71) Wong, M. (21) 2025906168 (22) 09.12.2025 (54) ClinicQ: AI-Assisted Clinical Workflow Automation and Documentation System</p> <hr/> <p>(71) Wood, P. (21) 2025906138 (22) 08.12.2025 (54) ADAPTIVE CONVERSATIONAL AI PLATFORM WITH HISTORICALLY-GROUNDED PERSONA INTERACTIONS AND FLOURISHING-ORIENTED OPTIMIZATION</p> <hr/> <p>(71) Zayas, J. (21) 2025906069 (22) 05.12.2025 (54) Computer-Implemented System and Method for Automated Functional</p>	<p>Data-Driven Decision Support, Tier Allocation, and Cross-Sector Referral</p>
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2025905713	Gupta, A.; Dutta, R.	2025906036	Todd, I.
2025905876	BioPhamTech	2025906037	BLACK, S.
2025905963	UON Pty Ltd	2025906038	Chattrly.AI Pty Ltd
2025905964	Propanc Pty Ltd	2025906039	BLACK, S.
2025905965	Propanc Pty Ltd	2025906040	Ponce, J.
2025905967	McMahon, J.	2025906041	Boulos & Cooper Pty Ltd
2025905968	QBiotech Pty Ltd	2025906042	Wave Swell Energy Limited
2025905976	Erkocu, H.	2025906043	Heavy Mobile Equipment Asset Specialists Pty Ltd
2025905978	Evans, C.	2025906044	Cleggett, R.
2025905979	Livingston, R.	2025906045	Commonwealth Scientific and Industrial Research Organisation
2025905980	Ponce, J.	2025906046	Commonwealth Scientific and Industrial Research Organisation
2025905981	O'Neill, D.	2025906047	Dahdah, M.
2025905982	Sadirdin, N.	2025906048	Livingston, R.
2025905983	Livingston, R.	2025906049	Barry, J.
2025905984	ho, D.	2025906050	Barry, J.
2025905985	Livingston, R.	2025906051	BT Imaging Pty Ltd
2025905986	Todd, I.	2025906052	HILL, A.
2025905987	Todd, I.	2025906053	Fonterra Co-operative Group Limited
2025905988	Scott, L.	2025906054	Ramadan, R.
2025905989	Ecovara Pty Ltd	2025906055	Stockl, P.
2025905990	Johnson, M.	2025906056	Gelion Technologies Pty Ltd
2025905991	El Charkaoui, F.	2025906057	Illinois Tool Works Inc.
2025905992	Urra, M.	2025906058	Illinois Tool Works Inc.
2025905993	Oliver, B.; Sexton, S.	2025906059	Safe Gauge Pty Ltd
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2025905995	Thorley, J.	2025906061	Bulugudu Limited
2025905996	Ward, B.	2025906062	Robinson, P.
2025905997	Ward, B.	2025906063	Purification Technologies Group Pty Ltd
2025905998	Blackburn, B.	2025906064	Commonwealth Scientific and Industrial Research Organisation
2025905999	Vucic, P.	2025906065	Flinders University
2025906000	Gabalco Services	2025906066	Ewan, G.
2025906001	Owusu Ansah, B.	2025906067	Shang, P.
2025906002	Battams, D.; Gleeson, T.	2025906068	Broeglin, D.
2025906003	A&CO INDUSTRIES PTY LTD; Nedeljovic, A.	2025906069	Zayas, J.
2025906004	Rekcut Industries Pty LTD	2025906070	SUPER CROWN PTY. LTD.
2025906005	BLACK, S.	2025906071	Elkaffas, M.
2025906006	James Hardie Technology Limited	2025906072	GUO, Q.
2025906007	Hughes, T.	2025906073	Barry, J.
2025906008	Myrio Therapeutics Pty Ltd	2025906074	Barry, J.
2025906009	BLUE COLLAR GUARDIAN PTY LTD	2025906075	Barry, J.
2025906010	Livingston, R.	2025906076	Kornaus, D.
2025906011	Strachan, T.; Ryan, D.	2025906077	Qualia Tech Pty Ltd
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2025906015	newman, k.	2025906081	Pelican Patch
2025906016	Roach Enterprises Pty Ltd	2025906082	Ponce, J.
2025906017	Magic Dock Pty Ltd	2025906083	Colson, M.
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2025906019	RESMED PTY LTD; ResMed Corp.; ResMed Asia Pte. Ltd.	2025906085	Todd, I.
2025906020	HOODBURGER PTY LTD	2025906086	Haseldine, R.
2025906021	Tait, C.	2025906087	Ponce, J.
2025906022	Morton, M.	2025906088	Ponce, J.
2025906023	Roto (Australia) Pty Ltd	2025906089	Ponce, J.
2025906024	BioPhamTech	2025906090	Ponce, J.
2025906025	Balboa, V.	2025906091	Ponce, J.
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2025906029	Ricciardo, G.G.	2025906095	Denison, J.
2025906030	O'Mahoney, C.	2025906096	Ponce, J.
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2025906034	MiND Biosciences Pty Ltd	2025906100	Lyford, J.
2025906035	Titan Adventure Pty Ltd		

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2025906101 collado, d.  
2025906102 Howlett, C.  
2025906103 THIRDPAW  
2025906104 Jordan, C.  
2025906105 Boland, M.  
2025906106 Lamers, S.  
2025906107 BioPhamTech  
2025906108 BioPhamTech  
2025906109 Pathan, A.  
2025906110 BLACK, S.  
2025906111 BLACK, S.  
2025906112 Li, R.  
2025906113 Dahdah, M.  
2025906114 ENGELHARD, T.  
2025906115 Lam, T.T.  
2025906116 Midtop Research Labs Pty Ltd  
2025906117 D&T Future Enterprises Pty Ltd  
2025906118 Anderson, C.  
2025906119 INTERCEPT THERAPEUTICS PTY LTD  
2025906120 Barn Home Design and Build Pty Ltd  
2025906121 Pavino, H.  
2025906122 Amira, M.  
2025906123 Frelk Industries Pty Ltd  
2025906124 Nesci, M.  
2025906125 PANOSSIAN, A.  
2025906126 SUPER CROWN PTY. LTD.  
2025906127 Pain, R.  
2025906128 Pain, R.  
2025906129 Bubbi & Co  
2025906130 ProbeLogic Pty Ltd  
2025906131 Boss Engineering Pty Ltd  
2025906132 Stokes, M.  
2025906133 Gallagher, G.  
2025906134 JAYARAM, N.  
2025906135 MJP Group australia Pty Ltd  
2025906136 GUO, Q.  
2025906137 Cook, S.  
2025906138 Wood, P.  
2025906139 chisholm, s.; CHISHOLM, S.  
2025906140 Makanda, T.  
2025906141 Thapa, S.  
2025906142 Makanda, T.; Munyanyi Makanda, P.  
2025906143 Makanda, T.; Munyanyi Makanda, P.  
2025906144 Makanda, T.; Munyanyi Makanda, M.P.  
2025906145 Makanda, T.; Munyanyi Makanda, M.P.  
2025906146 Makanda, T.; Munyanyi Makanda, M.P.  
2025906147 Smart swap  
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2025906151 SofiaSante Pharmaceuticals (Australia) Pty Limited  
2025906152 Flynn, G.  
2025906153 Australasian Building Solutions (NZ) Pty Ltd  
2025906154 Scottney-Turbill, R.  
2025906156 Macdonald, J.  
2025906157 Muthsam, S.  
2025906158 Palakal, J.  
2025906161 Amira, M.  
2025906163 Amira, M.  
2025906164 Amira, M.  
2025906166 Waikare Minerals Ltd  
2025906168 Wong, M.  
2025906169 Israel, G.  
2025906173 Regent RV Pty Ltd  
2025906175 Di Carlo, M.

**Complete Applications Filed**

**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Dec 2025 .

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

<hr/> <p>(71) Abiomed, Inc. (21) 2025275213 (22) 04.12.2025 (54) Persistent perfusion sheath</p> <hr/> <p>(71) Acuitas Therapeutics, Inc. (21) 2025275287 (22) 05.12.2025 (54) Lipids for lipid nanoparticle delivery of active agents</p> <hr/> <p>(71) Aldous, S. (21) 2025275232 (22) 04.12.2025 (54) Bicycle Carrier Rack</p> <hr/> <p>(71) Alteogen, Inc (21) 2025275191 (22) 03.12.2025 (54) NOVEL HYALURONIC ACID-HYDROLYZING ENZYME VARIANT AND PHARMACEUTICAL COMPOSITION CONTAINING SAME</p> <hr/> <p>(71) Alvit LCS Pharma Ltd. (21) 2025275266 (22) 05.12.2025 (54) Fixed dose combination of cannabinoids and medical mushrooms for prevention and treatment of cancer, inflammatory or immune-mediated inflammatory diseases</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025275121 (22) 02.12.2025 (54) Game token money, method of manufacturing game token money, and inspection system</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2025275334 (22) 09.12.2025 (54) UNMANNED TRANSPORT SYSTEM</p> <hr/> <p>(71) Apple Inc. (21) 2025275277 (22) 05.12.2025 (54) Avatar integration with multiple applications</p> <hr/> <p>(71) Arbutus Biopharma Corporation (21) 2025279606 (22) 09.12.2025 (54) Targeted nucleic acid conjugate compositions</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2025275302 (22) 08.12.2025</p>	<p>(54) SYSTEMS AND METHODS FOR CONTROLLING THE RATE OF LANDING OF TARGET GAME PATTERNS IN AN RNG-DRIVEN GAMING ARCHITECTURE</p> <hr/> <p>(71) ARRIS Enterprises LLC (21) 2025275190 (22) 03.12.2025 (54) Methods and apparatus for generating and using dynamic profiles for cable transmission systems</p> <hr/> <p>(71) Arrowhead Pharmaceuticals, Inc (21) 2025275263 (22) 05.12.2025 (54) Targeting ligands</p> <hr/> <p>(71) Arvinas Operations, Inc. (21) 2025275145 (22) 03.12.2025 (54) CEREBLON LIGANDS AND BIFUNCTIONAL COMPOUNDS COMPRISING THE SAME</p> <hr/> <p>(71) AstraZeneca AB (21) 2025279598 (22) 09.12.2025 (54) METHODS OF TREATING HFPEF EMPLOYING DAPAGLIFLOZIN AND COMPOSITIONS COMPRISING THE SAME</p> <hr/> <p>(71) AVALYN PHARMA INC. (21) 2025275227 (22) 04.12.2025 (54) AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS AND USES THEREOF</p> <hr/> <p>(71) Avent, Inc. (21) 2025271578 (22) 02.12.2025 (54) Medical device position notification system</p> <hr/> <p>(71) Babcock IP Management (Number One) Limited (21) 2025275222 (22) 04.12.2025 (54) Systems and methods for immersive training experiences</p> <hr/> <p>(71) Bayer HealthCare LLC (21) 2025275249 (22) 04.12.2025 (54) Topical gel compositions of naproxen</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2025275142 (22) 02.12.2025</p>	<p>(54) HIGH THROUGHPUT MULTIOMICS SAMPLE ANALYSIS</p> <hr/> <p>(71) bioMérieux, Inc (21) 2025275303 (22) 08.12.2025 (54) Methods for confirming charged-particle generation in an instrument, and related instruments</p> <hr/> <p>(71) BLUE PRISM LIMITED (21) 2025275244 (22) 04.12.2025 (54) Data obfuscation</p> <hr/> <p>(71) BORAH, INC. (21) 2025275288 (22) 05.12.2025 (54) Chemical compounds</p> <hr/> <p>(71) Brown, L. (21) 2025275194 (22) 04.12.2025 (54) Boron-Nitride Truncated-Octahedral Nanocage Clusters (B##N##) and Endohedral Doped Derivatives Thereof for Superconducting, Sensing, Energy-Storage, and Electromagnetic Applications.</p> <hr/> <p>(71) Building IP Holdings Pty Ltd (21) 2025275261 (22) 05.12.2025 (54) Means for Assembly of Prefabricated Wall Panels</p> <hr/> <p>(71) Capital One Services, LLC (21) 2025275238 (22) 04.12.2025 (54) Using on-demand applications to generate virtual numbers for a contactless card to securely autofill forms</p> <hr/> <p><b>Carbone, N. see Convalo Capital Management</b> (21) 2025275160</p> <hr/> <p>(71) Caterpillar Inc. (21) 2025275179 (22) 03.12.2025 (54) Heavy duty shroud</p> <hr/> <p>(71) China Agricultural University (21) 2025275248 (22) 04.12.2025 (54) Method for Efficiently Extracting Sheep Serum Albumin Using Ethanol-Sodium Dihydrogen Phosphate Aqueous Two-Phase System</p>
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Complete Applications Filed - Name Index cont'd

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**China International Marine Containers (Group) Co., Ltd. see Guangdong CIMC Building Construction Co., Ltd.**  
(21) 2025279623

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**CIMC Containers (Group) Co., Ltd. see Guangdong CIMC Building Construction Co., Ltd.**  
(21) 2025279623

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(71) Cleland, J.  
(21) 2025275259 (22) 05.12.2025  
(54) "WISP" Weekly Incontinence Storage Product Silicone Hung on the back of doors with hook and pole. Width: 72cm Length:125cm Depth: 10cm 16 x 2sided zippered pouches Double sided to accommodate 7 x 4 aids and 1 x 4 EXTRA day continence supply. Durable. Able to be cleaned. Easily turned and rehung to aid access to second side of product. Silicone with zip protect the continence product from moisture prior to use. Restock weekly not daily- reducing handling and maintaining continence product cleanliness and integrity.

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(71) Convalo Capital Management; Carbone, N.  
(21) 2025275160 (22) 03.12.2025  
(54) Systems, Methods and Computer-Implemented Platforms for Determining Lost Productive Days (LPD) and Climate-Related Financial Exposure (CRFE) for Industrial Assets and Operations.

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(71) Crown Equipment Corporation  
(21) 2025275285 (22) 05.12.2025  
(54) SYSTEMS AND METHODS FOR WAREHOUSE ENVIRONMENT SPEED ZONE MANAGEMENT

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(71) Cummins Inc.  
(21) 2025275189 (22) 03.12.2025  
(54) Energy storage and dispatch for embedded control implementation of hybrid mining trucks

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(71) Daikin Australia Pty Limited; Daikin Industries, Ltd.  
(21) 2025275154 (22) 03.12.2025  
(54) Flange assembly for air-conditioning units

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**Daikin Industries, Ltd. see Daikin Australia Pty Limited**  
(21) 2025275154

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(71) Dechra Veterinary Products, LLC  
(21) 2025275318 (22) 08.12.2025

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(54) Long-acting injectable formulations and use thereof

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(71) Deciphera Pharmaceuticals, LLC  
(21) 2025275164 (22) 03.12.2025  
(54) Phenylaminopyrimidine amide autophagy inhibitors and methods of use thereof

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(71) Deere & Company  
(21) 2025275307 (22) 08.12.2025  
(54) Systems and methods for detection of agricultural characteristics

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(71) Deere & Company  
(21) 2025275316 (22) 08.12.2025  
(54) Variable compliance with downforce and upforce control

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(71) Dentsply Sirona Inc.; Sirona Dental Systems GmbH  
(21) 2025275144 (22) 03.12.2025  
(54) COMPUTER-IMPLEMENTED METHOD OF GENERATING A PANORAMIC IMAGE OF A PATIENT'S ORAL CAVITY

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(71) Dentsply Sirona Inc.; Sirona Dental Systems GmbH  
(21) 2025275332 (22) 09.12.2025  
(54) COMPUTER-IMPLEMENTED METHOD FOR X-RAY IMAGING WITH VARYING X-RAY DOSE

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(71) Diane R. Mould  
(21) 2025275175 (22) 03.12.2025  
(54) Systems and methods for drug-agnostic patient-specific dosing regimens

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(71) DISTRIBUTED CREATION INC.  
(21) 2025275282 (22) 05.12.2025  
(54) Scalable similarity-based generation of compatible music mixes

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(71) Dolby Laboratories Licensing Corporation  
(21) 2025275186 (22) 03.12.2025  
(54) Low latency audio filterbank having improved frequency resolution

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(71) Dolby Laboratories Licensing Corporation  
(21) 2025279597 (22) 09.12.2025  
(54) Source color volume information messaging

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(71) Duress IP Pty Ltd  
(21) 2025275211 (22) 04.12.2025  
(54) A SAFETY ACTIVATION MEANS

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(71) Duress IP Pty Ltd  
(21) 2025275212 (22) 04.12.2025  
(54) SECURITY SYSTEM, DEVICE and API

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(71) Dutton Stormwater Maintenance Limited  
(21) 2025275195 (22) 04.12.2025  
(54) GRATE LIFTING AND LOWERING TOOL

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(71) Ecoremedy LLC  
(21) 2025275320 (22) 08.12.2025  
(54) Biosolid Treatment Process and System

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(71) Ecotech, LLC  
(21) 2025275255 (22) 05.12.2025  
(54) FLUID PUMP ASSEMBLIES AND KITS, AND RELATED METHODS

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(71) Editas Medicine, Inc.  
(21) 2025275210 (22) 04.12.2025  
(54) Cpf1-related methods and compositions for gene editing

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(71) Elbit Systems Electro-Optics - ELOP Ltd.  
(21) 2025275197 (22) 04.12.2025  
(54) Systems and methods for coherent beam combining

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(71) Epirus, Inc.  
(21) 2025275181 (22) 03.12.2025  
(54) Apparatus and method for synchronizing power circuits with coherent RF signals to form a steered composite RF signal

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(71) ESCO GROUP LLC  
(21) 2025275139 (22) 02.12.2025  
(54) Wear assembly, digging edge and inserts for earth working equipment

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(71) Essity Hygiene and Health Aktiebolag  
(21) 2025275158 (22) 03.12.2025  
(54) Washable Absorbent Assembly

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(71) Essity Hygiene and Health Aktiebolag  
(21) 2025275161 (22) 03.12.2025  
(54) Washable Absorbent Assembly with Breathable Barrier Member

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(71) EWRG (SOUTH) PTY LTD  
(21) 2025275219 (22) 04.12.2025  
(54) GUARDRAIL

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(71) Far Eastern New Century Corporation  
(21) 2025275169 (22) 03.12.2025  
(54) Methods for preparing a polyester film and composition thereof

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Complete Applications Filed - Name Index cont'd

(71) Far Eastern New Century Corporation  
(21) 2025275170 (22) 03.12.2025  
(54) Methods for preparing a polyester film and composition thereof

(71) FenceTrac Fence Systems, Inc.  
(21) 2025275192 (22) 03.12.2025  
(54) Stackable Spacers for Infill

(71) field, g.  
(21) 2025275292 (22) 06.12.2025  
(54) NO MORE SAND

(71) FI-SCI Limited  
(21) 2025275246 (22) 04.12.2025  
(54) An Improved Fabric and Dressing Product and Methods for Use

(71) Fisher & Paykel Healthcare Limited  
(21) 2025275126 (22) 02.12.2025  
(54) ZONE HEATING FOR RESPIRATORY CIRCUITS

(71) Fisher & Paykel Healthcare Limited  
(21) 2025275157 (22) 03.12.2025  
(54) METHODS AND APPARATUS FOR HIGH GAS FLOW

(71) Flex Memory Ventures Pty Ltd  
(21) 2025275151 (22) 03.12.2025  
(54) Implantable objects fabricated by additive manufacturing and methods of fabricating the same

(71) Fortescue Zero Limited  
(21) 2025275313 (22) 08.12.2025  
(54) BUSBAR MOUNTING

(71) FORTVITA BIOLOGICS (SINGAPORE) PTE. LTD.; WRAYS PTY LTD  
(21) 2025275202 (22) 04.12.2025  
(54) Interleukin-2 Mutant And Fusion Protein Thereof

Fundació Institut d'Investigació Biomèdica de Girona Dr. Josep Trueta see Goodgut S.L.  
(21) 2025275184

(71) GLOBERIDE, Inc.  
(21) 2025275201 (22) 04.12.2025  
(54) FISHING REEL

(71) GLOBERIDE, Inc.  
(21) 2025279593 (22) 09.12.2025  
(54) FIXING STRUCTURE OF FISHING LINE GUIDE AND FISHING ROD

(71) GLOBUS S.r.l.  
(21) 2025275301 (22) 08.12.2025  
(54) GRINDING MILL AND GRINDING APPARATUS

(71) Goodgut S.L.; Fundació Institut d'Investigació Biomèdica de Girona Dr. Josep Trueta; Universitat de Girona  
(21) 2025275184 (22) 03.12.2025  
(54) Improved method for the screening, diagnosis and/or monitoring of colorectal advanced neoplasia, advanced adenoma and/or colorectal cancer

(71) Goodrich, D.  
(21) 2025275206 (22) 04.12.2025  
(54) Expansion System for Improved Handling and Avoidance of Damage and/or Crushing of Expandable Slit Sheet Paper

(71) Gopalakrishnan, K.  
(21) 2025275240 (22) 04.12.2025  
(54) SPECIFIC GRAVITY BASED GENERATOR

(71) Guangdong CIMC Building Construction Co., Ltd.; China International Marine Containers (Group) Co., Ltd.; CIMC Containers (Group) Co., Ltd.  
(21) 2025279623 (22) 09.12.2025  
(54) Connection assembly, modular building and construction method

(71) HANGZHOU ASWEETS CULTURAL CREATIVE CO., LTD  
(21) 2025275290 (22) 05.12.2025  
(54) MAGNETIC TOY

(71) Harbin Institute of Technology, Shenzhen (Shenzhen Institute of Science and Technology Innovation, Harbin Institute of Technology)  
(21) 2025275229 (22) 04.12.2025  
(54) COMPUTER VISION-BASED METHOD, SYSTEM, TERMINAL, AND MEDIUM FOR IDENTIFYING TARGET-POINT VIBRATION ON HIGH-STIFFNESS STRUCTURES

(71) Hayward Industries, Inc.  
(21) 2025275216 (22) 04.12.2025  
(54) Systems and methods for sanitizing pool and spa water

(71) Heraeus Medical GmbH  
(21) 2025275326 (22) 08.12.2025  
(54) METHOD, DEVICE, AND KIT FOR PRODUCING A PHARMACEUTICALLY ACTIVE COATING

(71) Honeybrains, LLC  
(21) 2025275258 (22) 05.12.2025  
(54) Compositions and methods for treating neuropsychiatric disorders

(71) Howmedica Osteonics Corp.  
(21) 2025275221 (22) 04.12.2025  
(54) Shoulder prosthesis components and assemblies

(71) Huawei Technologies Co., Ltd.  
(21) 2025271574 (22) 02.12.2025  
(54) INFORMATION TRANSMISSION METHOD, COMMUNICATION APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND CHIP

(71) Huawei Technologies Co., Ltd.  
(21) 2025275180 (22) 03.12.2025  
(54) Data transmission method and apparatus

(71) Huizhong Instrumentation Co., Ltd.  
(21) 2025275225 (22) 04.12.2025  
(54) A MEASURING STRUCTURE OF A FLOW MEASUREMENT SENSOR AND ITS ASSEMBLING METHOD

(71) Huizhou Hanxing Optoelectronics Technology Co., Ltd.; WU, H.; Ledture Inc.  
(21) 2025279603 (22) 09.12.2025  
(54) Modular LED luminaire

(71) Idy Pty Ltd  
(21) 2025271544 (22) 01.12.2025  
(54) Systems and Methods for Temporal Fork-Merge Governance of AI Personas Across Parallel Instances and Environments

(71) Idy Pty Ltd  
(21) 2025271565 (22) 02.12.2025  
(54) Systems and Methods for Artificial Identity Treaties, Cross-Ecosystem Persona Sovereignty, and Multi-Domain Credential Interoperability Frameworks

(71) Idy Pty Ltd  
(21) 2025271568 (22) 02.12.2025  
(54) Systems and Methods for Artificial Persona Sovereignty, Rights Enforcement, Jurisdictional Protections, and Identity Autonomy Governance

(71) Idy Pty Ltd  
(21) 2025271569 (22) 02.12.2025  
(54) Systems and Methods for Continuous Intent Verification for Artificial Personas and Agentic AI Systems

Complete Applications Filed - Name Index cont'd

(71) Idy Pty Ltd (21) 2025271570 (22) 02.12.2025 (54) Systems and Methods for AI Forensic Evidence Chains, Behavioural Causality Reconstruction, and Verified Decision Provenance for Autonomous Digital Personas	(71) Industrial Technology Research Institute (21) 2025275265 (22) 05.12.2025 (54) Silage, Preparation Method Thereof and Feed Additive or Animal Health Supplement Containing the Same	Kingfa Sci. & Tech. Co., Ltd. see Shanghai Kingfa Sci. & Tech. Dvpt. Co., Ltd. (21) 2025275171
(71) Idy Pty Ltd (21) 2025271576 (22) 02.12.2025 (54) SYSTEMS AND METHODS FOR AN ARTIFICIAL INTELLIGENCE GOVERNANCE KERNEL FOR AUTONOMOUS DIGITAL PERSONAS AND MULTI-AGENT SYSTEMS	(71) Ingram Micro Inc. (21) 2025275182 (22) 03.12.2025 (54) CUSTOMIZED PLATFORM FOR EVERY SINGLE PERSONA IN DISTRIBUTION	(71) Laboratory Corporation of America Holdings (21) 2025275214 (22) 04.12.2025 (54) INDICATOR BACTERIOPHAGE FOR SELECTING AND MONITORING FOR EFFICACY OF THERAPEUTICS AND METHODS FOR USING SAME
(71) Idy Pty Ltd (21) 2025275124 (22) 02.12.2025 (54) SYSTEMS AND METHODS FOR AUTONOMOUS AGENT DISCOVERY, CAPABILITY ATTESTATION, REPUTATION CONSENSUS, AND TRUSTSCORE PROTOCOLS FOR DIGITAL PERSONAS AND MULTI-AGENT SYSTEMS	(71) INSERM (Institut National de la Santé et de la Recherche Médicale) (21) 2025275257 (22) 05.12.2025 (54) Expression vector for cholesterol 24-hydroxylase in therapy of amyotrophic lateral sclerosis	(71) Lam, T.T. (21) 2025275143 (22) 02.12.2025 (54) MODULAR WHEEL-LIKE STRUCTURAL PLATFORM WITH OPTIMIZED LOAD PATHS FOR RENEWABLE ENERGY, ANTENNAS, VEHICLES, AND MULTI-ENVIRONMENT APPLICATIONS
(71) IGT (21) 2025275166 (22) 03.12.2025 (54) CONTRIBUTION AMOUNT INDEPENDENT VIDEO LOTTERY TERMINAL CASHOUT EVENT AWARD OPPORTUNITIES	(71) Institute for Basic Science (21) 2025275128 (22) 02.12.2025 (54) Targeted deaminase and base editing using same	(71) Lapp Engineering AG (21) 2025279602 (22) 09.12.2025 (54) Rotatable plug connector assembly with radial latching
(71) IGT (21) 2025275167 (22) 03.12.2025 (54) ON-DEMAND CONTRIBUTIONS TO VIDEO LOTTERY TERMINAL TO WIN A MYSTERY AWARD	(71) Invetech IP LLC (21) 2025275133 (22) 02.12.2025 (54) TUBE SEAL AND CUT DEVICE	Lecture Inc. see Huizhou Hanxing Optoelectronics Technology Co., Ltd. (21) 2025279603
(71) IGT (21) 2025275168 (22) 03.12.2025 (54) SYMBOL ACCUMULATION FOR WAYS TO WIN MODIFIER	(71) J.W. Pepper & Son, Inc. (21) 2025279595 (22) 09.12.2025 (54) Sheet music search and discovery system	(71) LG Electronics Inc. (21) 2025275147 (22) 03.12.2025 (54) DISHWASHER
(71) Illumina, Inc. (21) 2025275269 (22) 05.12.2025 (54) Flexible seed extension for hash table genomic mapping	(71) Janssen Biotech, Inc. (21) 2025275132 (22) 02.12.2025 (54) Subcutaneous formulations of anti-CD38 antibodies and their uses	(71) LG Electronics Inc. (21) 2025275174 (22) 03.12.2025 (54) DISHWASHER AND HOME APPLIANCE
(71) IMIDUS Technologies, Inc. (21) 2025275274 (22) 05.12.2025 (54) Point-of-sale system using prepaid/gift card network	(71) Jazz Pharmaceuticals Therapeutics, Inc. (21) 2025279601 (22) 09.12.2025 (54) Inhibiting ataxia telangiectasia and RAD3-related protein (ATR)	(71) LG Electronics Inc. (21) 2025275177 (22) 03.12.2025 (54) DISHWASHER
(71) ImmersiveTouch, Inc. (21) 2025279596 (22) 09.12.2025 (54) Systems and methods for generating patient-specific implants for anatomical structures of patients	Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd. (21) 2025275336	(71) LG Electronics Inc. (21) 2025275215 (22) 04.12.2025 (54) Refrigerator
	(71) JPL Global, LLC (21) 2025275162 (22) 03.12.2025 (54) Circular saw apparatus with integrated multistage filtration system	(71) LG Electronics Inc. (21) 2025275224 (22) 04.12.2025 (54) Refrigerator and method for controlling same
	(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI (21) 2025275306 (22) 08.12.2025 (54) Industrial vehicle	(71) LG Electronics Inc. (21) 2025275226 (22) 04.12.2025 (54) REFRIGERATOR

Complete Applications Filed - Name Index cont'd

(71) LG Electronics Inc.  
(21) 2025275230 (22) 04.12.2025  
(54) REFRIGERATOR

(71) LG Electronics Inc.  
(21) 2025275242 (22) 04.12.2025  
(54) REFRIGERATOR

(71) LG Electronics Inc.  
(21) 2025275268 (22) 05.12.2025  
(54) DISHWASHER

(71) LG Electronics Inc.  
(21) 2025275305 (22) 08.12.2025  
(54) DISH WASHER AND HOME APPLI-  
ANCE

(71) LG Electronics Inc.  
(21) 2025279592 (22) 09.12.2025  
(54) HOME APPLIANCE

(71) Liang, Y.  
(21) 2025271537 (22) 30.11.2025  
(54) Geo-Arrival Verification and Automatic  
Compensation System

(71) Liang, Y.  
(21) 2025271567 (22) 02.12.2025  
(54) A Computer-Implemented Condition-  
al Goal-Triggered Funding and Refund  
System

(71) Liang, Y.  
(21) 2025275254 (22) 05.12.2025  
(54) Energy-Storage-Based Compensation  
System for Medium- and Low-Voltage  
Power Networks up to and Including  
16,000 Volts

(71) Liang, Y.  
(21) 2025275293 (22) 06.12.2025  
(54) Conditional Commitment Fission Agree-  
ment System (CCFAS)

(71) Liang, Y.  
(21) 2025275296 (22) 06.12.2025  
(54) NewPower Intelligent Starter Battery

(71) Liang, Y.  
(21) 2025275297 (22) 07.12.2025  
(54) Geo-Authentication Attendance and Ac-  
tion Triggering System

(71) Liang, Y.  
(21) 2025275298 (22) 07.12.2025  
(54) Modular Separable Battery Architecture  
(MSBA)

Liaoning Kingfa Biomaterial Co., Ltd. see  
Shanghai Kingfa Sci. & Tech. Dvpt. Co.,  
Ltd.  
(21) 2025275171

(71) Liebherr Mining Equipment Newport  
News Co.  
(21) 2025275228 (22) 04.12.2025  
(54) A truck comprising a wet brake cooling  
system

(71) LOCKHEED MARTIN CORPORATION  
(21) 2025275130 (22) 02.12.2025  
(54) DOUBLE HINGED TILTING MOUNT  
FOR COAXIAL CONTRA ROTATING  
ELECTRIC PROPULSION

(71) LOCKHEED MARTIN CORPORATION  
(21) 2025275188 (22) 03.12.2025  
(54) TILT ROTOR EVTOL UAV WITH RE-  
DUNDANT HYBRID PROPULSION  
SYSTEM

(71) Lone Gull Holdings, Ltd.  
(21) 2025275256 (22) 05.12.2025  
(54) Self-powered computing buoy

(71) Manitou Italia S.r.l.  
(21) 2025275281 (22) 05.12.2025  
(54) Self-propelled operating machine with  
adaptive control system

(71) MARTIN, S.  
(21) 2025279609 (22) 09.12.2025  
(54) FIGURINE BASE, OBJECT MANAGE-  
MENT SYSTEM AND METHODS

(71) MATTHEWS, A.  
(21) 2025275218 (22) 04.12.2025  
(54) clean energy generation

(71) MATTHEWS INTERNATIONAL COR-  
PORATION  
(21) 2025279608 (22) 09.12.2025  
(54) Device for producing a releasable clear-  
ance-free position of a rolling bearing  
and a corresponding method

(71) Miles, S.  
(21) 2025275193 (22) 03.12.2025  
(54) An Accessory For Motor Vehicles

(71) MIND MEDICINE, INC.  
(21) 2025275308 (22) 08.12.2025  
(54) Immediate release formulations of d-  
lysergic acid diethylamide for therapeut-  
ic applications

(71) MiroBio Limited; Oxford University In-  
novation Limited  
(21) 2025275198 (22) 04.12.2025  
(54) BTLA antibodies

(71) Mizuho Orthopedic Systems, Inc.  
(21) 2025275317 (22) 08.12.2025  
(54) SYSTEM, APPARATUS AND METH-  
OD FOR SUPPORTING AND/OR POS-  
ITIONING A PATIENT BEFORE, DUR-  
ING, OR AFTER A MEDICAL PRO-  
CEDURE

(71) Nanjing Chervon Industry Co., Ltd.  
(21) 2025275284 (22) 05.12.2025  
(54) WALK-BEHIND POWER TOOL

(71) NBO Pharma Inc.  
(21) 2025271571 (22) 02.12.2025  
(54) INTRANASAL FORMULATIONS AND  
DELIVERY OF SOMATOSTATIN MI-  
METICS AND USES THEREOF

(71) NETZSCH Trockenmahltechnik GmbH  
(21) 2025275235 (22) 04.12.2025  
(54) Method for more efficient spheroidiza-  
tion of high-quality graphite particles

(71) NETZSCH Trockenmahltechnik GmbH  
(21) 2025275237 (22) 04.12.2025  
(54) Device and method for rounding graph-  
ite flakes of a graphite material

(71) NEUBORON THERAPY SYSTEM LTD.  
(21) 2025275209 (22) 04.12.2025  
(54) TARGET MATERIAL FOR PARTICLE  
BEAM GENERATION APPARATUS  
AND A NEUTRON CAPTURE THER-  
APY SYSTEM

(71) NEXANS  
(21) 2025275159 (22) 03.12.2025  
(54) CABLE OR WIRE SPOOL

(71) Nexus Spine, LLC  
(21) 2025275328 (22) 08.12.2025  
(54) Implant with conforming region

(71) Nippon Steel Corporation; Vallourec Oil  
and Gas France  
(21) 2025275185 (22) 03.12.2025  
(54) Screw joint-equipped oil well pipe,  
method for producing oil well pipe con-  
necting body which uses screw joint-  
equipped oil well pipe, and method for  
producing screw joint-equipped oil well  
pipe

(71) Novavax, Inc.  
(21) 2025275176 (22) 03.12.2025

Complete Applications Filed - Name Index cont'd

(54) Multivalent influenza nanoparticle vaccines

(71) Nthalmic Holding Pty Ltd; SHANGHAI ISPARX MEDICAL CO., LTD

(21) 2025275275 (22) 05.12.2025

(54) TILTED AND/OR EXTRUDED OPTICAL ELEMENTS FOR THE MANAGEMENT OF MYOPIA

(71) OilQuick Deutschland KG

(21) 2025275233 (22) 04.12.2025

(54) EXCAVATOR ATTACHMENT AND LOADING FORK FOR SUCH AN EXCAVATOR ATTACHMENT

(71) Orano Med Manufacturing

(21) 2025275231 (22) 04.12.2025

(54) Method for producing medical grade lead-212

(71) OrthAlign, Inc.

(21) 2025275135 (22) 02.12.2025

(54) SOFT TISSUE MEASUREMENT AND BALANCING SYSTEMS AND METHODS

(71) OWENS CORNING INTELLECTUAL CAPITAL, LLC

(21) 2025275329 (22) 08.12.2025

(54) Curtain wall insulation system

**Oxford University Innovation Limited see MiroBio Limited**

(21) 2025275198

(71) Pacific Diabetes Technologies Inc

(21) 2025275314 (22) 08.12.2025

(54) INFUSION DEVICE FOR CONTINUOUS GLUCOSE MONITORING

(71) Pacira CryoTech, Inc.

(21) 2025279617 (22) 09.12.2025

(54) Medial branch smart tip needle

(71) Pelican Products, Inc.

(21) 2025275271 (22) 05.12.2025

(54) Carrying case construction

(71) Perlemax Limited

(21) 2025275276 (22) 05.12.2025

(54) Fluidic Oscillators

(71) PFIZER INC.

(21) 2025275149 (22) 03.12.2025

(54) Solid forms of pyrazolo[3,4-d]pyrimidine compounds

(71) Pivot Bio, Inc.

(21) 2025275138 (22) 02.12.2025

(54) Guided microbial remodeling, a platform for the rational improvement of microbial species for agriculture

(71) POVIVA CORP.

(21) 2025275286 (22) 05.12.2025

(54) COMPOSITIONS AND METHODS FOR TREATING EPILEPSY

(71) PPG INDUSTRIES OHIO, INC.

(21) 2025275273 (22) 05.12.2025

(54) Automated FMEA system for customer service

(71) Pure Fishing, Inc.

(21) 2025275204 (22) 04.12.2025

(54) Combined magnetic and friction casting brake and fishing reel including the same

(71) Readylinks Inc.

(21) 2025275323 (22) 08.12.2025

(54) Bidirectional power feed digital communication device

(71) Regeneron Pharmaceuticals, Inc.

(21) 2025271573 (22) 02.12.2025

(54) 17 $\beta$ -HYDROXYSTEROID DEHYDROGENASE TYPE 13 (HSD17B13) iRNA COMPOSITIONS AND METHODS OF USE THEREOF

(71) Regeneron Pharmaceuticals, Inc.

(21) 2025275234 (22) 04.12.2025

(54) GENETICALLY MODIFIED NON-HUMAN ANIMALS FOR GENERATING THERAPEUTIC ANTIBODIES AGAINST PEPTIDE-MHC COMPLEXES, METHODS OF MAKING AND USES THEREOF

(71) Regeneron Pharmaceuticals, Inc.

(21) 2025275304 (22) 08.12.2025

(54) HUMANIZED RODENTS FOR TESTING THERAPEUTIC AGENTS

(71) Revance Therapeutics, Inc.

(21) 2025275321 (22) 08.12.2025

(54) Injectable botulinum toxin formulations

(71) ROBOTICS PLUS LIMITED

(21) 2025275150 (22) 03.12.2025

(54) LOAD SCANNING APPARATUS

(71) Rockline Industries, Inc.

(21) 2025275156 (22) 03.12.2025

(54) WET WIPES WITH IMPROVED PRESERVATIVE PROPERTIES

(71) Sagemcom Broadband SAS

(21) 2025275203 (22) 04.12.2025

(54) Method for managing the energy consumption of wireless communication interfaces of an access-point electronic device, corresponding access-point electronic device and computer program

(71) SAGE PRODUCTS LLC

(21) 2025279600 (22) 09.12.2025

(54) Bed Exercise Systems and Methods

(71) Sage Therapeutics, Inc.

(21) 2025279604 (22) 09.12.2025

(54) 3,3 Disubstituted 19-nor pregnane compounds, compositions, and uses thereof

(71) Sandbox Enterprises, LLC

(21) 2025279610 (22) 09.12.2025

(54) Support apparatus for proppant storage containers

(71) SAP SE

(21) 2025276990 (22) 09.12.2025

(54) Data processing using versioned processing elements

(71) SAP SE

(21) 2025279594 (22) 09.12.2025

(54) Knowledge graph pattern detection and application

(71) SAP SE

(21) 2025279607 (22) 09.12.2025

(54) Trigger-based grammar enforcement in LLM generations

(71) Schlage Lock Company LLC

(21) 2025275155 (22) 03.12.2025

(54) ULTRA-WIDEBAND TECHNOLOGIES FOR SEAMLESS ACCESS CONTROL

(71) Schlumberger Technology B.V.

(21) 2025279605 (22) 09.12.2025

(54) Downhole acoustic tool

(71) Seattle Project Corp.

(21) 2025275134 (22) 02.12.2025

(54) Neoantigen identification using hotspots

(71) Seegene, Inc.

(21) 2025275294 (22) 06.12.2025

(54) COMPUTER-IMPLEMENTED METHOD FOR COLLABORATIVE DEVELOPMENT OF REAGENTS FOR DETECTION OF TARGET NUCLEIC ACIDS

Complete Applications Filed - Name Index cont'd

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(71) SENSE2 PTY LTD  
 (21) 2025275183 (22) 03.12.2025  
 (54) APPARATUS AND METHOD FOR VIBRATION-SUPPRESSED HIGH-FLUX THERMAL MANAGEMENT USING DETERMINISTIC SECONDARY FLUIDIC FLOWS

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(71) SENSE2 PTY LTD  
 (21) 2025275187 (22) 03.12.2025  
 (54) VOLUMETRIC PHOTONIC PHYSICAL NEURAL NETWORK WITH DETERMINISTIC FLUIDIC STABILIZATION, SPECTRAL MULTIPLEXING, AND CACHE-COHERENT INTERFACE

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(71) SENSE2 PTY LTD  
 (21) 2025275295 (22) 06.12.2025  
 (54) VOLUMETRIC PHOTONIC NEURAL NETWORK ACCELERATOR WITH DETERMINISTIC FLUIDIC STABILIZATION, METASURFACE COUPLING, AND CXL MEMORY INTERFACE

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(71) SENSE2 PTY LTD  
 (21) 2025275299 (22) 07.12.2025  
 (54) SEMANTIC MEMORY CONTROLLER WITH TEMPORAL BURST DECOMPOSITION, ISO-DYNAMIC ENTROPY SHIELDING, AND SPECULATION-SAFE COMMIT GATING

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(71) SENSE2 PTY LTD  
 (21) 2025275330 (22) 08.12.2025  
 (54) SEMANTIC MEMORY CONTROLLER ARCHITECTURE FOR DETERMINISTIC BURST ORDERING, ISO-DYNAMIC SIDE-CHANNEL OBFUSCATION, AND MULTI-TENANT RESOURCE VITALITY

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(71) SETOLAS HOLDINGS, INC.  
 (21) 2025275199 (22) 04.12.2025  
 (54) Magnesium oxide-containing pharmaceutical composition for treating pediatric chronic functional constipation

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(71) Shandong University of Science and Technology  
 (21) 2025275279 (22) 05.12.2025  
 (54) MINING INTELLIGENT CLOSED DUST SUPPRESSION DEVICE FOR TRANSFER POINT BETWEEN SCRAPER CONVEYOR AND BELT CONVEYOR

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SHANGHAI ISPARX MEDICAL CO., LTD  
 see Nthalmic Holding Pty Ltd  
 (21) 2025275275

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(71) Shanghai Kingfa Sci. & Tech. Dvpt. Co., Ltd.; Kingfa Sci. & Tech. Co., Ltd.; Liaoning Kingfa Biomaterial Co., Ltd.  
 (21) 2025275171 (22) 03.12.2025  
 (54) Polymeric additive and use thereof

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(71) SHENZHEN FUNPOWER GENERAL TECHNOLOGY CO., LTD.  
 (21) 2025275217 (22) 04.12.2025  
 (54) CONTROL CIRCUIT AND CIRCUIT OF MULTI-SPEED CEILING FAN WITH LIGHT

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(71) SHENZHEN HTI SANJIANG ELECTRONICS Co., LTD.  
 (21) 2025279621 (22) 09.12.2025  
 (54) Smoke Detector

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(71) Shepherd, S.  
 (21) 2025271160 (22) 21.11.2025  
 (54) Radiatively Heated Hot Fluid Reservoir

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(71) SHINE Technologies, LLC  
 (21) 2025275270 (22) 05.12.2025  
 (54) Gas jet deflection in pressurized systems

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(71) Shopify Inc.  
 (21) 2025275205 (22) 04.12.2025  
 (54) COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR IN-STORE ROUTE RECOMMENDATIONS

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(71) SI-BONE Inc.  
 (21) 2025275220 (22) 04.12.2025  
 (54) IMPLANTS FOR SPINAL FIXATION AND FUSION

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Sirona Dental Systems GmbH see Dent-sply Sirona Inc.  
 (21) 2025275144

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Sirona Dental Systems GmbH see Dent-sply Sirona Inc.  
 (21) 2025275332

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(71) SleepWell Technology Corp.  
 (21) 2025275333 (22) 09.12.2025  
 (54) NON-CONTACT OBSTRUCTIVE SLEEP APNEA SYNDROME RAPID SCREENING SYSTEM

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(71) Spark Therapeutics, Inc.  
 (21) 2025275163 (22) 03.12.2025  
 (54) SCALABLE METHODS FOR PRODUCING RECOMBINANT ADENO-ASSOCIATED VIRAL (AAV) VECTOR IN SERUM-FREE SUSPENSION CELL CULTURE SYSTEM SUITABLE FOR CLINICAL USE

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(71) Superoperator Oy  
 (21) 2025275319 (22) 08.12.2025  
 (54) System for Controlling a Service Station Related to a Vehicle

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(71) TAISHO SKY BUILDING, INC.  
 (21) 2025275236 (22) 04.12.2025  
 (54) Management system for hourly rental facility

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(71) Takeda Pharmaceutical Company Limited  
 (21) 2025275262 (22) 05.12.2025  
 (54) TYK2 inhibitors and uses thereof

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(71) Teleflex Medical Incorporated  
 (21) 2025275146 (22) 03.12.2025  
 (54) STYLET WITH IMPROVED THREADABILITY

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(71) TERRASPHERE SOLUTIONS AND CONSULTANCY PTY LTD  
 (21) 2025275153 (22) 03.12.2025  
 (54) AI-Powered Multi-Modal Geospatial Change Detection and Analysis System

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(71) Thalmann Maschinenbau AG  
 (21) 2025275172 (22) 03.12.2025  
 (54) PROCESSING MACHINE FOR FLAT MATERIAL PARTS WITH A SUPPORT UNIT AND METHOD THEREFOR

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(71) The General Hospital Corporation  
 (21) 2025275152 (22) 03.12.2025  
 (54) Engineered CRISPR-Cas9 nucleases with altered PAM specificity

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(71) The General Hospital Corporation  
 (21) 2025275207 (22) 04.12.2025  
 (54) Variants of CRISPR from Prevotella and Francisella 1 (Cpf1)

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(71) The General Hospital Corporation  
 (21) 2025275239 (22) 04.12.2025  
 (54) CAROTENOIDS FOR TREATING OR PREVENTING NAUSEA

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(71) The General Hospital Corporation  
 (21) 2025275335 (22) 09.12.2025  
 (54) Novel small molecule inhibitors of TEAD transcription factors

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(71) The Trustees of Columbia University in the City of New York  
 (21) 2025275331 (22) 08.12.2025  
 (54) ALDOSE REDUCTASE INHIBITORS AND METHODS OF USE THEREOF

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(71) Think Surgical, Inc.  
 (21) 2025275311 (22) 08.12.2025  
 (54) SURGICAL ARTICLE FORMED FROM FINE GRAINED TUNGSTEN CARBIDE IN NICKEL MATRIX

(71) TNA Australia Pty Limited  
 (21) 2025275267 (22) 05.12.2025  
 (54) A feed bar assembly

(71) Tongwei Solar (Chengdu) Co., Ltd.  
 (21) 2025275327 (22) 08.12.2025  
 (54) SOLAR CELL AND PREPARING METHOD THEREFOR, AND PHOTO-VOLTAIC MODULE

(71) TotalEnergies OneTech  
 (21) 2025275165 (22) 03.12.2025  
 (54) Subsea stroking tool

(71) Toyota Jidosha Kabushiki Kaisha  
 (21) 2025275178 (22) 03.12.2025  
 (54) Composite electrode active material, negative electrode layer, secondary battery, and solid-state battery

(71) Transportation IP Holdings, LLC  
 (21) 2025275208 (22) 04.12.2025  
 (54) VEHICLE SYSTEM AND METHOD

(71) TScan Therapeutics, Inc.  
 (21) 2025275148 (22) 03.12.2025  
 (54) BINDING PROTEINS RECOGNIZING CD45 IMMUNOGENIC PEPTIDES AND USES THEREOF

(71) Ultivue, Inc.  
 (21) 2025275127 (22) 02.12.2025  
 (54) MULTIPLEXED CATALYZED REPORTER DEPOSITION

Universitat de Girona see Goodgut S.L.  
 (21) 2025275184

Vallourec Oil and Gas France see Nippon Steel Corporation  
 (21) 2025275185

(71) Vitronic Machine Vision GmbH  
 (21) 2025275312 (22) 08.12.2025  
 (54) Method and illumination unit for illuminating a detection area of a code reader

voestalpine Railway Systems GmbH see voestalpine Turnout Technology Zeltweg GmbH  
 (21) 2025279626

(71) voestalpine Turnout Technology Zeltweg GmbH; voestalpine Railway Systems GmbH  
 (21) 2025279626 (22) 09.12.2025  
 (54) CLAMPING SPRING FOR HOLDING DOWN A TRACK BODY ELEMENT

(71) Volvo Autonomous Solutions AB  
 (21) 2025275260 (22) 05.12.2025  
 (54) Detection of a tire pressure defect

(71) Volvo Autonomous Solutions AB  
 (21) 2025275264 (22) 05.12.2025  
 (54) Computer system and method for controlling a vehicle

(71) VusionGroup GmbH  
 (21) 2025275300 (22) 08.12.2025  
 (54) RADIO BASE STATION FOR COMBINED RADIO COMMUNICATION

(71) WEDGELOCK EQUIPMENT LIMITED  
 (21) 2025275200 (22) 04.12.2025  
 (54) A PACKER

(71) Werner Co  
 (21) 2025275315 (22) 08.12.2025  
 (54) STEP LADDER PIVOT AND LOCK MECHANISM

(71) WestRock Packaging Systems, LLC  
 (21) 2025275241 (22) 04.12.2025  
 (54) Nested beverage carton layout

(71) Whirlpool Corporation  
 (21) 2025275291 (22) 06.12.2025  
 (54) A Fluid Delivery Device For An Appliance

(71) Wilson Wolf Manufacturing, LLC  
 (21) 2025275223 (22) 04.12.2025  
 (54) Closed system device and methods for gas permeable cell culture process

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 (21) 2025275202

WU, H. see Huizhou Hanxing Optoelectronics Technology Co., Ltd.  
 (21) 2025279603

(71) XANADU QUANTUM TECHNOLOGIES INC.  
 (21) 2025275283 (22) 05.12.2025  
 (54) SCALABLE PHOTONIC QUANTUM COMPUTING WITH HYBRID RE-SOURCE STATES

(71) X Development LLC  
 (21) 2025275196 (22) 04.12.2025  
 (54) Synthetic subterranean source

(71) YCS Group, LLC  
 (21) 2025275272 (22) 05.12.2025  
 (54) MANAGING VENDOR OFFERS

(71) Zevra Denmark A/S  
 (21) 2025275243 (22) 04.12.2025  
 (54) Hsp70 protein levels in PBMC samples as biomarker for disease

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.  
 (21) 2025275336 (22) 09.12.2025  
 (54) PHOTOVOLTAIC CELL AND PHOTO-VOLTAIC MODULE

(71) Zhejiang Xinke Cookware Co., Ltd.  
 (21) 2025275322 (22) 08.12.2025  
 (54) CONTAINER WITH PHYSICAL NON-STICK STRUCTURE AND COOKING UTENSIL

(71) Zhuzhou Times New Material Technology Co., Ltd.  
 (21) 2025275324 (22) 08.12.2025  
 (54) TORQUE-LIMITING TORSION BAR SPRING FOR BRIDGE BEARINGS, OVERLOAD PROTECTION METHOD THEREFOR, AND BRIDGE BEARING

(71) Zhuzhou Times New Material Technology Co., Ltd.  
 (21) 2025275325 (22) 08.12.2025  
 (54) TORSION BAR ELASTIC CONSTRAINT SPHERICAL STEEL BEARING AND DESIGN METHOD THEREFOR

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<b>2025271565</b>	Idy Pty Ltd	<b>2025275185</b>	Nippon Steel Corporation; Vallourec Oil and Gas France
<b>2025271567</b>	Liang, Y.	<b>2025275186</b>	Dolby Laboratories Licensing Corporation
<b>2025271568</b>	Idy Pty Ltd	<b>2025275187</b>	SENSE2 PTY LTD
<b>2025271569</b>	Idy Pty Ltd	<b>2025275188</b>	LOCKHEED MARTIN CORPORATION
<b>2025271570</b>	Idy Pty Ltd	<b>2025275189</b>	Cummins Inc.
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<b>2025271573</b>	Regeneron Pharmaceuticals, Inc.	<b>2025275191</b>	Alteogen, Inc
<b>2025271574</b>	Huawei Technologies Co., Ltd.	<b>2025275192</b>	FenceTrac Fence Systems, Inc.
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<b>2025271578</b>	Avent, Inc.	<b>2025275194</b>	Brown, L.
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<b>2025275124</b>	Idy Pty Ltd	<b>2025275196</b>	X Development LLC
<b>2025275126</b>	Fisher & Paykel Healthcare Limited	<b>2025275197</b>	Elbit Systems Electro-Optics - ELOP Ltd.
<b>2025275127</b>	Ultivue, Inc.	<b>2025275198</b>	MiroBio Limited; Oxford University Innovation Limited
<b>2025275128</b>	Institute for Basic Science	<b>2025275199</b>	SETOLAS HOLDINGS, INC.
<b>2025275130</b>	LOCKHEED MARTIN CORPORATION	<b>2025275200</b>	WEDGELOCK EQUIPMENT LIMITED
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<b>2025275142</b>	Becton, Dickinson and Company	<b>2025275207</b>	The General Hospital Corporation
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<b>2025275145</b>	Arvinas Operations, Inc.	<b>2025275210</b>	Editas Medicine, Inc.
<b>2025275146</b>	Teleflex Medical Incorporated	<b>2025275211</b>	Duress IP Pty Ltd
<b>2025275147</b>	LG Electronics Inc.	<b>2025275212</b>	Duress IP Pty Ltd
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<b>2025275149</b>	PFIZER INC.	<b>2025275214</b>	Laboratory Corporation of America Holdings
<b>2025275150</b>	ROBOTICS PLUS LIMITED	<b>2025275215</b>	LG Electronics Inc.
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<b>2025275154</b>	Daikin Australia Pty Limited; Daikin Industries, Ltd.	<b>2025275219</b>	EWRG (SOUTH) PTY LTD
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<b>2025275161</b>	Essity Hygiene and Health Aktiebolag	<b>2025275226</b>	LG Electronics Inc.
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<b>2025275164</b>	Deciphera Pharmaceuticals, LLC	<b>2025275229</b>	Harbin Institute of Technology, Shenzhen (Shenzhen Institute of Science and Technology Innovation, Harbin Institute of Technology)
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<b>2025275169</b>	Far Eastern New Century Corporation	<b>2025275234</b>	Regeneron Pharmaceuticals, Inc.
<b>2025275170</b>	Far Eastern New Century Corporation	<b>2025275235</b>	NETZSCH Trockenmahltechnik GmbH
<b>2025275171</b>	Shanghai Kingfa Sci. & Tech. Dvpt. Co., Ltd.; Kingfa Sci. & Tech. Co., Ltd.; Liaoning Kingfa Biomaterial Co., Ltd.	<b>2025275236</b>	TAISHO SKY BUILDING, INC.
<b>2025275172</b>	Thalmann Maschinenbau AG	<b>2025275237</b>	NETZSCH Trockenmahltechnik GmbH
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<b>2025275174</b>	LG Electronics Inc.	<b>2025275239</b>	The General Hospital Corporation
<b>2025275175</b>	Diane R. Mould	<b>2025275240</b>	Gopalakrishnan, K.
<b>2025275176</b>	Novavax, Inc.	<b>2025275241</b>	WestRock Packaging Systems, LLC
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2025275255	Ecotech, LLC	2025275329	OWENS CORNING INTELLECTUAL CAPITAL, LLC
2025275256	Lone Gull Holdings, Ltd.	2025275330	SENSE2 PTY LTD
2025275257	INSERM (Institut National de la Santé et de la Recherche Médicale)	2025275331	The Trustees of Columbia University in the City of New York
2025275258	Honeybrains, LLC	2025275332	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
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2025275271	Pelican Products, Inc.	2025279600	SAGE PRODUCTS LLC
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2025275273	PPG INDUSTRIES OHIO, INC.	2025279602	Lapp Engineering AG
2025275274	IMIDUS Technologies, Inc.	2025279603	Huizhou Hanxing Optoelectronics Technology Co., Ltd.; WU, H.; Ledture Inc.
2025275275	Nthalmic Holding Pty Ltd; SHANGHAI ISPARX MEDICAL CO., LTD	2025279604	Sage Therapeutics, Inc.
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2025275277	Apple Inc.	2025279606	Arbutus Biopharma Corporation
2025275279	Shandong University of Science and Technology	2025279607	SAP SE
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2025275305	LG Electronics Inc.		
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2025275307	Deere & Company		
2025275308	MIND MEDICINE, INC.		
2025275311	Think Surgical, Inc.		
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2025275313	Fortescue Zero Limited		
2025275314	Pacific Diabetes Technologies Inc		
2025275315	Werner Co		
2025275316	Deere & Company		
2025275317	Mizuho Orthopedic Systems, Inc.		
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**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

**2005**

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**2010**

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**2011**

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 2014268394 ( 14 )    2014268445 ( 14 )    2014268529 ( 14 )  
 2014268843 ( 14 )    2014269287 ( 14 )    2014270078 ( 14 )  
 2014270173 ( 14 )    2014270410 ( 14 )    2014270532 ( 14 )  
 2014271196 ( 14 )    2014271207 ( 14 )    2014283607 ( 14 )  
 2014284654 ( 14 )    2014293635 ( 14 )    2014324086 ( 14 )  
 2014393578 ( 14 )

**2015**

2015202759 ( 14 )    2015202772 ( 14 )    2015262214 ( 14 )  
 2015262961 ( 14 )    2015263121 ( 14 )    2015263765 ( 14 )  
 2015263874 ( 14 )    2015263963 ( 14 )    2015264021 ( 14 )  
 2015264151 ( 14 )    2015265651 ( 14 )    2015266075 ( 14 )  
 2015267876 ( 14 )    2015272757 ( 14 )

**2016**

2016263156 ( 14 )    2016263581 ( 14 )    2016264086 ( 14 )  
 2016264714 ( 14 )    2016264739 ( 14 )    2016265801 ( 14 )

2016267028 ( 14 ) 2016267059 ( 14 ) 2016267384 ( 14 )  
 2016267538 ( 14 ) 2016267543 ( 14 ) 2016267792 ( 14 )  
 2016268215 ( 14 ) 2016268259 ( 14 ) 2016269476 ( 14 )  
 2016290374 ( 14 ) 2016341463 ( 14 ) 2016346016 ( 14 )  
 2016406934 ( 14 ) 2016407842 ( 14 )

**2017**

2017101658 ( 22 ) 2017101659 ( 22 ) 2017101662 ( 22 )  
 2017101671 ( 22 ) 2017101876 ( 22 ) 2017203355 ( 14 )  
 2017203498 ( 14 ) 2017266448 ( 14 ) 2017267291 ( 14 )  
 2017267735 ( 14 ) 2017267994 ( 14 ) 2017268709 ( 14 )  
 2017268711 ( 14 ) 2017269050 ( 14 ) 2017269052 ( 14 )  
 2017269364 ( 14 ) 2017269385 ( 14 ) 2017271379 ( 14 )  
 2017271493 ( 14 ) 2017271510 ( 14 ) 2017272222 ( 14 )  
 2017273771 ( 14 ) 2017275461 ( 14 ) 2017275464 ( 14 )  
 2017277679 ( 14 ) 2017283005 ( 14 ) 2017294718 ( 14 )  
 2017309347 ( 14 )

**2018**

2018100695 ( 22E ) 2018100710 ( 22E ) 2018102149 ( 22E )  
 2018102177 ( 22E ) 2018102202 ( 22E ) 2018203547 ( 14 )  
 2018203596 ( 14 ) 2018204174 ( 14 ) 2018271876 ( 14 )  
 2018273233 ( 14 ) 2018273238 ( 14 ) 2018274424 ( 14 )  
 2018274569 ( 14 ) 2018276243 ( 14 ) 2018278119 ( 14 )  
 2018278122 ( 14 ) 2018282260 ( 5C ) 2018282523 ( 14 )  
 2018424294 ( 14 ) 2018424471 ( 14 )

**2019**

2019100520 ( 22E ) 2019100539 ( 22E ) 2019100549 ( 22E )  
 2019201176 ( 5C ) 2019201480 ( 14 ) 2019201763 ( 14 )  
 2019203239 ( 14 ) 2019203997 ( 14 ) 2019204192 ( 14 )  
 2019216759 ( 5C ) 2019218792 ( 5C ) 2019220621 ( 5C )  
 2019223085 ( 5C ) 2019226034 ( 5C ) 2019227984 ( 5C )  
 2019228508 ( 5C ) 2019232781 ( 5C ) 2019235626 ( 5C )  
 2019236705 ( 14 ) 2019252672 ( 25D ) 2019253819 ( 5C )  
 2019261646 ( 5C ) 2019265733 ( 5C ) 2019269742 ( 4C )  
 2019272384 ( 4C ) 2019272566 ( 14 ) 2019272730 ( 14 )  
 2019272803 ( 14 ) 2019272848 ( 4C ) 2019273117 ( 14 )  
 2019273858 ( 14 ) 2019274427 ( 14 ) 2019274537 ( 4C )  
 2019274601 ( 14 ) 2019274655 ( 14 ) 2019274657 ( 4C )  
 2019275067 ( 4C ) 2019275073 ( 4C ) 2019275076 ( 14 )  
 2019275404 ( 4C ) 2019275411 ( 14 ) 2019276939 ( 4C )  
 2019276972 ( 14 ) 2019280081 ( 5C ) 2019287853 ( 14 )  
 2019293888 ( 14 ) 2019349916 ( 5C ) 2019378591 ( 4C )  
 2019389898 ( 5C ) 2019397469 ( 5C ) 2019398029 ( 5C )  
 2019409156 ( 25D ) 2019417158 ( 5C ) 2019419320 ( 5C )  
 2019419443 ( 5C ) 2019424265 ( 14 ) 2019436652 ( 4C )  
 2019447499 ( 4C ) 2019448505 ( 14 )

**2020**

2020100099 ( 22 ) 2020100789 ( 22E ) 2020100797 ( 22E )  
 2020100805 ( 22E ) 2020200779 ( 5C ) 2020200784 ( 5C )  
 2020201148 ( 5C ) 2020203249 ( 4C ) 2020203258 ( 14 )  
 2020203420 ( 14 ) 2020205079 ( 5C ) 2020225632 ( 5C )  
 2020231231 ( 5C ) 2020232985 ( 5C ) 2020235503 ( 5C )  
 2020235823 ( 5C ) 2020236982 ( 5C ) 2020241841 ( 5C )  
 2020244855 ( 25D ) 2020249288 ( 5C ) 2020250193 ( 14 )  
 2020250828 ( 5C ) 2020253473 ( 5C ) 2020264799 ( 5C )  
 2020267222 ( 14 ) 2020268312 ( 5C ) 2020271841 ( 5C )  
 2020273115 ( 5C ) 2020277399 ( 4C ) 2020277668 ( 4C )  
 2020277672 ( 4C ) 2020278162 ( 4C ) 2020278408 ( 4C )  
 2020278675 ( 14 ) 2020278879 ( 4C ) 2020278906 ( 4C )  
 2020279370 ( 4C ) 2020279371 ( 4C ) 2020279471 ( 4C )  
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 2020280904 ( 4C ) 2020281583 ( 4C ) 2020281597 ( 4C )  
 2020283463 ( 4C ) 2020283650 ( 14 ) 2020283712 ( 14 )  
 2020283797 ( 14 ) 2020283844 ( 14 ) 2020284508 ( 4C )  
 2020285571 ( 4C ) 2020295555 ( 5C ) 2020448974 ( 14 )  
 2020481267 ( 1B ) 2020481681 ( 1B )

**2021**

2021102708 ( 22E ) 2021102800 ( 22E ) 2021102806 ( 22E )  
 2021200370 ( 14 ) 2021203344 ( 4B ) 2021203405 ( 14 )  
 2021204159 ( 14 ) 2021206813 ( 14 ) 2021206818 ( 14 )  
 2021207765 ( 5C ) 2021207780 ( 5C ) 2021245213 ( 1B )  
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 2021274862 ( 14 ) 2021275643 ( 4C ) 2021275732 ( 14 )  
 2021276502 ( 14 ) 2021276514 ( 14 ) 2021276656 ( 4C )  
 2021277386 ( 4C ) 2021277773 ( 1B ) 2021280231 ( 14 )  
 2021281176 ( 14 ) 2021281375 ( 14 ) 2021282053 ( 4C )  
 2021282310 ( 14 ) 2021286275 ( 1B ) 2021286277 ( 1B )  
 2021286285 ( 1B ) 2021286288 ( 1B ) 2021286290 ( 1B )  
 2021286303 ( 1B ) 2021286416 ( 1B ) 2021286445 ( 1B )  
 2021287704 ( 4B ) 2021289874 ( 14 ) 2021291788 ( 4C )  
 2021315123 ( 4B ) 2021318673 ( 4B ) 2021342398 ( 1B )  
 2021353406 ( 14 ) 2021398590 ( 1B ) 2021399019 ( 1B )  
 2021399075 ( 1B ) 2021399133 ( 1B ) 2021399147 ( 1B )  
 2021399151 ( 1B ) 2021399215 ( 1B ) 2021399247 ( 1B )  
 2021399285 ( 1B ) 2021399287 ( 1B ) 2021399753 ( 1B )  
 2021399778 ( 1B ) 2021399848 ( 1B ) 2021399860 ( 1B )  
 2021399906 ( 1B ) 2021400027 ( 1B ) 2021400059 ( 1B )  
 2021400069 ( 1B ) 2021400221 ( 1B ) 2021400230 ( 1B )  
 2021400282 ( 1B ) 2021400317 ( 1B ) 2021400321 ( 1B )  
 2021400415 ( 1B ) 2021400427 ( 1B ) 2021400503 ( 1B )  
 2021400519 ( 1B ) 2021400598 ( 1B ) 2021400599 ( 1B )  
 2021400725 ( 1B ) 2021400745 ( 1B ) 2021400746 ( 1B )  
 2021400828 ( 1B ) 2021400851 ( 1B ) 2021400953 ( 1B )  
 2021401052 ( 1B ) 2021401056 ( 1B ) 2021401279 ( 1B )  
 2021401298 ( 1B ) 2021401301 ( 1B ) 2021401316 ( 1B )  
 2021401325 ( 1B ) 2021401369 ( 1B ) 2021401403 ( 1B )  
 2021401424 ( 1B ) 2021401681 ( 1B ) 2021401732 ( 1B )  
 2021401804 ( 1B ) 2021401817 ( 1B ) 2021401882 ( 1B )  
 2021401884 ( 1B ) 2021402160 ( 1B ) 2021402178 ( 1B )  
 2021402179 ( 1B ) 2021402415 ( 1B ) 2021402427 ( 1B )  
 2021402526 ( 1B ) 2021402527 ( 1B ) 2021402528 ( 1B )  
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 2021403356 ( 1B ) 2021403415 ( 1B ) 2021403493 ( 1B )  
 2021403497 ( 1B ) 2021403588 ( 1B ) 2021403616 ( 1B )  
 2021403631 ( 1B ) 2021403832 ( 1B ) 2021403833 ( 1B )  
 2021403916 ( 1B ) 2021403921 ( 1B ) 2021403959 ( 1B )  
 2021404204 ( 1B ) 2021404349 ( 5C ) 2021404358 ( 1B )  
 2021404412 ( 1B ) 2021404495 ( 1B ) 2021404501 ( 1B )  
 2021405008 ( 1B ) 2021405127 ( 1B ) 2021408085 ( 1B )  
 2021408160 ( 1B ) 2021410632 ( 1B ) 2021410668 ( 1B )  
 2021410797 ( 1B ) 2021446331 ( 4A ) 2021446653 ( 4C )

**2022**

2022201855 ( 14 ) 2022202881 ( 4C ) 2022202958 ( 14 )  
 2022203097 ( 14 ) 2022203292 ( 5C ) 2022204246 ( 4C )  
 2022204462 ( 14 ) 2022204517 ( 1B ) 2022204706 ( 14 )  
 2022204759 ( 4C ) 2022207504 ( 5C ) 2022209307 ( 14 )  
 2022229923 ( 5C ) 2022263535 ( 5C ) 2022270144 ( 25D )  
 2022275398 ( 5C ) 2022282537 ( 5C ) 2022288061 ( 5C )  
 2022291260 ( 5C ) 2022312095 ( 5C ) 2022315012 ( 5C )  
 2022316851 ( 5C ) 2022323006 ( 5C ) 2022342091 ( 5C )  
 2022346331 ( 5C ) 2022348386 ( 5C ) 2022375400 ( 5C )

**2023**

2023201699 ( 4C ) 2023201926 ( 25D ) 2023202464 ( 4C )  
 2023204349 ( 5C ) 2023208148 ( 4C ) 2023214208 ( 5C )  
 2023214264 ( 4C ) 2023214272 ( 25D ) 2023216886 ( 5C )  
 2023219824 ( 5C ) 2023241374 ( 5C ) 2023248172 ( 4C )  
 2023258319 ( 4C ) 2023258398 ( 5C ) 2023263488 ( 5C )  
 2023263521 ( 5C ) 2023266357 ( 5C ) 2023270227 ( 5C )  
 2023278005 ( 5C ) 2023285885 ( 5C ) 2023285956 ( 5C )

**2024**

2024200054 ( 25D ) 2024200075 ( 5C ) 2024200694 ( 5C )  
 2024200710 ( 4C ) 2024201179 ( 5C ) 2024201817 ( 5C )  
 2024201820 ( 4C ) 2024203429 ( 4C ) 2024203928 ( 5CN )  
 2024203974 ( 4C ) 2024204231 ( 4C ) 2024205071 ( 25D )

2024205150 ( 5C ) 2024219650 ( 4C ) 2024219957 ( 5CN )  
 2024227223 ( 5C ) 2024227491 ( 5C ) 2024227492 ( 5C )  
 2024227493 ( 5C ) 2024227511 ( 5CN ) 2024903990 ( 12AN )  
 2024904017 ( 12BN ) 2024904124 ( 12BN ) 2024904243 ( 12AN )

**2025**

2025230701 ( 1B ) 2025230814 ( 12CN ) 2025230816 ( 12CN )  
 2025234130 ( 1B ) 2025234150 ( 12CN ) 2025234159 ( 12CN )  
 2025237932 ( 12CN ) 2025237933 ( 12CN ) 2025237975 ( 7CN )  
 2025237976 ( 12CN ) 2025238018 ( 7AN ) 2025238029 ( 7AN )  
 2025900199 ( 12AN ) 2025904198 ( 12AN ) 2025904414 ( 17AN )  
 2025905520 ( 12AN ) 2025906046 ( 12AN )

**Assignments before Grant, Section 113**

**2019**

2019218400 The Scripps Research Institute The application has been assigned to **University of Florida Research Foundation, Inc.**

2019294615 Titan Pharmaceuticals, Inc. The application has been assigned to **Reacx Pharmaceuticals, Inc.**

**2020**

2020211000 BeiGene, Ltd. The application has been assigned to **BeOne Medicines I GmbH**

2020222048 Greengage Agritech Limited The application has been assigned to **Rol-Tech-Mar SP. Z O.O.**

2020261317 SmartResQ ApS The application has been assigned to **SmartResQ GmbH**

2020386864 Shivanka Research LLC The application has been assigned to **Kashiv BioSciences, LLC**

2020410192 Sustainable Marine Energy Limited The application has been assigned to **reconcept GmbH**

**2021**

2021216390 House of Design LLC The application has been assigned to **Builders FirstSource, Inc.**

2021221688 Sunbase Pty Ltd The application has been assigned to **Harvok Pty Ltd**

2021256580 BeiGene, Ltd. The application has been assigned to **BeOne Medicines I GmbH**

2021264916 BeiGene, Ltd. The application has been assigned to **BeOne Medicines I GmbH**

2021286070 BeiGene, Ltd. The application has been assigned to **BeOne Medicines I GmbH**

2021331368 Carisma Therapeutics Inc. The application has been assigned to **Resolution Therapeutics Limited**

2021345852 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

**Assignments before Grant, Section 113**

2021348463 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

2021352535 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

**2022**

2022204504 Vivasor, Inc. The application has been assigned to **China Oncology Focus Limited**

2022227972 SUSTAINABLE MARINE ENERGY LIMITED The application has been assigned to **reconcept GmbH**

2022290563 Vivasor, Inc. The application has been assigned to **SOFUSA HOLDINGS LLC**

2022303449 UNIVERSAL QUANTUM LTD; UNIVERSITY OF SUSSEX The application has been assigned to **UNIVERSAL QUANTUM LTD**

2022311812 MYDECINE INNOVATIONS GROUP INC. The application has been assigned to **Apoapsis Holdings, LLC**

2022313843 SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES; SOUTHERN MARINE SCIENCE AND ENGINEERING GUANGDONG LABORATORY (GUANGZHOU) The application has been assigned to **SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES; SOUTHERN MARINE SCIENCE AND ENGINEERING GUANGDONG LABORATORY (GUANGZHOU); Sanya Institute of Ocean Eco-Environmental Engineering**

2022329961 Vivasor, Inc. The application has been assigned to **SOFUSA HOLDINGS LLC**

2022424178 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

2022427613 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

**2023**

2023225730 MYDECINE INNOVATIONS GROUP INC. The application has been assigned to **Apoapsis Holdings, LLC**

2023248394 BIOLEXIS THERAPEUTICS, INC. The application has been assigned to **Baerenkraft Therapeutics, LLC**

2023250538 BIOLEXIS THERAPEUTICS, INC. The application has been assigned to **Baerenkraft Therapeutics, LLC**

2023260284 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

2023269777 NESS THERAPEUTICS, INC. The application has been assigned to **Mondego Bio, Lda.**

2023282477 BEIGENE, LTD. The application has been assigned to **BeOne Medicines I GmbH**

**Assignments before Grant, Section 113**

2023338761 MYDECINE INNOVATIONS GROUP INC. The application has been assigned to **Apoapsis Holdings, LLC**

**2024**

2024200418 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024200705 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024200793 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024201699 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024202188 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024203424 Centurion Medical Products Corporation The application has been assigned to **Medline Industries, LP**

2024203549 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024204578 Sustainable Marine Energy Limited The application has been assigned to **reconcept GmbH**

2024204950 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2024206414 ONCOINVENT AS The application has been assigned to **OncoInvent Solutions AS**

2024227675 Sunbase Pty Ltd The application has been assigned to **Harvok Pty Ltd**

2024243762 HARMONIC BIONICS, INC. The application has been assigned to **Bioness Medical, Inc.**

2024264750 Hemispherian AS The application has been assigned to **Tetragon Biosciences Ltd.**

2024265029 H2 CLIPPER, INC. The application has been assigned to **H2C Safety Pipe, Inc.**

2024281216 WHILX, INC.; WHILX TECHNOLOGIES LTD. The application has been assigned to **Whilx Technologies Ltd**

2024316796 MB PHARMA S.R.O. The application has been assigned to **MB PHARMA GROUP s.r.o.**

**2025**

2025200162 Norwood Industries Inc. The application has been assigned to **Norwood Industries (Canada) Inc.**

2025202476 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

**Assignments before Grant, Section 113**

2025208558 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

2025252643 LG Electronics Inc. The application has been assigned to **Nokia Technologies Oy**

**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.

**2018**

2018248070 **The University of Western Australia** An application to extend the time from 06 Apr 2025 to 06 Nov 2025 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2020**

2020202840 **Lycopodium Minerals Pty Ltd** An application to extend the time from 29 Apr 2025 to 29 Nov 2025 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020256913 **Bailey, D.** An application to extend the time from 09 Apr 2025 to 09 Dec 2025 in which to pay a continuation fee has been filed . Address for service - Deon Mathew bailey 36 Etheridge Cres Edgeworth NSW 2285 AU

**2021**

2021394086 **Formosa Saint Jose Corp.** An application to extend the time from 13 May 2025 to 13 Dec 2025 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

**2023**

2023346524 **SANIA TX LTD** An application to extend the time from 23 Apr 2025 to 23 Nov 2025 in which to enter the National Phase has been filed . Address for service - Alder IP Pty Ltd Suite 302, 10 Help Street Chatswood NSW 2067 AU

**2024**

2024202973 **Ecolab USA Inc.** An application to extend the time from 10 Mar 2025 to 10 Nov 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024203577 **Ecolab USA Inc.** An application to extend the time from 12 Feb 2025 to 12 Nov 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024227043 **Dunlop, T.** An application to extend the time from 01 May 2025 to 01 Dec 2025 in which to pay a continuation fee has been filed . Address for service - Ahearn Fox PO Box 9398, Wynnum Plaza Brisbane QLD 4178 AU

**Extensions of Time, Section 223**

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

**2018**

2018210174 **Protagonist Therapeutics, Inc.** The time in which to pay a renewal fee has been extended to 18 Aug 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

**2021**

2021221431 **Tred Outdoors Pty Ltd** The time in which to request examination has been extended to 09 Dec 2025 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2021372809 **PHILIP MORRIS PRODUCTS S.A.** The time in which to request examination has been extended to 05 Nov 2025 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2021390926 **WORK AIR TECHNOLOGIES PTY LTD** The time in which to request examination has been extended to 09 Dec 2025 . Address for service - Elliptic Legal & Patent Services SE 5A 63 Shepperton RD Victoria Park WA 6100 AU

2021392820 **WORK AIR TECHNOLOGIES PTY LTD** The time in which to request examination has been extended to 09 Dec 2025 . Address for service - Elliptic Legal & Patent Services SE 5A 63 Shepperton RD Victoria Park WA 6100 AU

**2023**

2023200384 **Brilliant Light Power, Inc.** The time in which to pay a continuation fee has been extended to 29 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023270291 **Moore, C.** The time in which to gain acceptance has been extended to 04 Feb 2026 . Address for service - Chris Moore 16 Karadoc St Dromana VIC 3936 AU

**2025**

2025203459 **Lerch Surf Products Pty Ltd** The time in which to associate with a complete application has been extended to 13 May 2025 . Address for service - LAMINAR IP PTY LTD PO Box 1188 North Sydney NSW 2059 AU

2025226848 **Cage Bio Inc.** The time in which to request examination has been extended to 16 Dec 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2025238006 **Hokowhiti IP Limited** The time in which to request examination has been extended to 01 Jan 2026 . Address for service - Mavin Intellectual Property Eastbourne, PO Box 41044 Lower Hutt 5047 NZ

2025260013 **NEOCRETE LIMITED** The time in which to make a further application for a divisional patent has been extended to 17 Nov 2025 . Address for service - Prime Innovation Limited Suite 13920, Auckland, PO Box 106910 Auckland 1143 NZ

**Amendments**

**Applications for Amendment**

**Amendments**

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

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

**2012**

2012203020 A gaming system and a method of gaming **Aristocrat Technologies Australia Pty Limited** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

**2018**

2018223220 A lock assembly with a retention means **ASSA ABLOY Australia Pty Limited** The nature of the amendment is as shown in the statement(s) filed 26 Nov 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 24171 Melbourne VIC 3001 AU

2018240463 Systems and methods for capacitive fluid level detection, and handling containers **Gen-Probe Incorporated** The nature of the amendment is: Amend the name of the inventor to read Opalsky, David; Buse, David; Tuggle, James T.; Navarro, Alex; Sheehan, Patrick; Olaf and Gerlach, Gabriel . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2018279788 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Van Os, Marcel; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; Devine, Lynne; Dryer, Allison; Foss, Christopher Patrick; Griffin, Bradley W.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William, M.; Verweij, Hugo; Ying, Charles H.; Yerkes, Giancarlo; Dye, Alan C.; Ive, Jonathan P. and LINDMEIER, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018312629 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Van Os, Marcel; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; De Vries, Nathan; Devine, Lynne; Dryer, Allison; Dye, Alan C.; Foss, Christopher Patrick; Griffin, Bradley W.; Ive, Jonathan P.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William M.; Verweij, Hugo; Yerkes, Giancarlo; Ying, Charles H. and LINDMEIER, William D. . Address for service - FPA Patent Attorneys Pty Ltd MLC Centre Martin Place SYDNEY NSW 2000 AU

**2019**

2019200360 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick; GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAUX, Jean-Pierre M.; MOUSSETTE, Camille; PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C.; IVE, Jonathan

**Amendments**

P. and LINDMEIER, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019201101 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Van Os, Marcel; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; De Vries, Nathan; Devine, Lynne; Dryer, Allison; Dye, Alan C.; Foss, Christopher Patrick; Griffin, Bradley W.; Ive, Jonathan P.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William M.; Verweij, Hugo; Yerkes, Giancarlo; Ying, Charles and Lindmeier, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019234918 Increasing tissue specific gene delivery by capsid modification **Research Institute at Nationwide Children's Hospital** The nature of the amendment is as shown in the statement(s) filed 06 Nov 2025 . Address for service - HENRY HUGHES IP LTD PO Box 356 Wellington 6140 NZ

2019270459 Anti-MUC1 antibody-drug conjugate **Daiichi Sankyo Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019327425 Sample-to-answer microfluidic system and method including vertical microfluidic device and automated actuation mechanisms **Novel Microdevices, Inc.** The nature of the amendment is: Amend the name of the inventor to include Hamdi Joda. . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd Brisbane Club Tower L 15 241 Adelaide St Brisbane City QLD 4000 AU

2019335236 Passage establishment device for posterior spinal fusion minimally invasive surgery **Shanghai Sanyou Medical Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read LIU, Xing and LIU, Michael Mingyan. . Address for service - Phillips Ormonde Fitzpatrick PO Box 24171 Melbourne VIC 3001 AU

2019375126 Therapeutic nanoparticles which encapsulate terpenoids and/or cannabinoids **GBS Global Biopharma, Inc. ; University of Seville** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2025 . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

**2020**

2020200795 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Van Os, Marcel; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; De Vries, Nathan; Devine, Lynne; Dryer, Allison; Dye, Alan C.; Foss, Christopher Patrick; Griffin, Bradley W.; Ive, Jonathan P.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William M.; Verweij, Hugo; Yerkes, Giancarlo; Ying, Charles H. and Lindmeier, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020201306 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick;

**Amendments**

GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAU, Jean-Pierre M.; MOUSSETTE, Camille; PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C.; IVE, Jonathan P. and LINDMEIER, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020204256 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick; GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAU, Jean-Pierre M.; MOUSSETTE, Camille; PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C. IVE, Jonathan P. and LINDMEIER, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020239783 Implementation of biometric authentication **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read VAN OS, Marcel; ABBASIAN, Reza; ANTON, Peter D.; BEHZADI, Arian; BERNSTEIN, Jeffrey Traer; DASCOLA, Jonathan R.; DEVINE, Lynne; DRYER, Allison; FOSS, Christopher Patrick; GRIFFIN, Bradley W.; LEMMENS, Cas; MALIA, Joseph A.; MARI, Pedro; MOHSENI, Daamun; MOUILLESEAU, Jean-Pierre M.; MOUSSETTE, Camille; PAUL, Grant; PRESTON, Daniel Trent; PUGH, Chelsea E.; SHARMA, Praveen; TYLER, William M.; VERWEIJ, Hugo; YING, Charles H.; YERKES, Giancarlo; DYE, Alan C.; IVE, Jonathan P. and LINDMEIER, William D. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020379796 Tricyclic dihydroimidazopyrimidone derivative, preparation method thereof, pharmaceutical composition and use thereof **Shanghai SIMRD Biotechnology Co., Ltd ; Shanghai SIMR Biotechnology Co., Ltd** The nature of the amendment is as shown in the statement(s) filed 28 Nov 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

**Amendments Made**

**2015**

2015326911 **Neurimmune Holding AG** The nature of the amendment is as shown in the statement filed 31 Jul 2025

**2018**

2018328052 **Pharmacosmos Holding A/s** The nature of the amendment is as shown in the statement(s) filed 12 Aug 2025

**2019**

2019241892 **CreateAI, Inc.** The nature of the amendment is: to amend the applicant name to CreateAI, Inc.

2019264622 **Illinois Tool Works Inc.** The nature of the amendment is as shown in the statement filed 16 Jul 2025

2019366819 **SynDevRx Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2025

**Amendments**

**2020**

2020202311 **The Raymond Corporation** The nature of the amendment is: Amend the name of the inventor to read Tracy, Erik C. and Bordwell, Kevin T.

2020257038 **CreateAI, Inc.** The nature of the amendment is: To amend the applicant name to CreateAI, Inc.

2020301400 **CaaMTech, Inc.** The nature of the amendment is: To amend the applicant name to CaaMTech, Inc.

2020347729 **Innovent Biologics (Suzhou) Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2025, 11 Jun 2025, 29 Aug 2025 and 15 Sep 2025

2020387199 **CentricsBio, Inc.** The nature of the amendment is: Amend the name of the inventor to read JEON, Jaewon and LEE, Suin

**2021**

2021294240 **Innovacell GmbH** The nature of the amendment is: To amend the applicant name to Innovacell GmbH

2021313839 **FTGEN Corp** The nature of the amendment is: To amend the applicant name to FTGEN Corp

2021393987 **BAYER AKTIENGESELLSCHAFT** The nature of the amendment is: Amend the name of the inventor to read VAKALOPoulos, Alexandros; COLLIN-KRÖPELIN, Marie-Pierre; ORTEGA HERNANDEZ, Nuria; DIESKAU, Andre; BOULTADAKIS-ARAPINIS, Melissa; CANDISH, Lisa; STELLFELD, Timo; MATHAR, Ilka; HOFMEISTER, Lucas, Hudson; SANDNER, Peter; WUNDER, Frank; DIETZ, Lisa; WEBSTER, Robert, Alan; SCHMECK, Carsten; MONDRITZKI, Thomas; HAHN, Michael G.; FOLLMANN, Markus; DREHER, Jan and GROMOV, Alexey

**2022**

2022242141 **SYMBIOSIS C.M. LTD** The nature of the amendment is: Amend the name of the inventor to read BURG, Shira; SHAFRIR, Roey; BEN YOSEF, Eran; ELISHA, Elad and GREEN, Iris

2022270758 **TELEFLEX MEDICAL LLC** The nature of the amendment is: To amend the applicant name to TELEFLEX MEDICAL LLC

2022276735 **TELEFLEX MEDICAL LLC.** The nature of the amendment is: To amend the applicant name to TELEFLEX MEDICAL LLC.

2022356219 **WYVRN** The nature of the amendment is: To amend the applicant name to WYVRN

2022364722 **TELEFLEX MEDICAL LLC** The nature of the amendment is: To amend the applicant name to TELEFLEX MEDICAL LLC

2022381047 **CONOCOPHILLIPS COMPANY** The nature of the amendment is: Amend the name of the inventor to read CHEN, Qing; LUO, Xin; NEJAD, Amir; HU, Bo; OLSEN, Christopher S.; WAGNER, Alexander J.; SHAHIM, Iman; SCHNEIDER, Curt E.; SMITH, David D.; FLOWERS, Andy; ZHANG, Liu Chao and BARCLAY, Richard

2022403278 **JFE STEEL CORPORATION** The nature of the amendment is as shown in the statement(s) filed 22 Aug 2025

**Amendments**

2022425180 **TELEFLEX MEDICAL LLC** The nature of the amendment is: To amend the applicant name to TELEFLEX MEDICAL LLC

**2023**

2023203964 **CreateAI, Inc.** The nature of the amendment is: To amend the applicant name to CreateAI, Inc.

2023206161 **Teleflex Medical LLC** The nature of the amendment is: To amend the applicant name to Teleflex Medical LLC

2023233062 **Meso Scale Technologies, LLC.** The nature of the amendment is as shown in the statement(s) filed 21 Aug 2025

2023263551 **Canon Kabushiki Kaisha** The nature of the amendment is as shown in the statement filed 06 Aug 2025

2023296374 **WYVRN** The nature of the amendment is: To amend the applicant name to WYVRN

2023296954 **WYVRN** The nature of the amendment is: To amend the applicant name to WYVRN

2023304186 **60 Degrees Pharmaceuticals, Inc.** The nature of the amendment is: To amend the applicant name to 60 Degrees Pharmaceuticals, Inc.

2023440153 **SHENZHEN MAMMOTION INNOVATION CO., LIMITED** The nature of the amendment is: Amend the invention title to read ROBOTIC LAWN MOWER

2023446731 **PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS** The nature of the amendment is: Amend the invention title to read COMPREHENSIVE UTILIZATION METHOD FOR VALUABLE ELEMENTS IN HYDROMETALLURGICAL SLAG OF LATERITE NICKEL ORE

2023451418 **DAIKIN INDUSTRIES, LTD.; DAIKIN EUROPE N.V.** The nature of the amendment is: Amend the invention title to read Temperature adjustment system

**2024**

2024204394 **CreateAI, Inc.** The nature of the amendment is: To amend the applicant name to CreateAI, Inc.

2024204740 **TELEFLEX MEDICAL LLC** The nature of the amendment is: To amend the applicant name to TELEFLEX MEDICAL LLC

2024204741 **Teleflex Medical LLC** The nature of the amendment is: To amend the applicant name to Teleflex Medical LLC

2024226957 **SHENZHEN MAMMOTION INNOVATION CO., LIMITED** The nature of the amendment is: Amend the invention title to read DISPLAYING METHOD FOR MOWING OPERATION AREA AND RELATED APPARATUS

2024247905 **ASAHI GROUP HOLDINGS, LTD.** The nature of the amendment is: Amend the invention title to read Beverage server and pouring nozzle

**Amendments**

2024250863 **PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA** The nature of the amendment is: Amend the invention title to read Decoder, encoder, decoding method, and encoding method

2024253312 **DORMAKABA SCHWEIZ AG** The nature of the amendment is as shown in the statement(s) filed 01 Dec 2025

2024256204 **SENTI BIOSCIENCES, INC.** The nature of the amendment is as shown in the statement(s) filed 12 Nov 2025

2024262218 **CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2025

2024262589 **WONDERLAND SWITZERLAND AG** The nature of the amendment is: Amend the invention title to read Seat plate adjustment system and child safety seat

2024265824 **WYVRN** The nature of the amendment is: To amend the applicant name to WYVRN

2024281012 **MOEDANO LARA, R.F.** The nature of the amendment is: Amend the invention title to read PROCESS FOR OBTAINING A CRYSTALLIZED BOVINE FETAL SERUM WITH AGMATINE

2024285996 **MIMAKI ENGINEERING CO., LTD.** The nature of the amendment is: Amend the invention title to read IMAGE ASSIGNMENT SYSTEM

2024289488 **CG BIO CO., LTD.; INNOTEAM.INC** The nature of the amendment is: Amend the invention title to read INTERVERTEBRAL FUSION CAGE

2024302623 **CHART ENERGY & CHEMICALS, INC.** The nature of the amendment is: Amend the name of the inventor to read VIPPERLA, Ravikumar; TURNER, Peter, J.; HEYRMAN, Brent, A. and WATT, Mathew, R.

2024304267 **SMA SOLAR TECHNOLOGY AG** The nature of the amendment is: Amend the invention title to read Energy production plant with power converter unit

2024305891 **SMA SOLAR TECHNOLOGY AG** The nature of the amendment is: Amend the invention title to read Transmitter unit and method for coupling an electrical transmission signal into a DC voltage line

2024317524 **ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY(NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read VEHICLE STEERING CONTROL METHOD AND APPARATUS, VEHICLE AND STORAGE MEDIUM

2024317557 **AGC INC.** The nature of the amendment is: Amend the invention title to read MULTIPLE GLAZING

2024330120 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Control system for loading machine,

**Amendments**

control method for loading machine, and remote operation system for loading machine

2024331596 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Control system for loading machine, control method for loading machine, and remote operation system for loading machine

2024339260 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING COKE

2024339692 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING COKE

2024343090 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING COKE

2024387138 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery enclosure and energy storage system including the same

2024904070 **NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED** The nature of the amendment is: To amend the applicant name to NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED

**2025**

2025203037 **CaaMTech, Inc.** The nature of the amendment is: To amend the applicant name to CaaMTech, Inc.

2025263796 **CGG Services SAS** The nature of the amendment is: Amend the name of the inventor to read FLETCHER, Joe; BAINES, Alfred; HECKER, Christoph Andreas; VAN DER WERFF, Harald Michael Arnout; BOTHA, Andries Eliza Johannes; VIRGILIO PORTELA, Bruno and NIETSCH, Nils Nicolaas Johannes Evert

2025267522 **SPAX International GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read SCREW ELEMENT, ACTUATING TOOL, USE AND FORMING TOOL

2025275146 **Teleflex Medical LLC** The nature of the amendment is: To amend the applicant name to Teleflex Medical LLC

2025901859 **Stro Limited** The nature of the amendment is: To amend the applicant name to Stro Limited

2025905218 **Shipman, G.** The nature of the amendment is: To amend the applicant name to Gavin Shipman

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

**2011**

2011327848 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

**Amendments**

**2013**

2013262418 BIOHEAP Limited; Jason Alexander Fewings; Shawn Ginn Ming Seet ; Craig Geoffrey Fitzmaurice The name of the patentee has been altered to **BIOHEAP Limited**

**2014**

2014212096 CELATOR PHARMAEUTICALS, INC. The name of the patentee has been altered to **Jazz Pharmaceuticals Therapeutics, Inc.**

2014244361 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014244380 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014249274 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014253930 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014253956 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014307083 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014327152 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014364039 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2014364043 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

**2015**

2015358566 60 Degrees Pharmaceuticals, LLC; The Government of the United States as represented by The Secretary of the Army The name of the patentee has been altered to **The Government of the United States as represented by The Secretary of the Army; 60 Degrees Pharmaceuticals, Inc.**

**2016**

2016213800 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2016238968 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2016368580 Singapore Health Services Pte Ltd.; National University of Singapore; 60° Pharmaceuticals LLC The name of the patentee has been altered to **60 Degrees Pharmaceuticals, Inc.; National University of Singapore; Singapore Health Services Pte Ltd.**

**Amendments**

**2017**

2017201270 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2017221786 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2017251798 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2017305440 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

**2018**

2018251786 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2018256926 TuSimple, Inc. The name of the patentee has been altered to **CreateAI, Inc.**

2018290343 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2018330031 TuSimple, Inc. The name of the patentee has been altered to **CreateAI, Inc.**

2018366119 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2018369752 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

**2019**

2019307917 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2019379170 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2019382310 8082464 Canada Inc. The name of the patentee has been altered to **9539-7337 Quebec inc.**

**2020**

2020203284 TuSimple, Inc. The name of the applicant has been altered to **CreateAI, Inc.**

2020237959 John Bean Technologies Corporation The name of the applicant has been altered to **JBT Marel Corporation**

2020277150 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2020345889 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2020405150 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

**Amendments****2021**

2021203827 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

2021215231 FTR Labs Pty Ltd The name of the patentee has been altered to **FTR, LTD.**

2021231743 60 Degrees Pharmaceuticals LLC The name of the patentee has been altered to **60 Degrees Pharmaceuticals, Inc.**

2021355490 Teleflex Medical Incorporated The name of the patentee has been altered to **Teleflex Medical LLC**

**2022**

2022202708 TELEFLEX MEDICAL INCORPORATED The name of the patentee has been altered to **TELEFLEX MEDICAL LLC**

2022227066 JIANGXI JEMINCARE GROUP CO., LTD; SHANGHAI JEMINCARE PHARMACEUTICALS CO., LTD The name of the patentee has been altered to **Shanghai Jeyou Pharmaceutical Co., Ltd.; Jiangxi Jemincare Group Co., Ltd**

2022395102 SHANGHAI JEMINCARE PHARMACEUTICAL CO., LTD. The name of the applicant has been altered to **SHANGHAI JEYOU PHARMACEUTICAL CO., LTD.**

**2023**

2023200605 CaaMTech, LLC The name of the patentee has been altered to **CaaMTech, Inc.**

2023285825 Teleflex Medical Incorporated The name of the applicant has been altered to **Teleflex Medical LLC**

Applications Open to Public Inspection

Name Index

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

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2025271116  
 (21) 2025271116 (22) 21.11.2025  
 (54) Systems, devices, and methods relating to medication dose guidance

(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61B 5/0205** ( 2006.01 )  
**A61B 5/022** ( 2006.01 )  
**A61B 5/1455** ( 2006.01 )

(43) 18.12.2025  
 (62) 2020324387  
 (72) HAYTER, Gary A.; BHATTACHARYA, Aparajita; BUDIMAN, Erwin S.; NOVAK, Matthew T.; JIN, Taihao; TAUB, Marc B.; FERN, Jonathan M.; XU, Yongjin; ZHU, Kaiyuan; COVINGTON, Kendall  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Abbott Diabetes Care Inc.  
 (11) AU-A-2025271139  
 (21) 2025271139 (22) 21.11.2025  
 (54) Systems, devices, and methods for improved meal and therapy interfaces in analyte monitoring systems

(51) Int. Cl.  
**G16H 20/10** ( 2018.01 )  
**A61J 7/04** ( 2006.01 )  
**G16H 20/60** ( 2018.01 )

(43) 18.12.2025  
 (62) 2020205079  
 (72) BUDIMAN, Erwin S.; HAYTER, Gary A.  
 (74) FPA Patent Attorneys Pty Ltd

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(71) ABB Schweiz AG  
 (11) AU-A-2025203067  
 (21) 2025203067 (22) 30.04.2025  
 (54) Computer-implemented method and system for configurating an electrical information of at least one module using an engineering tool

(51) Int. Cl.  
**G06F 9/44** ( 2018.01 )  
**G05B 19/18** ( 2006.01 )  
**G05B 19/418** ( 2006.01 )  
**G06F 8/30** ( 2018.01 )  
**G06F 8/40** ( 2018.01 )  
**G06F 8/71** ( 2018.01 )

(31) 24 179 655.6 (32) 03.06.24 (33) EP  
 (43) 18.12.2025  
 (72) STARK, Katharina; HOERNICKE, Mario  
 (74) Griffith Hack

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(71) Abfero Pharmaceuticals, Inc.; University of Florida Research Foundation, Inc.  
 (11) AU-A-2025271401  
 (21) 2025271401 (22) 27.11.2025  
 (54) Dosing regimens for treating metal-mediated conditions

(51) Int. Cl.  
**A61K 31/4196** ( 2006.01 )  
**A61K 31/164** ( 2006.01 )  
**A61K 31/198** ( 2006.01 )  
**A61K 31/4412** ( 2006.01 )

(43) 18.12.2025  
 (62) 2023229497  
 (72) BERGERON JR., Raymond J.; BURKE, Steven Keith  
 (74) FB Rice Pty Ltd

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(71) Acer Incorporated  
 (11) AU-A-2025271075  
 (21) 2025271075 (22) 20.11.2025  
 (54) DEVICE AND METHOD FOR HANDLING SEARCH SPACE SET GROUP AND TRANSMISSION CONFIGURATION INDICATOR STATE

(51) Int. Cl.  
**H04W 72/23** ( 2023.01 )  
**H04L 5/00** ( 2006.01 )  
**H04W 72/02** ( 2009.01 )  
**H04W 72/04** ( 2023.01 )

(43) 18.12.2025  
 (62) 2024201179  
 (72) LO, Li-Chung; LEE, Chien-Min; CHEN, Jen-Hsien  
 (74) Griffith Hack

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(71) Acres Technology  
 (11) AU-A-2025271079  
 (21) 2025271079 (22) 20.11.2025  
 (54) Bonus with Proximity of Occurrence Related to Base Game Outcomes or Payback Percentage

(51) Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**G07F 17/34** ( 2006.01 )

(43) 18.12.2025  
 (62) 2023278005  
 (72) Acres, John F.  
 (74) IP Sentinels

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(71) Adama Makhteshim Ltd.  
 (11) AU-A-2025271261  
 (21) 2025271261 (22) 25.11.2025  
 (54) Mixtures and compositions comprising 5-fluoro-4-imino-3-methyl-1-tosyl-3,4-dihydropyrimidin-2-one, and methods of use thereof

(51) Int. Cl.  
**A01N 25/02** ( 2006.01 )  
**A01N 25/04** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
**A01N 25/30** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**C07D 239/47** ( 2006.01 )

(43) 18.12.2025  
 (62) 2019374510  
 (72) LERNER YARDENI, Jenny; SHEFFER, Noam; SHABTAL, Sami; SLOAN, James  
 (74) Spruson & Ferguson

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(71) Adama Makhteshim Ltd.  
 (11) AU-A-2025271351  
 (21) 2025271351 (22) 26.11.2025  
 (54) Use of Cyclodextrins as Agrochemical Delivery System

(51) Int. Cl.  
**A01N 31/06** ( 2006.01 )  
**A01N 33/18** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 47/04** ( 2006.01 )  
**A01N 47/14** ( 2006.01 )  
**A01N 47/34** ( 2006.01 )  
**A01N 47/38** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )

(43) 18.12.2025  
 (62) 2019367327  
 (72) AMSELEM, Shimon; KOREN, Lital; SOHAJDA, Tamás; FÜLÖP, Zoltán; PUSKÁS, István  
 (74) Davies Collison Cave Pty Ltd

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(71) Adamed Pharma S.A.  
 (11) AU-A-2025271374  
 (21) 2025271374 (22) 26.11.2025  
 (54) Liquid pharmaceutical composition comprising cytosine

(51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A24B 15/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 47/02** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/18** ( 2017.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/36** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

(43) 18.12.2025  
 (62) 2020403384  
 (72) KUBIAK, Bartłomiej; RZASA, Joanna; ZARZYCKA, Mariola; GARBERA, Kamil  
 (74) Spruson & Ferguson

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**Advanced Accelerator Applications (Italy) Srl see The Johns Hopkins University**  
 (21) 2025271182

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(71) AdvanSix Resins & Chemicals LLC  
 (11) AU-A-2025271404  
 (21) 2025271404 (22) 27.11.2025  
 (54) Siloxane derivatives of amino acids having surface-active properties

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.  
**C07F 7/08** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020334863  
 (72) ASIRVATHAM, Edward; HONCIUC, Andrei; MIHALI, Voichita  
 (74) Davies Collison Cave Pty Ltd

(71) Aesculap AG; IHI Ionbond AG  
 (11) AU-A-2025203859  
 (21) 2025203859 (22) 26.05.2025  
 (54) Process for coating an implant and an implant having a ceramic multi-layer coating  
 (51) Int. Cl.  
**H01J 37/34** ( 2006.01 )  
**A61L 27/30** ( 2006.01 )  
**C04B 35/58** ( 2006.01 )  
**C23C 14/06** ( 2006.01 )  
**C23C 14/35** ( 2006.01 )  
 (31) 24178830.6 (32) 29.05.24 (33) EP  
 (43) 18.12.2025  
 (72) Dohm, Julius; Richter, Berna; Grupp, Thomas; Schmidt, Susann; Santana, Antonio  
 (74) Davies Collison Cave Pty Ltd

(71) Agency for Defense Development  
 (11) AU-A-2025203304  
 (21) 2025203304 (22) 08.05.2025  
 (54) Method, device, and computer program for calculating fuzzy-based vulnerability of friendly unit  
 (51) Int. Cl.  
**G06Q 10/04** ( 2023.01 )  
**G06N 3/043** ( 2023.01 )  
 (31) 10-2024-0073244 (32) 04.06.24 (33) KR  
 (43) 18.12.2025  
 (72) SHIM, Sangheun; PARK, Kiwoong; RYU, Dong Kuk; SEOL, Swoo Woong  
 (74) GLMR

**Air Liquide France Industrie see L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude**  
 (21) 2025202642

(71) Akagera Medicines, Inc.  
 (11) AU-A-2025271423  
 (21) 2025271423 (22) 27.11.2025  
 (54) Oxazolidinone Compounds, Liposome Compositions Comprising Oxazolidinone Compounds And Methods Of Use Thereof  
 (51) Int. Cl.  
**A61K 31/422** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**C07D 263/20** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2021292747  
 (72) DRUMMOND, Daryl C.; TIPPAR-AJU, Suresh K.; NOBLE, Charles O.; KOSHKARYEV, Alexander; KIRPOTIN, Dmitri B.  
 (74) WRAYS PTY LTD

(71) Alcon Inc.  
 (11) AU-A-2025271068  
 (21) 2025271068 (22) 20.11.2025  
 (54) PATIENT-INDUCED TRIGGER OF A MEASUREMENT FOR OPHTHALMIC DIAGNOSTIC DEVICES  
 (51) Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**A61B 3/107** ( 2006.01 )  
**A61B 3/113** ( 2006.01 )  
**A61B 3/14** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020355335  
 (72) Birkner, Sascha; Gründig, Martin; Zieger, Peter  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.  
 (11) AU-A-2025271390  
 (21) 2025271390 (22) 27.11.2025  
 (54) Optical Coherence Metrology and Tomography with Improved Registration  
 (51) Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**G06T 7/30** ( 2017.01 )  
 (43) 18.12.2025  
 (62) 2024205080  
 (72) Frisken, Steven James; Frisken, Grant Andrew  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.  
 (11) AU-A-2025271391  
 (21) 2025271391 (22) 27.11.2025  
 (54) Optical Coherence Metrology and Tomography with Improved Registration  
 (51) Int. Cl.  
**A61B 3/10** ( 2006.01 )  
**G06T 7/30** ( 2017.01 )  
 (43) 18.12.2025  
 (62) 2024205080  
 (72) Frisken, Steven James; Frisken, Grant Andrew  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Aldous, S.  
 (11) AU-A-2025203964  
 (21) 2025203964 (22) 28.05.2025  
 (54) BICYCLE CARRIER RACK  
 (51) Int. Cl.  
**B60R 9/10** ( 2006.01 )  
**B62H 3/04** ( 2006.01 )  
 (31) 2024901593 (32) 28.05.24 (33) AU  
 (43) 18.12.2025  
 (72) Aldous, Stephen  
 (74) Stephen Aldous

(71) Allergan Sales, LLC  
 (11) AU-A-2025271432  
 (21) 2025271432 (22) 27.11.2025  
 (54) CGRP antagonists for the treatment of medication overuse headache, post-traumatic headache, post-concussion syndrome and vertigo  
 (51) Int. Cl.

**A61P 25/00** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 25/06** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020259461  
 (72) BRIN, Mitchell F.; BLUMENFELD, Andrew M.  
 (74) Davies Collison Cave Pty Ltd

(71) Alynlam Pharmaceuticals, Inc.  
 (11) AU-A-2025271184  
 (21) 2025271184 (22) 24.11.2025  
 (54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF TRANSTHYRETIN  
 (51) Int. Cl.  
**A61K 31/13** ( 2006.01 )  
**A61K 31/713** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C07H 21/02** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2023248138  
 (72) Sah, Dinah Wen-Yee; Hinkle, Gregory; Alvarez, Rene; Milstein, Stuart; Chen, Qingmin  
 (74) Griffith Hack

(71) Alpha HPA Limited  
 (11) AU-A-2024203658  
 (21) 2024203658 (22) 31.05.2024  
 (54) A method for coating a substrate  
 (51) Int. Cl.  
**C23C 2/12** ( 2006.01 )  
**C23C 2/40** ( 2006.01 )  
**H01M 4/04** ( 2006.01 )  
**H01M 4/88** ( 2006.01 )  
**C23C 2/02** ( 2006.01 )  
 (43) 18.12.2025  
 (72) Aravindakshan, Nikhil; Williamson, Robert  
 (74) JMDS IP Pty Ltd

(71) Amgen Inc.  
 (11) AU-A-2025271226  
 (21) 2025271226 (22) 25.11.2025  
 (54) Low pH pharmaceutical antibody formulation  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019216759  
 (72) CHRISTIAN, Twinkle R.; SHAN, Daxian  
 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-A-2025271309  
 (21) 2025271309 (22) 25.11.2025  
 (54) 3D particle imaging in pharmaceutical containers  
 (51) Int. Cl.  
**G01B 11/24** ( 2006.01 )

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**G01B 11/245** ( 2006.01 )  
**G01N 15/14** ( 2024.01 )

(43) 18.12.2025  
(62) 2020288819  
(72) MILNE, Graham F.; PEARSON, Thomas Clark; FRADKIN, Dmitry  
(74) Spruson & Ferguson

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(71) Angel Group Co., Ltd.  
(11) AU-A-2025271355  
(21) 2025271355 (22) 26.11.2025  
(54) Gaming chip and method for manufacturing the same  
(51) Int. Cl.  
**G06K 19/00** ( 2006.01 )

(43) 18.12.2025  
(62) 2023282265  
(72) Shigeta, Yasushi  
(74) Davies Collison Cave Pty Ltd

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(71) APPLE INC.  
(11) AU-A-2025271324  
(21) 2025271324 (22) 26.11.2025  
(54) Scalable system on a chip  
(51) Int. Cl.  
**G06F 3/06** ( 2006.01 )  
**G06F 13/10** ( 2006.01 )  
**G06F 15/78** ( 2006.01 )

(43) 18.12.2025  
(62) 2022332113  
(72) HAMMARLUND, Per H.; ZIMET, Lior; KOLOR, Sergio; LAHAV, Sagi; VASH, James; GARG, Gaurav; KUZL, Tal; GONION, Jeffry E.; TUCKER, Charles E.; LEVY-RUBIN, Lital; DAVIDOV, Dany; FISHWICK, Steven; LESHEM, Nir; PILIP, Mark; WILLIAMS III, Gerard R.; KAUSHIKKAR, Harshavardhan; SRIDHARAN, Srinivasa Rangan; TAMARI, Eran; TOTA, Sergio V.; REDSHAW, Jonathan M.; HUTSELL, Steven R.; FUKAMI, Shawn M.; GUNNA, Ramesh B.  
(74) FPA Patent Attorneys Pty Ltd

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(71) APPLE INC.  
(11) AU-A-2025271328  
(21) 2025271328 (22) 26.11.2025  
(54) Scalable system on a chip  
(51) Int. Cl.  
**G06F 3/06** ( 2006.01 )  
**G06F 13/10** ( 2006.01 )  
**G06F 15/78** ( 2006.01 )

(43) 18.12.2025  
(62) 2022332113  
(72) HAMMARLUND, Per H.; ZIMET, Lior; KOLOR, Sergio; LAHAV, Sagi; VASH, James; GARG, Gaurav; KUZL, Tal; GONION, Jeffry E.; TUCKER, Charles E.; LEVY-RUBIN, Lital; DAVIDOV, Dany; FISHWICK, Steven; LESHEM, Nir; PILIP, Mark; WILLIAMS III, Gerard R.; KAUSHIKKAR, Harshavardhan; SRIDHARAN, Srinivasa Rangan; TAMARI, Eran; TOTA, Sergio V.; REDSHAW, Jonathan M.; HUTSELL, Steven R.; FUKAMI, Shawn M.; GUNNA, Ramesh B.  
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation  
(11) AU-A-2025271420  
(21) 2025271420 (22) 27.11.2025  
(54) Reload cover for surgical stapling system  
(51) Int. Cl.  
**A61B 17/072** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
**A61B 17/29** ( 2006.01 )  
**A61B 90/00** ( 2016.01 )

(43) 18.12.2025  
(62) 2020253285  
(72) WEIDNER, Jeffrey; HUMPHREYS, Nicholas; HOPKINS, Timothy M.  
(74) Griffith Hack

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(71) Aquatech International, LLC  
(11) AU-A-2025271397  
(21) 2025271397 (22) 27.11.2025  
(54) PROCESS FOR SELECTIVE PURIFICATION OF LITHIUM FROM AN AQUEOUS LITHIUM SALT-CONTAINING SOLUTION  
(51) Int. Cl.  
**C22B 26/12** ( 2006.01 )  
**B01D 15/08** ( 2006.01 )  
**B01D 15/18** ( 2006.01 )  
**B01D 15/20** ( 2006.01 )  
**C22B 3/24** ( 2006.01 )

(43) 18.12.2025  
(62) 2024200807  
(72) Collias, Constantine; Bootsma, Jason Alan; Shay, Daniel Travis  
(74) PHILLIPS ORMONDE FITZPATRICK

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(71) Arborentis LLC  
(11) AU-A-2025271069  
(21) 2025271069 (22) 20.11.2025  
(54) Compositions and methods of use comprising substances with neural plasticity actions administered at non-psychedelic/psychotomimetic dosages and formulations  
(51) Int. Cl.  
**A61K 31/137** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )

(43) 18.12.2025  
(62) 2020231231  
(72) FOLLI, Franco; ALIMONTI, Andrea; SGRIGNANI, Jacopo; CAVALLI, Andrea; MANFREDI, Paolo L.; INTURRISI, Charles E.; DE MARTIN, Sara; MATTAREI, Andrea; ROLANDO, Maurizio; GIORDANO, Giovanni; LODOVICH, Claudia; BRUN, Paola; PAPPAGALLO, Marco  
(74) Spruson & Ferguson

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(71) ARCHER AVIATION INC.  
(11) AU-A-2025271147  
(21) 2025271147 (22) 21.11.2025  
(54) SYSTEMS AND METHODS FOR ROTOR ASSEMBLIES AND MANUFACTURING THEREOF  
(51) Int. Cl.  
**H02K 1/278** ( 2022.01 )

**H02K 15/03** ( 2006.01 )  
**H02K 1/20** ( 2006.01 )  
**H02K 7/14** ( 2006.01 )

(43) 18.12.2025  
(62) 2023448169  
(72) GRAVES, Scott; SILVA, Diego; SMOOT, Heath  
(74) AJ PARK

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(71) Aristocrat Technologies Australia Pty Limited  
(11) AU-A-2025271098  
(21) 2025271098 (22) 20.11.2025  
(54) CURVED BUTTON DECK DISPLAY  
(51) Int. Cl.  
**A63F 13/90** ( 2014.01 )  
**A63F 13/20** ( 2014.01 )  
**A63F 13/25** ( 2014.01 )  
**G07F 17/32** ( 2006.01 )

(43) 18.12.2025  
(62) 2019272037  
(72) JADEJA, Rajendrasinh; URBAN, Bruce  
(74) Griffith Hack

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(71) Arjo IP Holding Aktiebolag  
(11) AU-A-2025271353  
(21) 2025271353 (22) 26.11.2025  
(54) THIGH-ONLY DEEP VEIN THROMBOSIS DEVICE AND DOUBLE PULSATATION METHOD OF USING DEVICE  
(51) Int. Cl.  
**A61H 9/00** ( 2006.01 )

(43) 18.12.2025  
(62) 2019362195  
(72) NEWTON, Michael David; MORRIS, John Rhys; PAIGE, Lisa Maria  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Artled Technology Corp.  
(11) AU-A-2024220139  
(21) 2024220139 (22) 26.09.2024  
(54) RETRACTABLE BOLLARD LIGHT  
(51) Int. Cl.  
**E01F 9/615** ( 2016.01 )  
**F21S 8/08** ( 2006.01 )

(31) 18/675,428 (32) 28.05.24 (33) US  
(43) 18.12.2025  
(72) Tsao, Chia-Tsung; Wu, Chong-Shian  
(74) Madderns Pty Ltd

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(71) Astellas US LLC  
(11) AU-A-2025271125  
(21) 2025271125 (22) 21.11.2025  
(54) Methods for treating or preventing ophthalmological conditions  
(51) Int. Cl.  
**A61P 27/02** ( 2006.01 )

(43) 18.12.2025  
(62) 2024200948  
(72) PATEL, Samir  
(74) Spruson & Ferguson

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(71) Augury Systems Ltd.  
(11) AU-A-2025271311  
(21) 2025271311 (22) 25.11.2025

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(54) Sensor-agnostic mechanical machine fault identification  
 (51) Int. Cl.  
**G16Z 99/00** ( 2019.01 )  
 (43) 18.12.2025  
 (62) 2020343526  
 (72) NEGRI, Ori; BETHEL, Christopher; BARSKY, Daniel; BEN-HAIM, Gal; SHAUL, Gal; YOSKOVITZ, Saar  
 (74) Spruson & Ferguson

(71) AUM PAPER PRODUCTS PRIVATE LIMITED  
 (11) AU-A-2025271144  
 (21) 2025271144 (22) 21.11.2025  
 (54) A PAPER BASED CORRUGATED ENVELOPE  
 (51) Int. Cl.  
**B65D 27/00** ( 2006.01 )  
**B32B 23/06** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2021404349  
 (72) EKTA, Chandan Mahesh  
 (74) Madderns Pty Ltd

(71) Access Global Sciences, LLC  
 (11) AU-A-2025267353  
 (21) 2025267353 (22) 12.11.2025  
 (54) Non-racemic beta-hydroxybutyrate compounds and compositions enriched with the R-enantiomer and methods of use  
 (51) Int. Cl.  
**A61K 31/19** ( 2006.01 )  
**A23L 33/12** ( 2016.01 )  
**A61P 3/08** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020222897  
 (72) MILLET, Gary  
 (74) Davies Collison Cave Pty Ltd

(71) BASF Agricultural Solutions Seed US LLC  
 (11) AU-A-2025238050  
 (21) 2025238050 (22) 25.09.2025  
 (54) Plants containing elite event EE-GM5 and methods and kits for identifying such event in biological samples, and treatment thereof  
 (51) Int. Cl.  
**C12N 9/00** ( 2006.01 )  
**C12N 15/82** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019272941  
 (72) MOSER, Hal; HABEX, Veerle; DAUM, Julia; KLEVEN, Thomas; BEILINSON, Vadim; MCCARVILLE, Michael; MULLOCK, Jeremiah  
 (74) Griffith Hack

(71) Battelle Memorial Institute  
 (11) AU-A-2025271381  
 (21) 2025271381 (22) 26.11.2025  
 (54) Polymer-Functionalized Magnetic Particle Embodiments for Solute Separation, and Devices and Systems for using the Same

(51) Int. Cl.  
**H01F 1/00** ( 2006.01 )  
**C08K 3/22** ( 2006.01 )  
**C08K 3/30** ( 2006.01 )  
**C08K 9/08** ( 2006.01 )  
**C08L 25/18** ( 2006.01 )  
**C08L 79/02** ( 2006.01 )  
**H01F 1/42** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020289275  
 (72) LIU, Jian; MCGRAIL, Peter B.; NUNE, Satish; SINNWELL, Michael; THAL-LAPALLY, Praveen  
 (74) MBIP

(71) Bausch & Lomb Incorporated  
 (11) AU-A-2025271194  
 (21) 2025271194 (22) 24.11.2025  
 (54) Ophthalmic suspension composition  
 (51) Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/14** ( 2006.01 )  
**A61K 31/56** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/32** ( 2006.01 )  
**A61K 47/38** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2023248145  
 (72) SHAWER, Mohannad; PHILLIPS, Eric; COFFEY, Martin J.  
 (74) Spruson & Ferguson

(71) Bayer HealthCare LLC  
 (11) AU-A-2025271137  
 (21) 2025271137 (22) 21.11.2025  
 (54) Single-use disposable set connector  
 (51) Int. Cl.  
**A61M 5/142** ( 2006.01 )  
**A61M 5/145** ( 2006.01 )  
**A61M 5/168** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2022202007  
 (72) Sokolov, Richard; Cullen, Benjamin James; Norcott, Alison Ruth; Monis, Ernesto Hueso; Law, Kamman; Profaca, Mark Silvio; Haury, John A.; Swantner, Michael  
 (74) Davies Collison Cave Pty Ltd

(71) BEDGEAR, LLC  
 (11) AU-A-2025271376  
 (21) 2025271376 (22) 26.11.2025  
 (54) Customizable Mattress  
 (51) Int. Cl.  
**A47C 27/05** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2023254896  
 (72) Alletto Jr., Eugene  
 (74) MBIP

(71) Beijing HyperStrong Technology Co., Ltd.  
 (11) AU-A-2025200427  
 (21) 2025200427 (22) 22.01.2025

(54) CELL SAFETY PREDICTION METHOD, APPARATUS, DEVICE, AND METHOD  
 (51) Int. Cl.  
**H01M 10/48** ( 2006.01 )  
**G01K 7/00** ( 2006.01 )  
**G01R 31/385** ( 2019.01 )  
**G01R 31/392** ( 2019.01 )  
**H02J 7/00** ( 2006.01 )  
 (31) 202410684615.4 (32) 29.05.24 (33) CN  
 (43) 18.12.2025  
 (72) Tang, Kexin; Chen, Yuanlu; Wang, Lei; Yang, Guang  
 (74) ET Intellectual Property

(71) BicycleTx Limited  
 (11) AU-A-2025271131  
 (21) 2025271131 (22) 21.11.2025  
 (54) Bicyclic peptide ligands specific for MT1-MMP  
 (51) Int. Cl.  
**A61P 35/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C12N 9/64** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019398516  
 (72) CHEN, Lihong; RICHARDS, Euan; LANI, Rachid; MUDD, Gemma; STACE, Catherine; TEUFEL, Daniel; WALKER, Edward  
 (74) Allens Patent & Trade Mark Attorneys

(71) Blackhawk Network, Inc.  
 (11) AU-A-2025271195  
 (21) 2025271195 (22) 24.11.2025  
 (54) Pre-printed and pre-selected lottery tickets for point-of-sale purchase  
 (51) Int. Cl.  
**G06Q 50/34** ( 2012.01 )  
**G07F 17/32** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020287662  
 (72) GOTLIEB, Richard Alan  
 (74) Davies Collison Cave Pty Ltd

(71) Blitz Systems Pty Ltd  
 (11) AU-A-2025271191  
 (21) 2025271191 (22) 24.11.2025  
 (54) Support Structure  
 (51) Int. Cl.  
**F16B 37/08** ( 2006.01 )  
**F16B 9/00** ( 2006.01 )  
**F16B 39/02** ( 2006.01 )  
**H02G 3/00** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020332881  
 (72) MILLER, Bruce  
 (74) Caska Intellectual Property Pty Ltd

(71) Block, Inc.  
 (11) AU-A-2025271149  
 (21) 2025271149 (22) 21.11.2025  
 (54) Multi-device point-of-sale system having multiple customer-facing devices  
 (51) Int. Cl.  
**G06Q 20/40** ( 2012.01 )

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- G06Q 20/10** ( 2012.01 )  
**G06Q 20/20** ( 2012.01 )  
**G06Q 20/34** ( 2012.01 )
- (43) 18.12.2025  
(62) 2023270227  
(72) SANCHEZ-LLORENS, Sara; RISTOV, Todor; HURWITZ, Elise; PONCHON, Arnaud; DOYLE, Evan; BLAGDAN, Isreal; LIN, Christine; KHAN, Imran  
(74) FB Rice Pty Ltd
- 
- (71) Bluebeam, Inc.  
(11) AU-A-2025271239  
(21) 2025271239 (22) 25.11.2025  
(54) Methods and systems for processing images to perform automatic alignment of electronic images  
(51) Int. Cl.  
**G06F 3/048** ( 2013.01 )  
**G06T 11/60** ( 2006.01 )  
**G06T 15/20** ( 2011.01 )  
**H04N 9/31** ( 2006.01 )
- (43) 18.12.2025  
(62) 2020286464  
(72) LEE, Jae Min  
(74) Davies Collison Cave Pty Ltd
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- (71) Bluebeam, Inc.  
(11) AU-A-2025271241  
(21) 2025271241 (22) 25.11.2025  
(54) Method of visually interacting with a document by dynamically displaying a fill area in a boundary  
(51) Int. Cl.  
**G06F 17/00** ( 2019.01 )
- (43) 18.12.2025  
(62) 2023248111  
(72) Wezorek, Joseph W.  
(74) Davies Collison Cave Pty Ltd
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- (71) BOLTON MEDICAL, INC.  
(11) AU-A-2025271205  
(21) 2025271205 (22) 24.11.2025  
(54) Stent graft crimping device and method of use  
(51) Int. Cl.  
**A61F 2/95** ( 2013.01 )
- (43) 18.12.2025  
(62) 2022410616  
(72) VANCHERI, Bryan  
(74) Davies Collison Cave Pty Ltd
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- (71) Boston Scientific Neuromodulation Corporation  
(11) AU-A-2025271393  
(21) 2025271393 (22) 27.11.2025  
(54) System for sequencing sensing blocks for neuromodulation  
(51) Int. Cl.  
**A61B 5/00** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )
- (43) 18.12.2025  
(62) 2022268884  
(72) ESTELLER, Rosana; CARBUNARU, Rafael; JAYAKUMAR, Adarsh; DOAN, Thien Tich  
(74) Spruson & Ferguson
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- (71) Bristol-Myers Squibb Company  
(11) AU-A-2025271129  
(21) 2025271129 (22) 21.11.2025  
(54) MODIFIED SELF-IMMOLATING MOIETIES FOR USE IN PRODRUGS AND CONJUGATES AND METHODS OF USING AND MAKING  
(51) Int. Cl.  
**A61K 47/65** ( 2017.01 )  
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**E05C 1/10** ( 2006.01 )  
**E06B 11/02** ( 2006.01 )
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- (71) BRUCE RISBY  
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**G01B 5/00** ( 2006.01 )  
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(72) RISBY, Bruce  
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(72) Cash, Alan B.  
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**G01C 21/00** ( 2006.01 )
- G01S 17/88** ( 2006.01 )  
**G07C 5/12** ( 2006.01 )  
**G08G 1/137** ( 2006.01 )
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(54) Method for improving production of CAR T cells
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**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
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**B01J 21/00** ( 2006.01 )  
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**C01B 32/162** ( 2017.01 )  
**C01B 32/168** ( 2017.01 )  
**C01B 32/17** ( 2017.01 )  
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*G06F 8/70* ( 2018.01 )  
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*G07C 5/00* ( 2006.01 )  
*H04L 9/00* ( 2022.01 )  
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 (72) MICOL, Romain; DUVAL, Valerie  
 (74) Allens Patent & Trade Mark Attorneys

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*A61K 31/517* ( 2006.01 )  
*A61K 31/551* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 403/06* ( 2006.01 )  
*C07D 403/12* ( 2006.01 )  
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 (72) DE BLIECK, Ann; MENET, Christel Jeanne Marie  
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 (54) Conveyor idler roller monitoring assembly  
 (51) Int. Cl.  
*B65G 43/02* ( 2006.01 )  
*B65G 39/09* ( 2006.01 )  
*F16C 13/00* ( 2006.01 )  
*F16C 41/00* ( 2006.01 )  
*F16J 15/447* ( 2006.01 )  
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 (54) PLEURAL DRAINAGE CATHETER  
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*A61B 8/08* ( 2006.01 )  
*A61L 29/02* ( 2006.01 )

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*A61L 29/18* ( 2006.01 )  
*A61M 25/00* ( 2006.01 )  
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 (54) MULTI-MODE BULK BANKNOTE FEEDER  
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*B65H 1/08* ( 2006.01 )  
*B65H 3/06* ( 2006.01 )  
*G07D 11/14* ( 2019.01 )  
*B65H 1/04* ( 2006.01 )  
*B65H 7/06* ( 2006.01 )  
*G06Q 20/00* ( 2012.01 )

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 (72) COST, Evan John  
 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.  
*A01K 67/02* ( 2006.01 )  
*A01K 67/027* ( 2024.01 )  
*C07K 14/46* ( 2006.01 )  
*C07K 16/02* ( 2006.01 )  
*C12N 5/0781* ( 2010.01 )  
*C12N 5/10* ( 2006.01 )  
*C12N 5/16* ( 2006.01 )  
*C12N 5/24* ( 2006.01 )  
*C12N 15/09* ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.

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*A61B 5/07* ( 2006.01 )  
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 (54) Quantization parameter signaling  
 (51) Int. Cl.  
*H04N 19/126* ( 2014.01 )  
*H04N 19/186* ( 2014.01 )  
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 (51) Int. Cl.  
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*C12Q 1/6806* ( 2018.01 )  
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 (21) 2025271168 (22) 23.11.2025  
 (54) GRAVITY-ACTIVATED DISPLAYS COMPRISING PATTERNED MICROCELL ARRAYS  
 (51) Int. Cl.  
*B42D 25/29* ( 2014.01 )  
*B42D 25/351* ( 2014.01 )  
*B42D 25/36* ( 2014.01 )  
*B42D 25/369* ( 2014.01 )  
*B42D 25/373* ( 2014.01 )  
*B42D 25/47* ( 2014.01 )
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- (43) 18.12.2025  
 (62) 2023265118  
 (72) MATUS, Yuriy Borisovich; KC, Chandra Bikram; GU, Haiyan; KUMAR, Ajeet; CHAN, Bryan Hans  
 (74) RnB IP Pty Ltd
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- (71) E Ink Corporation  
 (11) AU-A-2025271340  
 (21) 2025271340 (22) 26.11.2025  
 (54) PIEZO-ELECTROPHORETIC FILM INCLUDING PATTERNED PIEZO POLARITIES FOR CREATING IMAGES VIA ELECTROPHORETIC MEDIA  
 (51) Int. Cl.  
*G02F 1/00* ( 2006.01 )  
*G02F 1/01* ( 2006.01 )  
*G02F 1/167* ( 2019.01 )  
 (43) 18.12.2025  
 (62) 2023225930  
 (72) GU, Haiyan; MATUS, Yuriy Borisovich; CHAN, Bryan Hans; ZANG, Hongmei; SCHULTZ, Donald A.; LIN, Craig; MACPHERSON, Charles Douglas; OM-RANE, Badr; DICINOSKI, Greg; MUKE, Sani; LUSSINI, Vanessa  
 (74) RnB IP Pty Ltd
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- (71) Eli Lilly and Company  
 (11) AU-A-2025271228  
 (21) 2025271228 (22) 25.11.2025  
 (54) Process for preparing a GIP/GLP1 dual agonist  
 (51) Int. Cl.  
*C07K 14/605* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2024205812  
 (72) FREDERICK, Michael Oliver; KOPACH, Michael Eugene; SEIBERT, Kevin Dale; TSUKANOV, Sergey Vladimirovich; COFFIN, Stephanie Ruth; KALLMAN, Neil John; JALAN, Ankur  
 (74) Spruson & Ferguson
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- (71) Ellipse World, Inc.  
 (11) AU-A-2025271113  
 (21) 2025271113 (22) 21.11.2025  
 (54) SYSTEM AND METHOD FOR MANUFACTURING AND ASSEMBLING PACKAGED ELECTRONIC MODULES  
 (51) Int. Cl.  
*H05K 1/00* ( 2006.01 )  
*G06K 19/077* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2021253507  
 (72) Lalo, Cyril; Pochic, Sebastien; Essebag, Jacques  
 (74) PHILLIPS ORMONDE FITZPATRICK
- 
- e-moola.com Pty Ltd see Conveyor Innovations Pty Ltd**  
 (21) 2025203848
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- (71) Encore Medical, L.P.  
 (11) AU-A-2024220149  
 (21) 2024220149 (22) 27.09.2024

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(54) Registration tools and associated systems and methods  
 (51) Int. Cl.  
**A61B 34/00** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
 (31) 63/654,912 (32) 31.05.24 (33) US  
 (43) 18.12.2025  
 (72) Castaneda, Carlos; Ryan, Matthew  
 (74) Davies Collison Cave Pty Ltd

(71) ENERGIZER BRANDS, LLC  
 (11) AU-A-2025271429  
 (21) 2025271429 (22) 27.11.2025  
 (54) ELECTROCHEMICAL CELL WITH INCREASED RUNTIME AND REDUCED INTERNAL SHORTING  
 (51) Int. Cl.  
**H01M 4/38** ( 2006.01 )  
**H01M 4/48** ( 2010.01 )  
**H01M 10/26** ( 2006.01 )  
**H01M 50/429** ( 2021.01 )  
**H01M 50/449** ( 2021.01 )  
**H01M 50/489** ( 2021.01 )  
**H01M 50/491** ( 2021.01 )  
 (43) 18.12.2025  
 (62) 2022396534  
 (72) JOHNSON, Robert P.; LIU, Zhufang; WENDLING, Matthew T.; HENNEK, Matthew; FAN, Daniel; ZHENG, Guanghong  
 (74) AJ PARK

(71) EPIZON, INC.  
 (11) AU-A-2025271424  
 (21) 2025271424 (22) 27.11.2025  
 (54) NANO-PARTICLES OF MENA-QUINONE-9 AND METHODS OF TREATMENT  
 (51) Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 31/122** ( 2006.01 )  
**A61K 47/14** ( 2017.01 )  
**A61K 47/44** ( 2017.01 )  
 (43) 18.12.2025  
 (62) 2024225887  
 (72) RUDEY, John M.  
 (74) Griffith Hack

(71) EPIZON PHARMA, INC.  
 (11) AU-A-2025271414  
 (21) 2025271414 (22) 27.11.2025  
 (54) NANO-PARTICLES OF MENA-QUINONE AND METHODS OF TREATMENT  
 (51) Int. Cl.  
**A61K 9/10** ( 2006.01 )  
**A61K 9/107** ( 2006.01 )  
**A61K 31/122** ( 2006.01 )  
**A61K 47/10** ( 2017.01 )  
**A61K 47/14** ( 2017.01 )  
**A61K 47/22** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61K 47/44** ( 2017.01 )  
**A61P 9/00** ( 2006.01 )  
**A61P 19/00** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )

(43) 18.12.2025  
 (62) 2024225370  
 (72) NGUYEN, Sam L.; RUDEY, John M.  
 (74) Griffith Hack

(71) ETH Zürich  
 (11) AU-A-2025271089  
 (21) 2025271089 (22) 20.11.2025  
 (54) MAMMALIAN MHC PEPTIDE DISPLAY AS AN EPITOPE SELECTION TOOL FOR VACCINE DESIGN  
 (51) Int. Cl.  
**G01N 33/569** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019250685  
 (72) KISIELOW, Jan; OBERMAIR, Franz Josef; KOPF, Manfred  
 (74) Pearce IP Pty Ltd

(71) European Molecular Biology Laboratory  
 (11) AU-A-2025271481  
 (21) 2025271481 (22) 28.11.2025  
 (54) High-Capacity Storage of Digital Information in DNA  
 (51) Int. Cl.  
**G06N 3/12** ( 2023.01 )  
 (43) 18.12.2025  
 (62) 2024201484  
 (72) Goldman, Nick; Birney, John  
 (74) Eagar & Associates Pty Ltd

(71) Evapco, Inc.  
 (11) AU-A-2025271086  
 (21) 2025271086 (22) 20.11.2025  
 (54) Direct expansion evaporator with vapor ejector capacity boost  
 (51) Int. Cl.  
**F25B 9/08** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019374813  
 (72) DEROSIER, Greg; GOPALAN, Shri  
 (74) Davies Collison Cave Pty Ltd

(71) EVE Hydrogen Energy Co., Ltd  
 (11) AU-A-2024278486  
 (21) 2024278486 (22) 17.12.2024  
 (54) WATER ELECTROLYSIS MEMBRANE ELECTRODE, METHOD FOR PREPARING THE SAME, AND WATER ELECTROLYZER APPLYING THE SAME  
 (51) Int. Cl.  
**C25B 11/036** ( 2021.01 )  
**C25B 1/04** ( 2021.01 )  
**C25B 11/032** ( 2021.01 )  
 (31) 202410677366.6 (32) 28.05.24 (33) CN  
 (43) 18.12.2025  
 (72) PAN, Qiuren; YIN, Zhenglei; WANG, Ying; LIU, Jincheng  
 (74) Remarkable IP

(71) Expedia, Inc.  
 (11) AU-A-2025271199  
 (21) 2025271199 (22) 24.11.2025

(54) Multi-model timeseries forecasting of set-level variables  
 (51) Int. Cl.  
**G06N 5/04** ( 2023.01 )  
 (43) 18.12.2025  
 (62) 2023285956  
 (72) MCDONALD, Stephen Andrew; MEDASANI, Spoorthi; MURALIDHAR, Anirudh Kamalapuram; REUBEN, Andrew Charles  
 (74) FB Rice Pty Ltd

(71) FALCON WATER TECHNOLOGIES, LLC  
 (11) AU-A-2024383162  
 (21) 2024383162 (22) 31.05.2024  
 (54) SYSTEM AND METHOD FOR WATER-LESS URINAL CARTRIDGE USAGE DETERMINATION AND INDICATION  
 (51) Int. Cl.  
**G08B 21/18** ( 2006.01 )  
**A47K 11/12** ( 2006.01 )  
**E03C 1/28** ( 2006.01 )  
**E03D 13/00** ( 2006.01 )  
 (43) 18.12.2025  
 (72) CONFREY, John  
 (74) Armour IP

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 (21) 2024203699

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2025271132  
 (21) 2025271132 (22) 21.11.2025  
 (54) HEADGEAR FOR A PATIENT INTERFACE  
 (51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020229465  
 (72) HAMMER, Jeroen  
 (74) Catalyst Intellectual Property

(71) Fisher & Paykel Healthcare Limited  
 (11) AU-A-2025271177  
 (21) 2025271177 (22) 24.11.2025  
 (54) Medical tube  
 (51) Int. Cl.  
**A61M 16/08** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020352295  
 (72) AMADIO, Christopher Jaye Norman; SIEW, Silas Sao Jin; DOEL, Eric Lenard; SIMS, Christopher Gareth  
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2025271082  
 (21) 2025271082 (22) 20.11.2025  
 (54) METHOD OF DETECTING ERRORS IN THE CONNECTIONS IN A HUMIDIFICATION SYSTEM  
 (51) Int. Cl.  
**A61M 16/16** ( 2006.01 )

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 (62) 2023210547  
 (72) LIU, Po-Yen; TENG, Ivan Chih-Fan; SEEKUP, Peter Alan; SMITH, Daniel John; LO, Ho Shing  
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED  
 (11) AU-A-2025271421  
 (21) 2025271421 (22) 27.11.2025  
 (54) WOUND RETRACTOR AND DIF-FUSER  
 (51) Int. Cl.  
 A61B 1/32 ( 2006.01 )  
 A61B 17/02 ( 2006.01 )  
 A61B 90/00 ( 2016.01 )  
 A61M 13/00 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2023226645  
 (72) Robertson, Natalie May; Ghalib, Ali Ghalib Abdul Rahman; Harwood, Jonathan David; Blackhurst, Michael Joseph; Gordon, James Alexander; Mcfedries, Jonathan Stuart; Fogarin, Jessica Rachel; Strevens, Joseph Patrick Walter; Ip, Bernard Tsz Lun  
 (74) Chapman Tripp Patents Limited

(71) FONTERRA CO-OPERATIVE GROUP LIMITED  
 (11) AU-A-2025271134  
 (21) 2025271134 (22) 21.11.2025  
 (54) DAIRY PRODUCT AND PROCESS  
 (51) Int. Cl.  
 A23C 21/02 ( 2006.01 )  
 A23C 21/06 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2023262314  
 (72) MEHRABADI, Abbas; CAKIR FULLER, Esra; VAUTIER, Brent Anthony; RUTHERFORD, Lisa Marie; ELGAR, David Francis; SOWA, Michael Joseph  
 (74) AJ PARK

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271246  
 (21) 2025271246 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 G06Q 50/02 ( 2024.01 )  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 G06Q 10/04 ( 2023.01 )  
 C22B 15/00 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM, Muneeb; RICHARDSON, Steven Chad; SANYAL, Akaash; CROSSMAN, Raquel; NI, Tianfang; DEMIEVILLE, Cory A.; GERDES, Luke; FREEMAN, Robyn; KLESOV, Oleksandr; ISSOE, Luciano Kiniti  
 (74) FB Rice Pty Ltd

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271256  
 (21) 2025271256 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 G06Q 50/02 ( 2024.01 )  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 G06Q 10/04 ( 2023.01 )  
 C22B 15/00 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM, Muneeb; RICHARDSON, Steven Chad; SANYAL, Akaash; CROSSMAN, Raquel; NI, Tianfang; DEMIEVILLE, Cory A.; GERDES, Luke; FREEMAN, Robyn; KLESOV, Oleksandr; ISSOE, Luciano Kiniti  
 (74) FB Rice Pty Ltd

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271258  
 (21) 2025271258 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 G06Q 10/04 ( 2023.01 )  
 G06Q 50/02 ( 2024.01 )  
 C22B 15/00 ( 2006.01 )  
 G06N 3/02 ( 2006.01 )  
 G06N 20/00 ( 2019.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM, Muneeb; RICHARDSON, Steven Chad; SANYAL, Akaash; CROSSMAN, Raquel; NI, Tianfang; DEMIEVILLE, Cory A.; GERDES, Luke; FREEMAN, Robyn; KLESOV, Oleksandr; ISSOE, Luciano Kiniti  
 (74) FB Rice Pty Ltd

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271260  
 (21) 2025271260 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 G06Q 10/04 ( 2023.01 )  
 G06Q 50/02 ( 2024.01 )  
 C22B 15/00 ( 2006.01 )  
 G06N 3/02 ( 2006.01 )  
 G06N 20/00 ( 2019.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM,

Muneeb; RICHARDSON, Steven Chad; SANYAL, Akaash; CROSSMAN, Raquel; NI, Tianfang; DEMIEVILLE, Cory A.; GERDES, Luke; FREEMAN, Robyn; KLESOV, Oleksandr; ISSOE, Luciano Kiniti  
 (74) FB Rice Pty Ltd

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271262  
 (21) 2025271262 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 G06Q 50/02 ( 2024.01 )  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 C22B 15/00 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM, Muneeb; RICHARDSON, Steven Chad; SANYAL, Akaash; CROSSMAN, Raquel; NI, Tianfang; DEMIEVILLE, Cory A.; GERDES, Luke; FREEMAN, Robyn; KLESOV, Oleksandr; ISSOE, Luciano Kiniti  
 (74) FB Rice Pty Ltd

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271264  
 (21) 2025271264 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 G06Q 50/20 ( 2012.01 )  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 C22B 15/00 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM, Muneeb; RICHARDSON, Steven Chad; SANYAL, Akaash; CROSSMAN, Raquel; NI, Tianfang; DEMIEVILLE, Cory A.; GERDES, Luke; FREEMAN, Robyn; KLESOV, Oleksandr; ISSOE, Luciano Kiniti  
 (74) FB Rice Pty Ltd

(71) Freeport Minerals Corporation  
 (11) AU-A-2025271308  
 (21) 2025271308 (22) 25.11.2025  
 (54) System and method for adjusting leaching operations based on leach analytic data  
 (51) Int. Cl.  
 C22B 3/04 ( 2006.01 )  
 G01N 33/2028 ( 2019.01 )  
 G06Q 50/02 ( 2024.01 )  
 C22B 15/00 ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2024220161  
 (72) GEISLINGER, Dana; GADDIE, Travis; TINSLEY, Margaret Alden; ALAM,

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Muneeb; RICHARDSON, Steven  
Chad; SANYAL, Akaash; CROSSMAN,  
Raquel; NI, Tianfang; DEMIEVILLE,  
Cory A.; GERDES, Luke; FREEMAN,  
Robyn; KLESOV, Oleksandr; ISSOE,  
Luciano Kiniti  
**(74)** FB Rice Pty Ltd

**(71)** Freeport Minerals Corporation  
**(11)** AU-A-2025271379  
**(21)** 2025271379 **(22)** 26.11.2025  
**(54)** Chemical impacts on a leach stockpile  
**(51)** Int. Cl.  
**C22B 3/04** ( 2006.01 )  
**G01N 5/00** ( 2006.01 )  
**G01N 33/24** ( 2006.01 )  
**C22B 15/00** ( 2006.01 )  
**G06Q 10/04** ( 2023.01 )  
**G06Q 50/02** ( 2024.01 )  
**(43)** 18.12.2025  
**(62)** 2024220162  
**(72)** GEISLINGER, Dana; GADDIE, Travis;  
TINSLEY, Margaret Alden; RICHARD-  
SON, Steven Chad; CROSSMAN,  
Raquel; CARO, Cristian; CHENG, Kev-  
in; BLOSSER, Rosemary D.; BRIGGS,  
Amelia  
**(74)** FB Rice Pty Ltd

**(71)** FUJIFILM Cellular Dynamics, Inc.  
**(11)** AU-A-2025271359  
**(21)** 2025271359 **(22)** 26.11.2025  
**(54)** METHOD FOR DIFFERENTIATION OF  
OCULAR CELLS AND USE THEREOF  
**(51)** Int. Cl.  
**C12N 5/079** ( 2010.01 )  
**(43)** 18.12.2025  
**(62)** 2019256723  
**(72)** CHASE, Lucas; WALLACE, Kyle;  
MELINE, Benjamin; DIAS, Andrew;  
SHELLEY, Brandon; FENN, Marisa;  
PHILLIPS, Debjani; STERNFELD, Mat-  
thew; MEYER, Nathan  
**(74)** Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

**(71)** GAIA BioMedicine Inc.; YONEMITSU,  
Y.  
**(11)** AU-A-2025271231  
**(21)** 2025271231 **(22)** 25.11.2025  
**(54)** A METHOD FOR PROVIDING IM-  
MUNE CELLS  
**(51)** Int. Cl.  
**G01N 33/15** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**G01N 33/48** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020248768  
**(72)** YONEMITSU, Yoshikazu; HARADA,  
Yui; KURAMORI, Kazuyuki  
**(74)** Pizeys Patent and Trade Mark Attor-  
neys Pty Ltd

**(71)** Genentech, Inc.  
**(11)** AU-A-2025271179

**(21)** 2025271179 **(22)** 24.11.2025  
**(54)** Compositions and methods for stabiliz-  
ing protein-containing formulations  
**(51)** Int. Cl.  
**A61K 47/28** ( 2006.01 )  
**A61K 9/19** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020254582  
**(72)** ADEM, Yilma T.; CADANG, Lance J.  
**(74)** Griffith Hack

**(71)** GENENTECH, INC.  
**(11)** AU-A-2025271427  
**(21)** 2025271427 **(22)** 27.11.2025  
**(54)** COMPOSITION AND METHODS FOR  
STABILIZING LIQUID PROTEIN FOR-  
MULATIONS  
**(51)** Int. Cl.  
**A61K 9/107** ( 2006.01 )  
**A61K 31/00** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020304649  
**(72)** TOMLINSON, Anthony; ZARRAGA,  
Isidro Angelo Eleazar; DEMEULE,  
Barthelemy Luc  
**(74)** Griffith Hack

**(71)** Gilead Sciences, Inc.  
**(11)** AU-A-2025271141  
**(21)** 2025271141 **(22)** 21.11.2025  
**(54)** Therapeutic compounds useful for the  
prophylactic or therapeutic treatment of  
an HIV virus infection  
**(51)** Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61P 31/18** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023271739  
**(72)** Graupe, Michael; Henry, Steven J.;  
Link, John O.; Rowe, Charles William;  
Saito, Roland D.; Schroeder, Scott D.;  
Stefanidis, Dimitrios; Tse, Winston C.;  
Zhang, Jennifer R.  
**(74)** Davies Collison Cave Pty Ltd

**(71)** GILEAD SCIENCES, INC.  
**(11)** AU-A-2025271403  
**(21)** 2025271403 **(22)** 27.11.2025  
**(54)** Carboxy-benzimidazole GLP-1R modu-  
lating compounds  
**(51)** Int. Cl.  
**C07D 405/14** ( 2006.01 )  
**A61K 31/454** ( 2006.01 )  
**A61K 31/4545** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/506** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/5365** ( 2006.01 )  
**A61P 1/16** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07D 409/14** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 417/14** ( 2006.01 )

**C07D 471/04** ( 2006.01 )  
**C07D 487/04** ( 2006.01 )  
**C07D 498/04** ( 2006.01 )  
**C07D 513/04** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022260487  
**(72)** ARMSTRONG, Megan K.; BRIZGYS,  
Gediminas J.; CASSIDY, James  
S.; CHIN, Elbert; CHOU, Chien-  
hung; HUNG, Chao-I; LIN, David W.;  
MITCHELL, Michael L.; ROBERTS,  
Ezra; SCHROEDER, Scott D.;  
TAYLOR, James G.; THOMAS-TRAN,  
Rhiannon; WRIGHT, Nathan E.; YANG,  
Zheng-Yu  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Grand Performance Online Pty Limited  
**(11)** AU-A-2025271430  
**(21)** 2025271430 **(22)** 27.11.2025  
**(54)** Autonomous and integrated system,  
method and computer program for dy-  
namic optimisation and allocation of re-  
sources for defined spaces and time  
periods  
**(51)** Int. Cl.  
**G06Q 50/12** ( 2012.01 )  
**G06Q 10/02** ( 2012.01 )  
**G06Q 10/04** ( 2023.01 )  
**G06Q 10/08** ( 2024.01 )  
**(43)** 18.12.2025  
**(62)** 2024202585  
**(72)** PETROULAS, Peter  
**(74)** Spruson & Ferguson

**(71)** Graphic Packaging International, LLC  
**(11)** AU-A-2025271207  
**(21)** 2025271207 **(22)** 24.11.2025  
**(54)** CARRIER FOR CONTAINERS  
**(51)** Int. Cl.  
**B65D 71/42** ( 2006.01 )  
**B65D 71/12** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022298810  
**(72)** Ford, Colin P.  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** GRIP HOLDINGS LLC  
**(11)** AU-A-2025271310  
**(21)** 2025271310 **(22)** 25.11.2025  
**(54)** Advanced Holding Apparatus  
**(51)** Int. Cl.  
**B25B 15/02** ( 2006.01 )  
**B25B 23/00** ( 2006.01 )  
**F16B 23/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023426998  
**(72)** KUKUCKA, Paul; KUKUCKA, Thomas  
Stefan  
**(74)** A.P.T. Patent and Trade Mark Attor-  
neys

**(71)** Halliburton Energy Services, Inc.  
**(11)** AU-A-2024203892  
**(21)** 2024203892 **(22)** 07.06.2024

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- (54) LIFTING ASSEMBLY MOUNTED ROTATOR AND PAYLOADS FOR BULK MATERIAL  
 (51) Int. Cl.  
*B66F 9/12* ( 2006.01 )  
*B65D 25/22* ( 2006.01 )  
 (31) 18/676,070 (32) 28.05.24 (33) US  
 (43) 18.12.2025  
 (72) Fisher, Chad A.  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Halliburton Energy Services, Inc.  
 (11) AU-A-2025271369  
 (21) 2025271369 (22) 26.11.2025  
 (54) Segmented retainer for high pressure barriers  
 (51) Int. Cl.  
*E21B 33/129* ( 2006.01 )  
*E21B 23/01* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2021307337  
 (72) WILLOUGHBY, Matthew Arran; ORNELAZ, Richard Decena; HUMPHREY, Ryan T.  
 (74) Spruson & Ferguson
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- (71) HANGZHOU TAISHENG NEW MATERIALS TECHNOLOGY CO., LTD.  
 (11) AU-A-2024409599  
 (21) 2024409599 (22) 17.12.2024  
 (54) USE OF RED MUD AS RAW MATERIAL FOR PREPARING PORCELAIN CLAY  
 (51) Int. Cl.  
*C04B 33/24* ( 2006.01 )  
*C04B 33/132* ( 2006.01 )  
 (31) 202410706666.2 (32) 03.06.24 (33) CN  
 (43) 18.12.2025  
 (72) FANG, Wei; FANG, Yuye; ZHANG, Hongliu  
 (74) Minter Ellison
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- (71) Hangzhou Tianlong Pharmaceutical Co., Ltd.  
 (11) AU-A-2025202529  
 (21) 2025202529 (22) 09.04.2025  
 (54) Herpes zoster mRNA vaccine, preparation method therefor, and use thereof  
 (51) Int. Cl.  
*A61K 39/25* ( 2006.01 )  
*A61K 9/1272* ( 2025.01 )  
*A61P 31/22* ( 2006.01 )  
*C12N 15/38* ( 2006.01 )  
 (31) 2024106599960 (32) 27.05.24 (33) CN  
 (43) 18.12.2025  
 (72) SONG, Gengshen; DONG, Kai; CHEN, Zhongbin; LI, Yanfen; ZHOU, Yuting; LI, Jing; CHAI, Xin; GAO, Zhongcai; ZHANG, Jinyu; WANG, Huanyu  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Hanwha Azdel, Inc.  
 (11) AU-A-2025271188  
 (21) 2025271188 (22) 24.11.2025  
 (54) Acoustic prepregs, cores and composite articles and methods of using them  
 (51) Int. Cl.  
*B29C 45/00* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2022275431  
 (72) WANG, Ruomiao  
 (74) LAMINAR IP PTY LTD
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- (71) Heraeus Medical GmbH  
 (11) AU-A-2025203996  
 (21) 2025203996 (22) 28.05.2025  
 (54) Adapter for a mixing system for preparing a bone cement paste and kit for preparing a bone cement paste comprising an adapter and a mixing system  
 (51) Int. Cl.  
*A61B 17/88* ( 2006.01 )  
*B01F 35/31* ( 2022.01 )  
*B01F 35/32* ( 2022.01 )  
 (31) 24179486.6 (32) 03.06.24 (33) EP  
 (43) 18.12.2025  
 (72) VOGT, Sebastian; KLUGE, Thomas  
 (74) Davies Collison Cave Pty Ltd
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- (71) HISENSE (GUANGDONG) AIR CONDITIONING CO., LTD.  
 (11) AU-A-2024416011  
 (21) 2024416011 (22) 28.10.2024  
 (54) AIR CONDITIONER  
 (51) Int. Cl.  
*F24F 11/88* ( 2018.01 )  
*F24F 11/50* ( 2018.01 )  
*F24F 11/63* ( 2018.01 )  
 (31) 202410703788.6 (32) 31.05.24 (33) CN  
 (43) 18.12.2025  
 (72) ZHANG, Jianneng; ZHOU, Liang; LI, Xidong  
 (74) Adams Pluck
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- (71) Hou, X.  
 (11) AU-A-2024203618  
 (21) 2024203618 (22) 29.05.2024  
 (54) UV-Enhanced Mushroom Processor: Innovative Solution for Vitamin D2 Enrichment and Pathogen Elimination  
 (51) Int. Cl.  
*A23L 31/00* ( 2016.01 )  
*A23L 5/30* ( 2016.01 )  
*A23L 33/155* ( 2016.01 )  
*A23N 15/00* ( 2006.01 )  
 (43) 18.12.2025  
 (72) Hou, Xueliang  
 (74) Xueliang Hou
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- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2025271219  
 (21) 2025271219 (22) 25.11.2025  
 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS OF CHROMA INTRA MODE DERIVATION  
 (51) Int. Cl.  
*H04N 19/11* ( 2014.01 )  
*H04N 19/59* ( 2014.01 )
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- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2025271252  
 (21) 2025271252 (22) 25.11.2025  
 (54) ACCESS POINT AP MULTI-LINK DEVICE DISCOVERY METHOD AND RELATED APPARATUS  
 (51) Int. Cl.  
*H04W 12/06* ( 2021.01 )  
 (43) 18.12.2025  
 (62) 2024204376  
 (72) Gan, Ming; Huang, Guogang; Li, Yiqing; Zhou, Yifan; Hu, Mengshi; Liang, Dandan  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Huawei Technologies Co., Ltd.  
 (11) AU-A-2025271399  
 (21) 2025271399 (22) 27.11.2025  
 (54) DECODED PICTURE BUFFER OPERATION FOR RESOLUTION CHANGES  
 (51) Int. Cl.  
*H04B 1/66* ( 2006.01 )  
*H04N 7/12* ( 2006.01 )  
*H04N 19/30* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
 (43) 18.12.2025  
 (62) 2020354926  
 (72) Wang, Ye-Kui  
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HUAWEI TECHNOLOGIES CO., LTD.  
 (11) AU-A-2025271373  
 (21) 2025271373 (22) 26.11.2025  
 (54) SIGNAL PROCESSING METHOD AND APPARATUS  
 (51) Int. Cl.  
*H04L 69/323* ( 2022.01 )  
 (43) 18.12.2025  
 (62) 2022416217  
 (72) DU, Rui; ZHOU, Zhengchun; SHEN, Bingsheng; TANG, Xiaohu; LIU, Chenchen; HAN, Xiao  
 (74) Halfords IP
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- (71) HUNAN CRRC TIMES ELECTRIC DRIVE TECHNOLOGY CO., LTD.  
 (11) AU-A-2024444862  
 (21) 2024444862 (22) 01.11.2024  
 (54) 48-SLOT 8-POLE FLAT WIRE WINDING STATOR, AND HAIRPIN ELECTRIC MOTOR  
 (51) Int. Cl.  
*H02K 3/28* ( 2006.01 )  
*H02K 1/06* ( 2006.01 )  
*H02K 1/08* ( 2006.01 )  
*H02K 3/12* ( 2006.01 )  
*H02K 3/50* ( 2006.01 )  
 (31) 202410701007.X (32) 31.05.24 (33) CN

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 (72) CHEN, Zhichu; HU, Yongfeng; HU, Ming; SHI, Junxu; SHI, Hongjiao; WU, Huizhong; YANG, Bin; WU, Jiangquan; XIE, Wenqiang; HUANG, Shaozhi  
 (74) Madderns Pty Ltd

(71) Hunter Douglas Inc.  
 (11) AU-A-2025271224  
 (21) 2025271224 (22) 25.11.2025  
 (54) System and methods for control configuration for installed architectural structural coverings  
 (51) Int. Cl.  
*G05B 17/02* (2006.01)  
*E05F 15/77* (2015.01)  
*E06B 9/56* (2006.01)  
*G05B 15/02* (2006.01)  
 (43) 18.12.2025  
 (62) 2020230286  
 (72) HEDRICK, Matthew; FELTEAU, Wesley; CHARES, Chris  
 (74) Spruson & Ferguson

(71) Husqvarna AB  
 (11) AU-A-2025271209  
 (21) 2025271209 (22) 24.11.2025  
 (54) Pre-filter arrangements and valves for an industrial dust extractor  
 (51) Int. Cl.  
*A47L 9/10* (2006.01)  
*A47L 9/20* (2006.01)  
*B01D 46/24* (2006.01)  
*B01D 46/71* (2022.01)  
*B01D 46/90* (2022.01)  
*B24B 55/06* (2006.01)  
 (43) 18.12.2025  
 (62) 2023303357  
 (72) Axel, SJ#BERG; Elon, WENNBERG; Robert, K#SEL; Karl, ELMESTRAND  
 (74) Spruson & Ferguson

(71) Husqvarna AB  
 (11) AU-A-2025271210  
 (21) 2025271210 (22) 24.11.2025  
 (54) Pre-filter arrangements and valves for an industrial dust extractor  
 (51) Int. Cl.  
*A47L 9/10* (2006.01)  
*A47L 9/20* (2006.01)  
*B01D 46/24* (2006.01)  
*B01D 46/71* (2022.01)  
*B01D 46/90* (2022.01)  
*B24B 55/06* (2006.01)  
 (43) 18.12.2025  
 (62) 2023303357  
 (72) Axel, SJ#BERG; Elon, WENNBERG; Robert, K#SEL  
 (74) Spruson & Ferguson

(71) IBMSOL CO., LTD.  
 (11) AU-A-2025271234  
 (21) 2025271234 (22) 25.11.2025  
 (54) Plasma generating module for uterine cervix and plasma generating apparatus for uterine cervix including the same  
 (51) Int. Cl.

*A61N 1/44* (2006.01)  
*A61N 1/05* (2006.01)  
*A61N 1/36* (2006.01)  
*H05H 1/24* (2006.01)  
*H05H 1/34* (2006.01)  
 (43) 18.12.2025  
 (62) 2022292366  
 (72) KWON, Byung Su; KIM, Hee Kyung  
 (74) LAMINAR IP PTY LTD

(71) IDEMIA Road Safety France  
 (11) AU-A-2025203975  
 (21) 2025203975 (22) 28.05.2025  
 (54) Image-acquiring system for a traffic-enforcement machine  
 (51) Int. Cl.  
*G08G 1/017* (2006.01)  
 (31) 2405791 (32) 03.06.24 (33) FR  
 (43) 18.12.2025  
 (72) CARRION, Grégoire; ALLIOT, Samuel; BONNOT, Stéphane; HARBI, Rachid  
 (74) FPA Patent Attorneys Pty Ltd

(71) IGT  
 (11) AU-A-2025271067  
 (21) 2025271067 (22) 20.11.2025  
 (54) SYSTEM AND METHOD FOR UTILIZING A MOBILE DEVICE TO LOG A USER INTO A GAMING ESTABLISHMENT SYSTEM  
 (51) Int. Cl.  
*G06F 21/34* (2013.01)  
*A63F 13/70* (2014.01)  
*G06F 21/32* (2013.01)  
*G07F 17/32* (2006.01)  
 (43) 18.12.2025  
 (62) 2020200784  
 (72) Thoeni, Stewart; Vasquez, James A.; Landry, Daniel  
 (74) PHILLIPS ORMONDE FITZPATRICK

IHI Ionbond AG see Aesculap AG  
 (21) 2025203859

(71) Illinois Tool Works Inc.  
 (11) AU-A-2025203752  
 (21) 2025203752 (22) 21.05.2025  
 (54) Wall chaser  
 (51) Int. Cl.  
*B28D 1/04* (2006.01)  
*B25F 5/02* (2006.01)  
*B28D 1/18* (2006.01)  
 (31) 24315268.3 (32) 03.06.24 (33) EP  
 (43) 18.12.2025  
 (72) PERRIER, Matthieu; TOURNIER, Ludovic; SIMONIN, Jean-Luc  
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-A-2025203813  
 (21) 2025203813 (22) 23.05.2025  
 (54) Fastener driving tool including a nosepiece assembly and a nose positioner  
 (51) Int. Cl.  
*B25C 7/00* (2006.01)

*B23Q 3/18* (2006.01)  
*B25C 1/04* (2006.01)  
 (31) 63/655,842 (32) 04.06.24 (33) US  
 19/214,839 21.05.25 US  
 (43) 18.12.2025  
 (72) Versino, Anthony M.; Pinkerton, Daniel  
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.  
 (11) AU-A-2025252515  
 (21) 2025252515 (22) 14.10.2025  
 (54) Wall chaser  
 (51) Int. Cl.  
*B28D 7/02* (2006.01)  
*B28D 1/24* (2006.01)  
 (31) 24315267.5 (32) 03.06.24 (33) EP  
 24315268.3 03.06.24 EP  
 24315266.7 03.06.24 EP  
 24306874.9 07.11.24 EP  
 (43) 18.12.2025  
 (72) Tournier, Ludovic; Simonin, Jean-Luc; Perrier, Matthieu  
 (74) Davies Collison Cave Pty Ltd

(71) ImmunityBio, Inc.  
 (11) AU-A-2025271322  
 (21) 2025271322 (22) 26.11.2025  
 (54) Fc-epsilon CAR  
 (51) Int. Cl.  
*C12N 5/0783* (2010.01)  
*A61K 35/17* (2015.01)  
*C07K 14/54* (2006.01)  
*C07K 14/735* (2006.01)  
*C07K 16/08* (2006.01)  
*C07K 16/30* (2006.01)  
 (43) 18.12.2025  
 (62) 2023203306  
 (72) BOISSEL, Laurent H.; KLINGEMANN, Hans G.; DANDAPAT, Abhijit; CHIN-NAPEN, Himani  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Infrabuild Wire Pty Ltd  
 (11) AU-A-2025202463  
 (21) 2025202463 (22) 07.04.2025  
 (54) Fence Construction  
 (51) Int. Cl.  
*E04H 17/20* (2006.01)  
*E04H 17/00* (2006.01)  
*E04H 17/04* (2006.01)  
*E04H 17/06* (2006.01)  
*E04H 17/24* (2006.01)  
 (31) 2024901651 (32) 31.05.24 (33) AU  
 (43) 18.12.2025  
 (72) Lourie, Ross  
 (74) Griffith Hack

(71) Insmed Incorporated  
 (11) AU-A-2025271236  
 (21) 2025271236 (22) 25.11.2025  
 (54) Dry powder compositions of treprostinil prodrugs and methods of use thereof  
 (51) Int. Cl.  
*A61K 31/165* (2006.01)  
*A61K 31/216* (2006.01)  
*A61K 31/341* (2006.01)

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 (62) 2020265576  
 (72) DU, Ju; MALININ, Vladimir; PLAUNT, Adam  
 (74) Spruson & Ferguson
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- (71) Intellia Therapeutics, Inc.  
 (11) AU-A-2025271085  
 (21) 2025271085 (22) 20.11.2025  
 (54) Polynucleotides, compositions, and methods for genome editing  
 (51) Int. Cl.  
 A61K 48/00 ( 2006.01 )
- (43) 18.12.2025  
 (62) 2018339089  
 (72) DOMBROWSKI, Christian; FINN, Jonathan Douglas; SMITH, Amy Madison Rhoden; ALEXANDER, Seth C  
 (74) Davies Collison Cave Pty Ltd
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- (71) Intergraph Corporation  
 (11) AU-A-2025271235  
 (21) 2025271235 (22) 25.11.2025  
 (54) Data sharing control methods and systems  
 (51) Int. Cl.  
 H04L 9/40 ( 2022.01 )  
 H04L 65/40 ( 2022.01 )  
 H04W 4/00 ( 2018.01 )
- (43) 18.12.2025  
 (62) 2020287175  
 (72) LEVERT IV, Lawrence C.; PHILLIPS, Jared; LESHKO, Jeremy; BEARD, Joshua; BARRETT, Phillip; BAILEY, Mark  
 (74) Spruson & Ferguson
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- (71) IRRAS USA, Inc.  
 (11) AU-A-2025271223  
 (21) 2025271223 (22) 25.11.2025  
 (54) FLUID EXCHANGE SYSTEM AND RELATED METHODS  
 (51) Int. Cl.  
 A61M 1/00 ( 2006.01 )
- (43) 18.12.2025  
 (62) 2023274239  
 (72) Panotopoulos, Christos; Boling, Lance; Kovac, Timothy; Xanthopoulos, Kle-anthis  
 (74) Madderns Pty Ltd
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- (71) i-SENS, INC.  
 (11) AU-A-2025201860  
 (21) 2025201860 (22) 14.03.2025  
 (54) METHOD OF PROVIDING NOTIFICATION OF SIGNAL LOSS IN GLUCOSE MONITORING SYSTEM  
 (51) Int. Cl.  
 H04B 17/23 ( 2015.01 )  
 A61B 5/145 ( 2006.01 )  
 A61B 5/15 ( 2006.01 )  
 H04B 1/3827 ( 2015.01 )  
 H04B 5/48 ( 2024.01 )  
 H04B 5/73 ( 2024.01 )  
 H04B 17/18 ( 2015.01 )
- (31) 10-2024-0069510 (32) 28.05.24 (33) KR

- (43) 18.12.2025  
 (72) KIM, Kyu Jin  
 (74) LAMINAR IP PTY LTD
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- (71) i-SENS, INC.  
 (11) AU-A-2025202475  
 (21) 2025202475 (22) 08.04.2025  
 (54) METHOD OF OUTPUTTING BLOOD GLUCOSE DATA  
 (51) Int. Cl.  
 A61B 5/145 ( 2006.01 )  
 G06F 11/07 ( 2006.01 )  
 G16H 50/20 ( 2018.01 )  
 G16H 50/70 ( 2018.01 )  
 H04L 9/40 ( 2022.01 )
- (31) 10-2024-0069473 (32) 28.05.24 (33) KR  
 (43) 18.12.2025  
 (72) KIM, Kyu Jin  
 (74) LAMINAR IP PTY LTD
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- (71) Itron, Inc.  
 (11) AU-A-2025271394  
 (21) 2025271394 (22) 27.11.2025  
 (54) Bluetooth low energy (BLE) advertising packet security  
 (51) Int. Cl.  
 H04W 12/50 ( 2021.01 )  
 G06F 21/44 ( 2013.01 )  
 H04L 9/28 ( 2006.01 )  
 H04L 9/32 ( 2006.01 )  
 H04L 9/40 ( 2022.01 )  
 H04W 4/80 ( 2018.01 )  
 H04W 12/03 ( 2021.01 )  
 H04W 12/06 ( 2021.01 )  
 H04W 12/10 ( 2021.01 )  
 H04W 12/108 ( 2021.01 )
- (43) 18.12.2025  
 (62) 2022202755  
 (72) WEBER, Isaiah Michael; HOLMDAHL, Bret Gregory  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Itron Global SARL  
 (11) AU-A-2025271382  
 (21) 2025271382 (22) 26.11.2025  
 (54) Multi-material transducer enclosure  
 (51) Int. Cl.  
 H04R 1/02 ( 2006.01 )  
 H04R 17/00 ( 2006.01 )
- (43) 18.12.2025  
 (62) 2020204447  
 (72) SABRAOUI, Abbas; BOTTNER, Michel; VAGO, Stephane; PASTOR, Gregory  
 (74) Spruson & Ferguson
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- (71) Jazz Pharmaceuticals Research UK Limited  
 (11) AU-A-2025271332  
 (21) 2025271332 (22) 26.11.2025  
 (54) Use of cannabinoids in the treatment of epilepsy  
 (51) Int. Cl.  
 A61K 45/06 ( 2006.01 )  
 A61K 31/352 ( 2006.01 )  
 A61K 36/185 ( 2006.01 )  
 A61P 25/08 ( 2006.01 )

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 (62) 2023258400  
 (72) GUY, Geoffrey; WRIGHT, Stephen; MEAD, Alice; DEVINSKY, Orrin  
 (74) FPA Patent Attorneys Pty Ltd
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- (71) JCM AMERICAN CORPORATION  
 (11) AU-A-2025271323  
 (21) 2025271323 (22) 26.11.2025  
 (54) SYSTEMS AND METHODS FOR FUNDING GAME PLAY AT CASINO GAMING TABLES  
 (51) Int. Cl.  
 G07F 17/32 ( 2006.01 )  
 G06Q 20/32 ( 2012.01 )  
 G06Q 20/36 ( 2012.01 )
- (43) 18.12.2025  
 (62) 2022360222  
 (72) NGUYEN, Mike; KUBAJAK, David; LAI, Kwun; BLEVINS, Chris; ARCHIBALD, Dillon; CAGLE, Jordan  
 (74) AJ PARK
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- (71) Jhunjunwala, S.  
 (11) AU-A-2024204966  
 (21) 2024204966 (22) 18.07.2024  
 (54) A mattress cover  
 (51) Int. Cl.  
 A47G 9/02 ( 2006.01 )  
 A47C 21/02 ( 2006.01 )  
 A47C 21/06 ( 2006.01 )  
 A47C 27/00 ( 2006.01 )  
 A47C 31/10 ( 2006.01 )
- (31) 202421042159 (32) 30.05.24 (33) IN  
 (43) 18.12.2025  
 (72) Jhunjunwala, Sachin  
 (74) Cooper IP Pty Ltd
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- (71) Joy Global Underground Mining LLC  
 (11) AU-A-2025271162  
 (21) 2025271162 (22) 21.11.2025  
 (54) Roof support including extendable links  
 (51) Int. Cl.  
 E21C 27/20 ( 2006.01 )  
 E21C 35/24 ( 2006.01 )  
 E21C 41/18 ( 2006.01 )  
 E21D 23/03 ( 2006.01 )  
 E21D 23/04 ( 2006.01 )  
 E21D 23/06 ( 2006.01 )
- (43) 18.12.2025  
 (62) 2019346421  
 (72) DODGSON, Keith; BROCKLEHURST, Mark  
 (74) Griffith Hack
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- (71) JUUL Labs, Inc.  
 (11) AU-A-2025271230  
 (21) 2025271230 (22) 25.11.2025  
 (54) Control of an electronic vaporizer  
 (51) Int. Cl.  
 A61M 15/06 ( 2006.01 )  
 A24F 47/00 ( 2020.01 )  
 A61M 11/04 ( 2006.01 )
- (43) 18.12.2025  
 (62) 2024200483  
 (72) COHEN, Gal A.; GOULD, Alexander; XING, Chenyue; MONSEES, James;

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HATTON, Nicholas J.; ATKINS, Ariel;  
BOWEN, Adam  
**(74)** Spruson & Ferguson

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**(71)** Karsten Manufacturing Corporation  
**(11)** AU-A-2025271072  
**(21)** 2025271072 **(22)** 20.11.2025  
**(54)** Skateboard with multi-wheel truck  
**(51)** Int. Cl.  
**A63C 17/00** ( 2006.01 )  
**A63C 17/01** ( 2006.01 )  
**A63C 17/02** ( 2006.01 )  
**A63C 17/04** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020247824  
**(72)** CAPPELLO, Dylan R.; PETERSEN,  
David L.; SOLHEIM, John A.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** KONSTEK, P.  
**(11)** AU-A-2025203270  
**(21)** 2025203270 **(22)** 07.05.2025  
**(54)** Bag Monitoring System  
**(51)** Int. Cl.  
**B65B 57/18** ( 2006.01 )  
**B65B 57/02** ( 2006.01 )  
**B65F 1/14** ( 2006.01 )  
**(31)** 2024901591 **(32)** 28.05.24 **(33)** AU  
**(43)** 18.12.2025  
**(72)** Dobrescue, Cristian  
**(74)** IP Sentinels

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**(71)** L'Air Liquide, Société Anonyme pour  
l'Etude et l'Exploitation des Procédés  
Georges Claude; Air Liquide France In-  
dustrie  
**(11)** AU-A-2025202642  
**(21)** 2025202642 **(22)** 15.04.2025  
**(54)** DEVICE FOR INJECTING A CRYO-  
GENIC FLUID THROUGH THE BASE  
OF A MIXER  
**(51)** Int. Cl.  
**F25D 3/10** ( 2006.01 )  
**A23L 2/56** ( 2006.01 )  
**A23L 2/60** ( 2006.01 )  
**B01F 27/80** ( 2022.01 )  
**B01F 35/90** ( 2022.01 )  
**(31)** 2405715 **(32)** 31.05.24 **(33)** FR  
**(43)** 18.12.2025  
**(72)** Reymond, Christian; Pichou, Michel; Le  
Bot, Patrick  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** Lauren Sciences LLC  
**(11)** AU-A-2025271142  
**(21)** 2025271142 **(22)** 21.11.2025  
**(54)** BOLAAMPHIPHILIC COMPOUNDS,  
COMPOSITIONS AND USES THERE-  
OF  
**(51)** Int. Cl.  
**A61K 9/51** ( 2006.01 )  
**A61K 9/133** ( 2006.01 )  
**A61K 38/18** ( 2006.01 )  
**A61P 25/16** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )

**(43)** 18.12.2025  
**(62)** 2022200494  
**(72)** LINDER, Charles; HELDMAN, Eliahu;  
GRINBERG, Sarina  
**(74)** Baxter Patent Attorneys Pty Ltd

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**(71)** LC Automation Pty Ltd  
**(11)** AU-A-2025271063  
**(21)** 2025271063 **(22)** 20.11.2025  
**(54)** A STRUCTURE FOR SOLAR PANELS  
**(51)** Int. Cl.  
**F24S 25/33** ( 2018.01 )  
**F24S 20/00** ( 2018.01 )  
**F24S 25/12** ( 2018.01 )  
**F24S 25/60** ( 2018.01 )  
**H02S 20/10** ( 2014.01 )  
**H02S 20/30** ( 2014.01 )  
**(43)** 18.12.2025  
**(62)** 2024278343  
**(72)** Bennett, Harvey  
**(74)** BOSH IP Pty Ltd

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**(71)** Lentigen Technology, Inc.; THE U.S.A.,  
AS REPRESENTED BY THE SECRET-  
ARY, DEPARTMENT OF HEALTH AND  
HUMAN SERVICES  
**(11)** AU-A-2025271065  
**(21)** 2025271065 **(22)** 20.11.2025  
**(54)** Compositions and methods for treating  
cancer with anti-ROR1 immunotherapy  
**(51)** Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**A61K 38/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/10** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2018360031  
**(72)** DIMITROV, Dimitar S; ORENTAS , Ri-  
mas J; ZHU, Zhongyu; SCHNEIDER,  
Dina; DROPULIC, Boro  
**(74)** Griffith Hack

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**(71)** Leo Cancer Care, Inc.  
**(11)** AU-A-2025271317  
**(21)** 2025271317 **(22)** 25.11.2025  
**(54)** Multi-axis medical imaging  
**(51)** Int. Cl.  
**B82Y 99/00** ( 2011.01 )  
**H05G 1/00** ( 2006.01 )  
**H05G 1/02** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2021392614  
**(72)** HARPER, Brent Melvin; MACKIE,  
Thomas Rockwell; TOWE, Steph-  
en Kevin; BALDWIN, Alan Dart;  
HOLZMANN, Timothy John; WEST-  
WOOD, Anthony  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** LG Electronics Inc.  
**(11)** AU-A-2025202973  
**(21)** 2025202973 **(22)** 29.04.2025  
**(54)** COOKING APPLIANCE  
**(51)** Int. Cl.  
**H05B 6/64** ( 2006.01 )  
**(31)** 10-2024-0070856 **(32)** 30.05.24 **(33)** KR

10-2024-0187155 16.12.24 KR  
10-2024-0187153 16.12.24 KR  
10-2024-0187151 16.12.24 KR

**(43)** 18.12.2025  
**(72)** KIM, Dong Hun; KIM, Young Jin; KIM,  
Jeongkil; JANG, Junhwan; KWON,  
Geon; LEE, Hansu  
**(74)** Dentons Patent Attorneys Australasia  
Limited

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**(71)** LG Electronics Inc.  
**(11)** AU-A-2025203852  
**(21)** 2025203852 **(22)** 26.05.2025  
**(54)** COOKING APPLIANCE WITH DIGITAL  
CONTROLLER DOOR AND METHOD  
FOR CONTROLLING COOKING AP-  
PLIANCE  
**(51)** Int. Cl.  
**F24C 7/08** ( 2006.01 )  
**F24C 7/02** ( 2006.01 )  
**F24C 15/02** ( 2006.01 )  
**H05B 6/00** ( 2006.01 )  
**(31)** 10-2024-0070766 **(32)** 30.05.24 **(33)** KR  
10-2024-0187290 16.12.24 KR  
**(43)** 18.12.2025  
**(72)** KIM, Dong Hun; KIM, Young Jin; KIM,  
Jeongkil; JANG, Junhwan; KWON,  
Geon; LEE, Hansu  
**(74)** Dentons Patent Attorneys Australasia  
Limited

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**(71)** LG Electronics Inc.  
**(11)** AU-A-2025204037  
**(21)** 2025204037 **(22)** 30.05.2025  
**(54)** BRACKET ASSEMBLY AND DISPLAY  
DEVICE COMPRISING THE SAME  
**(51)** Int. Cl.  
**H05K 5/03** ( 2006.01 )  
**F16M 11/04** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
**G06F 1/16** ( 2006.01 )  
**H05K 5/02** ( 2006.01 )  
**H05K 7/14** ( 2006.01 )  
**H10K 59/80** ( 2023.01 )  
**(31)** 10-2024-0070762 **(32)** 30.05.24 **(33)** KR  
**(43)** 18.12.2025  
**(72)** Kim, Yoonsu; Hong, Sungwan  
**(74)** Dentons Patent Attorneys Australasia  
Limited

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**(71)** LG Electronics Inc.  
**(11)** AU-A-2025271081  
**(21)** 2025271081 **(22)** 20.11.2025  
**(54)** IMAGE DECODING METHOD FOR  
PERFORMING INTER-PREDICTION  
WHEN PREDICTION MODE FOR  
CURRENT BLOCK ULTIMATELY CAN-  
NOT BE SELECTED, AND DEVICE  
FOR SAME  
**(51)** Int. Cl.  
**H04N 19/109** ( 2014.01 )  
**H04N 19/105** ( 2014.01 )  
**H04N 19/119** ( 2014.01 )  
**H04N 19/132** ( 2014.01 )  
**H04N 19/139** ( 2014.01 )  
**H04N 19/176** ( 2014.01 )  
**H04N 19/513** ( 2014.01 )

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(43) 18.12.2025  
 (62) 2024200410  
 (72) JANG, Hyeongmoon; PARK, Naeri;  
 KIM, Seunghwan  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) LG Electronics Inc.  
 (11) AU-A-2025271091  
 (21) 2025271091 (22) 20.11.2025  
 (54) TRANSFORM-BASED IMAGE COD-  
 ING METHOD AND DEVICE THERE-  
 FOR  
 (51) Int. Cl.  
*H04N 19/60* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/137* ( 2014.01 )  
*H04N 19/14* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )

(43) 18.12.2025  
 (62) 2024200638  
 (72) KOO, Moonmo; LIM, Jaehyun; CHOI,  
 Jungah; KIM, Seunghwan; SALEHI-  
 FAR, Mehdi  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) LG Electronics Inc.  
 (11) AU-A-2025271099  
 (21) 2025271099 (22) 20.11.2025  
 (54) Refrigerator  
 (51) Int. Cl.  
*F25D 23/12* ( 2006.01 )  
*F25C 5/04* ( 2006.01 )  
*F25D 23/06* ( 2006.01 )

(43) 18.12.2025  
 (62) 2023286008  
 (72) KIM, Yonghyun; PARK, Hyunji; HONG,  
 Jinil  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-A-2025271152  
 (21) 2025271152 (22) 21.11.2025  
 (54) Refrigerator  
 (51) Int. Cl.  
*F25D 11/00* ( 2006.01 )  
*F25C 1/18* ( 2006.01 )  
*F25C 1/24* ( 2018.01 )  
*F25C 5/02* ( 2006.01 )  
*F25D 25/02* ( 2006.01 )  
*F25D 29/00* ( 2006.01 )

(43) 18.12.2025  
 (62) 2023214235  
 (72) LEE, Donghoon; LEE, Wookyong;  
 SON, Sunggyun; LEE, Donghoon;  
 YEOM, Seungseob; BAE, Yongjun;  
 PARK, Chongyoung  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) LG Electronics Inc.  
 (11) AU-A-2025271159  
 (21) 2025271159 (22) 21.11.2025  
 (54) Refrigerator  
 (51) Int. Cl.  
*F25D 11/04* ( 2006.01 )

*F25C 1/18* ( 2006.01 )  
*F25C 1/24* ( 2018.01 )  
*F25C 5/02* ( 2006.01 )  
*F25C 5/18* ( 2018.01 )  
*F25D 11/00* ( 2006.01 )  
*F25D 25/02* ( 2006.01 )  
*F25D 29/00* ( 2006.01 )

(43) 18.12.2025  
 (62) 2023211723  
 (72) LEE, Donghoon; LEE, Wookyong;  
 PARK, Chongyoung; LEE, Donghoon;  
 YEOM, Seungseob; BAE, Yongjun;  
 SON, Sunggyun  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) LG Electronics Inc.  
 (11) AU-A-2025271408  
 (21) 2025271408 (22) 27.11.2025  
 (54) FILTERING-BASED IMAGE CODING  
 DEVICE AND METHOD  
 (51) Int. Cl.  
*H04N 19/82* ( 2014.01 )  
*H04N 19/117* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/14* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )

(43) 18.12.2025  
 (62) 2024200272  
 (72) HENDRY, Hendry; PALURI, Seethal;  
 KIM, Seunghwan  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) LG Electronics Inc.  
 (11) AU-A-2025271409  
 (21) 2025271409 (22) 27.11.2025  
 (54) Vacuum cleaner nozzle  
 (51) Int. Cl.  
*A47L 11/20* ( 2006.01 )  
*A47L 9/06* ( 2006.01 )  
*A47L 11/202* ( 2006.01 )  
*A47L 11/40* ( 2006.01 )

(43) 18.12.2025  
 (62) 2024203615  
 (72) RYU, Jungwan; KO, Moohyun; SHIN,  
 Jinhyouk; YANG, Ingyu  
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.  
 (11) AU-A-2025271416  
 (21) 2025271416 (22) 27.11.2025  
 (54) METHOD AND DEVICE FOR IMAGE  
 CODING USING MOTION VECTOR  
 DIFFERENCES  
 (51) Int. Cl.  
*H04N 19/573* ( 2014.01 )  
*H04N 19/105* ( 2014.01 )  
*H04N 19/109* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/513* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )

(43) 18.12.2025  
 (62) 2024201368  
 (72) PARK, Naeri; NAM, Junghak; JANG,  
 Hyeongmoon  
 (74) Dentons Patent Attorneys Australasia  
 Limited

(71) LG ELECTRONICS INC.  
 (11) AU-A-2025271172  
 (21) 2025271172 (22) 24.11.2025  
 (54) Laundry treating apparatus  
 (51) Int. Cl.  
*D06F 29/00* ( 2006.01 )  
*D06F 34/34* ( 2020.01 )

(43) 18.12.2025  
 (62) 2023203777  
 (72) CHO, Sangho; JUNG, Youngho;  
 KWON, Daehan  
 (74) FB Rice Pty Ltd

(71) LG Energy Solution, LTD.  
 (11) AU-A-2025271176  
 (21) 2025271176 (22) 24.11.2025  
 (54) Battery pack and power storage device  
 comprising same  
 (51) Int. Cl.  
*H01M 10/42* ( 2006.01 )  
*H02J 7/00* ( 2006.01 )

(43) 18.12.2025  
 (62) 2020300329  
 (72) KIM, Song-Gwon  
 (74) FB Rice Pty Ltd

(71) Life Edit Therapeutics, Inc.  
 (11) AU-A-2025271070  
 (21) 2025271070 (22) 20.11.2025  
 (54) RNA-guided nucleases and active frag-  
 ments and variants thereof and meth-  
 ods of use  
 (51) Int. Cl.  
*C12N 9/22* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )

(43) 18.12.2025  
 (62) 2019282149  
 (72) BOWEN, Tyson D.; ELICH, Tedd D.;  
 CRAWLEY, Alexandra Briner; BAR-  
 RANGOU, Rodolphe; COYLE, Michael  
 (74) Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

(71) Life Technologies Corporation  
 (11) AU-A-2025271059  
 (21) 2025271059 (22) 20.11.2025  
 (54) Suspension system for adeno associ-  
 ated virus production  
 (51) Int. Cl.  
*C07K 14/005* ( 2006.01 )  
*C12N 15/86* ( 2006.01 )

(43) 18.12.2025  
 (62) 2020225632  
 (72) DE MOLLERAT DU JEU, Xavier; LIU,  
 Chao Yan; LIU, Jian; ZMUDA, Jonath-  
 an; YU, Xin  
 (74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) Lincoln Global, Inc.  
 (11) AU-A-2025271349  
 (21) 2025271349 (22) 26.11.2025  
 (54) Welding or additive manufacturing dual wire drive system  
 (51) Int. Cl.  
*B23K 9/133* ( 2006.01 )  
*B23K 9/02* ( 2006.01 )  
*B23K 9/04* ( 2006.01 )  
*B23K 9/12* ( 2006.01 )  
*B23K 35/02* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2021200318  
 (72) BOMBARDIER, Jean-Luc; PETERS, Steven R.; MEHLMAN, Alexander C.; WEEKS, Matthew A.; PETOT, Bradford W.  
 (74) Spruson & Ferguson

(71) LogicBio Therapeutics, Inc.  
 (11) AU-A-2025271061  
 (21) 2025271061 (22) 20.11.2025  
 (54) MANUFACTURING AND USE OF RE-COMBINANT AAV VECTORS  
 (51) Int. Cl.  
*C12N 15/86* ( 2006.01 )  
*C12N 15/864* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2022227005  
 (72) Hebben, Matthias Charles Jerome; Liao, Jing; Wu, Carmen; Reuter, Wilhad Hans; Edwards, Thomas Matthew  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) LONGI PHOTOVOLTAIC TECHNOLOGY (JIAXING) CO., LTD.  
 (11) AU-A-2025230788  
 (21) 2025230788 (22) 23.04.2025  
 (54) SOLAR CELL STRING AND PHOTOVOLTAIC MODULE  
 (51) Int. Cl.  
*H10F 19/10* ( 2025.01 )  
*H02S 40/36* ( 2014.01 )  
*H10F 77/20* ( 2025.01 )  
 (31) 202410692349.X (32) 30.05.24 (33) CN  
 (43) 18.12.2025  
 (72) LIN, Hua; ZHANG, Liang; WANG, Weide; FENG, Chunnuan; LYU, Yuan  
 (74) WRAYS PTY LTD

(71) MAKO Surgical Corp.  
 (11) AU-A-2025271208  
 (21) 2025271208 (22) 24.11.2025  
 (54) Systems and tools for use with surgical robotic manipulators  
 (51) Int. Cl.  
*A61B 17/32* ( 2006.01 )  
*A61B 34/30* ( 2016.01 )  
*A61B 90/98* ( 2016.01 )  
*F16D 1/08* ( 2006.01 )  
*F16D 1/10* ( 2006.01 )  
*F16D 15/00* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2025201274  
 (72) Flatt, James E.  
 (74) Davies Collison Cave Pty Ltd

(71) MAKO Surgical Corp.  
 (11) AU-A-2025271212  
 (21) 2025271212 (22) 24.11.2025  
 (54) Navigation systems and methods for reducing tracking interruptions during a surgical procedure  
 (51) Int. Cl.  
*A61B 34/20* ( 2016.01 )  
 (43) 18.12.2025  
 (62) 2024201278  
 (72) Moctezuma De La Barrera, Jose Luis; Malackowski, Donald W.  
 (74) Davies Collison Cave Pty Ltd

(71) MannKind Corporation; United Therapeutics Corporation  
 (11) AU-A-2025271417  
 (21) 2025271417 (22) 27.11.2025  
 (54) Fumaryl diketopiperidine prodrugs of treprostinil  
 (51) Int. Cl.  
*C07D 241/08* ( 2006.01 )  
*A61K 31/4965* ( 2006.01 )  
*A61P 9/04* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*A61P 9/12* ( 2006.01 )  
*A61P 9/14* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
*A61P 11/06* ( 2006.01 )  
*A61P 17/02* ( 2006.01 )  
*A61P 25/02* ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2021289336  
 (72) BATRA, Hitesh; HARRIS, Elizabeth Ann; TUMMALA, Sri Harsha; POISSON, Patrick; GUO, Liang  
 (74) Griffith Hack

(71) MasterCard International Incorporated  
 (11) AU-A-2025271101  
 (21) 2025271101 (22) 20.11.2025  
 (54) Improvements relating to identity authentication and validation  
 (51) Int. Cl.  
*H04L 9/32* ( 2006.01 )  
*G06Q 20/40* ( 2012.01 )  
 (43) 18.12.2025  
 (62) 2020272522  
 (72) SMETS, Patrik; ROBERTS, David Anthony  
 (74) Davies Collison Cave Pty Ltd

(71) MasterCard International Incorporated  
 (11) AU-A-2025271155  
 (21) 2025271155 (22) 21.11.2025  
 (54) A system and method of managing data injection into an executing data processing system  
 (51) Int. Cl.  
*G06Q 20/40* ( 2012.01 )  
 (43) 18.12.2025  
 (62) 2024200694  
 (72) KNOBLAUCH, Bradley John  
 (74) Spruson & Ferguson

Menzies, T. see Menzies, G.W.  
 (21) 2025204156

Menzies, S.W. see Menzies, G.W.  
 (21) 2025204156

Menzies, R.G. see Menzies, G.W.  
 (21) 2025204156

(71) Menzies, G.W.; Menzies, T.; Menzies, S.W.; Menzies, R.G.; CLEW Holdings Group Pty Ltd; WPH Holdings Group Pty Ltd; Suvla Properties Pty Ltd  
 (11) AU-A-2025204156  
 (21) 2025204156 (22) 04.06.2025  
 (54) TRANSPORT PLATFORM ASSEMBLY AND METHOD  
 (51) Int. Cl.  
*B65D 88/12* ( 2006.01 )  
*B62D 33/02* ( 2006.01 )  
*B65D 19/00* ( 2006.01 )  
*B60P 1/64* ( 2006.01 )  
*B62D 53/06* ( 2006.01 )  
*B65D 19/38* ( 2006.01 )  
*B65D 90/00* ( 2006.01 )  
 (31) 2024901685 (32) 04.06.24 (33) AU  
 (43) 18.12.2025  
 (72) Eade, Raymond; Poikayil, Samuel  
 (74) MBIP

(71) Mesoblast, Inc.  
 (11) AU-A-2025271232  
 (21) 2025271232 (22) 25.11.2025  
 (54) Method of treating graft versus host disease  
 (51) Int. Cl.  
*A61K 35/28* ( 2015.01 )  
*A61P 37/06* ( 2006.01 )  
*C12N 5/077* ( 2010.01 )  
*C12N 5/0789* ( 2010.01 )  
 (43) 18.12.2025  
 (62) 2023202819  
 (72) ITESCU, Silviu; SCHUSTER, Michael David  
 (74) FB Rice Pty Ltd

(71) MFTB Holdco, Inc.  
 (11) AU-A-2024227682  
 (21) 2024227682 (22) 28.10.2024  
 (54) Automated room-specific white balance correction in a building image with visual data showing multiple rooms  
 (51) Int. Cl.  
*G06T 5/77* ( 2024.01 )  
*G06T 7/90* ( 2017.01 )  
*G06V 10/70* ( 2022.01 )  
 (31) 18/676,299 (32) 28.05.24 (33) US  
 (43) 18.12.2025  
 (72) Wan, Zhiqiang; Bhanushali, Jasmine Jayant; Albadawi, Haithem  
 (74) Davies Collison Cave Pty Ltd

(71) Monsanto Technology LLC  
 (11) AU-A-2025271238  
 (21) 2025271238 (22) 25.11.2025  
 (54) Microencapsulated herbicides  
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

**A01N 25/04** ( 2006.01 )  
**A01N 25/28** ( 2006.01 )  
**A01P 13/02** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023258401  
**(72)** Hemminghaus, John W; Rana, Neha;  
Voss, Steven T; Zhang, Junhua  
**(74)** Griffith Hack

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**(71)** N.V. NUTRICIA  
**(11)** AU-A-2025271392  
**(21)** 2025271392 **(22)** 27.11.2025  
**(54)** NUTRITIONAL COMPOSITION COM-  
PRISING 2'FUCOSYLLACTOSE AND  
DIETARY BUTYRATE  
**(51)** Int. Cl.  
**A23L 33/10** ( 2016.01 )  
**A23L 33/00** ( 2016.01 )  
**A23L 33/12** ( 2016.01 )  
**A23L 33/21** ( 2016.01 )  
**A61K 31/19** ( 2006.01 )  
**A61K 31/702** ( 2006.01 )  
A23C 9/20 ( 2006.01 )  
A61P 3/02 ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020287252  
**(72)** POTAPPEL-van 't LAND, Belinda;  
RENES, Ingrid Brunhilde; WI-  
ERTSEMA, Selma Paulien;  
THOMASSEN, Gabriël; OVERBEEK,  
Saskia Adriana; BEN AMOR, Kaouther;  
BRABER, Saskia  
**(74)** Griffith Hack

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**(71)** Nextivity, Inc.  
**(11)** AU-A-2025271422  
**(21)** 2025271422 **(22)** 27.11.2025  
**(54)** SENSING AND COMMUNICATING  
SITUATIONAL AWARENESS DATA  
WITH DISTRIBUTED ANTENNA SYS-  
TEMS  
**(51)** Int. Cl.  
**G08B 21/02** ( 2006.01 )  
**G08B 1/08** ( 2006.01 )  
**G08B 25/10** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022316127  
**(72)** Lotter, Michiel Petrus  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** NINGBO XINGWEI CUTTING-TOOLS  
TECHNOLOGY CO., LTD.  
**(11)** AU-A-2025271500  
**(21)** 2025271500 **(22)** 28.11.2025  
**(54)** DOUBLE-EDGED ART KNIFE  
**(51)** Int. Cl.  
**B26B 1/08** ( 2006.01 )  
**B26B 1/10** ( 2006.01 )  
**B26B 5/00** ( 2006.01 )  
**B26B 9/02** ( 2006.01 )  
**B44B 11/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023203571  
**(72)** Du, Jianfu; Pan, Mingxiang; Yao, Qi  
**(74)** SOLIS IP PTY LTD

**(71)** Norbar Torque Tools Limited  
**(11)** AU-A-2025271213  
**(21)** 2025271213 **(22)** 24.11.2025  
**(54)** Cooling electronics of power tools  
**(51)** Int. Cl.  
**B25F 5/02** ( 2006.01 )  
**B25F 5/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023270254  
**(72)** TONGUE, Matthew; RADINI, Richard  
**(74)** Griffith Hack

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**(71)** Nouvel Technologies Inc.  
**(11)** AU-A-2025271410  
**(21)** 2025271410 **(22)** 27.11.2025  
**(54)** Condensing vapor  
**(51)** Int. Cl.  
**B01D 53/26** ( 2006.01 )  
**B01D 46/00** ( 2022.01 )  
**B01D 53/32** ( 2006.01 )  
**B03C 3/011** ( 2006.01 )  
**B03C 3/017** ( 2006.01 )  
**B03C 3/45** ( 2006.01 )  
**B03C 3/60** ( 2006.01 )  
**C02F 1/46** ( 2023.01 )  
**C02F 1/66** ( 2023.01 )  
**F28C 1/16** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2019372085  
**(72)** JAFFREY, Kamal  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** NSLAB CO., LTD.  
**(11)** AU-A-2025230710  
**(21)** 2025230710 **(22)** 26.05.2025  
**(54)** ELECTRONIC WALLET SYSTEM  
WITH SPLITTING METHOD FOR OFF-  
LINE TOKENS HAVING CRYPTOCUR-  
RENCY ACCESS RIGHTS IN BLOCK-  
CHAIN  
**(51)** Int. Cl.  
**G06Q 20/36** ( 2012.01 )  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/40** ( 2012.01 )  
**H04L 9/32** ( 2006.01 )  
**(31)** 10-2024-0069046 **(32)** 28.05.24 **(33)** KR  
**(43)** 18.12.2025  
**(72)** CHA, Joong Hyuk; KIM, Hyeong Jin;  
LEE, Jae Hyun  
**(74)** WRAYS PTY LTD

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**(71)** One Zero Pty Limited  
**(11)** AU-A-2025271042  
**(21)** 2025271042 **(22)** 19.11.2025  
**(54)** Garment  
**(51)** Int. Cl.  
**A41B 11/00** ( 2006.01 )  
**A41B 11/12** ( 2006.01 )  
**D06M 10/06** ( 2006.01 )  
**D06M 10/10** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** PCT/AU2025/050469  
**(72)** NASSAR, Elias Michael  
**(74)** FB Rice Pty Ltd

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**(71)** Owens-Brockway Glass Container Inc.  
**(11)** AU-A-2025271064

**(21)** 2025271064 **(22)** 20.11.2025  
**(54)** Glass container with ring pull cap rim  
**(51)** Int. Cl.  
**B65D 1/02** ( 2006.01 )  
**B65D 1/10** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020344619  
**(72)** DELAGRANGE, Donald P.; PAREDES,  
Raul M.  
**(74)** Spruson & Ferguson

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**Oxford University Innovation Limited see  
United Kingdom Research and Innovation**  
**(21)** 2025263913

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**(71)** OXTI Pte Ltd  
**(11)** AU-A-2024203767  
**(21)** 2024203767 **(22)** 04.06.2024  
**(54)** MULTIFUNCTIONAL CARRIER  
STRUCTURE  
**(51)** Int. Cl.  
**F16M 11/04** ( 2006.01 )  
**F16M 11/08** ( 2006.01 )  
**F16M 11/12** ( 2006.01 )  
**F16B 5/06** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
**(43)** 18.12.2025  
**(72)** Ho, Chih-Feng  
**(74)** Alfred Lei

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**(71)** OXTI Pte Ltd  
**(11)** AU-A-2024203768  
**(21)** 2024203768 **(22)** 04.06.2024  
**(54)** MULTIFUNCTIONAL CARRIER  
STRUCTURE  
**(51)** Int. Cl.  
**F16M 11/08** ( 2006.01 )  
**F16M 11/12** ( 2006.01 )  
**F16B 5/06** ( 2006.01 )  
**F16M 13/02** ( 2006.01 )  
**(43)** 18.12.2025  
**(72)** Ho, Chih-Feng  
**(74)** Alfred Lei

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**(71)** Pelican Products, Inc.  
**(11)** AU-A-2025202601  
**(21)** 2025202601 **(22)** 11.04.2025  
**(54)** Equipment case firearm frame as-  
sembly  
**(51)** Int. Cl.  
**F41C 33/06** ( 2006.01 )  
**A47B 81/00** ( 2006.01 )  
**B65D 25/10** ( 2006.01 )  
**B65D 55/02** ( 2006.01 )  
**(31)** 18/733330 **(32)** 04.06.24 **(33)** US  
**(43)** 18.12.2025  
**(72)** LYNDIS, Ted  
**(74)** Spruson & Ferguson

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**(71)** PELL Bio-Med Technology Co., Ltd.  
**(11)** AU-A-2025203971  
**(21)** 2025203971 **(22)** 28.05.2025  
**(54)** USE OF PEPTIDE IN PREPARING  
MEDICAMENT FOR SKELETON PRO-  
TECTION, AND INHIBITION OF PRO-  
LIFERATION AND MIGRATION OF

Applications Open to Public Inspection - Name Index cont'd

SYNOVIOCYTES AND BONE RE-SORPTION  
**(51)** Int. Cl.  
**A61K 38/08** ( 2019.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 19/08** ( 2006.01 )  
**(31)** 113120387 **(32)** 31.05.24 **(33)** TW  
**(43)** 18.12.2025  
**(72)** Lin, Chen-Lung; Chien, Wen-Pin; Wu, Hsin-Yi; Chou, Li-Che; Wu, Chiung-Ju; Yang, Pei-Shan  
**(74)** Madderns Pty Ltd

**(71)** Pioneer Hi-Bred International, Inc.  
**(11)** AU-A-2025271145  
**(21)** 2025271145 **(22)** 21.11.2025  
**(54)** Methods and compositions for imputing or predicting genotype or phenotype  
**(51)** Int. Cl.  
**G16B 20/20** ( 2019.01 )  
**G16B 25/10** ( 2019.01 )  
**G16B 40/30** ( 2019.01 )  
**(43)** 18.12.2025  
**(62)** 2020236982  
**(72)** BAUMGARTEN, Andrew; GERKE, Justin P.; RODGERS-MELNICK, Eli  
**(74)** Oxygene IP

**(71)** PPG INDUSTRIES OHIO, INC.  
**(11)** AU-A-2025271138  
**(21)** 2025271138 **(22)** 21.11.2025  
**(54)** Systems, methods, and interfaces for determining a refinish estimate for an asset  
**(51)** Int. Cl.  
**G06F 30/20** ( 2020.01 )  
**B05D 5/00** ( 2006.01 )  
**B60S 5/00** ( 2006.01 )  
**G01J 3/46** ( 2006.01 )  
**G06F 30/10** ( 2020.01 )  
**(43)** 18.12.2025  
**(62)** 2022282537  
**(72)** LYNCH, Matthew K.; TULLETT, Nicholas; NEVELL, Timothy W.; NORRIS, Alison M.  
**(74)** Minter Ellison

**(71)** Prairie Machine & Parts Mfg. - Partnership  
**(11)** AU-A-2025203742  
**(21)** 2025203742 **(22)** 21.05.2025  
**(54)** CABLE CONNECTOR RETAINING ASSEMBLY  
**(51)** Int. Cl.  
**H01R 13/52** ( 2006.01 )  
**H01R 13/28** ( 2006.01 )  
**H01R 13/527** ( 2006.01 )  
**H01R 13/639** ( 2006.01 )  
**H01R 24/38** ( 2011.01 )  
**H01R 24/62** ( 2011.01 )  
**H02G 15/24** ( 2006.01 )  
**(31)** 18/731,799 **(32)** 03.06.24 **(33)** US  
**(43)** 18.12.2025  
**(72)** Hales, Michael; Nascimento, Alex  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Praxis Precision Medicines, Inc.  
**(11)** AU-A-2025271306  
**(21)** 2025271306 **(22)** 25.11.2025  
**(54)** Ion channel modulators  
**(51)** Int. Cl.  
**A61K 31/519** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61K 31/551** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2019278814  
**(72)** GRIFFIN, Andrew Mark; MARRON, Brian Edward; MARTINEZ BOTELLA, Gabriel; REDDY, Kiran; WITTMANN, Marion  
**(74)** Spruson & Ferguson

**(71)** Precision Biosciences, Inc.  
**(11)** AU-A-2025271174  
**(21)** 2025271174 **(22)** 24.11.2025  
**(54)** Engineered meganucleases with recognition sequences found in the human T cell receptor alpha constant region gene  
**(51)** Int. Cl.  
**C12N 9/22** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023202022  
**(72)** NICHOLSON, Michael G.; SMITH, James Jefferson; JANTZ, Derek; BARTSEVICH, Victor; MACLEOD, Daniel T.; ANTONY, Jeyaraj  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Prizzi, C.  
**(11)** AU-A-2024203698  
**(21)** 2024203698 **(22)** 02.06.2024  
**(54)** OEL For Vacant Properties  
**(51)** Int. Cl.  
**G06Q 50/16** ( 2012.01 )  
**G06Q 50/18** ( 2012.01 )  
**(43)** 18.12.2025  
**(72)** Prizzi, Chlorena  
**(74)** Chlorena Prizzi

**(71)** Promaxo, Inc.  
**(11)** AU-A-2025271326  
**(21)** 2025271326 **(22)** 26.11.2025  
**(54)** Pseudo-birdcage coil with variable tuning and applications thereof  
**(51)** Int. Cl.  
**G01R 33/34** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020225563  
**(72)** GUISADO, Jose Miguel Algar#n; NACEV, Aleksandar  
**(74)** Spruson & Ferguson

**(71)** Prysmian S.p.A.  
**(11)** AU-A-2025203095  
**(21)** 2025203095 **(22)** 30.04.2025  
**(54)** Wet-type outdoor cable termination  
**(51)** Int. Cl.  
**H02G 15/23** ( 2006.01 )  
**H01B 7/16** ( 2006.01 )  
**H01B 9/02** ( 2006.01 )  
**H01B 9/06** ( 2006.01 )

**H02G 15/04** ( 2006.01 )  
**H02G 15/064** ( 2006.01 )  
**(31)** 102024000012337 **(32)** 30.05.24 **(33)** IT  
**(43)** 18.12.2025  
**(72)** BOFFI, Paolo; FERTI, Andrea  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Prysmian S.p.A.  
**(11)** AU-A-2025204045  
**(21)** 2025204045 **(22)** 30.05.2025  
**(54)** Hang-off assembly for power cables, hang-off system and method for mounting such a hang-off system  
**(51)** Int. Cl.  
**H01B 7/40** ( 2006.01 )  
**H01B 17/02** ( 2006.01 )  
**(31)** 102024000012700 **(32)** 04.06.24 **(33)** IT  
**(43)** 18.12.2025  
**(72)** Yousefi, Mohammad Kia; Boffi, Paolo; Pogliani, Stefano  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Pure Lithium Corporation  
**(11)** AU-A-2025271196  
**(21)** 2025271196 **(22)** 24.11.2025  
**(54)** Lithium metal anode and battery  
**(51)** Int. Cl.  
**C25D 3/54** ( 2006.01 )  
**C25C 1/02** ( 2006.01 )  
**C25D 3/66** ( 2006.01 )  
**H01M 4/38** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2021333283  
**(72)** BODOIN, Emilie  
**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** R.P. Scherer Technologies, LLC  
**(11)** AU-A-2025271402  
**(21)** 2025271402 **(22)** 27.11.2025  
**(54)** ANALYTICAL METHOD FOR DETERMINING THE TOTAL AMOUNT OF A COATING POLYMER IN A DOSAGE FORM  
**(51)** Int. Cl.  
**A61K 9/20** ( 2006.01 )  
**A61K 9/28** ( 2006.01 )  
**A61K 9/48** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2020272641  
**(72)** BUSH, William Derek; CORMIER, Ryan Scott; SUKURU, Karunakar  
**(74)** Pearce IP Pty Ltd

**(71)** RapidSOS, Inc.  
**(11)** AU-A-2025271428  
**(21)** 2025271428 **(22)** 27.11.2025  
**(54)** Systems and methods for delivering and supporting digital requests for emergency service  
**(51)** Int. Cl.  
**H04W 4/90** ( 2018.01 )  
**H04W 4/02** ( 2018.01 )  
**H04W 76/50** ( 2018.01 )

Applications Open to Public Inspection - Name Index cont'd

- (43) 18.12.2025  
 (62) 2020335008  
 (72) MARTIN, Michael John; PELLEGRINI, Riccardo; HORELIK, Nicholas Edward; GUTHRIE, William Thomas  
 (74) FB Rice Pty Ltd
- 
- (71) Reactory Limited  
 (11) AU-A-2025252637  
 (21) 2025252637 (22) 18.10.2025  
 (54) Method and system for maturing an alcoholic fluid
- (51) Int. Cl.  
*C12H 1/04* ( 2006.01 )  
*C12G 3/00* ( 2019.01 )  
*C12H 6/00* ( 2019.01 )
- (43) 18.12.2025  
 (62) 2025201450  
 (72) ELTOM, Mark Andrew Maggio  
 (74) Prime Innovation Limited
- 
- (71) Reactory Limited  
 (11) AU-A-2025271319  
 (21) 2025271319 (22) 26.11.2025  
 (54) METHOD AND SYSTEM FOR MATURING AN ALCOHOLIC FLUID
- (51) Int. Cl.  
*C12H 1/04* ( 2006.01 )  
*C12G 3/00* ( 2019.01 )  
*C12H 6/00* ( 2019.01 )
- (43) 18.12.2025  
 (62) 2025201450  
 (72) ELTOM, Mark Andrew Maggio  
 (74) Prime Innovation Limited
- 
- (71) RESMED PTY LTD  
 (11) AU-A-2025271426  
 (21) 2025271426 (22) 27.11.2025  
 (54) EYE MASK SYSTEM
- (51) Int. Cl.  
*A61F 9/04* ( 2006.01 )  
*A61M 16/06* ( 2006.01 )  
*A61M 21/02* ( 2006.01 )
- (43) 18.12.2025  
 (62) 2021301462  
 (72) BARLOW, Adam Francis; FORMICA, Justin John; MUN, Sung Hoon; THOMAS, Hugh; HOLLEY, Liam  
 (74) James & Wells Intellectual Property
- 
- (71) Rite-Hite Holding Corporation  
 (11) AU-A-2025204074  
 (21) 2025204074 (22) 30.05.2025  
 (54) Bumpers For Use At Loading Docks
- (51) Int. Cl.  
*B65G 69/34* ( 2006.01 )  
*B65G 69/00* ( 2006.01 )
- (31) 63/654,597 (32) 31.05.24 (33) US  
 (43) 18.12.2025  
 (72) SVEUM, Matthew J  
 (74) WRAYS PTY LTD
- 
- (71) Rombus World Pty Ltd  
 (11) AU-A-2025271385  
 (21) 2025271385 (22) 26.11.2025  
 (54) SUPPORT PRODUCT

- (51) Int. Cl.  
*E01C 9/00* ( 2006.01 )  
*E01C 5/00* ( 2006.01 )  
*E01C 11/00* ( 2006.01 )  
*E01C 11/02* ( 2006.01 )  
*E01C 5/20* ( 2006.01 )
- (43) 18.12.2025  
 (62) 2024227352  
 (72) Johnston, Brett Jeffrey; Simmonds, Ryan  
 (74) Integrated IP
- 
- (71) Rovi Guides, Inc.  
 (11) AU-A-2025271337  
 (21) 2025271337 (22) 26.11.2025  
 (54) Systems and methods for real-time adaptive bitrate transcoding and transmission of transcoded media
- (51) Int. Cl.  
*H04N 21/2343* ( 2011.01 )  
*H04N 21/2662* ( 2011.01 )  
*H04N 21/4402* ( 2011.01 )  
*H04N 21/845* ( 2011.01 )
- (43) 18.12.2025  
 (62) 2024227661  
 (72) OLIVER, Jonathan; DOBRZYNSKI, Maciej; MAYHEW, Steven  
 (74) Spruson & Ferguson
- 
- (71) Sakura Finetek U.S.A., Inc.  
 (11) AU-A-2024259857  
 (21) 2024259857 (22) 08.11.2024  
 (54) Inkjet printer
- (51) Int. Cl.  
*B41J 2/175* ( 2006.01 )
- (31) 18/927,671 (32) 25.10.24 (33) US  
 63/656,060 04.06.24 US  
 (43) 18.12.2025  
 (72) SHEPPARD, Robert Jeff; TSUZUKI, Ryo; SHAH, Amit D.  
 (74) Spruson & Ferguson
- 
- (71) SAS Systems Pty Ltd  
 (11) AU-A-2025271107  
 (21) 2025271107 (22) 20.11.2025  
 (54) Improvements in snap fit posts for fence panels balustrades and the like
- (51) Int. Cl.  
*E04H 17/14* ( 2006.01 )  
*E04F 11/18* ( 2006.01 )  
*E04H 17/00* ( 2006.01 )  
*E04H 17/20* ( 2006.01 )
- (43) 18.12.2025  
 (62) 2023216886  
 (72) Thomas, Leslie James  
 (74) Ahearn Fox
- 
- (71) SATELIO IOT SERVICES, S.L.  
 (11) AU-A-2025271255  
 (21) 2025271255 (22) 25.11.2025  
 (54) Method of asynchronous registration of a user equipment in a mobile communication network
- (51) Int. Cl.  
*H04B 7/185* ( 2006.01 )

- (43) 18.12.2025  
 (62) 2021475416  
 (72) CALVERAS AUGÉ, Ana María; RIGAZZI, Giovanni; KELLERMANN, Timo; CAMPS MUR, Daniel; GUADALUPI, Marco; SANPERA IZOARD, Jaume  
 (74) GLMR
- 
- (71) Schott AG  
 (11) AU-A-2025271136  
 (21) 2025271136 (22) 21.11.2025  
 (54) Cable feed-through for radioactive environments
- (51) Int. Cl.  
*G21C 11/02* ( 2006.01 )  
*G21C 13/02* ( 2006.01 )  
*G21C 13/10* ( 2006.01 )  
*H02G 3/00* ( 2006.01 )
- (43) 18.12.2025  
 (62) 2021219269  
 (72) FRITZ, Oliver  
 (74) FB Rice Pty Ltd
- 
- (71) Seegene, Inc.  
 (11) AU-A-2025271354  
 (21) 2025271354 (22) 26.11.2025  
 (54) Assembled analysis system, method, and computer readable recording medium
- (51) Int. Cl.  
*G01N 35/00* ( 2006.01 )  
*G12Q 1/686* ( 2018.01 )  
*G01N 35/10* ( 2006.01 )
- (43) 18.12.2025  
 (62) 2022315102  
 (72) YOON, Su Mi; KIM, Jae Young; PARK, Sang Jong  
 (74) FB Rice Pty Ltd
- 
- (71) Seer, Inc.  
 (11) AU-A-2025271343  
 (21) 2025271343 (22) 26.11.2025  
 (54) COMPOSITIONS, METHODS AND SYSTEMS FOR PROTEIN CORONA ANALYSIS AND USES THEREOF
- (51) Int. Cl.  
*C07K 14/47* ( 2006.01 )  
*C12P 21/02* ( 2006.01 )
- (43) 18.12.2025  
 (62) 2019374692  
 (72) XIA, Hongwei; HESTERBERG, Lyndal; FIGA, Michael; ZHAO, Xiaoyan; TROIANO, Gregory; PLATT, Theodore; BLUME, John; FAROKHZAD, Omid; MCLEAN, Matthew; KO, Marwin; STOLARCZYK, Craig; MANNING, William  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) SHARKNINJA OPERATING LLC  
 (11) AU-A-2024441603  
 (21) 2024441603 (22) 04.06.2024  
 (54) CLEANING APPARATUS
- (51) Int. Cl.  
*A47L 11/30* ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**A47L 11/40** ( 2006.01 )  
**(43)** 18.12.2025  
**(72)** SCHAPPLER, Devan; BONE, Robert  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** SHENZHEN HANYANG TECHNOLOGY CO., LTD.  
**(11)** AU-A-2025242097  
**(21)** 2025242097 **(22)** 28.05.2025  
**(54)** CLEANING METHOD FOR AUTOMOVING DEVICE AFTER RECHARGING, AUTOMOVING DEVICE, DEVICE, AND MEDIUM  
**(51)** Int. Cl.

**G05D 1/648** ( 2024.01 )  
**A47L 11/10** ( 2006.01 )  
**A47L 25/00** ( 2006.01 )  
**G05D 1/00** ( 2024.01 )  
**G05D 1/24** ( 2024.01 )  
**G05D 1/246** ( 2024.01 )  
**(31)** 202410668169.8 **(32)** 28.05.24 **(33)** CN  
**(43)** 18.12.2025  
**(72)** HUANG, Yang; LI, Jialai  
**(74)** LAMINAR IP PTY LTD

**(71)** Shenzhen Kalaifu Technology Co., Ltd.  
**(11)** AU-A-2025204076  
**(21)** 2025204076 **(22)** 30.05.2025  
**(54)** CHARGING SYSTEM AND EMERGENCY START DEVICE  
**(51)** Int. Cl.  
**H02J 7/00** ( 2006.01 )  
**(31)** 202421249368.7 **(32)** 31.05.24 **(33)** CN  
 202410706022.3 31.05.24 CN  
**(43)** 18.12.2025  
**(72)** Cai, Lian  
**(74)** Madderns Pty Ltd

**(71)** SHINE Technologies, LLC  
**(11)** AU-A-2025271362  
**(21)** 2025271362 **(22)** 26.11.2025  
**(54)** Ion source and neutron generator  
**(51)** Int. Cl.  
**H01J 17/22** ( 2012.01 )  
**H01J 37/317** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2019441368  
**(72)** SISSON, Richard; PIEFER, Gregory  
**(74)** Spruson & Ferguson

**(71)** Siemens Healthineers AG  
**(11)** AU-A-2025203972  
**(21)** 2025203972 **(22)** 28.05.2025  
**(54)** Gantry apparatus for a CT system  
**(51)** Int. Cl.  
**A61B 6/42** ( 2024.01 )  
**A61B 6/40** ( 2024.01 )  
**A61N 5/01** ( 2006.01 )  
**(31)** 10 2024 205 082.2 **(32)** 03.06.24 **(33)** DE  
**(43)** 18.12.2025  
**(72)** Garcia, Elmar; Müller, Hans-Jürgen; Dickmann, Christoph; Hofmann, Christian  
**(74)** Spruson & Ferguson

**(71)** Siemens Mobility, Inc.  
**(11)** AU-A-2025202734  
**(21)** 2025202734 **(22)** 17.04.2025  
**(54)** Systems and methods for providing motor control for a crossing gate mechanism  
**(51)** Int. Cl.  
**B61L 29/16** ( 2006.01 )  
**B61L 29/04** ( 2006.01 )  
**B61L 29/08** ( 2006.01 )  
**B61L 29/22** ( 2006.01 )  
**(31)** 18/678,302 **(32)** 30.05.24 **(33)** US  
**(43)** 18.12.2025  
**(72)** WYDOTIS, Leonard; YOUNG, Paul  
**(74)** Spruson & Ferguson

**(71)** SIMONELLI GROUP S.P.A.  
**(11)** AU-A-2025201964  
**(21)** 2025201964 **(22)** 19.03.2025  
**(54)** Coffee machine with heating control system  
**(51)** Int. Cl.  
**A47J 31/56** ( 2006.01 )  
**A47J 31/34** ( 2006.01 )  
**(31)** 102024000012523 **(32)** 31.05.24 **(33)** IT  
**(43)** 18.12.2025  
**(72)** CINGOLANI, Claudio; PARRINI, Mauro; FELIZIANI, Marco  
**(74)** FB Rice Pty Ltd

**(71)** SINO IRON HOLDINGS PTY LTD  
**(11)** AU-A-2025271103  
**(21)** 2025271103 **(22)** 20.11.2025  
**(54)** A pigging system and method  
**(51)** Int. Cl.  
**F16L 55/46** ( 2006.01 )  
**B08B 9/055** ( 2006.01 )  
**F16L 55/40** ( 2006.01 )  
**F16L 55/48** ( 2006.01 )  
**F16L 101/12** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2021461615  
**(72)** ZHANG, Jiqing; ZHAO, Changying; FENG, Dingwu; CHEN, Min  
**(74)** Allens Patent & Trade Mark Attorneys

**(71)** SKELLERUP INDUSTRIES LIMITED  
**(11)** AU-A-2025203932  
**(21)** 2025203932 **(22)** 27.05.2025  
**(54)** ARTIFICIAL TEAT FOR FEEDING ANIMALS  
**(51)** Int. Cl.  
**A01K 9/00** ( 2006.01 )  
**A61J 11/00** ( 2006.01 )  
**(31)** 2024901586 **(32)** 28.05.24 **(33)** AU  
**(43)** 18.12.2025  
**(72)** HOFFMAN, Andreas; KUDRASS, Dino; PURDY, Samuel  
**(74)** AJ PARK

**(71)** SNF SA  
**(11)** AU-A-2025204072  
**(21)** 2025204072 **(22)** 30.05.2025  
**(54)** Process for separating rare-earth metals in admixture in aqueous solution  
**(51)** Int. Cl.  
**C01F 17/10** ( 2020.01 )

**C01F 7/56** ( 2022.01 )  
**C01F 7/57** ( 2022.01 )  
**C01F 17/17** ( 2020.01 )  
**C01F 17/271** ( 2020.01 )  
**C22B 3/16** ( 2006.01 )  
**C22B 3/34** ( 2006.01 )  
**C22B 3/40** ( 2006.01 )  
**C22B 3/42** ( 2006.01 )  
**C22B 59/00** ( 2006.01 )  
**(31)** 2405774 **(32)** 03.06.24 **(33)** FR  
**(43)** 18.12.2025  
**(72)** KIEFFER, Johann; ROUX, Christophe; BATONNIER, Vincent  
**(74)** FB Rice Pty Ltd

**(71)** SNF SA  
**(11)** AU-A-2025204075  
**(21)** 2025204075 **(22)** 30.05.2025  
**(54)** Process for separating rare-earth metals in admixture in aqueous solution  
**(51)** Int. Cl.  
**C22B 59/00** ( 2006.01 )  
**C22B 3/22** ( 2006.01 )  
**(31)** 2405773 **(32)** 03.06.24 **(33)** FR  
**(43)** 18.12.2025  
**(72)** KIEFFER, Johann; ROUX, Christophe; BATONNIER, Vincent  
**(74)** FB Rice Pty Ltd

**(71)** SONY GROUP CORPORATION  
**(11)** AU-A-2025271127  
**(21)** 2025271127 **(22)** 21.11.2025  
**(54)** Information processing device, method, and program  
**(51)** Int. Cl.  
**H04R 3/00** ( 2006.01 )  
**H04S 7/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022375400  
**(72)** NAMBA, Ryuichi; CHINEN, Toru; TSUJI, Minoru; HATANAKA, Mitsuyuki; HONMA, Hiroyuki; TOGURI, Yasuhiro  
**(74)** Griffith Hack

**(71)** Steel-Line Garage Doors Australia Pty Ltd  
**(11)** AU-A-2025202341  
**(21)** 2025202341 **(22)** 02.04.2025  
**(54)** Tapered roller door  
**(51)** Int. Cl.  
**E06B 9/13** ( 2006.01 )  
**E06B 3/38** ( 2006.01 )  
**(31)** 2024901587 **(32)** 28.05.24 **(33)** AU  
**(43)** 18.12.2025  
**(72)** Hayes, Kerry; McKay, Kevin; Hicks, Craig  
**(74)** Spruson & Ferguson

**(71)** Steel Mains Proprietary Limited  
**(11)** AU-A-2024203610  
**(21)** 2024203610 **(22)** 29.05.2024  
**(54)** COATED STEEL PIPE AND MANUFACTURING METHOD  
**(51)** Int. Cl.  
**B32B 1/08** ( 2006.01 )  
**B05D 1/24** ( 2006.01 )  
**B32B 13/06** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

**C09D 123/06** ( 2006.01 )  
**F16L 58/06** ( 2006.01 )  
**F16L 58/10** ( 2006.01 )  
**(43)** 18.12.2025  
**(72)** Connell, Dean; Andreatta, John  
**(74)** Griffith Hack

**(71)** Stoneleigh Pastoral Pty Ltd  
**(11)** AU-A-2025271331  
**(21)** 2025271331 **(22)** 26.11.2025  
**(54)** SYSTEM AND METHOD FOR CONTROLLING ANIMALS  
**(51)** Int. Cl.  
**A01K 15/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2019409865  
**(72)** MICHELL, Peter John; PETER, Edouard Fernen; GUS, Gusius Singh; BROWN, Wayne Allan  
**(74)** Madderns Pty Ltd

**(71)** Storian Energy LLC  
**(11)** AU-A-2025271216  
**(21)** 2025271216 **(22)** 24.11.2025  
**(54)** Determining State of Charge, Molarity and Oxidation State in a Flow Battery and Controlling a Flow Battery  
**(51)** Int. Cl.  
**H01M 8/18** ( 2006.01 )  
**B60L 53/10** ( 2019.01 )  
**B60L 58/10** ( 2019.01 )  
**H01M 8/20** ( 2006.01 )  
**H01M 8/22** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022339728  
**(72)** ALEXANDRESCU, Eric; FALCINELLI, Michael; PERRY, Michael  
**(74)** LAMINAR IP PTY LTD

**(71)** Strenger, J.  
**(11)** AU-A-2024203738  
**(21)** 2024203738 **(22)** 03.06.2024  
**(54)** GPS included in microchip used in animals/pets. The regular identification microchip that animals currently receive from a vet will include a GPS device allowing owners to track using an app or mapping website and location their animals.  
**(51)** Int. Cl.  
**G06Q 99/00** ( 2006.01 )  
**A01K 11/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(72)** Strenger, Joshua  
**(74)** Joshua Strenger

**(71)** Stryker Corporation  
**(11)** AU-A-2025271074  
**(21)** 2025271074 **(22)** 20.11.2025  
**(54)** Personal protection system including a hood with a transparent face shield and control buttons on the face shield  
**(51)** Int. Cl.  
**A41D 13/11** ( 2006.01 )  
**A41D 13/12** ( 2006.01 )  
**A42B 3/28** ( 2006.01 )  
**A62B 17/04** ( 2006.01 )

**(43)** 18.12.2025  
**(62)** 2023203594  
**(72)** Ulmer, Bryan; Vanderwoude, Brian; Kidman, Beau; Goldenberg, David  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-A-2025271114  
**(21)** 2025271114 **(22)** 21.11.2025  
**(54)** Chuck for a wire driver  
**(51)** Int. Cl.  
**B25D 17/08** ( 2006.01 )  
**A61B 17/16** ( 2006.01 )  
**B23B 31/12** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2019354384  
**(72)** CHILDERS, Robert W.; MATHUR, Aman Deep; BHAGAT, Ankur  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-A-2025271154  
**(21)** 2025271154 **(22)** 21.11.2025  
**(54)** Patient video monitoring system  
**(51)** Int. Cl.  
**G08B 21/04** ( 2006.01 )  
**A61G 7/012** ( 2006.01 )  
**A61G 7/10** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022304909  
**(72)** BHIMAVARAPU, Krishna Sandeep; DUNN, Jeremy L.; VYTLA, Lavanya; MISHRA, Nikhil; MAHMOOD, Faisal; NAVE, Ross Michael; TREPANIER, Jerold A.  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Stryker Corporation  
**(11)** AU-A-2025271222  
**(21)** 2025271222 **(22)** 25.11.2025  
**(54)** System and method of controlling a robotic system for manipulating anatomy of a patient during a surgical procedure  
**(51)** Int. Cl.  
**A61B 34/00** ( 2016.01 )  
**A61G 13/12** ( 2006.01 )  
**A61G 13/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2023266336  
**(72)** Malackowski, Donald W.; Staunton, Douglas A.  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Stryker European Operations Limited  
**(11)** AU-A-2025203615  
**(21)** 2025203615 **(22)** 19.05.2025  
**(54)** System and method of defining and displaying alert zones of a patient anatomy  
**(51)** Int. Cl.  
**A61B 34/10** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
**G06T 7/62** ( 2017.01 )  
**G16H 30/20** ( 2018.01 )  
**(31)** 63/653,451 **(32)** 30.05.24 **(33)** US  
**(43)** 18.12.2025  
**(72)** Hertel, Julius Maximilian  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Sungrow (Shanghai) Co., Ltd.  
**(11)** AU-A-2025204011  
**(21)** 2025204011 **(22)** 29.05.2025  
**(54)** Power converter, power system, and method for controlling power converter  
**(51)** Int. Cl.  
**H02M 1/32** ( 2007.01 )  
**H02J 9/06** ( 2006.01 )  
**H02M 1/36** ( 2007.01 )  
**H02M 7/219** ( 2006.01 )  
**(31)** 202410684021.3 **(32)** 29.05.24 **(33)** CN  
**(43)** 18.12.2025  
**(72)** Xu, Jincheng; Jiang, Anying; Yu, Yanfei  
**(74)** Davies Collision Cave Pty Ltd

**(71)** Supercart South Africa (Pty) Ltd  
**(11)** AU-A-2024203539  
**(21)** 2024203539 **(22)** 28.05.2024  
**(54)** Apparatus for and method of forming a shopping basket body with interchangeable side panels  
**(51)** Int. Cl.  
**B29C 45/26** ( 2006.01 )  
**B29C 45/37** ( 2006.01 )  
**B62B 3/14** ( 2006.01 )  
**B65D 1/38** ( 2006.01 )  
**B29L 31/00** ( 2006.01 )  
**(43)** 18.12.2025  
**(72)** WOLFE, Michael Castledine  
**(74)** FB Rice Pty Ltd

**Suvla Properties Pty Ltd see Menzies, G.W.**  
**(21)** 2025204156

**(71)** Takeda Pharmaceutical Company Limited  
**(11)** AU-A-2025271115  
**(21)** 2025271115 **(22)** 21.11.2025  
**(54)** Plasma kallikrein inhibitors and uses thereof for preventing hereditary angioedema attack  
**(51)** Int. Cl.  
**C07K 16/40** ( 2006.01 )  
**(43)** 18.12.2025  
**(62)** 2022203180  
**(72)** ADELMAN, Burt; SEXTON, Daniel J.; CHYUNG, Yung  
**(74)** Spruson & Ferguson

**(71)** Techtronic Cordless GP  
**(11)** AU-A-2025203910  
**(21)** 2025203910 **(22)** 27.05.2025  
**(54)** Lithium-ion battery positive electrode and lithium-ion battery  
**(51)** Int. Cl.  
**H01M 10/0525** ( 2010.01 )  
**H01M 4/52** ( 2010.01 )  
**(31)** 202410692240.6 **(32)** 30.05.24 **(33)** CN  
**(43)** 18.12.2025  
**(72)** HUANG, Xin Yue; XU, Gang  
**(74)** Spruson & Ferguson

**(71)** Tempus AI, Inc.  
**(11)** AU-A-2025271425

Applications Open to Public Inspection - Name Index cont'd

(21) 2025271425 (22) 27.11.2025  
 (54) Systems and methods for automating RNA expression calls in a cancer prediction pipeline  
 (51) Int. Cl.  
**G16B 20/40** ( 2019.01 )  
**G16B 30/00** ( 2019.01 )  
**G16H 10/40** ( 2018.01 )  
**G16H 40/40** ( 2018.01 )  
 (43) 18.12.2025  
 (62) 2020398175  
 (72) BELL, Joshua S.K.; IGARTUA, Catherine; DREWS, Joshua  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Administrators of the Tulane Educational Fund  
 (11) AU-A-2025271084  
 (21) 2025271084 (22) 20.11.2025  
 (54) Pharmaceutical Composition For Viral Infections  
 (51) Int. Cl.  
**A61K 39/12** ( 2006.01 )  
**C07K 16/06** ( 2006.01 )  
**C07K 16/10** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019223085  
 (72) ROY, Chad  
 (74) WRAYS PTY LTD

(71) The Boeing Company  
 (11) AU-A-2025271411  
 (21) 2025271411 (22) 27.11.2025  
 (54) Antimicrobial nanoworm coated surface  
 (51) Int. Cl.  
**C08F 120/54** ( 2006.01 )  
**C08F 220/54** ( 2006.01 )  
**C08G 81/02** ( 2006.01 )  
**C12N 7/00** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020346723  
 (72) MONTEIRO, Michael  
 (74) FB Rice Pty Ltd

(71) The Johns Hopkins University; Advanced Accelerator Applications (Italy) Srl  
 (11) AU-A-2025271182  
 (21) 2025271182 (22) 24.11.2025  
 (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) 18.12.2025  
 (62) 2024200850  
 (72) MARIANI, Maurizio F.; FUGAZZA, Lorenza; CHICCO, Daniela; POMPER, Martin Gilbert; RAY, Sangeeta  
 (74) Davies Collison Cave Pty Ltd

(71) The National Vision Research Institute of Australia, Australian College of Optometry; The University of Melbourne  
 (11) AU-A-2025271318  
 (21) 2025271318 (22) 25.11.2025  
 (54) A Method of forming a diamond coating on a carbon material  
 (51) Int. Cl.  
**C23C 16/27** ( 2006.01 )  
**B82Y 15/00** ( 2011.01 )  
**H01L 23/29** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2020220233  
 (72) HEJAZI, Maryam Alsadat; GARRETT, David John; STACEY, Alastair Douglas; APOLLO, Nicholas Vincent; GANESAN, Kumaravelu; MATURANA, Matias Ismael; PRAWER, Steven; TONG, Wei; STAMP, Melanie Elisabeth Maria; IB-BOTSON, Michael  
 (74) Griffith Hack

(71) The Regents of the University of California  
 (11) AU-A-2025271181  
 (21) 2025271181 (22) 24.11.2025  
 (54) In vitro production of medial ganglionic eminence precursor cells  
 (51) Int. Cl.  
**C12N 5/071** ( 2010.01 )  
**C12N 5/00** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2022259738  
 (72) NICHOLAS, Cory R.; RUBENSTEIN, John L.; KRIEGSTEIN, Arnold R.; ALVAREZ-BUYLLA, Arturo  
 (74) Davies Collison Cave Pty Ltd

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
 (11) AU-A-2025271320  
 (21) 2025271320 (22) 26.11.2025  
 (54) CAR-T CELLS AND AUTOIMMUNE DISEASES  
 (51) Int. Cl.  
**C12Q 1/68** ( 2018.01 )  
**C07K 14/725** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
 (43) 18.12.2025  
 (62) 2019216989  
 (72) BLUESTONE, Jeffrey A; RAFFIN, Caroline  
 (74) AJ PARK

(71) The Trustee for Shedden & Yasendri OSMC Family Trust; fernando, v.  
 (11) AU-A-2024203699  
 (21) 2024203699 (22) 02.06.2024  
 (54) automatic patient document upload, patient doctor prescribing, automated medical call answering service using Artificial Intelligence  
 (51) Int. Cl.  
**G16H 10/60** ( 2018.01 )  
**G16H 20/10** ( 2018.01 )  
**G16H 80/00** ( 2018.01 )

(43) 18.12.2025  
 (72) fernando, valentes  
 (74) The Trustee for Shedden & Yasendri OSMC Family Trust

THE U.S.A., AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES see Lentigen Technology, Inc.  
 (21) 2025271065

The University of Melbourne see The National Vision Research Institute of Australia, Australian College of Optometry  
 (21) 2025271318

(71) Think Surgical, Inc.  
 (11) AU-A-2025271240  
 (21) 2025271240 (22) 25.11.2025  
 (54) System and method to position a tracking system field-of-view  
 (51) Int. Cl.  
**A61B 34/20** ( 2016.01 )  
**A61B 17/17** ( 2006.01 )  
**A61B 34/30** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
 (43) 18.12.2025  
 (62) 2020295555  
 (72) BONNY, Daniel Patrick; ZUHARS, Joel  
 (74) Davies Collison Cave Pty Ltd

(71) Thompson, S.  
 (11) AU-A-2025203935  
 (21) 2025203935 (22) 27.05.2025  
 (54) Inflatable Shower Base  
 (51) Int. Cl.  
**A47K 3/40** ( 2006.01 )  
**A47K 3/32** ( 2006.01 )  
 (31) 2024901644 (32) 31.05.24 (33) AU  
 (43) 18.12.2025  
 (72) Thompson, Stewart  
 (74) mdp Patent and Trade Mark Attorneys

(71) Thrive Orthopedics, LLC  
 (11) AU-A-2025203829  
 (21) 2025203829 (22) 23.05.2025  
 (54) ANKLE FOOT ORTHOSIS WITH TRACK SYSTEM AND MECHANISM  
 (51) Int. Cl.  
**A61F 5/01** ( 2006.01 )  
 (31) 18/731,227 (32) 31.05.24 (33) US  
 (43) 18.12.2025  
 (72) SPRINGMAN, Michael; DEHEER, Joseph  
 (74) Linkwell Lawyers

(71) Tides Marine, Inc.  
 (11) AU-A-2025271093  
 (21) 2025271093 (22) 20.11.2025  
 (54) Shaft seal  
 (51) Int. Cl.  
**F16J 15/34** ( 2006.01 )  
**B63H 23/32** ( 2006.01 )

Applications Open to Public Inspection - Name Index cont'd

(43) 18.12.2025  
(62) 2020326519  
(72) SHEALY, Johnny R.  
(74) Spruson & Ferguson

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(71) TONGWEI SOLAR (CHENGDU) CO., LTD.

(11) AU-A-2025201418  
(21) 2025201418 (22) 27.02.2025  
(54) METAL-SEMICONDUCTOR CONTACT STRUCTURE AND PREPARATION METHOD THEREFOR, SOLAR CELL, SOLAR CELL STRING AND PREPARATION METHOD THEREFOR, AND PHOTOVOLTAIC MODULE

(51) Int. Cl.  
H01L 23/535 ( 2006.01 )  
H01L 23/482 ( 2006.01 )

(31) 202410718635.9 (32) 04.06.24 (33) CN

(43) 18.12.2025  
(72) CHEN, Yang; FAN, Jianbin; MENG, Xiajie  
(74) James & Wells Intellectual Property

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(71) Travers Therapeutics, Inc.

(11) AU-A-2025271121  
(21) 2025271121 (22) 21.11.2025  
(54) Biphenyl sulfonamide compounds for the treatment of kidney diseases or disorders

(51) Int. Cl.  
A61K 31/422 ( 2006.01 )  
A61P 13/12 ( 2006.01 )

(43) 18.12.2025  
(62) 2023219839  
(72) Komers, Radko; Shih, Alvin  
(74) Davies Collison Cave Pty Ltd

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(71) Trench Therapeutics, Inc.

(11) AU-A-2025271062  
(21) 2025271062 (22) 20.11.2025  
(54) Airway medicaments

(51) Int. Cl.  
A61K 35/742 ( 2015.01 )  
A61P 11/06 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
A61P 31/16 ( 2006.01 )  
A61P 35/00 ( 2006.01 )

(43) 18.12.2025  
(62) 2021280299  
(72) HARBURGER, David S.; GIRINATH, Prashant  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Tufts Medical Center, Inc.

(11) AU-A-2025271057  
(21) 2025271057 (22) 20.11.2025  
(54) SYSTEMS AND METHODS FOR SELECTIVELY OCCLUDING THE SUPERIOR VENA CAVA FOR TREATING HEART CONDITIONS

(51) Int. Cl.  
A61M 60/833 ( 2021.01 )  
A61B 17/12 ( 2006.01 )  
A61M 60/135 ( 2021.01 )  
A61M 60/268 ( 2021.01 )

A61M 60/405 ( 2021.01 )  
A61M 60/427 ( 2021.01 )  
A61M 60/50 ( 2021.01 )

(43) 18.12.2025  
(62) 2020386557  
(72) KARAS, Richard H.; KAPUR, Navin K.  
(74) HENRY HUGHES IP LTD

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(71) Twist Bioscience Corporation

(11) AU-A-2025271077  
(21) 2025271077 (22) 20.11.2025  
(54) Highly accurate de novo polynucleotide synthesis

(51) Int. Cl.  
C07H 21/04 ( 2006.01 )  
C07F 9/24 ( 2006.01 )  
C07H 19/073 ( 2006.01 )  
C07H 19/16 ( 2006.01 )  
C07H 21/02 ( 2006.01 )

(43) 18.12.2025  
(62) 2019416187  
(72) PECK, Bill James; NOE, Mary; PITSCH, Stefan; WEISS, Patrick A.  
(74) FB Rice Pty Ltd

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(71) UE Lifesciences Inc.

(11) AU-A-2025271143  
(21) 2025271143 (22) 21.11.2025  
(54) System and method for measuring tissue parameters by use of capacitive tactile sensor

(51) Int. Cl.  
A61N 1/36 ( 2006.01 )  
A61B 5/053 ( 2021.01 )  
A61N 1/40 ( 2006.01 )  
G01N 15/08 ( 2006.01 )  
G01N 27/22 ( 2006.01 )  
G01R 27/26 ( 2006.01 )

(43) 18.12.2025  
(62) 2020314838  
(72) CAMPISI, Matthew, S.; SHAH, Mihir; SANGHVI, Bhaumik  
(74) FB Rice Pty Ltd

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(71) uniQure IP B.V.  
(11) AU-A-2025271066  
(21) 2025271066 (22) 20.11.2025  
(54) Liver-specific viral promoters and methods of using the same

(51) Int. Cl.  
C12N 15/11 ( 2006.01 )  
C07K 14/755 ( 2006.01 )  
C12N 15/79 ( 2006.01 )

(43) 18.12.2025  
(62) 2019383490  
(72) LUBELSKI, Jacek; DU PLESSIS, David Johannes Francois; LIU, Ying Pui; TER BRAKE, Olivier; IGLESIAS GONZALEZ, Juan Manuel; FRASER, Ross; ROBERTS, Michael  
(74) FPA Patent Attorneys Pty Ltd

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(71) United Kingdom Research and Innovation; Oxford University Innovation Limited

(11) AU-A-2025263913  
(21) 2025263913 (22) 10.11.2025

(54) Cell-Penetrating Peptides  
(51) Int. Cl.

A61K 38/16 ( 2006.01 )  
A61K 47/64 ( 2017.01 )  
C07K 7/04 ( 2006.01 )  
C07K 14/00 ( 2006.01 )

(43) 18.12.2025  
(62) 2019317789

(72) WOOD, Matthew; MANZANO, Raquel; GODFREY, Caroline; MCCLOREY, Graham; RAZ, Richard; GAIT, Michael; ARZUMANOV, Andrey; O'DONOVAN, Liz; HAZELL, Gareth; HOLLAND, Ashling; VARELA, Miguel  
(74) WRAYS PTY LTD

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United Therapeutics Corporation see MannKind Corporation

(21) 2025271417

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University of Florida Research Foundation, Inc. see Abfero Pharmaceuticals, Inc.  
(21) 2025271401

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(71) University of Southern California

(11) AU-A-2025271406  
(21) 2025271406 (22) 27.11.2025  
(54) Fasting-mimicking diet (FMD) as an intervention for Alzheimer's disease (AD)

(51) Int. Cl.  
G16H 20/60 ( 2018.01 )  
A23L 33/00 ( 2016.01 )

(43) 18.12.2025  
(62) 2020265244  
(72) LONGO, Valter D.; WEI, Min; RANGAN, Priya  
(74) Spruson & Ferguson

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(71) Vaca, E.

(11) AU-A-2025200641  
(21) 2025200641 (22) 30.01.2025  
(54) Inflatable Garland

(51) Int. Cl.  
A63H 27/10 ( 2006.01 )

(31) 63/655,677 (32) 04.06.24 (33) US  
19/039,503 28.01.25 US  
(43) 18.12.2025  
(72) Vaca, Emily  
(74) Adams Pluck

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(71) Vishal, R.

(11) AU-A-2025271336  
(21) 2025271336 (22) 26.11.2025  
(54) SYSTEM AND METHOD TO ENABLE COMMUNICATION BETWEEN CONTROL COMPONENTS OF A PNEUMATIC VACUUM ELEVATOR

(51) Int. Cl.  
B66B 1/28 ( 2006.01 )  
B66B 1/34 ( 2006.01 )  
B66B 9/04 ( 2006.01 )  
G08C 17/00 ( 2006.01 )  
H04B 5/00 ( 2024.01 )

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(43) 18.12.2025  
 (62) 2023237158  
 (72) Vishal, Ruphavathy  
 (74) Franke Hyland Pty Ltd

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(71) VISSER, C.  
 (11) AU-A-2025203969  
 (21) 2025203969 (22) 28.05.2025

(54) A deflector  
 (51) Int. Cl.  
*F42D 1/24* ( 2006.01 )  
*C06B 23/00* ( 2006.01 )  
*C06B 45/12* ( 2006.01 )  
*E21C 37/00* ( 2006.01 )  
*F41H 5/04* ( 2006.01 )  
*F42B 3/04* ( 2006.01 )  
*F42D 1/18* ( 2006.01 )  
*F42D 3/04* ( 2006.01 )

(31) 2024/04157 (32) 28.05.24 (33) ZA  
 (43) 18.12.2025  
 (72) VISSER, Christiaan; VAN DER WALT, Herman  
 (74) A.P.T. Patent and Trade Mark Attorneys

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(71) Volvo Autonomous Solutions AB  
 (11) AU-A-2025203568  
 (21) 2025203568 (22) 16.05.2025  
 (54) Handling degradation states of an autonomous vehicle

(51) Int. Cl.  
*B60W 60/00* ( 2020.01 )  
 (31) 24179049.2 (32) 30.05.24 (33) EP  
 (43) 18.12.2025  
 (72) SUBRAMANIAN, Chidambaram; LAWHORN, Damien; LAINE, Leo  
 (74) Griffith Hack

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(71) Volvo Truck Corporation  
 (11) AU-A-2025203914  
 (21) 2025203914 (22) 27.05.2025

(54) Arrangement of a vehicle  
 (51) Int. Cl.  
*B62D 63/06* ( 2006.01 )  
*B62D 13/02* ( 2006.01 )  
 (31) 24179622.6 (32) 03.06.24 (33) EP  
 (43) 18.12.2025  
 (72) ÖZKAN, Basar  
 (74) Griffith Hack

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(71) Wayne State University  
 (11) AU-A-2025271096  
 (21) 2025271096 (22) 20.11.2025

(54) A modified mGluR6 promoter and methods of use  
 (51) Int. Cl.  
*C12N 15/67* ( 2006.01 )  
*A61K 48/00* ( 2006.01 )  
*C12N 15/113* ( 2010.01 )  
*C12N 15/861* ( 2006.01 )

(43) 18.12.2025  
 (62) 2023220319  
 (72) CHENG, JrGang; GANJAWALA, Tushar H.; LU, Qi; PAN, Zhuo-Hua  
 (74) Spruson & Ferguson

(71) Wing Aviation LLC  
 (11) AU-A-2025271384  
 (21) 2025271384 (22) 26.11.2025

(54) A backup navigation system for unmanned aerial vehicles  
 (51) Int. Cl.  
*G01C 21/32* ( 2006.01 )  
*G01C 11/06* ( 2006.01 )  
*G05D 1/10* ( 2006.01 )

(43) 18.12.2025  
 (62) 2024202156  
 (72) DAMIEN, Jourdan; ABEYWARDENA, Dinuka  
 (74) Spruson & Ferguson

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(71) WONDERLAND SWITZERLAND AG  
 (11) AU-A-2025271346  
 (21) 2025271346 (22) 26.11.2025

(54) Child Carrier  
 (51) Int. Cl.  
*B62B 9/20* ( 2006.01 )  
*B62B 9/10* ( 2006.01 )

(43) 18.12.2025  
 (62) 2022372614  
 (72) WANG, Erxue; YANG, Tao  
 (74) James & Wells Intellectual Property

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 (21) 2025204156

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(71) XING-LIANG LIU; DOUGLAS RY WAGNER

(11) AU-A-2025237905  
 (21) 2025237905 (22) 23.09.2025  
 (54) METHODS AND SYSTEMS FOR PROVIDING A PERSONALIZED CANNABINOID TREATMENT REGIMEN  
 (51) Int. Cl.  
*A61K 31/485* ( 2006.01 )  
*C12N 15/12* ( 2006.01 )  
*C12Q 1/68* ( 2018.01 )  
*C12Q 1/6827* ( 2018.01 )

(43) 18.12.2025  
 (62) 2019414963  
 (72) LIU, Xing-liang; WAGNER, Douglas Ry  
 (74) AJ PARK

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(71) Yantai Pacific Home Fashion Co., Ltd.  
 (11) AU-A-2024204774

(21) 2024204774 (22) 10.07.2024  
 (54) SOFT GREY CLOTH MADE OF FLAX YARNS AND PRODUCTION METHOD  
 (51) Int. Cl.  
*D02G 3/26* ( 2006.01 )  
*D02G 1/02* ( 2006.01 )  
*D02G 3/02* ( 2006.01 )

(31) 202410690006.X (32) 30.05.24 (33) CN  
 (43) 18.12.2025  
 (72) CHEN, Yizhong; ZHOU, Xuanli; LIU, Hui  
 (74) WRAYS PTY LTD

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 (21) 2025271231

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<b>2024204774</b>	Yantai Pacific Home Fashion Co., Ltd.	<b>2025204075</b>	SNF SA
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<b>2024383162</b>	FALCON WATER TECHNOLOGIES, LLC	<b>2025242097</b>	SHENZHEN HANYANG TECHNOLOGY CO., LTD.
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<b>2025200427</b>	Beijing HyperStrong Technology Co., Ltd.	<b>2025271057</b>	Tufts Medical Center, Inc.
<b>2025200641</b>	Vaca, E.	<b>2025271059</b>	Life Technologies Corporation
<b>2025201418</b>	TONGWEI SOLAR (CHENGDU) CO., LTD.	<b>2025271060</b>	CRANE PAYMENT INNOVATIONS, INC.
<b>2025201860</b>	i-SENS, INC.	<b>2025271061</b>	LogicBio Therapeutics, Inc.
<b>2025201964</b>	SIMONELLI GROUP S.P.A.	<b>2025271062</b>	Trench Therapeutics, Inc.
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<b>2025202463</b>	Infrabuild Wire Pty Ltd	<b>2025271064</b>	Owens-Brockway Glass Container Inc.
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<b>2025202642</b>	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude; Air Liquide France Industrie	<b>2025271068</b>	Alcon Inc.
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<b>A01P 3 /-</b> 2025271261 2025271351	<b>A47K 11 /-</b> 2024383162	<b>A61F 9 /-</b> 2025271426		<b>A61M 25 /-</b> 2025271227 2025271398	<b>A61P 35 /-</b> 2025271062 2025271131 2025271182 2025271231 2025271356
<b>A01P 7 /-</b> 2025271351	<b>A47K 3 /-</b> 2025203935	<b>A61G 13 /-</b> 2025271222		<b>A61M 27 /-</b> 2025271227	
<b>A23C 21 /-</b> 2025271134	<b>A47L 11 /-</b> 2024441603 2025242097 2025271409	<b>A61G 7 /-</b> 2025271154	<b>A61K 45 /-</b> 2025271069 2025271332 2025271400	<b>A61M 31 /-</b> 2025271237	<b>A61P 37 /-</b> 2025271231 2025271232
<b>A23C 9 /-</b> 2025271392	<b>A47L 25 /-</b> 2025242097	<b>A61H 9 /-</b> 2025271353		<b>A61M 39 /-</b> 2025271227	
<b>A23L 2 /-</b> 2025202642	<b>A47L 9 /-</b> 2025271209 2025271210 2025271409	<b>A61J 11 /-</b> 2025203932	<b>A61K 47 /-</b> 2025263913 2025271129 2025271179 2025271194 2025271211 2025271374 2025271414 2025271424 2025271427	<b>A61M 5 /-</b> 2025271137	<b>A61P 9 /-</b> 2025271414 2025271417
<b>A23L 31 /-</b> 2024203618	<b>A61B 1 /-</b> 2025271421	<b>A61J 7 /-</b> 2025271139		<b>A61M 60 /-</b> 2025271057	<b>A62B 17 /-</b> 2025271074
<b>A23L 33 /-</b> 2024203618 2025267353 2025271392 2025271406	<b>A61B 17 /-</b> 2025203996 2025271057 2025271114 2025271208 2025271240 2025271420 2025271421	<b>A61K 103 /-</b> 2025271182		<b>A61N 1 /-</b> 2025271143 2025271234 2025271393	<b>A63B 57 /-</b> 2025204016
<b>A23L 5 /-</b> 2024203618	<b>A61B 3 /-</b> 2025271068 2025271390 2025271391	<b>A61K 31 /-</b> 2025237905 2025267353 2025271069 2025271108 2025271119 2025271121 2025271141 2025271184 2025271194 2025271211 2025271236 2025271263 2025271306 2025271332 2025271374	<b>A61K 48 /-</b> 2025271085 2025271096	<b>A61N 5 /-</b> 2025203972	<b>A63B 69 /-</b> 2025204016
<b>A23N 15 /-</b> 2024203618			<b>A61K 51 /-</b> 2025271182	<b>A61P 1 /-</b> 2025271108 2025271403	<b>A63C 17 /-</b> 2025271072
<b>A24B 15 /-</b> 2025271374			<b>A61K 9 /-</b> 2025202529 2025271142 2025271179 2025271194 2025271226	<b>A61P 11 /-</b> 2025271062 2025271417	<b>A63F 13 /-</b> 2025271067 2025271079 2025271098
<b>A24F 47 /-</b> 2025271230	<b>A61B 34 /-</b> 2024220149			<b>A61P 13 /-</b> 2025271121	<b>A63H 27 /-</b> 2025200641

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<b>B01D 15 /-</b> 2025271397	<b>B26B 5 /-</b> 2025271500	<b>B62B 9 /-</b> 2025271346	<b>B65H 3 /-</b> 2025271060	2025271403	<b>C09D 123 /-</b> 2024203610
<b>B01D 46 /-</b> 2025271209 2025271210 2025271410	<b>B26B 9 /-</b> 2025271500	<b>B62D 13 /-</b> 2025203914	<b>B65H 7 /-</b> 2025271060	<b>C07D 471 /-</b> 2025271403	<b>C12G 3 /-</b> 2025252637 2025271319
<b>B01D 53 /-</b> 2025271410	<b>B28D 1 /-</b> 2025203752 2025252515	<b>B62D 31 /-</b> 2025203607	<b>B66B 1 /-</b> 2025271336	<b>C07D 487 /-</b> 2025271263 2025271403	<b>C12H 1 /-</b> 2025252637 2025271319
<b>B01F 27 /-</b> 2025202642	<b>B28D 7 /-</b> 2025252515	<b>B62D 33 /-</b> 2025204156	<b>B66B 9 /-</b> 2025271336	<b>C07D 498 /-</b> 2025271263 2025271403	<b>C12H 6 /-</b> 2025252637 2025271319
<b>B01F 35 /-</b> 2025202642 2025203996	<b>B29C 45 /-</b> 2024203539 2025271188	<b>B62D 47 /-</b> 2025203607	<b>B66F 9 /-</b> 2024203892	<b>C07D 513 /-</b> 2025271263 2025271403	<b>C12N 15 /-</b> 2025202529 2025237905 2025238050 2025271059 2025271061 2025271066 2025271070 2025271096 2025271118 2025271184
<b>B01J 21 /-</b> 2025271175	<b>B29L 31 /-</b> 2024203539	<b>B62D 53 /-</b> 2025204156	<b>B82Y 15 /-</b> 2025271318	<b>C07F 7 /-</b> 2025271404	<b>C12N 5 /-</b> 2025271118 2025271181 2025271232 2025271322 2025271356 2025271359
<b>B03C 3 /-</b> 2025271410	<b>B32B 1 /-</b> 2024203610	<b>B62D 55 /-</b> 2025271123	<b>B82Y 99 /-</b> 2025271317	<b>C07F 9 /-</b> 2025271077	<b>C12N 7 /-</b> 2025271411
<b>B05D 1 /-</b> 2024203610	<b>B32B 13 /-</b> 2024203610	<b>B62D 63 /-</b> 2025203914	<b>C01B 32 /-</b> 2025271175	<b>C07H 19 /-</b> 2025271077	<b>C12N 9 /-</b> 2025238050 2025271070 2025271131 2025271174
<b>B05D 5 /-</b> 2025271138	<b>B32B 23 /-</b> 2025271144	<b>B62H 3 /-</b> 2025203964	<b>C01F 17 /-</b> 2025204072	<b>C07H 21 /-</b> 2025271077 2025271184	<b>C12P 21 /-</b> 2025271343
<b>B08B 9 /-</b> 2025271103	<b>B41J 2 /-</b> 2024259857	<b>B63H 23 /-</b> 2025271093	<b>C01F 7 /-</b> 2025204072	<b>C07K 14 /-</b> 2025263913 2025271059 2025271066 2025271118 2025271228 2025271320 2025271322 2025271343	<b>C12Q 1 /-</b> 2025237905 2025271122 2025271320 2025271354
<b>B23B 31 /-</b> 2025271114	<b>B42D 25 /-</b> 2025271168	<b>B65B 57 /-</b> 2025203270	<b>C02F 1 /-</b> 2025271410	<b>C04B 14 /-</b> 2025271175	<b>C22B 15 /-</b> 2025271246 2025271256 2025271258 2025271260 2025271262 2025271264 2025271308 2025271379
<b>B23K 35 /-</b> 2025271349	<b>B44B 11 /-</b> 2025271500	<b>B65D 1 /-</b> 2024203539 2025271064	<b>C04B 33 /-</b> 2024409599	<b>C04B 35 /-</b> 2025203859	<b>C22B 26 /-</b> 2025271397
<b>B23K 9 /-</b> 2025271349	<b>B60J 1 /-</b> 2025203607	<b>B65D 19 /-</b> 2025204156	<b>C04B 45 /-</b> 2025203969	<b>C06B 23 /-</b> 2025203969	<b>C22B 3 /-</b> 2025204072 2025204075 2025271246 2025271256 2025271258 2025271260
<b>B23Q 3 /-</b> 2025203813	<b>B60L 53 /-</b> 2025271216	<b>B65D 25 /-</b> 2024203892 2025202601	<b>C06B 45 /-</b> 2025203969	<b>C06B 23 /-</b> 2025203969	
<b>B24B 55 /-</b> 2025271209 2025271210	<b>B60L 58 /-</b> 2025271216	<b>B65D 27 /-</b> 2025271144	<b>C07D 239 /-</b> 2025271261	<b>C06B 45 /-</b> 2025203969	
<b>B25B 15 /-</b> 2025271310	<b>B60N 2 /-</b> 2025271341	<b>B65D 55 /-</b> 2025202601	<b>C07D 241 /-</b> 2025271417	<b>C07D 239 /-</b> 2025271261	
<b>B25B 23 /-</b> 2025271310	<b>B60P 1 /-</b> 2025204156	<b>B65D 71 /-</b> 2025271207	<b>C07D 241 /-</b> 2025271417	<b>C07K 7 /-</b> 2025263913 2025271131	
<b>B25B 27 /-</b> 2025271202	<b>B60R 1 /-</b> 2025203144	<b>B65D 88 /-</b> 2025204156	<b>C07D 263 /-</b> 2025271423	<b>C07K 7 /-</b> 2025263913 2025271131	
<b>B25C 1 /-</b> 2025203813	<b>B60R 13 /-</b> 2025203607	<b>B65D 90 /-</b> 2025204156	<b>C07D 401 /-</b> 2025271141 2025271263	<b>C08F 120 /-</b> 2025271411	
<b>B25C 7 /-</b> 2025203813	<b>B60R 9 /-</b> 2025203964	<b>B65F 1 /-</b> 2025203270	<b>C07D 403 /-</b> 2025271263	<b>C08F 220 /-</b> 2025271411	
<b>B25D 17 /-</b> 2025271114	<b>B60S 5 /-</b> 2025271138	<b>B65G 39 /-</b> 2025203848	<b>C07D 403 /-</b> 2025271263	<b>C08G 81 /-</b> 2025271411	
<b>B25F 5 /-</b> 2025203752 2025271213	<b>B60S 5 /-</b> 2025271138	<b>B65G 39 /-</b> 2025203848	<b>C07D 405 /-</b> 2025271403	<b>C08K 3 /-</b> 2025271381	
<b>B26B 1 /-</b> 2025271500	<b>B60W 60 /-</b> 2025203568	<b>B65G 43 /-</b> 2025203848	<b>C07D 409 /-</b> 2025271403	<b>C08K 9 /-</b> 2025271381	
	<b>B61L 29 /-</b> 2025202734	<b>B65G 69 /-</b> 2025204074	<b>C07D 413 /-</b> 2025271403	<b>C08L 25 /-</b> 2025271381	
	<b>B62B 3 /-</b> 2024203539	<b>B65H 1 /-</b> 2025271060	<b>C07D 413 /-</b> 2025271403	<b>C08L 79 /-</b> 2025271381	
			<b>C07D 417 /-</b> 2025271263		

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2025271262		<b>F16L 101 /-</b>	<b>F41H 5 /-</b>	<b>G02F 1 /-</b>	<b>G06N 5 /-</b>
2025271264	<b>E05C 1 /-</b>	2025271103	2025203969	2025271340	2025271199
2025271308	2025203301				
2025271379	<b>E05C 19 /-</b>	<b>F16L 55 /-</b>	<b>F42B 3 /-</b>	<b>G05B 15 /-</b>	<b>G06Q 10 /-</b>
2025271397	2025203301	2025271103	2025203969	2025271224	2025203304
<b>C22B 59 /-</b>	<b>E05F 15 /-</b>	<b>F16L 58 /-</b>	<b>F42D 1 /-</b>	<b>G05B 17 /-</b>	2025271246
2025204072	2025271224	2024203610	2025203969	2025271224	2025271256
2025204075					2025271258
<b>C23C 14 /-</b>	<b>E06B 11 /-</b>	<b>F16M 11 /-</b>	<b>F42D 3 /-</b>	<b>G05B 19 /-</b>	2025271260
2025203859	2025203301	2024203767	2025203969	2025203067	2025271379
<b>C23C 16 /-</b>	<b>E06B 3 /-</b>	2024203768			2025271430
2025271318	2025202341	2025204037	<b>G01B 11 /-</b>	<b>G05D 1 /-</b>	<b>G06Q 20 /-</b>
<b>C23C 2 /-</b>	<b>E06B 9 /-</b>	<b>F16M 13 /-</b>	2025271309	2025242097	2025230710
2024203658	2025202341	2024203767	<b>G01B 5 /-</b>	2025271384	2025271060
	2025271224	2025204037	2025204016	<b>G06F 1 /-</b>	2025271101
<b>C25B 1 /-</b>	<b>E21B 23 /-</b>	<b>F21S 8 /-</b>	<b>G01C 11 /-</b>	2025204037	2025271133
2024278486	2025271369	2024220139	2025271384	<b>G06F 11 /-</b>	2025271149
<b>C25B 11 /-</b>	<b>E21B 33 /-</b>	<b>F24C 15 /-</b>	<b>G01C 21 /-</b>	2025202475	2025271155
2024278486	2025271369	2025203852	2025203290	<b>G06F 13 /-</b>	2025271323
<b>C25C 1 /-</b>	<b>E21C 27 /-</b>	<b>F24C 7 /-</b>	2025203293	2025271324	<b>G06Q 30 /-</b>
2025271196	2025271162	2025203852	2025271384	2025271328	2025271350
<b>C25D 3 /-</b>	<b>E21C 35 /-</b>	<b>F24F 11 /-</b>	<b>G01J 3 /-</b>	<b>G06F 15 /-</b>	<b>G06Q 40 /-</b>
2025271196	2025271162	2024416011	2025271138	2025271324	2025271133
<b>D02G 1 /-</b>	2025271203	<b>F24S 20 /-</b>	<b>G01K 7 /-</b>	2025271328	<b>G06Q 50 /-</b>
2024204774	<b>E21C 37 /-</b>	2025271063	2025200427	<b>G06F 16 /-</b>	2024203698
<b>D02G 3 /-</b>	2025203969	<b>F24S 25 /-</b>	<b>G01N 15 /-</b>	2025271386	2025271195
2024204774	<b>E21C 41 /-</b>	2025271063	2025271143	<b>G06F 17 /-</b>	2025271246
<b>D06F 29 /-</b>	2025271162	<b>F25B 9 /-</b>	<b>G01N 27 /-</b>	2025271241	2025271256
2025271172	<b>E21D 23 /-</b>	2025271086	2025271143	<b>G06F 19 /-</b>	2025271258
<b>D06F 34 /-</b>	2025271162	<b>F25C 1 /-</b>	<b>G01N 29 /-</b>	2025271372	2025271260
2025271172	<b>F16B 23 /-</b>	2025271152	2025271380	<b>G06F 19 /-</b>	2025271262
<b>D06M 10 /-</b>	2025271310	2025271159	<b>G01N 33 /-</b>	2025271372	2025271264
2025271042	<b>F16B 37 /-</b>	<b>F25C 5 /-</b>	2025271089	<b>G06F 21 /-</b>	2025271308
<b>E01C 11 /-</b>	2025271191	2025271099	2025271231	2025271067	2025271350
2025271385	<b>F16B 39 /-</b>	2025271152	2025271246	2025271386	2025271379
<b>E01C 5 /-</b>	2025271191	2025271159	2025271256	2025271394	2025271430
2025271385	<b>F16B 5 /-</b>	<b>F25D 11 /-</b>	2025271258	<b>G06F 3 /-</b>	<b>G06Q 99 /-</b>
<b>E01C 9 /-</b>	2024203767	2025271152	2025271260	2025271239	2024203738
2025271385	2024203768	2025271159	2025271262	2025271324	<b>G06T 11 /-</b>
<b>E01F 9 /-</b>	<b>F16B 9 /-</b>	<b>F25D 23 /-</b>	2025271264	2025271328	2025271239
2024220139	2025271191	2025271099	2025271308	<b>G06F 30 /-</b>	<b>G06T 15 /-</b>
<b>E02F 9 /-</b>	<b>F16C 13 /-</b>	<b>F25D 25 /-</b>	2025271320	2025271138	2025271239
2025271200	2025203848	2025271152	2025271348	<b>G06F 8 /-</b>	<b>G06T 5 /-</b>
2025271202	<b>F16C 41 /-</b>	2025271159	2025271379	2024430252	2024227682
<b>E03C 1 /-</b>	2025203848	<b>F25D 29 /-</b>	<b>G01N 35 /-</b>	2025203067	<b>G06T 7 /-</b>
2024383162	<b>F16D 1 /-</b>	2025271099	2025271354	<b>G06F 9 /-</b>	2024227682
<b>E03D 13 /-</b>	2025271208	<b>F25D 3 /-</b>	<b>G01N 5 /-</b>	2025203067	<b>G06T 11 /-</b>
2024383162	<b>F16D 15 /-</b>	2025202642	2025271379	<b>G06K 19 /-</b>	2025271239
<b>E04F 11 /-</b>	2025271208	<b>F28C 1 /-</b>	<b>G01R 27 /-</b>	2025271113	<b>G06V 10 /-</b>
2025271107	<b>F16J 15 /-</b>	2025271410	2025271143	2025271355	2024227682
<b>E04H 17 /-</b>	2025203848	<b>F25D 29 /-</b>	<b>G01R 31 /-</b>	<b>G06N 20 /-</b>	<b>G07C 5 /-</b>
2025202463	2025271093	2025202642	2025200427	2025271258	2024430252
2025271107		<b>F41C 33 /-</b>	<b>G01R 33 /-</b>	2025271260	2025203290
		2025202601	2025271326	2025271260	<b>G07D 11 /-</b>
			<b>G01S 17 /-</b>	2025271260	2025271060
			2025203290	2025271383	<b>G07F 17 /-</b>
			2025203293	2025271481	2025271067
					2025271079
					2025271098

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2025271195	<b><u>H01B 9 /-</u></b>	<b><u>H02M 7 /-</u></b>	<b><u>H04W 12 /-</u></b>
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			2025271394
<b><u>G07F 19 /-</u></b>	<b><u>H01F 1 /-</u></b>	<b><u>H02S 20 /-</u></b>	<b><u>H04W 4 /-</u></b>
2025271133	2025271381	2025271063	2025271235
			2025271394
<b><u>G08B 1 /-</u></b>	<b><u>H01J 17 /-</u></b>	<b><u>H02S 40 /-</u></b>	2025271428
2025271422	2025271362	2025230788	
<b><u>G08B 21 /-</u></b>	<b><u>H01J 37 /-</u></b>	<b><u>H04B 1 /-</u></b>	<b><u>H04W 72 /-</u></b>
2024383162	2025203859	2025201860	2025271075
2025271154	2025271362	2025271399	
2025271422			
	<b><u>H01L 23 /-</u></b>	<b><u>H04B 17 /-</u></b>	<b><u>H04W 76 /-</u></b>
<b><u>G08B 25 /-</u></b>	2025201418	2025201860	2025271428
2025271422	2025271318		
		<b><u>H04B 5 /-</u></b>	<b><u>H05B 6 /-</u></b>
<b><u>G08C 17 /-</u></b>	<b><u>H01M 10 /-</u></b>	2025201860	2025202973
2025271336	2025200427	2025271336	2025203852
	2025203910		
<b><u>G08G 1 /-</u></b>	2025271176	<b><u>H04B 7 /-</u></b>	<b><u>H05G 1 /-</u></b>
2025203290	2025271429	2025271255	2025271317
2025203975			
	<b><u>H01M 4 /-</u></b>	<b><u>H04L 5 /-</u></b>	<b><u>H05H 1 /-</u></b>
<b><u>G16B 20 /-</u></b>	2024203658	2025271075	2025271234
2025271145	2025203910		
2025271425	2025271196	<b><u>H04L 65 /-</u></b>	<b><u>H05K 1 /-</u></b>
	2025271429	2025271235	2025271113
<b><u>G16B 25 /-</u></b>	<b><u>H01M 50 /-</u></b>	<b><u>H04L 67 /-</u></b>	<b><u>H05K 5 /-</u></b>
2025271145	2025271429	2024430252	2025204037
<b><u>G16B 30 /-</u></b>	<b><u>H01M 8 /-</u></b>	<b><u>H04L 69 /-</u></b>	<b><u>H05K 7 /-</u></b>
2025271425	2025271216	2025271373	2025204037
<b><u>G16B 40 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04L 9 /-</u></b>	<b><u>H10F 19 /-</u></b>
2025271145	2025203111	2024430252	2025230788
	2025203742	2025202475	
<b><u>G16H 10 /-</u></b>	<b><u>H01R 24 /-</u></b>	2025230710	<b><u>H10F 77 /-</u></b>
2024203699	2025203742	2025271101	2025230788
2025271425		2025271235	
		2025271394	<b><u>H10K 59 /-</u></b>
<b><u>G16H 20 /-</u></b>	<b><u>H02G 15 /-</u></b>	<b><u>H04N 19 /-</u></b>	2025204037
2024203699	2025203095	2025271081	
2025271139	2025203742	2025271091	
2025271406		2025271219	
		2025271243	
<b><u>G16H 30 /-</u></b>	<b><u>H02G 3 /-</u></b>	2025271383	
2025203615	2025271136	2025271399	
	2025271191	2025271408	
<b><u>G16H 40 /-</u></b>	<b><u>H02J 7 /-</u></b>	2025271416	
2025271425	2025200427		
	2025204076	<b><u>H04N 21 /-</u></b>	
<b><u>G16H 50 /-</u></b>	2025271176	2025271337	
2025202475			
	<b><u>H02J 9 /-</u></b>	<b><u>H04N 7 /-</u></b>	
<b><u>G16H 80 /-</u></b>	2025204011	2025271399	
2024203699			
	<b><u>H02K 1 /-</u></b>	<b><u>H04N 9 /-</u></b>	
<b><u>G16Z 99 /-</u></b>	2024444862	2025271239	
2025271311	2025271147		
		<b><u>H04R 1 /-</u></b>	
<b><u>G21C 11 /-</u></b>	<b><u>H02K 15 /-</u></b>	2025271382	
2025271136	2025271147		
		<b><u>H04R 17 /-</u></b>	
<b><u>G21C 13 /-</u></b>	<b><u>H02K 3 /-</u></b>	2025271382	
2025271136	2024444862		
		<b><u>H04R 3 /-</u></b>	
<b><u>H01B 17 /-</u></b>	<b><u>H02K 7 /-</u></b>	2025271127	
2025204045	2025271147		
		<b><u>H04S 7 /-</u></b>	
<b><u>H01B 7 /-</u></b>	<b><u>H02M 1 /-</u></b>	2025271127	
2025203095	2025204011		
2025204045			

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

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**(11)** AU-A-2025100020

**(21)** 2025100020      **(22)** 07.11.2025

**(54)** Electric scissors

**(51)** Int. Cl.

**A01G 3/037** ( 2006.01 )

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**B26D 7/22** ( 2006.01 )

**(45)** 18.12.2025

**(62)** 2021104752

**(72)** SHU, Gong Meng; LI, Da Zheng

**(74)** FB Rice Pty Ltd

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*C09D 133/24* ( 2006.01 )  
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 (54) COMPOSITIONS COMPRISING TRIGONELLINE AND UROLITHIN  
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*A61K 31/37* ( 2006.01 )  
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 (54) ANNEXIN A5 PROTEIN AS A COMBINATION THERAPY WITH AN ANTI-VEGF AGENT FOR USE IN THE TREATMENT OF MACULAR OEDEMA OR RETINAL VEIN OCCLUSION  
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*C25B 1/04* ( 2021.01 )  
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*B82Y 10/00* ( 2011.01 )  
*B82Y 40/00* ( 2011.01 )  
*C23C 16/455* ( 2006.01 )  
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*G06N 10/40* ( 2022.01 )  
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*C12N 9/10* ( 2006.01 )  
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*C12N 1/20* ( 2006.01 )  
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*C12P 19/18* ( 2006.01 )  
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 (54) COMBINATION OF CAPIVASERT-IB, A CDK4/6 INHIBITOR AND FULVESTRANT FOR USE IN THE TREATMENT OF BREAST CANCER  
 (51) Int. Cl.  
*A61K 31/506* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
*A61K 31/565* ( 2006.01 )  
*A61K 45/06* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 (74) Patent Attorney Services

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 (54) Methods and Devices For Detecting Analytes  
 (51) Int. Cl.  
*C12Q 1/00* ( 2006.01 )  
*G01N 33/543* ( 2006.01 )  
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 (54) PROPULSION MODULE ASSEMBLY FOR A PROJECTILE LAUNCHER  
 (51) Int. Cl.  
*F41H 13/00* ( 2006.01 )  
*F41A 21/06* ( 2006.01 )  
*F41B 11/62* ( 2013.01 )  
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**E04B 5/02** ( 2006.01 )  
**E04C 2/04** ( 2006.01 )  
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(54) GPS SATELLITE SIGNAL AUTHENTICATION BASED ON RELATIVE GAIN USING BEAMFORMING ANTENNA ELECTRONICS

(51) Int. Cl.  
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**H04W 12/12** ( 2021.01 )  
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**H04K 3/00** ( 2006.01 )  
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**H01Q 1/28** ( 2006.01 )  
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(54) LAND PLATFORM ASSEMBLY, LANDING SYSTEM, VEHICLE, FLOAT ARRANGEMENT, AERIAL VEHICLE AND ASSOCIATED SYSTEMS AND METHODS

(51) Int. Cl.  
**B64U 70/93** ( 2023.01 )  
**B64C 39/02** ( 2023.01 )  
**G05D 1/247** ( 2024.01 )  
**G05D 1/654** ( 2024.01 )  
**G05D 107/00** ( 2024.01 )  
**G05D 109/20** ( 2024.01 )  
**G05D 111/10** ( 2024.01 )  
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(54) LANDING PLATFORM ASSEMBLY, LANDING SYSTEM, VEHICLE, FLOAT ARRANGEMENT, AERIAL VEHICLE AND ASSOCIATED SYSTEMS AND METHODS

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**B64F 1/00** ( 2024.01 )  
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**F16G 15/08** ( 2006.01 )  
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**B64D 1/06** ( 2006.01 )  
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 (51) Int. Cl.  
*C07D 201/12* ( 2006.01 )  
*C08G 69/14* ( 2006.01 )  
*C08G 69/16* ( 2006.01 )  
*C08J 11/14* ( 2006.01 )  
*C08L 77/02* ( 2006.01 )  
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 GAUER, Jochen  
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*C08G 69/14* ( 2006.01 )  
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*C08G 69/16* ( 2006.01 )  
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 (51) Int. Cl.  
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 (51) Int. Cl.  
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*C01C 1/12* ( 2006.01 )  
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 (51) Int. Cl.  
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*A61K 39/395* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
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 (54) MULTI-LAYER COMMUNICATION  
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*H04L 9/40* ( 2022.01 )  
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 (51) Int. Cl.  
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 (54) HIGH GGBFS CONTAINING CEMEN-  
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 METHOD  
 (51) Int. Cl.  
*C04B 28/04* ( 2006.01 )  
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 A61Q 5/00 ( 2006.01 )  
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 A61K 8/49 ( 2006.01 )  
 A61K 47/54 ( 2017.01 )  
 A61P 17/00 ( 2006.01 )  
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 A61Q 17/02 ( 2006.01 )  
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 (54) BICYCLIC PEPTIDE LIGANDS SPE-  
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 (51) Int. Cl.  
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 A61K 39/395 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
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 (51) Int. Cl.  
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 A61K 9/00 ( 2006.01 )  
 A61K 31/4745 ( 2006.01 )  
 A61K 38/00 ( 2006.01 )  
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 (51) Int. Cl.  
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 A61F 2/30 ( 2006.01 )  
 A61F 2/36 ( 2006.01 )  
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 (54) SYSTEMS AND METHODS FOR EN-  
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 AL FOR COMMERCE  
 (51) Int. Cl.  
 G06Q 30/02 ( 2023.01 )  
 G06F 16/33 ( 2019.01 )  
 G06F 16/332 ( 2019.01 )  
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 IITIONS FOR THE TREATMENT OF  
 DRUG ADDICTION
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 A61K 31/485 ( 2006.01 )  
 A61K 31/395 ( 2006.01 )  
 A61K 31/445 ( 2006.01 )  
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 (72) EDAGWA, Benson  
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 A63B 22/18 ( 2006.01 )  
 A63B 22/20 ( 2006.01 )  
 A63B 26/00 ( 2006.01 )  
 A63B 21/16 ( 2006.01 )  
 A63B 22/00 ( 2006.01 )  
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 (51) Int. Cl.  
 G06V 40/16 ( 2022.01 )  
 A61B 3/11 ( 2006.01 )  
 G02B 25/00 ( 2006.01 )  
 G02C 7/08 ( 2006.01 )  
 G02C 13/00 ( 2006.01 )  
 G06V 40/18 ( 2022.01 )  
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 (51) Int. Cl.  
*B60W 10/04* ( 2006.01 )  
*B60W 10/18* ( 2012.01 )  
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*G06F 16/95* ( 2019.01 )
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*A61K 31/7105* ( 2006.01 )  
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*B60K 13/06* ( 2006.01 )  
*B60P 1/28* ( 2006.01 )
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*C22B 15/00* ( 2006.01 )  
*C07C 229/24* ( 2006.01 )  
*C07C 229/26* ( 2006.01 )  
*C22B 3/04* ( 2006.01 )
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*A61K 31/422* ( 2006.01 )  
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**(54)** INTERVERTEBRAL BODY FUSION PROSTHESIS  
**(51)** Int. Cl.  
**A61F 2/44** ( 2006.01 )  
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**(51)** Int. Cl.  
**C25D 3/54** ( 2006.01 )  
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**H01M 4/66** ( 2006.01 )  
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**C12N 15/62** ( 2006.01 )  
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**C12N 5/10** ( 2006.01 )  
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**C12R 1/93** ( 2006.01 )  
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**(21)** 2024430252 **(22)** 31.07.2024  
**(54)** OVER-THE-AIR UPGRADE METHOD AND SYSTEM, COMPUTER DEVICE, AND VEHICLE  
**(51)** Int. Cl.  
**G06F 8/70** ( 2018.01 )  
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**G07C 5/00** ( 2006.01 )  
**H04L 9/00** ( 2022.01 )  
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**C12N 15/113** ( 2010.01 )  
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**C11D 3/395** ( 2006.01 )  
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**(54)** MULTIPURPOSE FISHING DEVICE  
**(51)** Int. Cl.  
**A01K 87/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C01C 1/04** ( 2006.01 )  
**B01D 53/22** ( 2006.01 )  
**B01D 71/02** ( 2006.01 )  
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**B22D 17/20** ( 2006.01 )  
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**(72)** SCHIVALOCCHI, Carlo  
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**(51)** Int. Cl.  
**A23K 20/28** ( 2016.01 )  
**A23K 20/105** ( 2016.01 )  
**A23K 20/142** ( 2016.01 )  
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**A23K 20/20** ( 2016.01 )  
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*E05C 9/00* ( 2006.01 )  
*B61D 19/00* ( 2006.01 )  
*E05C 9/08* ( 2006.01 )  
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 (51) Int. Cl.  
*G06F 3/0484* ( 2022.01 )  
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 (51) Int. Cl.  
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*G06F 3/048* ( 2013.01 )  
*G06N 20/00* ( 2019.01 )  
*G06V 10/10* ( 2022.01 )  
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 (54) TEMPERATURE CONTROL SYSTEM  
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*F24F 1/34* ( 2011.01 )  
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 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
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*A61K 31/4985* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
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 (11) AU-A-2024285191  
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 (54) METHODS FOR PRODUCING MODIFIED BETALAINS IN YEAST  
 (51) Int. Cl.  
*C12N 1/16* ( 2006.01 )  
*C12N 9/02* ( 2006.01 )  
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*C12N 9/90* ( 2006.01 )  
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*C08L 5/08* ( 2006.01 )  
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**C01G 28/02** ( 2006.01 )  
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**C07K 16/18** ( 2006.01 )
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*D04H 1/425* ( 2012.01 )  
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 (51) Int. Cl.  
*C12M 3/00* ( 2006.01 )  
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*F16B 12/44* ( 2006.01 )  
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F21V 29/70 ( 2015.01 )  
F21W 131/202 ( 2006.01 )  
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OXO-QUINAZOLIN-6-YL)OXY-  
PHENYL]- 3-FLUORO-PYRROLID-  
INE-1-SULFONAMIDE  
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A61K 31/517 ( 2006.01 )  
C07D 487/12 ( 2006.01 )  
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LEOTIDE FOR MODULATING JAK1  
EXPRESSION  
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C12N 15/113 ( 2010.01 )  
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Jul; KELLER, Michael; LARSEN, Inna  
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Jesper; WYSS, Lena; SANTOS FER-  
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C07D 249/12 ( 2006.01 )

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(51) Int. Cl.  
G08B 21/18 ( 2006.01 )  
A47K 11/12 ( 2006.01 )  
E03C 1/28 ( 2006.01 )  
E03D 13/00 ( 2006.01 )  
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C08J 9/32 ( 2006.01 )  
B29C 70/66 ( 2006.01 )  
C04B 14/24 ( 2006.01 )  
C08K 7/28 ( 2006.01 )  
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DUCING NUMBER OF REDUNDANT  
CABLE PATHS IN AN OPTICAL NET-  
WORK  
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G01D 5/353 ( 2006.01 )  
G01H 9/00 ( 2006.01 )  
G01M 11/00 ( 2006.01 )  
H04B 10/07 ( 2013.01 )  
H04B 10/071 ( 2013.01 )  
H04B 10/079 ( 2013.01 )  
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(72) ENGLUND, Mark Andrew; SOKOL,  
Mark  
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B64U 10/20 ( 2023.01 )  
B64C 11/48 ( 2006.01 )  
B64C 29/00 ( 2006.01 )  
B64D 31/10 ( 2006.01 )  
B64U 50/23 ( 2023.01 )  
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A61K 31/4353 ( 2006.01 )  
A61P 25/00 ( 2006.01 )  
C07D 401/04 ( 2006.01 )  
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(72) MUNOZ, Benito; PENG, Hairuo  
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A23D 9/02 ( 2006.01 )  
C11C 3/10 ( 2006.01 )  
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(51) Int. Cl.  
**C07K 19/00** ( 2006.01 )  
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**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
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**G01F 23/22** ( 2006.01 )  
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(72) ESCORS MURUGARREN, David; BLANCO PALMEIRO, Ester; CHOCARRO DE ERAUSO, Luisa; KOCHAN, Grazyna  
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**C07K 14/54** ( 2006.01 )  
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 GV1001 FOR PREVENTING OR  
 TREATING PERIODONTAL DISEASES  
 AND DISORDERS CAUSED BY PERI-  
 ODONTAL DISEASES  
**(51)** Int. Cl.  
**A61K 38/45** ( 2006.01 )  
**A23L 33/17** ( 2016.01 )  
**A61K 38/10** ( 2006.01 )  
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**(21)** 2024302846 ( **(22)** 12.06.2024  
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 TIONS, METHODS OF GENERATION,  
 AND METHODS OF USE THEREOF  
**(51)** Int. Cl.  
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**A61P 35/00** ( 2006.01 )  
**A61P 37/04** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
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**(54)** STIMULATORY ANTIGEN  
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 Duction, AND METHODS OF USE  
 THEREOF  
**(51)** Int. Cl.  
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**C07K 14/725** ( 2006.01 )  
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**(72)** CARPENEDO, Richard;  
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**C07K 14/705** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**C07K 14/47** ( 2006.01 )  
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 OPTICAL FUNCTIONAL LAYER,  
 VALUE DOCUMENT AND EXAMINA-  
 TION METHOD  
**(51)** Int. Cl.  
**B42D 25/29** ( 2014.01 )  
**B42D 25/324** ( 2014.01 )  
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**C07D 487/04** ( 2006.01 )  
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**(21)** 2023457271 ( **(22)** 22.12.2023  
**(54)** LIPID NANOPARTICLE FORMULA-  
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**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/127** ( 2006.01 )  
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**A61K 47/24** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(51)** Int. Cl.  
**H01R 25/14** ( 2006.01 )  
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**(11)** AU-A-2024300810  
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**(54)** WORK MACHINE WITH MULTIPLE HYDRAULIC TANKS  
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**E02F 9/08** ( 2006.01 )  
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**F15B 1/26** ( 2006.01 )  
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**(72)** CARLSON, Jason  
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**(54)** BOTTLE MADE OF RECYCLABLE MATERIALS  
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**B65D 8/00** ( 2006.01 )  
**B65D 77/06** ( 2006.01 )  
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**(71)** GUANGDONG WITOL VACUUM ELECTRONIC MANUFACTURE CO., LTD.  
**(11)** AU-A-2024272165  
**(21)** 2024272165 (22) 11.05.2024  
**(54)** DRIVING POWER SOURCE AND CONTROL METHOD THEREFOR, AND HEATING APPARATUS AND MICROWAVE COOKING DEVICE  
**(51)** Int. Cl.  
**H05B 6/66** ( 2006.01 )  
**H05B 6/68** ( 2006.01 )  
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**(31)** 202310555936.X (32) 16.05.23 **(33)** CN  
**(43)** 21.11.2024  
**(72)** TAKASHIGE, Yutaka; LI, Qinghai; WANG, Fubao; GAO, Wei; LIU, Xinghua; XU, Xiaoping; CHEN, Fei  
**(74)** Integrated IP

**(71)** H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC.  
**(11)** AU-A-2024283046  
**(21)** 2024283046 (22) 24.05.2024  
**(54)** CD40L MONOMERS AND METHODS OF THEIR USE IN TIL ENHANCEMENT VIA EX VIVO STIMULATION  
**(51)** Int. Cl.  
**C07K 14/52** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2024/249307  
**(31)** 63/504,462 (32) 26.05.23 **(33)** US  
**(43)** 05.12.2024  
**(72)** LUCA, Vince; ABATE-DAGA, Daniel; ROSSETTI, Renata Ariza Marques; HWU, Patrick  
**(74)** Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

**(71)** H2 CLIPPER, INC.  
**(11)** AU-A-2024265029  
**(21)** 2024265029 (22) 06.05.2024  
**(54)** METHOD AND APPARATUS FOR DELIVERING HYDROGEN

**(51)** Int. Cl.  
**F17D 1/04** ( 2006.01 )  
**F17D 3/01** ( 2006.01 )  
**F17D 3/18** ( 2006.01 )  
**F17D 5/02** ( 2006.01 )  
**(87)** WO2024/229457  
**(31)** 18/312,215 (32) 04.05.23 **(33)** US  
**(43)** 07.11.2024  
**(72)** BRUTOCO, Rinaldo S.; SHELTON, Robert H.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** HACH LANGE GMBH  
**(11)** AU-A-2024290585  
**(21)** 2024290585 (22) 25.06.2024  
**(54)** AMMONIUM ANALYZER ARRANGEMENT  
**(51)** Int. Cl.  
**G01N 27/404** ( 2006.01 )  
**G01N 27/30** ( 2006.01 )  
**G01N 27/403** ( 2006.01 )  
**G01N 27/416** ( 2006.01 )  
**G01N 33/00** ( 2006.01 )  
**G01N 33/18** ( 2006.01 )  
**(87)** WO2025/008225  
**(31)** 23183778.2 (32) 06.07.23 **(33)** EP  
**(43)** 09.01.2025  
**(72)** RUDDE, Heinz; STELLMACH-HANULOK, Aurelia; HAHN, Markus  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** HALEON US HOLDINGS LLC  
**(11)** AU-A-2024286032  
**(21)** 2024286032 (22) 04.06.2024  
**(54)** FEEDBACK ENABLED ORAL CARE DEVICE  
**(51)** Int. Cl.  
**A46B 15/00** ( 2006.01 )  
**A46B 5/00** ( 2006.01 )  
**(87)** WO2024/252278  
**(31)** 63/506,908 (32) 08.06.23 **(33)** US  
**(43)** 12.12.2024  
**(72)** MUELLER, Wolf-Dieter; BUTLER, Joe; ASTON, Thomas  
**(74)** AJ PARK

**(71)** HALL, P.  
**(11)** AU-A-2024267388  
**(21)** 2024267388 (22) 02.05.2024  
**(54)** BIOETHANOL PRODUCTION FROM WASTE USING ENZYMES  
**(51)** Int. Cl.  
**C12P 7/08** ( 2006.01 )  
**C12M 1/00** ( 2006.01 )  
**C12P 7/10** ( 2006.01 )  
**(87)** WO2024/231661  
**(31)** 2306704.4 (32) 05.05.23 **(33)** GB  
**(43)** 14.11.2024  
**(72)** HALL, Philip  
**(74)** WRAYS PTY LTD

**(71)** HANGZHOU GREAT STAR INDUSTRIAL CO., LTD.  
**(11)** AU-A-2023447517  
**(21)** 2023447517 (22) 18.05.2023  
**(54)** CERAMIC TILE LEVELING DEVICE  
**(51)** Int. Cl.

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

**E04F 21/22** ( 2006.01 )  
**E04F 21/18** ( 2006.01 )  
**E04F 21/20** ( 2006.01 )  
**(87)** WO2024/229886  
**(31)** 202310515801.0 **(32)** 08.05.23 **(33)** CN  
**(43)** 14.11.2024  
**(72)** LI, Yueming  
**(74)** Westmark IP

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**(71)** HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.  
**(11)** AU-A-2024282753  
**(21)** 2024282753 **(22)** 30.05.2024  
**(54)** DECODING AND ENCODING METHOD, APPARATUS, AND DEVICE THEREOF  
**(51)** Int. Cl.  
**H04N 19/44** ( 2014.01 )  
**(87)** WO2024/245354  
**(31)** 202310645218.1 **(32)** 01.06.23 **(33)** CN  
**(43)** 05.12.2024  
**(72)** CHEN, Fangdong; YE, Zongmiao; WANG, Li; WU, Xiaoyang; LU, Ming; KONG, Yuzhuo; MA, Zhan  
**(74)** FB Rice Pty Ltd

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**(71)** HANGZHOU TAISHENG NEW MATERIALS TECHNOLOGY CO., LTD.  
**(11)** AU-A-2024409599  
**(21)** 2024409599 **(22)** 17.12.2024  
**(54)** USE OF RED MUD AS RAW MATERIAL FOR PREPARING PORCELAIN CLAY  
**(51)** Int. Cl.  
**C04B 33/24** ( 2006.01 )  
**C04B 33/132** ( 2006.01 )  
**(31)** 202410706666.2 **(32)** 03.06.24 **(33)** CN  
**(43)** 18.12.2025  
**(72)** FANG, Wei; FANG, Yuye; ZHANG, Hongliu  
**(74)** Minter Ellison

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**(71)** HAYA THERAPEUTICS SA  
**(11)** AU-A-2024275886  
**(21)** 2024275886 **(22)** 21.05.2024  
**(54)** COMPOSITIONS AND METHODS TO MODULATE TRANSPOSABLE ELEMENTS GOVERNING CELL-STATE TRANSITIONS  
**(51)** Int. Cl.  
**C12N 15/113** ( 2010.01 )  
**(87)** WO2024/241091  
**(31)** 63/468,122 **(32)** 22.05.23 **(33)** US  
 63/536,192 01.09.23 US  
**(43)** 28.11.2024  
**(72)** IOURANOVA, Alexandra; BLESSING, Daniel, Roman; OUNZAIN, Samir; MINA, Marco; DREOS, René; CRUZ DÁVALOS, Diana Ivette; MICHELETTI, Rudi  
**(74)** FB Rice Pty Ltd

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**(71)** HE, Z.  
**(11)** AU-A-2023454068  
**(21)** 2023454068 **(22)** 09.09.2023

**(54)** TROLLEY CONTROL METHOD BASED ON GYROSCOPES AND TRACTION-ASSISTED TROLLEY  
**(51)** Int. Cl.  
**G05D 1/00** ( 2024.01 )  
**G01C 19/00** ( 2013.01 )  
**(87)** WO2025/015686  
**(31)** 202310888759.7 **(32)** 19.07.23 **(33)** CN  
**(43)** 23.01.2025  
**(72)** HE, Zhuangxian  
**(74)** LAMINAR IP PTY LTD

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**(71)** HELSING GMBH  
**(11)** AU-A-2024277867  
**(21)** 2024277867 **(22)** 21.05.2024  
**(54)** MACHINE LEARNING MODULE FOR RADIO-FREQUENCY SIGNAL PROCESSING  
**(51)** Int. Cl.  
**G01R 23/16** ( 2006.01 )  
**G06F 18/21** ( 2023.01 )  
**G06F 18/214** ( 2023.01 )  
**G06N 3/0464** ( 2023.01 )  
**G06N 3/08** ( 2023.01 )  
**G06N 3/09** ( 2023.01 )  
**(87)** WO2024/240741  
**(31)** 23174634.8 **(32)** 22.05.23 **(33)** EP  
**(43)** 28.11.2024  
**(72)** NINOS, Alexandros  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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**(71)** HILL'S PET NUTRITION, INC.  
**(11)** AU-A-2024302904  
**(21)** 2024302904 **(22)** 11.06.2024  
**(54)** PET FOOD COMPOSITIONS  
**(51)** Int. Cl.  
**A23K 10/30** ( 2016.01 )  
**A23K 20/121** ( 2016.01 )  
**A23K 20/158** ( 2016.01 )  
**A23K 50/40** ( 2016.01 )  
**A23K 50/42** ( 2016.01 )  
**A61K 31/7048** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**(87)** WO2024/258858  
**(31)** 63/507,603 **(32)** 12.06.23 **(33)** US  
**(43)** 19.12.2024  
**(72)** BADRI, Dayakar; PANICKAR, Kiran; TAVENER, Selena  
**(74)** JMDS IP Pty Ltd

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**(71)** HINGE HEALTH, INC.  
**(11)** AU-A-2024321209  
**(21)** 2024321209 **(22)** 09.08.2024  
**(54)** APPROACHES TO GENERATING SEMI-SYNTHETIC TRAINING DATA FOR REAL-TIME ESTIMATION OF POSE AND SYSTEMS FOR IMPLEMENTING THE SAME  
**(51)** Int. Cl.  
**G06T 7/70** ( 2017.01 )  
**G06N 3/08** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**G06V 10/82** ( 2022.01 )  
**G06V 40/20** ( 2022.01 )  
**(87)** WO2025/035128  
**(31)** 63/518,780 **(32)** 10.08.23 **(33)** US

**(43)** 13.02.2025  
**(72)** ZANGENEHPOUR, Sohail; KRUSZEWSKI, Paul Anthony; LACROIX, Robert; BROWN, Colin Joseph; MAHAMAD, Thomas Jan  
**(74)** RnB IP Pty Ltd

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**(71)** HISENSE (GUANGDONG) AIR CONDITIONING CO., LTD.  
**(11)** AU-A-2024416011  
**(21)** 2024416011 **(22)** 28.10.2024  
**(54)** AIR CONDITIONER  
**(51)** Int. Cl.  
**F24F 11/88** ( 2018.01 )  
**F24F 11/50** ( 2018.01 )  
**F24F 11/63** ( 2018.01 )  
**(31)** 202410703788.6 **(32)** 31.05.24 **(33)** CN  
**(43)** 18.12.2025  
**(72)** ZHANG, Jianneng; ZHOU, Liang; LI, Xidong  
**(74)** Adams Pluck

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**(71)** HUAWEI TECHNOLOGIES CO., LTD.  
**(11)** AU-A-2024296021  
**(21)** 2024296021 **(22)** 20.06.2024  
**(54)** MODULATION AND CODING SCHEME INDICATION METHOD AND CORRESPONDING APPARATUS  
**(51)** Int. Cl.  
**H04L 1/00** ( 2006.01 )  
**(87)** WO2025/011298  
**(31)** 202310838489.9 **(32)** 07.07.23 **(33)** CN  
**(43)** 16.01.2025  
**(72)** YU, Jian; GONG, Bo; HU, Mengshi; GAN, Ming  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** HUBEI BIO-PHARMACEUTICAL INDUSTRIAL TECHNOLOGICAL INSTITUTE INC.  
**(11)** AU-A-2024267477  
**(21)** 2024267477 **(22)** 07.05.2024  
**(54)** CRYSTAL FORM OF HETEROCYCLIC COMPOUND, SALT THEREOF, CRYSTAL FORM OF SALT THEREOF, AND USE  
**(51)** Int. Cl.  
**C07D 519/00** ( 2006.01 )  
**A61K 31/4375** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**(87)** WO2024/230672  
**(31)** 202310513152.0 **(32)** 08.05.23 **(33)** CN  
 202410496830.1 23.04.24 CN  
**(43)** 14.11.2024  
**(72)** ZHANG, Xuejun; ZANG, Yang; LI, Qun; ZONG, Qiao; WANG, Meng; QIAN, Lina  
**(74)** FB Rice Pty Ltd

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**(71)** HUNAN CRRC TIMES ELECTRIC DRIVE TECHNOLOGY CO., LTD.  
**(11)** AU-A-2024444862  
**(21)** 2024444862 **(22)** 01.11.2024  
**(54)** 48-SLOT 8-POLE FLAT WIRE WINDING STATOR, AND HAIRPIN ELECTRIC MOTOR  
**(51)** Int. Cl.  
**H02K 3/28** ( 2006.01 )

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

- H02K 1/06** ( 2006.01 )  
**H02K 1/08** ( 2006.01 )  
**H02K 3/12** ( 2006.01 )  
**H02K 3/50** ( 2006.01 )
- (31) 202410701007.X (32) 31.05.24 (33) CN  
(43) 18.12.2025  
(72) CHEN, Zhichu; HU, Yongfeng; HU, Ming; SHI, Junxu; SHI, Hongjiao; WU, Huizhong; YANG, Bin; WU, Jiangquan; XIE, Wenqiang; HUANG, Shaozhi  
(74) Madderns Pty Ltd
- 
- (71) ICON23 PTY LTD  
(11) AU-A-2024307514  
(21) 2024307514 (22) 25.06.2024  
(54) A TAKEAWAY FOOD CONTAINER ASSEMBLY  
(51) Int. Cl.  
**B65D 81/36** ( 2006.01 )  
**A63B 63/08** ( 2006.01 )  
**A63B 67/00** ( 2006.01 )  
**A63B 67/06** ( 2006.01 )  
**A63F 7/06** ( 2006.01 )  
**A63F 9/00** ( 2006.01 )  
**A63F 9/02** ( 2006.01 )  
**B65D 5/00** ( 2006.01 )  
**B65D 85/00** ( 2006.01 )
- (87) WO2025/000020  
(31) 2023902085 (32) 30.06.23 (33) AU  
2023902377 26.07.23 AU  
2023904080 15.12.23 AU  
2023904153 20.12.23 AU  
2024900617 08.03.24 AU
- (43) 02.01.2025  
(72) SEALE, Dallyn  
(74) Spruson & Ferguson
- 
- (71) IC TARGETS AS  
(11) AU-A-2024302446  
(21) 2024302446 (22) 12.06.2024  
(54) SYSTEM AND METHOD FOR DETERMINING A CARDIOMYOCYTE MANGANESE ION UPTAKE RATE CONSTANT TO INDICATE A T-TUBULE DENSITY  
(51) Int. Cl.  
**G01R 33/56** ( 2006.01 )  
**G01R 33/50** ( 2006.01 )  
**G01R 33/563** ( 2006.01 )
- (87) WO2024/258292  
(31) 20230696 (32) 16.06.23 (33) NO  
(43) 19.12.2024  
(72) ØSTENSEN, Jonny  
(74) Madderns Pty Ltd
- 
- (71) IHI PLANT SERVICES CORPORATION  
(11) AU-A-2024277151  
(21) 2024277151 (22) 24.05.2024  
(54) TANK SYSTEM  
(51) Int. Cl.  
**F17C 13/02** ( 2006.01 )  
**F17C 3/04** ( 2006.01 )
- (87) WO2024/242198  
(31) 2023-085765 (32) 24.05.23 (33) JP  
(43) 28.11.2024  
(72) TAZUKE Hideyuki; NAKAMURA Hideaki; YAMADA Juichiro  
(74) Davies Collison Cave Pty Ltd
- 
- (71) ILLUMINA, INC.  
(11) AU-A-2024284320  
(21) 2024284320 (22) 06.06.2024  
(54) MULTIVALENT BINDING UNIT MODIFIED DIDEOXYNUCLEOTIDE TRIPHOSPHATES AND METHODS OF MAKING AND USING THE SAME  
(51) Int. Cl.  
**C07H 19/10** ( 2006.01 )  
**C07H 19/20** ( 2006.01 )  
**C12Q 1/68** ( 2018.01 )
- (87) WO2024/254329  
(31) 63/471,425 (32) 06.06.23 (33) US  
(43) 12.12.2024  
(72) PANTOJA, Rigoberto; YANG, Xiangyuan; VERMAAS, Eric; TEO, Yin Nah; LIU, Di  
(74) PHILLIPS ORMONDE FITZPATRICK
- 
- (71) ILLUMINA, INC.  
(11) AU-A-2024410143  
(21) 2024410143 (22) 27.12.2024  
(54) TARGETED SPATIAL TRANSCRIPTION  
(51) Int. Cl.  
**C12Q 1/6816** ( 2018.01 )  
**C12Q 1/6837** ( 2018.01 )  
**C12Q 1/6874** ( 2018.01 )
- (87) WO2025/145013  
(31) 63/615,558 (32) 28.12.23 (33) US  
63/738,312 23.12.24 US  
(43) 03.07.2025  
(72) SEGALE, Darren; APRIL, Craig; MANZO, Andrea; FISHER, Jeffrey; EKSTRAND, Mats  
(74) Spruson & Ferguson
- 
- (71) IMERYS USA, INC.  
(11) AU-A-2024286167  
(21) 2024286167 (22) 07.06.2024  
(54) FILTER AID  
(51) Int. Cl.  
**B01D 37/02** ( 2006.01 )  
**B01D 39/20** ( 2006.01 )  
**C12H 1/07** ( 2006.01 )
- (87) WO2024/254370  
(31) 63/506,657 (32) 07.06.23 (33) US  
(43) 12.12.2024  
(72) SINGH, Virendra; TIHOMIROV, Larisa; FERNANDES, Gregory; GITTINS, David Ian  
(74) FB Rice Pty Ltd
- 
- (71) IMMUNITYBIO, INC.  
(11) AU-A-2024291410  
(21) 2024291410 (22) 02.07.2024  
(54) EX VIVO GENERATION OF IMMUNE EFFECTOR CELLS FROM APHERESIS MATERIAL INTERMEDIATES  
(51) Int. Cl.  
**A61K 35/17** ( 2015.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 31/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )
- (87) WO2025/010297
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- (31) 63/512,032 (32) 05.07.23 (33) US  
63/515,528 25.07.23 US  
63/605,326 01.12.23 US
- (43) 09.01.2025  
(72) SOON-SHIONG, Patrick  
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
- 
- (71) INBIOSE N.V.  
(11) AU-A-2024265881  
(21) 2024265881 (22) 03.05.2024  
(54) FUCOSYLATED MAMMALIAN MILK OLIGOSACCHARIDE FOR USE IN THE PREVENTION OR TREATMENT OF SHIPPING FEVER  
(51) Int. Cl.  
**A23K 20/163** ( 2016.01 )  
**A23K 50/10** ( 2016.01 )  
**A61K 31/702** ( 2006.01 )
- (87) WO2024/227921  
(31) 23171613.5 (32) 04.05.23 (33) EP  
LU504127 04.05.23 LU  
23179354.8 14.06.23 EP
- (43) 07.11.2024  
(72) BEAUPREZ, Joeri; CARPENTIER, Wesley; VAN NGUYEN, Ut; VERCAUTEREN, Annelies; LENSINK, Jordi; MIEDEMA, Marie Louise; VAN DE VOSSE, Mariska; VERSCHEIJDEN, Elian Elisabeth Marie-Louise  
(74) Ruby IP
- 
- (71) INBIOSE N.V.  
(11) AU-A-2024266153  
(21) 2024266153 (22) 03.05.2024  
(54) FUCOSYLATED MAMMALIAN MILK OLIGOSACCHARIDE FOR USE IN THE PREVENTION OR TREATMENT OF PNEUMONIA  
(51) Int. Cl.  
**A23K 20/163** ( 2016.01 )  
**A23K 50/10** ( 2016.01 )  
**A23K 50/30** ( 2016.01 )  
**A61K 31/7016** ( 2006.01 )  
**A61K 31/702** ( 2006.01 )
- (87) WO2024/227920  
(31) 23171610.1 (32) 04.05.23 (33) EP  
LU504126 04.05.23 LU  
23179353.0 14.06.23 EP
- (43) 07.11.2024  
(72) BEAUPREZ, Joeri; CARPENTIER, Wesley; VAN NGUYEN, Ut; VERCAUTEREN, Annelies; LENSINK, Jordi; MIEDEMA, Marie Louise; VAN DE VOSSE, Mariska; VERSCHEIJDEN, Elian Elisabeth Marie-Louise  
(74) Ruby IP
- 
- (71) INDUSTRY ACADEMIC COOPERATION FOUNDATION OF YEUNGNAM UNIVERSITY  
(11) AU-A-2023448967  
(21) 2023448967 (22) 17.11.2023  
(54) MEDIUM COMPOSITION FOR PROMOTING MUSCLE CELL DIFFERENTIATION COMPRISING QUERCETIN AS ACTIVE INGREDIENT  
(51) Int. Cl.  
**C12N 5/077** ( 2010.01 )

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

- A23L 13/00** ( 2016.01 )  
**(87)** WO2024/242255  
**(31)** 10-2023-0066428 **(32)** 23.05.23 **(33)** KR  
 10-2023-0156641 13.11.23 KR  
**(43)** 28.11.2024  
**(72)** CHOI, Inho; LEE, Eun Ju; LIM, Jeong  
 Ho; AHMAD, Syed Sayeed; CHUN,  
 Hee Jin  
**(74)** FB Rice Pty Ltd
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- (71)** INFINEUM INTERNATIONAL LIMITED  
**(11)** AU-A-2024288465  
**(21)** 2024288465 **(22)** 10.07.2024  
**(54)** CARBON CAPTURE  
**(51)** Int. Cl.  
**B01D 53/14** ( 2006.01 )  
**(87)** WO2025/012335  
**(31)** 23185040.5 **(32)** 12.07.23 **(33)** EP  
**(43)** 16.01.2025  
**(72)** SCOTT, Robin Howard; HOLLINGS-  
 WORTH, Nathan; GREER, Adam;  
 COULTAS, David Robert  
**(74)** Griffith Hack
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- (71)** INMAGENE PTE. LTD.  
**(11)** AU-A-2024270449  
**(21)** 2024270449 **(22)** 09.05.2024  
**(54)** BDCA2-TARGETING ANTIBODIES  
 AND USES THEREOF  
**(51)** Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/385** ( 2006.01 )  
**A61P 37/06** ( 2006.01 )  
**(87)** WO2024/230774  
**(31)** PCT/ **(32)** 10.05.23 **(33)** CN  
 CN2023/093331  
**(43)** 14.11.2024  
**(72)** LEI, Run; GUO, Chongtian; FAN,  
 Pengcheng; WU, Xiaotong; LI, Yiqing;  
 WANG, Yu; ZHANG, Min  
**(74)** PHILLIPS ORMONDE FITZPATRICK
- 
- (71)** INNOVEC BIOTHERAPEUTICS  
**(11)** AU-A-2024276934  
**(21)** 2024276934 **(22)** 20.05.2024  
**(54)** ADENO-ASSOCIATED VIRUS CAPSID  
 PROTEIN, ADENO-ASSOCIATED VIR-  
 US CONTAINING SAME, VECTOR  
 AND USE THEREOF  
**(51)** Int. Cl.  
**C07K 19/00** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C07K 7/08** ( 2006.01 )  
**C07K 14/015** ( 2006.01 )  
**C12N 15/864** ( 2006.01 )  
**(87)** WO2024/240113  
**(31)** PCT/ **(32)** 23.05.23 **(33)** CN  
 CN2023/095837  
**(43)** 28.11.2024  
**(72)** WANG, Cheng; FU, Yingying; LI, Wei  
**(74)** WRAYS PTY LTD
- 
- (71)** INSILICO MEDICINE IP LIMITED  
**(11)** AU-A-2024274507  
**(21)** 2024274507 **(22)** 16.05.2024
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- (54)** SPIRO DERIVATIVES AS WRN INHIB-  
 ITORS  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2024/235292  
**(31)** PCT/ **(32)** 17.05.23 **(33)** CN  
 CN2023/094829  
 PCT/ 04.07.23 CN  
 CN2023/105726  
 PCT/ 19.10.23 CN  
 CN2023/125493  
 PCT/ 23.01.24 CN  
 CN2024/073588  
 PCT/ 30.04.24 CN  
 CN2024/090911  
**(43)** 21.11.2024  
**(72)** DING, Xiao; DING, Xiaoyu; REN, Feng;  
 WAN, Jianfei; XU, Jianyu; ZHU, Wei  
**(74)** FB Rice Pty Ltd
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- (71)** INSINKERATOR APPLIANCE  
 (NANJING) CO., LTD.  
**(11)** AU-A-2023450397  
**(21)** 2023450397 **(22)** 02.06.2023  
**(54)** SYSTEMS AND METHODS OF  
 WASTE DISPOSER AUTOMATIC  
 SHUTDOWN  
**(51)** Int. Cl.  
**B02C 18/00** ( 2006.01 )  
**E03C 1/266** ( 2006.01 )  
**(87)** WO2024/243993  
**(43)** 05.12.2024  
**(72)** WU, Wei; ZHANG, Yutong; WANG,  
 Long  
**(74)** GLMR
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- (71)** INSINKERATOR APPLIANCE  
 (NANJING) CO., LTD.  
**(11)** AU-A-2023450696  
**(21)** 2023450696 **(22)** 02.06.2023  
**(54)** WASTE DISPOSER SYSTEM OR  
 METHOD INCLUDING SECURE  
 WIRELESS PAIRING SYSTEM OR  
 METHOD  
**(51)** Int. Cl.  
**H04W 4/30** ( 2018.01 )  
**(87)** WO2024/244001  
**(43)** 05.12.2024  
**(72)** WU, Wei; ZHANG, Yutong  
**(74)** GLMR
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- (71)** INSINKERATOR LLC  
**(11)** AU-A-2024304996  
**(21)** 2024304996 **(22)** 14.06.2024  
**(54)** ANTIMICROBIAL LED DISPOSER  
 SYSTEM AND METHOD  
**(51)** Int. Cl.  
**E03C 1/266** ( 2006.01 )  
**A61L 2/10** ( 2006.01 )  
**(87)** WO2024/259308  
**(31)** 63/521,165 **(32)** 15.06.23 **(33)** US  
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**(43)** 19.12.2024  
**(72)** WOLF, Eric; WINSLOW, Cori; CIEMNY,  
 Jonas; FARAGO, Charles A.  
**(74)** GLMR
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- (71)** INTERDIGITAL CE PATENT HOLD-  
 INGS, SAS  
**(11)** AU-A-2024303327  
**(21)** 2024303327 **(22)** 10.06.2024  
**(54)** TEXTURE TARGETS IN SCENE DE-  
 SCRIPTON  
**(51)** Int. Cl.  
**G06T 15/04** ( 2011.01 )  
**G06T 9/00** ( 2006.01 )  
**H04N 19/597** ( 2014.01 )  
**(87)** WO2024/256340  
**(31)** 23305963.3 **(32)** 16.06.23 **(33)** EP  
**(43)** 19.12.2024  
**(72)** GOSSELIN, Philippe Henri; COVA  
 REGATEIRO, João Pedro; LE CLERC,  
 Francois  
**(74)** FB Rice Pty Ltd
- 
- (71)** INTER EARTH PTY LTD  
**(11)** AU-A-2024269180  
**(21)** 2024269180 **(22)** 06.05.2024  
**(54)** A SYSTEM AND METHOD FOR BIO-  
 MASS CARBON DIOXIDE SEQUEST-  
 RATION  
**(51)** Int. Cl.  
**F26B 25/22** ( 2006.01 )  
**A01D 41/06** ( 2006.01 )  
**A01D 45/00** ( 2018.01 )  
**F26B 1/00** ( 2006.01 )  
**F26B 3/28** ( 2006.01 )  
**(87)** WO2024/229516  
**(31)** 2023901354 **(32)** 05.05.23 **(33)** AU  
**(43)** 14.11.2024  
**(72)** CARR, Howard  
**(74)** Inter Earth Pty Ltd
- 
- (71)** ISTESEO 2 LTD  
**(11)** AU-A-2024311304  
**(21)** 2024311304 **(22)** 21.06.2024  
**(54)** JAK INHIBITOR AND IL-6 INHIBITOR  
 COMBINATIONS FOR USE IN THE  
 TREATMENT OF AN INFLAMMATORY  
 OR PROGRESSIVE DISEASE  
**(51)** Int. Cl.  
**A61K 31/63** ( 2006.01 )  
**A61K 31/437** ( 2006.01 )  
**A61K 31/4985** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 31/541** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 1/00** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/02** ( 2006.01 )  
**(87)** WO2024/261314  
**(31)** 2309515.1 **(32)** 23.06.23 **(33)** GB  
**(43)** 26.12.2024  
**(72)** PATEL, Lisa; FOSTER, Martyn Leslie  
**(74)** Forte Intellectual Property Pty Ltd
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- (71)** J. VAN WALRAVEN HOLDING B.V.  
**(11)** AU-A-2024289852  
**(21)** 2024289852 **(22)** 01.07.2024  
**(54)** CHANNEL FASTENER WITH  
 TORQUE-INDUCING ELEMENT

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

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**F16B 37/04** ( 2006.01 )  
**F16B 7/18** ( 2006.01 )
- (87) WO2025/008299  
(31) 2035248 (32) 03.07.23 (33) NL  
(43) 09.01.2025  
(72) JUZAK, Marek; NIJDAM, Frank  
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) JAMF SOFTWARE, LLC  
(11) AU-A-2024284429  
(21) 2024284429 (22) 06.06.2024  
(54) UNIQUE IDENTIFIER ASSIGNATION  
(51) Int. Cl.  
**G06Q 50/20** ( 2012.01 )  
**G06F 21/44** ( 2013.01 )  
**G06F 21/45** ( 2013.01 )  
**G06Q 10/1093** ( 2023.01 )  
**G09B 5/12** ( 2006.01 )  
**G09B 7/06** ( 2006.01 )
- (87) WO2024/254255  
(31) 63/506,415 (32) 06.06.23 (33) US  
(43) 12.12.2024  
(72) BLAKELY, Eric; MAXIM, Aaron;  
FRETHEIM, Jonathan; YURESKO,  
Jonathan  
(74) Spruson & Ferguson
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- (71) JANSSEN BIOTECH, INC.  
(11) AU-A-2024265647  
(21) 2024265647 (22) 02.05.2024  
(54) METHOD OF TREATING ULCERATIVE COLITIS WITH A COMBINATION OF ANTIBODIES TO IL-23 AND TNF ALPHA  
(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**C07K 16/24** ( 2006.01 )
- (87) WO2024/228134  
(31) 63/463,651 (32) 03.05.23 (33) US  
(43) 07.11.2024  
(72) VETTER, Marion; TERRY, Natalie A.;  
ROONEY, Terence; HANS MOORE,  
Meredith; XU, Yan; YEAGER, Barry  
Todd  
(74) Spruson & Ferguson
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- (71) JANSSEN BIOTECH, INC.  
(11) AU-A-2024266663  
(21) 2024266663 (22) 02.05.2024  
(54) METHOD OF TREATING CROHN'S DISEASE WITH A COMBINATION OF ANTIBODIES TO IL-23 AND TNF ALPHA  
(51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 1/04** ( 2006.01 )  
**C07K 16/24** ( 2006.01 )
- (87) WO2024/228135  
(31) 63/463,658 (32) 03.05.23 (33) US  
(43) 07.11.2024  
(72) VETTER, Marion; TERRY, Natalie A.;  
ROONEY, Terence; HANS MOORE,  
Meredith; XU, Yan; YEAGER, Barry  
Todd  
(74) Spruson & Ferguson
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- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY  
(11) AU-A-2024276929  
(21) 2024276929 (22) 17.05.2024  
(54) USE OF STRUCTURE FOR NUCLEIC ACID DELIVERY IN TREATMENT OF HEMATOPOIETIC TUMOR  
(51) Int. Cl.  
**A61K 31/7105** ( 2006.01 )  
**A61K 31/7125** ( 2006.01 )  
**A61K 48/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )  
**C12N 15/10** ( 2006.01 )  
**C12N 15/11** ( 2006.01 )  
**C12N 15/113** ( 2010.01 )  
**C12N 15/87** ( 2006.01 )
- (87) WO2024/242065  
(31) 2023-082728 (32) 19.05.23 (33) JP  
(43) 28.11.2024  
(72) MIYAMOTO Noriko; KITADE Yukio;  
AKAO Yukihiko  
(74) Spruson & Ferguson
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- (71) JAZZ PHARMACEUTICALS IRELAND LTD.  
(11) AU-A-2024272361  
(21) 2024272361 (22) 11.05.2024  
(54) PYRAZOLO[4,3-F]QUINAZOLINE DERIVATIVES AS MODULATORS OF G12D MUTANT KRAS USEFUL FOR THE TREATMENT OF CANCER  
(51) Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/517** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 519/00** ( 2006.01 )
- (87) WO2024/236452  
(31) 2307077.4 (32) 12.05.23 (33) GB  
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(72) JACKSON, Paula; AYLOTT, Helen  
Elizabeth; JONES, Clifford D;  
BHAMRA, Inder; RYAN, James; LENG,  
Daniel J; HO, Kelvin  
(74) WRAYS PTY LTD
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- (71) JFE STEEL CORPORATION  
(11) AU-A-2024339260  
(21) 2024339260 (22) 25.04.2024  
(54) METHOD FOR PRODUCING COKE  
(51) Int. Cl.  
**C10B 57/04** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )
- (87) WO2025/057472  
(31) 2023-148711 (32) 13.09.23 (33) JP  
(43) 20.03.2025  
(72) KAWAI Yuya; TAKASHIMA Takanori  
(74) Davies Collison Cave Pty Ltd
- 
- (71) JFE STEEL CORPORATION  
(11) AU-A-2024339692  
(21) 2024339692 (22) 25.04.2024  
(54) COKE PRODUCTION METHOD  
(51) Int. Cl.  
**C10B 57/04** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )
- (87) WO2025/057470  
(31) 2023-148698 (32) 13.09.23 (33) JP
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- (43) 20.03.2025  
(72) KAWAI Yuya; DOHI Yusuke; TAKASHIMA Takanori; IGAWA Daisuke  
(74) Davies Collison Cave Pty Ltd
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- (71) JFE STEEL CORPORATION  
(11) AU-A-2024343090  
(21) 2024343090 (22) 25.04.2024  
(54) COKE PRODUCTION METHOD  
(51) Int. Cl.  
**C10B 57/04** ( 2006.01 )  
**C10B 53/02** ( 2006.01 )
- (87) WO2025/057471  
(31) 2023-148706 (32) 13.09.23 (33) JP  
(43) 20.03.2025  
(72) KAWAI Yuya; TAKASHIMA Takanori;  
DOHI Yusuke; YAMAMOTO Tetsuya;  
MATSUI Takashi  
(74) Davies Collison Cave Pty Ltd
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- (71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED  
(11) AU-A-2024289300  
(21) 2024289300 (22) 04.06.2024  
(54) STEAM REFORMING  
(51) Int. Cl.  
**C01B 3/38** ( 2006.01 )  
**B01J 23/755** ( 2006.01 )  
**B01J 35/30** ( 2024.01 )  
**C01B 3/40** ( 2006.01 )
- (87) WO2025/008604  
(31) 2310399.7 (32) 06.07.23 (33) GB  
(43) 09.01.2025  
(72) CARLSSON, Mikael Per Uno;  
CHRISTIE, Robert; DAVIES, Michael;  
DAVIS, David Jonathan; MCKENNA,  
Mark Joseph  
(74) Spruson & Ferguson
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- (71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY  
(11) AU-A-2024315466  
(21) 2024315466 (22) 23.07.2024  
(54) RECYCLING OF WASTE SOLID IONOMER COMPONENTS  
(51) Int. Cl.  
**C08J 11/08** ( 2006.01 )  
**B29B 17/00** ( 2006.01 )  
**C08J 5/22** ( 2006.01 )  
**H01M 8/008** ( 2016.01 )
- (87) WO2025/027280  
(31) 63/516,152 (32) 28.07.23 (33) US  
2312187.4 09.08.23 GB  
2314101.3 15.09.23 GB  
(43) 06.02.2025  
(72) DUCHESNE, Denis; GORDON, Ross  
John; HART, Gareth  
(74) Spruson & Ferguson
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- (71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY  
(11) AU-A-2024329942  
(21) 2024329942 (22) 20.06.2024  
(54) A METHOD OF REFINING AND RECYCLING IRIIDIUM  
(51) Int. Cl.  
**C22B 3/10** ( 2006.01 )

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

**C22B 3/44** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )  
**H01M 8/008** ( 2016.01 )  
**(87)** WO2025/046209  
**(31)** 2313235.0 **(32)** 31.08.23 **(33)** GB  
**(43)** 06.03.2025  
**(72)** BUDD, Michael Edward; STANTON, Leigh  
**(74)** Spruson & Ferguson

**(71)** JOHNSON MATTHEY PUBLIC LIMITED COMPANY  
**(11)** AU-A-2024339449  
**(21)** 2024339449 **(22)** 20.06.2024  
**(54)** METHOD OF RECYCLING WASTE IONOMER MEMBRANE  
**(51)** Int. Cl.  
**C22B 3/10** ( 2006.01 )  
**C22B 7/00** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )  
**H01M 8/008** ( 2016.01 )  
**(87)** WO2025/056865  
**(31)** 2313846.4 **(32)** 12.09.23 **(33)** GB  
**(43)** 20.03.2025  
**(72)** BASRA, Shireen Kaur; BURDETT, Harriet; MCCREE-GREY, Jonathan  
**(74)** Spruson & Ferguson

**(71)** JOINT STOCK COMPANY "BIOCAD"  
**(11)** AU-A-2024284408  
**(21)** 2024284408 **(22)** 22.05.2024  
**(54)** MONOCLONAL ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF THAT SPECIFICALLY BINDS TO AXL, AND USE THEREOF  
**(51)** Int. Cl.  
**C07K 16/30** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/40** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**(87)** WO2024/253562  
**(31)** 2023114863 **(32)** 06.06.23 **(33)** RU  
**(43)** 12.12.2024  
**(72)** GORDEEV, Aleksandr Andreevich; PUCHKOVA, Mariia Yurievna; PUTINTCEVA, Iuliia Vladimirovna; PURVINSH, Iana Voldemarovna; DMITRIEVA, Mariia Denisovna; KOCHETKOVA, Alina Sergeevna; VINOGRADOVA, Elena Vladimirovna; MOROZOV, Dmitry Valentinovich  
**(74)** Arceo IP

**(71)** JOVEN, R.  
**(11)** AU-A-2024284576  
**(21)** 2024284576 **(22)** 21.03.2024  
**(54)** A HEATED FOOD CONTAINER  
**(51)** Int. Cl.  
**A45C 11/20** ( 2006.01 )  
**A47J 36/28** ( 2006.01 )  
**A47J 47/14** ( 2006.01 )  
**B65D 81/34** ( 2006.01 )  
**A45C 11/00** ( 2006.01 )  
**A47J 36/00** ( 2006.01 )  
**A47J 36/24** ( 2006.01 )  
**A47J 47/00** ( 2006.01 )  
**B65D 81/00** ( 2006.01 )

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**(31)** 18/328,742 **(32)** 04.06.23 **(33)** US  
**(43)** 12.12.2024  
**(72)** JOVEN, Romeo  
**(74)** Infinity Intellectual Property Limited

**(71)** KANGBAIDA (SICHUAN) BIOTECHNOLOGY CO., LTD.  
**(11)** AU-A-2024286460  
**(21)** 2024286460 **(22)** 05.06.2024  
**(54)** PYRROLOPYRIMIDINE DERIVATIVE AND USE THEREOF IN MEDICINE  
**(51)** Int. Cl.  
**C07D 487/04** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2024/251147  
**(31)** 202310658738.6 **(32)** 05.06.23 **(33)** CN  
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 202410036765.4 10.01.24 CN  
 202410173207.2 07.02.24 CN  
 202410306868.8 18.03.24 CN  
**(43)** 12.12.2024  
**(72)** ZHANG, Jing; WEI, Yonggang; ZHOU, Xibing; CHU, Hongzhu; SUN, Yi  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** KELLOGG BROWN & ROOT, LLC  
**(11)** AU-A-2024281599  
**(21)** 2024281599 **(22)** 30.05.2024  
**(54)** MULTI-TIER INTEGRATED POWER-TO-AMMONIA SYSTEMS  
**(51)** Int. Cl.  
**C01C 1/04** ( 2006.01 )  
**C01B 3/02** ( 2006.01 )  
**C25B 1/042** ( 2021.01 )  
**F25J 3/04** ( 2006.01 )  
**H01M 8/20** ( 2006.01 )  
**(87)** WO2024/249646  
**(31)** 63/505,994 **(32)** 02.06.23 **(33)** US  
**(43)** 05.12.2024  
**(72)** BERNAT, Rafal; BRUNENGO, Paolo; KHURANA, Rohit; BALDINI, Roberto  
**(74)** Spruson & Ferguson

**(71)** KEMIN INDUSTRIES, INC.  
**(11)** AU-A-2024290304  
**(21)** 2024290304 **(22)** 08.07.2024  
**(54)** COMPOSITIONS CONTAINING PEROXYACIDS TO CONTROL PATHOGEN GROWTH IN ANIMAL FEED AND RELATED METHODS  
**(51)** Int. Cl.  
**A23K 20/105** ( 2016.01 )  
**A01N 37/16** ( 2006.01 )  
**A23B 2/742** ( 2025.01 )  
**A23K 10/00** ( 2016.01 )  
**A61P 31/04** ( 2006.01 )  
**(87)** WO2025/010449  
**(31)** 63/525,315 **(32)** 06.07.23 **(33)** US  
**(43)** 09.01.2025  
**(72)** SALAKLANG, Jatuporn; THNG, Agnes Hwee Hong; RAVI, Shashank; CHIRAKKAL, Haridasan  
**(74)** Spruson & Ferguson

**(71)** KEMIRA OYJ  
**(11)** AU-A-2024286818  
**(21)** 2024286818 **(22)** 04.06.2024  
**(54)** STRENGTH AGENT FOR PAPER, BOARD, OR THE LIKE  
**(51)** Int. Cl.  
**D21H 17/24** ( 2006.01 )  
**D21H 21/18** ( 2006.01 )  
**D21H 27/10** ( 2006.01 )  
**(87)** WO2024/252066  
**(31)** 63/471,545 **(32)** 07.06.23 **(33)** US  
 20235962 08.08.23 FI  
**(43)** 12.12.2024  
**(72)** HIETANIEMI, Matti; KORHONEN, Markus; KARPPI, Asko; KONN, Jonas; BEHABTU, Natnael; ADELMAN, Douglas  
**(74)** Davies Collison Cave Pty Ltd

**(71)** KIMBERLY-CLARK WORLDWIDE, INC.  
**(11)** AU-A-2024276564  
**(21)** 2024276564 **(22)** 01.05.2024  
**(54)** ABSORBENT COMPOSITE MATERIALS, ABSORBENT ARTICLES COMPRISING ABSORBENT COMPOSITE MATERIALS, AND METHODS OF MAKING THEREOF  
**(51)** Int. Cl.  
**A61F 13/53** ( 2006.01 )  
**A61L 15/20** ( 2006.01 )  
**A61L 15/42** ( 2006.01 )  
**(87)** WO2024/242838  
**(31)** 63/503,330 **(32)** 19.05.23 **(33)** US  
**(43)** 28.11.2024  
**(72)** SONG, Xuedong; YANG, Kaiyuan; FENG, Biao  
**(74)** Spruson & Ferguson

**(71)** KING'S COLLEGE LONDON  
**(11)** AU-A-2024271840  
**(21)** 2024271840 **(22)** 10.05.2024  
**(54)** THERAPEUTIC COMPOSITION  
**(51)** Int. Cl.  
**A61L 27/22** ( 2006.01 )  
**A61K 38/00** ( 2006.01 )  
**(87)** WO2024/235873  
**(31)** 2307118.6 **(32)** 12.05.23 **(33)** GB  
**(43)** 21.11.2024  
**(72)** GAMEA, Sara; ELSHARKAWY, Sherif  
**(74)** MBIP

**(71)** KOMATSU LTD.  
**(11)** AU-A-2024330120  
**(21)** 2024330120 **(22)** 28.08.2024  
**(54)** CONTROL SYSTEM FOR LOADING MACHINE, CONTROL METHOD FOR LOADING MACHINE, AND REMOTE-CONTROL SYSTEM FOR LOADING MACHINE  
**(51)** Int. Cl.  
**E02F 3/43** ( 2006.01 )  
**(87)** WO2025/047812  
**(31)** 2023-141419 **(32)** 31.08.23 **(33)** JP

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 (72) SAIGO Yusuke; HATAKE Kazuhiro  
 (74) FB Rice Pty Ltd
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- (71) KOMATSU LTD.  
 (11) AU-A-2024331596  
 (21) 2024331596 (22) 28.08.2024  
 (54) CONTROL SYSTEM FOR LOADING MACHINE, CONTROL METHOD FOR LOADING MACHINE, AND REMOTE CONTROL SYSTEM FOR LOADING MACHINE  
 (51) Int. Cl.  
 E02F 3/43 ( 2006.01 )  
 (87) WO2025/047789  
 (31) 2023-141696 (32) 31.08.23 (33) JP  
 (43) 06.03.2025  
 (72) SAIGO Yusuke; HATAKE Kazuhiro  
 (74) FB Rice Pty Ltd
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- (71) KONINKLIJKE DOUWE EGBERTS B.V.  
 (11) AU-A-2024284241  
 (21) 2024284241 (22) 06.06.2024  
 (54) AUTONOMOUS TREATMENT PROCESS AND APPARATUS  
 (51) Int. Cl.  
 A47J 31/40 ( 2006.01 )  
 A47J 31/60 ( 2006.01 )  
 (87) WO2024/251887  
 (31) 2308526.9 (32) 08.06.23 (33) GB  
 (43) 12.12.2024  
 (72) KEMP, Dennis; PATER, Eduard; STANDAAR, Koen  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) KORRO BIO, INC.  
 (11) AU-A-2024287308  
 (21) 2024287308 (22) 15.07.2024  
 (54) RNA-EDITING OLIGONUCLEOTIDES AND USES THEREOF  
 (51) Int. Cl.  
 C12N 15/113 ( 2010.01 )  
 A61K 31/7125 ( 2006.01 )  
 (87) WO2025/015335  
 (31) 63/513,526 (32) 13.07.23 (33) US  
 (43) 16.01.2025  
 (72) KRISHNAMURTHY, Venkat; BROWN, Christopher; MOYER, Tyson; PUTTA, Mallikarjuna Reddy; MACIEJEWSKI, Mateusz  
 (74) WRAYS PTY LTD
- 
- (71) KYOTO UNIVERSITY  
 (11) AU-A-2024277885  
 (21) 2024277885 (22) 23.05.2024  
 (54) COMPUTER PROGRAM, INTRACARDIAC ELECTROCARDIOGRAM EVALUATION DEVICE, INTRACARDIAC ELECTROCARDIOGRAM EVALUATION SYSTEM, INTRACARDIAC ELECTROCARDIOGRAM EVALUATION METHOD, AND LEARNING MODEL GENERATION METHOD  
 (51) Int. Cl.  
 A61B 5/346 ( 2021.01 )  
 G16H 10/40 ( 2018.01 )
- G16H 50/30 ( 2018.01 )  
 (87) WO2024/242155  
 (31) 2023-084755 (32) 23.05.23 (33) JP  
 (43) 28.11.2024  
 (72) KOHJITANI, Hirohiko; TANAKA, Munekazu; SHIZUTA, Satoshi; OKUNO, Yasushi  
 (74) AJ PARK
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- (71) L. MOLteni & C. DEI FRATELLI ALITTI - SOCIETA' DI ESERCIZIO S.P.A.  
 (11) AU-A-2024283931  
 (21) 2024283931 (22) 07.06.2024  
 (54) MIXTURE OF 3 ISOMERS OF A PHTHALOCYANINE DERIVATIVE  
 (51) Int. Cl.  
 C07D 487/22 ( 2006.01 )  
 A61K 31/555 ( 2006.01 )  
 A61P 17/00 ( 2006.01 )  
 A61P 31/00 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2024/252344  
 (31) 10202300011709 (32) 08.06.23 (33) IT  
 (43) 12.12.2024  
 (72) RONCUCCI, Gabrio; SOLDAINI, Gianluca; MUNICCHI, Moira; COCCHI, Annalisa  
 (74) MBIP
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- (71) LEAL THERAPEUTICS, INC.  
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 (21) 2024267793 (22) 09.05.2024  
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 (51) Int. Cl.  
 A61K 31/395 ( 2006.01 )  
 A61K 31/166 ( 2006.01 )  
 A61K 31/33 ( 2006.01 )  
 A61K 31/415 ( 2006.01 )  
 A61K 31/4965 ( 2006.01 )  
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 (72) ABELIOVICH, Asa; HECKMAN, Laura; SHI, Xianglin; CHENG, Yunxing; LIU, Xiongcai; ASHWELL, Mark  
 (74) FPA Patent Attorneys Pty Ltd
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- (54) POSITIONING DEVICE FOR POSITIONING A PLURALITY OF SENSOR AND / OR EFFECTOR DEVICES  
 (51) Int. Cl.  
 G01V 8/00 ( 2006.01 )  
 G01J 3/02 ( 2006.01 )  
 G01Q 60/22 ( 2010.01 )  
 G02B 7/00 ( 2021.01 )  
 G02B 23/16 ( 2006.01 )  
 G02B 26/10 ( 2006.01 )  
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 (43) 10.04.2025  
 (72) DE JONG, Roelof  
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- (71) LEPRINO FOODS COMPANY  
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 (54) PRE-ACIDIFIED WHEY PROTEIN ISOLATE AND METHODS OF MAKING  
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 A23J 3/08 ( 2006.01 )  
 A23J 1/20 ( 2006.01 )  
 A23L 2/02 ( 2006.01 )  
 A23L 33/19 ( 2016.01 )  
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- (71) LG ELECTRONICS INC.  
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 (54) HAIR DRYER AND CONTROL METHOD FOR SAME  
 (51) Int. Cl.  
 A45D 20/12 ( 2006.01 )  
 G06F 3/041 ( 2006.01 )  
 G06F 3/0484 ( 2022.01 )  
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 (21) 2024306917 (22) 26.06.2024  
 (54) IMAGE ENCODING/DECODING METHOD, METHOD FOR TRANSMITTING BITSTREAM, AND RECORDING MEDIUM ON WHICH BITSTREAM IS STORED  
 (51) Int. Cl.  
 H04N 19/85 ( 2014.01 )  
 G06N 3/02 ( 2006.01 )  
 H04N 19/117 ( 2014.01 )  
 H04N 19/132 ( 2014.01 )  
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 (74) Dentons Patent Attorneys Australasia Limited

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 (54) BATTERY ENCLOSURE AND ENERGY STORAGE SYSTEM INCLUDING SAME  
 (51) Int. Cl.  
 H01M 50/262 (2021.01)  
 H01M 50/204 (2021.01)  
 H01M 50/251 (2021.01)

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 (21) 2024391534 (22) 14.11.2024  
 (54) Battery enclosure and energy storage system including the same  
 (51) Int. Cl.  
 H01M 50/298 (2021.01)  
 H01M 10/42 (2006.01)  
 H01M 50/204 (2021.01)  
 H01M 50/251 (2021.01)

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 (21) 2025232370 (22) 27.02.2025  
 (54) ENERGY STORAGE DEVICE COMPRISING BATTERY MODULES  
 (51) Int. Cl.  
 H01M 50/211 (2021.01)  
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 (54) APPARATUS AND METHOD FOR CONTROLLING BATTERY  
 (51) Int. Cl.

H02J 7/00 (2006.01)  
 G01R 19/165 (2006.01)  
 G01R 31/382 (2019.01)  
 H01M 10/44 (2006.01)

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(71) LIFEACTIVE, INC.  
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 (51) Int. Cl.

A61K 47/12 (2006.01)  
 A61K 9/06 (2006.01)  
 A61K 45/06 (2006.01)  
 C07C 59/08 (2006.01)  
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 (54) SOLAR CELL STRING AND PHOTOVOLTAIC MODULE  
 (51) Int. Cl.

H10F 19/10 (2025.01)  
 H02S 40/36 (2014.01)  
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 (54) ANTIBODIES AND USES THEREOF  
 (51) Int. Cl.  
 C07K 16/28 (2006.01)  
 A61P 35/00 (2006.01)  
 C07K 16/30 (2006.01)  
 C07K 16/46 (2006.01)

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 (54) STRETCHABLE FABRICS AND RELATED USES  
 (51) Int. Cl.  
 D04H 1/00 (2006.01)  
 A41D 1/00 (2018.01)  
 A41D 31/00 (2019.01)  
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) MAGVAD LLC  
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 (54) MAGNETIC DRIVE APPARATUS FOR TRANSLATING ROTATIONAL MOTION TO NUTATIONAL MOTION  
 (51) Int. Cl.  
 A61M 60/20 (2021.01)  
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 A61M 60/205 (2021.01)  
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 A61M 60/459 (2021.01)  
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 F04B 43/12 (2006.01)  
 F04B 45/08 (2006.01)  
 H02K 41/06 (2006.01)  
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 (51) Int. Cl.  
 H05B 47/11 (2020.01)  
 H04W 4/80 (2018.01)  
 H05B 47/16 (2020.01)  
 H05B 47/17 (2020.01)  
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 B65B 3/02 (2006.01)  
 B65B 43/30 (2006.01)  
 B65B 43/54 (2006.01)  
 B65B 61/24 (2006.01)

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**(51)** Int. Cl.  
**A21D 13/047** ( 2017.01 )  
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**A23L 7/10** ( 2016.01 )  
**A23L 7/143** ( 2016.01 )  
**B02B 1/04** ( 2006.01 )  
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**B02C 7/18** ( 2006.01 )  
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**(74)** FPA Patent Attorneys Pty Ltd

**(71)** MATIV LUXEMBOURG  
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**E06B 9/24** ( 2006.01 )  
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**(74)** GLMR

**(71)** MAXEON SOLAR PTE. LTD.  
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**(54)** SOLAR CELL WITH CELL ARCHITECTURE DESIGNED FOR REDUCED CARRIER RECOMBINATION

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**H01L 23/00** ( 2006.01 )  
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**(54)** PLANT ENZYMES WITH IMPROVED ACTIVITY  
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**C12N 9/00** ( 2006.01 )  
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**(72)** ERB, Tobias; MARCHAL, Daniel  
**(74)** Spruson & Ferguson

**(71)** MBDA UK LIMITED  
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**(54)** METHOD AND APPARATUS FOR DETERMINING A LOCATION OF A PLATFORM  
**(51)** Int. Cl.  
**G06T 7/73** ( 2017.01 )

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**(72)** LOWE, Antony Joseph Frank  
**(74)** Davies Collison Cave Pty Ltd

**(71)** MERCK SHARP & DOHME LLC  
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**(21)** 2024270736 **(22)** 16.05.2024  
**(54)** COMPOUNDS AND FORMULATIONS USEFUL AS VACCINE ADJUVANTS  
**(51)** Int. Cl.  
**A61K 31/395** ( 2006.01 )  
**A61K 31/33** ( 2006.01 )  
**A61K 31/415** ( 2006.01 )  
**A61K 31/505** ( 2006.01 )

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**(43)** 21.11.2024  
**(72)** AHL, Patrick L.; MANLEY, Peter J.; RAHEEM, Izzat T.; SEGANISH, W. Michael; SMITH, William J.  
**(74)** Spruson & Ferguson

**(71)** MERCK SHARP & DOHME LLC  
**(11)** AU-A-2024271872  
**(21)** 2024271872 **(22)** 16.05.2024  
**(54)** COMPOUNDS AND ADJUVANT FORMULATIONS USEFUL IN PNEUMOCOCCAL VACCINES  
**(51)** Int. Cl.  
**A61K 31/551** ( 2006.01 )  
**A61K 31/519** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**A61K 47/54** ( 2017.01 )  
**A61K 47/64** ( 2017.01 )  
**A61P 11/00** ( 2006.01 )

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**(72)** AHL, Patrick L.; MANLEY, Peter J.; RAHEEM, Izzat T.; SEGANISH, W. Michael; SMITH, William J.  
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**(11)** AU-A-2024270108  
**(21)** 2024270108 **(22)** 08.05.2024  
**(54)** APPARATUS, SLEEVE AND METHOD FOR HOLDING VIALS COMPRISING LABEL RETAINER  
**(51)** Int. Cl.  
**A01N 1/10** ( 2025.01 )  
**A61B 50/20** ( 2016.01 )

**A61B 90/90** ( 2016.01 )  
**A61J 1/16** ( 2023.01 )  
**B01L 3/00** ( 2006.01 )  
**B65D 23/08** ( 2006.01 )  
**B65D 25/20** ( 2006.01 )  
**G09F 3/00** ( 2006.01 )  
**G09F 7/00** ( 2006.01 )  
**(87)** WO2024/231847  
**(31)** 2023901384 **(32)** 08.05.23 **(33)** AU  
**(43)** 14.11.2024  
**(72)** DAVIDZON, Normand  
**(74)** FB Rice Pty Ltd

**(71)** MESO SCALE TECHNOLOGIES, LLC.  
**(11)** AU-A-2024283907  
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**(54)** METHODS FOR ANALYZING A SAMPLE  
**(51)** Int. Cl.  
**C12Q 1/6804** ( 2018.01 )  
**(87)** WO2024/254169  
**(31)** 63/506,573 **(32)** 06.06.23 **(33)** US  
 63/595,551 02.11.23 US  
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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** METROPOLIS IP HOLDINGS, LLC  
**(11)** AU-A-2024285507  
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**(54)** MACHINE LEARNING SOLUTIONS FOR MATCHING OF VEHICLE EXIT TO UNMATCHED ENTRY EVENTS  
**(51)** Int. Cl.  
**G01C 21/20** ( 2006.01 )  
**G01C 21/36** ( 2006.01 )  
**G01C 21/00** ( 2006.01 )  
**G08G 1/14** ( 2006.01 )

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**(74)** Pizzeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** METSO USA INC.  
**(11)** AU-A-2024284184  
**(21)** 2024284184 **(22)** 08.05.2024  
**(54)** ROLLER CRUSHER AND A METHOD FOR OPERATING THE SAME

**(51)** Int. Cl.  
**B02C 4/28** ( 2006.01 )  
**B02C 4/40** ( 2006.01 )  
**(87)** WO2024/253791  
**(31)** 18/330,529 **(32)** 07.06.23 **(33)** US  
**(43)** 12.12.2024  
**(72)** SANTOS, Kristen; MAYFIELD, Nicholas, Joseph; BUBLITZ, Julian;

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

**(71)** METSO USA INC.  
**(11)** AU-A-2024286062  
**(21)** 2024286062 **(22)** 08.05.2024  
**(54)** ROLLER CRUSHER COMPRISING SCRAPER DEVICE, SCRAPER DEVICE FOR SAID ROLLER CRUSHER AND METHOD OF OPERATION OF SAID ROLLER CRUSHER  
**(51)** Int. Cl.  
*B02C 4/40* ( 2006.01 )  
*B02C 4/28* ( 2006.01 )  
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**(31)** 18/330,532 **(32)** 07.06.23 **(33)** US  
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**(72)** SANTOS, Kristen; MAYFIELD, Nicholas, Joseph; BUBLITZ, Julian; SCHUERMAN, Brandon; REZN-ITCHENKO, Vadim  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** MIMAKI ENGINEERING CO., LTD.  
**(11)** AU-A-2024285996  
**(21)** 2024285996 **(22)** 05.06.2024  
**(54)** IMAGE APPLICATION SYSTEM FOR APPLYING IMAGE TO AT LEAST PART OF REGION IN WIDTH DIRECTION OF TRANSFER TARGET, AND IMAGE APPLICATION SYSTEM FOR APPLYING IMAGE TO FABRIC  
**(51)** Int. Cl.  
*B41M 5/00* ( 2006.01 )  
*B41J 2/01* ( 2006.01 )  
*B41M 5/52* ( 2006.01 )  
*B44C 1/17* ( 2006.01 )  
*C09D 11/32* ( 2014.01 )  
*C09D 11/322* ( 2014.01 )  
*D06P 1/44* ( 2006.01 )  
*D06P 5/24* ( 2006.01 )  
*D06P 5/30* ( 2006.01 )  
**(87)** WO2024/253124  
**(31)** 2023-092772 **(32)** 05.06.23 **(33)** JP  
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**(72)** TAKIZAWA, Tomohiko; HIDA, Yasuhiro; USUI, Nobuyasu; WATANABE, Naoshi; HAYASHI, Hirokazu  
**(74)** Collison & Co

**(71)** MIRUS BIO LLC  
**(11)** AU-A-2024265723  
**(21)** 2024265723 **(22)** 01.05.2024  
**(54)** SMALL MOLECULE ENHANCERS FOR ADENO-ASSOCIATED VIRUS PRODUCTION  
**(51)** Int. Cl.  
*C12N 15/86* ( 2006.01 )  
*C12N 15/85* ( 2006.01 )  
*C07K 14/005* ( 2006.01 )  
**(87)** WO2024/229131  
**(31)** 63/499,618 **(32)** 02.05.23 **(33)** US

**(43)** 07.11.2024  
**(72)** JUCKEM, Laura; REESE, Rebecca Mary; STORCK, Austin Steven; SWANSON, Jennifer  
**(74)** Davies Collison Cave Pty Ltd

**(71)** MITSUBISHI HEAVY INDUSTRIES, LTD.; THE KANSAI ELECTRIC POWER CO., INC.  
**(11)** AU-A-2023460666  
**(21)** 2023460666 **(22)** 10.08.2023  
**(54)** COMPOSITE AMINE ABSORBENT  
**(51)** Int. Cl.  
*B01D 53/14* ( 2006.01 )  
*B01D 53/52* ( 2006.01 )  
*B01D 53/62* ( 2006.01 )  
*B01D 53/78* ( 2006.01 )  
*C01B 32/50* ( 2017.01 )  
**(87)** WO2025/032794  
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**(72)** TANAKA Hiroshi; HIRATA Takuya; TSUJIUCHI Tatsuya; SUGIURA Takuya; KAMIJO Takashi; USHIKU Tetsu; NOBORISATO Tomoki; HIGASHINO Koji  
**(74)** Davies Collison Cave Pty Ltd

**(71)** MITSUBISHI HEAVY INDUSTRIES, LTD.  
**(11)** AU-A-2024301280  
**(21)** 2024301280 **(22)** 14.06.2024  
**(54)** CO2 RECOVERY DEVICE  
**(51)** Int. Cl.  
*B01D 53/62* ( 2006.01 )  
**(87)** WO2025/022862  
**(31)** 18/359,293 **(32)** 26.07.23 **(33)** US  
**(43)** 30.01.2025  
**(72)** MIYAMOTO Osamu; MATSUKAWA Kyohai; NAGAYASU Hiromitsu; SUGITA Satoru; SHIMADA Daisuke  
**(74)** Davies Collison Cave Pty Ltd

**(71)** MOEDANO LARA, R.F.  
**(11)** AU-A-2024281012  
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**(54)** METHOD FOR OBTAINING A CRYSTALLISED FOETAL BOVINE SERUM WITH AGMATINE  
**(51)** Int. Cl.  
*C12N 5/02* ( 2006.01 )  
*B01J 19/06* ( 2006.01 )  
**(87)** WO2024/246625  
**(31)** MX/a/2023/006528 **(32)** 01.06.23 **(33)** MX  
**(43)** 05.12.2024  
**(72)** MOEDANO LARA, Raúl Francisco  
**(74)** Madderns Pty Ltd

**(71)** MOLECULAR PARTNERS AG  
**(11)** AU-A-2024286934  
**(21)** 2024286934 **(22)** 04.06.2024  
**(54)** RECOMBINANT CD2 BINDING PROTEINS AND THEIR USE  
**(51)** Int. Cl.  
*C07K 16/28* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*C07K 14/705* ( 2006.01 )

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**(31)** 63/471,483 **(32)** 06.06.23 **(33)** US  
**(43)** 12.12.2024  
**(72)** RIESENBERG, Stefanie; CROOK, Kenneth; RESCHKE, Nina; MÜLLER, Mischa Roland  
**(74)** Griffith Hack

**(71)** MOTOROLA SOLUTIONS, INC.  
**(11)** AU-A-2024303912  
**(21)** 2024303912 **(22)** 17.05.2024  
**(54)** VOICE INTERCOM SYSTEM AND METHOD THEREFOR  
**(51)** Int. Cl.  
*H04M 3/493* ( 2006.01 )  
*H04M 7/00* ( 2006.01 )  
*H04M 11/02* ( 2006.01 )  
**(87)** WO2024/258557  
**(31)** 18/334,774 **(32)** 14.06.23 **(33)** US  
**(43)** 19.12.2024  
**(72)** LANE, Nathan D.; GOLDMAN, Neil; SMIDLEIN, William; KAZERANI, Alexander; SHAHBAZI, Behnam  
**(74)** Spruson & Ferguson

**(71)** N.V. NUTRICIA  
**(11)** AU-A-2024270092  
**(21)** 2024270092 **(22)** 06.05.2024  
**(54)** NUTRITIONAL COMPOSITION WITH GALACTOSE FOR INFANTS OR YOUNG CHILDREN  
**(51)** Int. Cl.  
*A23C 9/20* ( 2006.01 )  
*A23L 29/30* ( 2016.01 )  
*A23L 33/00* ( 2016.01 )  
*A61P 3/04* ( 2006.01 )  
*A61P 37/00* ( 2006.01 )  
**(87)** WO2024/231340  
**(31)** 23171858.6 **(32)** 05.05.23 **(33)** EP  
**(43)** 14.11.2024  
**(72)** RAKHSHANDEHROO, Maryam; SCHOEMAN-GLIZIAKIS, Irini; VAN SCHOTHORST, Evert Matthijs  
**(74)** Griffith Hack

**(71)** NANTONG JIANGSHAN AGROCHEMICAL & CHEMICALS CO., LTD.; JIANGSHAN (YICHANG) CROP TECHNOLOGY CO., LTD.  
**(11)** AU-A-2024411279  
**(21)** 2024411279 **(22)** 04.12.2024  
**(54)** NEW CRYSTAL FORM OF ISOXAZOLINE URACIL COMPOUND, PREPARATION METHOD, AND HERBICIDE AND USE  
**(51)** Int. Cl.  
*C07D 413/10* ( 2006.01 )  
*A01N 43/80* ( 2006.01 )  
*A01P 13/00* ( 2006.01 )  
**(87)** WO2025/139671  
**(31)** 202311851631.X **(32)** 28.12.23 **(33)** CN  
**(43)** 03.07.2025  
**(72)** WANG, Li; DONG, Lei; DU, Hui; XU, Wei  
**(74)** A.P.T. Patent and Trade Mark Attorneys

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 (54) A FERTILIZER COMPOSITION  
 (51) Int. Cl.  
*C05C 9/00* ( 2006.01 )  
*B82Y 40/00* ( 2011.01 )  
*C05B 7/00* ( 2006.01 )  
*C05G 3/00* ( 2020.01 )  
*C05G 5/30* ( 2020.01 )  
 (87) WO2025/003952  
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 (43) 02.01.2025  
 (72) KUMAR, Dharendra; PUTTASWAMY, Rekha; KAROSIYA, Arti  
 (74) Churchill Attorneys

(71) NEWCREST MINING LIMITED

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 (21) 2024284490 (22) 05.06.2024  
 (54) STEEP PIT WALL MINING  
 (51) Int. Cl.  
*E21C 41/26* ( 2006.01 )  
*E02D 17/20* ( 2006.01 )  
*E02D 29/02* ( 2006.01 )  
*F42D 5/00* ( 2006.01 )  
 (87) WO2024/250062  
 (31) 2023901772 (32) 05.06.23 (33) AU  
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 (72) AGGREY, Philips Daniels  
 (74) Griffith Hack

(71) NFTS & FREQUENCIES PTY LTD

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 (21) 2024273449 (22) 15.05.2024  
 (54) DISTRIBUTED LEDGER SYSTEM AND METHOD  
 (51) Int. Cl.  
*G06Q 20/38* ( 2012.01 )  
*G06F 16/182* ( 2019.01 )  
*G06F 21/10* ( 2013.01 )  
*G06F 21/64* ( 2013.01 )  
*G06Q 30/0601* ( 2023.01 )  
*G10L 21/14* ( 2013.01 )  
*H04L 9/00* ( 2022.01 )  
*H04L 9/32* ( 2006.01 )  
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 (43) 21.11.2024  
 (72) WILSON, Lachlan  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) NIPPON STEEL CORPORATION

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 (54) WOUND IRON CORE AND METHOD FOR MANUFACTURING SAME  
 (51) Int. Cl.  
*H01F 27/245* ( 2006.01 )  
*H01F 41/02* ( 2006.01 )  
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 (43) 05.12.2024  
 (72) MIZUMURA, Takahito; MOGI, Hisashi; TAKAHASHI, Masaru  
 (74) Spruson & Ferguson

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 (21) 2024281976 (22) 31.05.2024  
 (54) WOUND IRON CORE AND METHOD FOR MANUFACTURING SAME  
 (51) Int. Cl.  
*H01F 27/245* ( 2006.01 )  
*H01F 41/02* ( 2006.01 )  
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 (31) 2023-090265 (32) 31.05.23 (33) JP  
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 (54) OPTICAL PANEL  
 (51) Int. Cl.  
*G02B 6/46* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (54) USER EQUIPMENT CONFIGURED FOR CONDITIONAL HANDOVER WITH DUAL CONNECTIVITY  
 (51) Int. Cl.  
*H04W 36/00* ( 2009.01 )  
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 (54) LOOKUP TABLE BASED DECODER SIDE INTRA MODE DERIVATION  
 (51) Int. Cl.  
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*H04N 19/176* ( 2014.01 )  
*H04N 19/593* ( 2014.01 )  
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 (72) AMINLOU, Alireza  
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(71) NORTHROP GRUMMAN SYSTEMS CORPORATION

- (11) AU-A-2024288293  
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 (54) THERMAL REGULATING DEVICE  
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*H05K 7/20* ( 2006.01 )  
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 (74) GLMR

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 (54) SODIUM CHANNEL BLOCKERS  
 (51) Int. Cl.  
*C07D 401/04* ( 2006.01 )  
*A61K 31/41* ( 2006.01 )  
*A61K 31/415* ( 2006.01 )  
*A61K 31/4164* ( 2006.01 )  
*A61K 31/4192* ( 2006.01 )  
*A61K 31/4196* ( 2006.01 )  
*A61P 9/04* ( 2006.01 )  
*A61P 9/06* ( 2006.01 )  
*A61P 9/08* ( 2006.01 )  
*A61P 9/10* ( 2006.01 )  
*C07D 231/02* ( 2006.01 )  
*C07D 233/00* ( 2006.01 )  
*C07D 249/02* ( 2006.01 )  
*C07D 249/04* ( 2006.01 )  
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(71) NOVELIS INC.

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 (54) FORCE MEASUREMENT DURING CAN END SHELL FORMING  
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*B21D 37/00* ( 2006.01 )  
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**G06Q 20/36** ( 2012.01 )  
**G06Q 20/06** ( 2012.01 )  
**G06Q 20/40** ( 2012.01 )  
**H04L 9/32** ( 2006.01 )  
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(21) 2024276412 (22) 19.05.2024  
(54) DETECTING METHYLATION CHANGES IN DNA SAMPLES USING RESTRICTION ENZYMES AND HIGH THROUGHPUT SEQUENCING  
(51) Int. Cl.  
**C12Q 1/683** ( 2018.01 )  
**C12N 9/14** ( 2006.01 )  
**C12Q 1/6858** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
**G01N 33/49** ( 2006.01 )  
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(54) BIFUNCTIONAL AZINES CONJUGATES AS SELECTIVE DEGRADERS OF SMARCA2 AND THERAPEUTIC USES THEREOF  
(51) Int. Cl.  
**C07D 401/14** ( 2006.01 )  
**A61K 31/501** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07D 413/14** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 471/10** ( 2006.01 )  
**C07D 487/08** ( 2006.01 )  
**C07D 487/10** ( 2006.01 )  
**C07D 491/107** ( 2006.01 )  
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**C07D 519/00** ( 2006.01 )  
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(74) Blue Penguin IP Ltd
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**B67B 7/04** ( 2006.01 )  
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(54) SELF-ADJUSTING SUSPENSION SYSTEMS FOR INTRAOCULAR LENSES  
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**A61F 2/16** ( 2006.01 )  
**A61F 9/007** ( 2006.01 )  
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(54) METHODS AND SYSTEMS FOR TRACKING TISSUE MOTION USING COVARIANCE AND ANTIALIAS PARAMETRIC TOOLS  
(51) Int. Cl.  
**A61B 8/00** ( 2006.01 )  
**G16H 50/20** ( 2018.01 )  
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(72) MOEHRING, Mark A.; KESSLER, Andrew S.; BOHLIN, Charles M.  
(74) AJ PARK
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- (71) OTSUKA PHARMACEUTICAL FACTORY, INC.  
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(54) AGENT FOR PROMOTING ENERGY CONSUMPTION  
(51) Int. Cl.  
**A61K 31/4015** ( 2006.01 )  
**A23L 33/10** ( 2016.01 )  
**A61P 3/00** ( 2006.01 )  
**A61P 3/04** ( 2006.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 21/00** ( 2006.01 )  
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(54) GLASS GOB DELIVERY SYSTEM  
(51) Int. Cl.  
**C03B 7/00** ( 2006.01 )  
**C03B 7/14** ( 2006.01 )  
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**C03B 7/16** ( 2006.01 )  
**C03B 40/04** ( 2006.01 )  
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(54) MOLTEN GLASS TRANSPORT SYSTEMS AND METHODS  
(51) Int. Cl.  
**C03B 7/14** ( 2006.01 )  
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(51) Int. Cl.  
**C03B 7/14** ( 2006.01 )  
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(54) MOLTEN GLASS DELIVERY FUNNEL WITH GAS PERMEABLE CONDUIT

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(54) BATTERY MANAGEMENT SYSTEM AND METHOD WITH AUXILIARY POWER SOURCE  
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**H02J 7/00** ( 2006.01 )
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(21) 2024302344 (22) 11.06.2024  
(54) METHOD FOR STABILIZING RNA  
(51) Int. Cl.  
**C12N 15/67** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
**C07K 14/245** ( 2006.01 )  
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- (87) WO2024/256962  
(31) 63/508,060 (32) 14.06.23 (33) US  
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(54) DROPLET DELIVERY DEVICE IMPLEMENTING AI  
(51) Int. Cl.  
**A24F 47/00** ( 2020.01 )  
**G16H 20/13** ( 2018.01 )
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- (54) EXTRUSION APPARATUS FOR TURF FIBER MONOFILAMENT  
(51) Int. Cl.  
**D01D 5/253** ( 2006.01 )  
**D01D 4/02** ( 2006.01 )  
**D01D 5/32** ( 2006.01 )  
**D01D 5/34** ( 2006.01 )  
**D01F 6/04** ( 2006.01 )  
**D01F 8/06** ( 2006.01 )  
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(54) A SYSTEM FOR AND METHOD OF MONITORING A GAS COMPONENT  
(51) Int. Cl.  
**G01N 33/00** ( 2006.01 )  
**B01D 53/04** ( 2006.01 )  
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**B01D 53/75** ( 2006.01 )  
**G01N 1/22** ( 2006.01 )  
**G01N 21/31** ( 2006.01 )  
**G01N 27/404** ( 2006.01 )
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**D21J 3/10** ( 2006.01 )  
**D21J 7/00** ( 2006.01 )
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(74) MBIP
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(54) TRANSFER DEVICE  
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(21) 2024262040 (22) 25.02.2024  
(54) WEBSITE/APPLICATION /METHOD /SYSTEM TO INTEGRATE NON-PROFIT FOUNDATION SERVICES WITH CLINICS/DIAGNOSTIC CENTRES/HOSPITALS FOR PATIENT-BOOKING, REAL-TIME MONITORING TILL DISCHARGE PROVIDE ASSISTANCE  
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**G06G 10/02** ( 2012.01 )  
**G06Q 50/26** ( 2024.01 )  
**G16H 40/20** ( 2018.01 )
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(72) PUROHIT LAXMINARAYAN, Narendra  
(74) LAMINAR IP PTY LTD
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(54) ASSEMBLABLE PUMP SYSTEM AND RELATED METHODS  
(51) Int. Cl.  
**A61M 60/802** ( 2021.01 )  
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**A61M 60/81** ( 2021.01 )  
**F04D 13/06** ( 2006.01 )  
**F04D 13/12** ( 2006.01 )
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**C12N 15/113** ( 2010.01 )

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**A61P 13/12** ( 2006.01 )  
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**(72)** GRAINOK, Janya; STIRNWEISS, Anja  
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**G01C 19/00** ( 2013.01 )  
**G01P 15/08** ( 2006.01 )  
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**H04L 9/40** ( 2022.01 )  
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**G06T 7/80** ( 2017.01 )  
**H04N 17/00** ( 2006.01 )  
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**B60T 7/20** ( 2006.01 )  
**B60D 1/24** ( 2006.01 )  
**B60D 1/30** ( 2006.01 )  
**B60D 1/62** ( 2006.01 )  
**B60T 8/17** ( 2006.01 )  
**B60T 8/18** ( 2006.01 )  
**B60T 8/24** ( 2006.01 )  
**B60T 8/32** ( 2006.01 )  
**B60W 40/114** ( 2012.01 )  
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**(74)** PHILLIPS ORMONDE FITZPATRICK
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**(51)** Int. Cl.  
**B60G 9/02** ( 2006.01 )  
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**A61M 5/20** ( 2006.01 )  
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**C12N 15/63** ( 2006.01 )  
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**H02K 47/00** ( 2006.01 )  
**F16H 49/00** ( 2006.01 )  
**F16H 57/02** ( 2012.01 )  
**H02K 7/116** ( 2006.01 )  
**H02K 49/10** ( 2006.01 )  
**H02K 51/00** ( 2006.01 )  
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**H02M 7/54** ( 2006.01 )  
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**A61B 17/32** ( 2006.01 )  
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**G06Q 30/02** ( 2023.01 )  
**G06F 3/048** ( 2013.01 )  
**G06F 16/2457** ( 2019.01 )  
**G06F 16/48** ( 2019.01 )  
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A47C 9/04 ( 2006.01 )  
A61M 1/06 ( 2006.01 )  
A61G 15/00 ( 2006.01 )
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A61K 31/504 ( 2006.01 )  
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A61P 11/00 ( 2006.01 )  
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E01C 11/18 ( 2006.01 )  
E01C 5/20 ( 2006.01 )  
E01C 7/14 ( 2006.01 )  
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B64F 5/60 ( 2017.01 )  
B64F 5/40 ( 2017.01 )  
F04C 15/00 ( 2006.01 )
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B25J 11/00 ( 2006.01 )  
B02C 17/22 ( 2006.01 )  
B02C 23/00 ( 2006.01 )  
B23P 19/00 ( 2006.01 )  
B25J 5/00 ( 2006.01 )  
B25J 9/14 ( 2006.01 )  
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B25J 15/00 ( 2006.01 )  
B25J 15/02 ( 2006.01 )  
B25J 15/10 ( 2006.01 )  
B25J 17/02 ( 2006.01 )  
B25J 18/00 ( 2006.01 )  
B65D 19/00 ( 2006.01 )  
B65D 19/44 ( 2006.01 )  
B66C 1/42 ( 2006.01 )
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A61K 9/51 ( 2006.01 )  
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A61K 31/337 ( 2006.01 )  
A61L 31/16 ( 2006.01 )
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G05D 1/617 ( 2024.01 )  
E02F 1/00 ( 2006.01 )  
E02F 9/20 ( 2006.01 )  
G05D 107/70 ( 2024.01 )  
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G05D 1/639 ( 2024.01 )  
G05D 1/698 ( 2024.01 )  
G05D 107/70 ( 2024.01 )  
G05D 109/10 ( 2024.01 )
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**E04B 1/00** ( 2006.01 )  
**E04H 6/02** ( 2006.01 )  
**F24F 12/00** ( 2006.01 )  
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**G01C 21/00** ( 2006.01 )  
**F21S 8/08** ( 2006.01 )  
**G08G 1/01** ( 2006.01 )
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 (54) BELT DRIVE SYSTEM
- (51) Int. Cl.  
**F02B 67/06** ( 2006.01 )  
**A01D 41/08** ( 2006.01 )  
**A01D 41/10** ( 2006.01 )  
**A01D 41/127** ( 2006.01 )  
**A01D 43/10** ( 2006.01 )  
**F16H 9/04** ( 2006.01 )  
**F16H 55/36** ( 2006.01 )
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- (74) Integrated IP
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**C02F 1/00** ( 2023.01 )  
**C02F 11/123** ( 2019.01 )
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**G06Q 50/08** ( 2012.01 )
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 (54) TRANSMISSION TOWER
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**E04H 12/00** ( 2006.01 )  
**E04H 12/24** ( 2006.01 )  
**H02G 7/02** ( 2006.01 )  
**H02G 7/05** ( 2006.01 )  
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 (54) CLEANING APPARATUS
- (51) Int. Cl.  
**A47L 11/30** ( 2006.01 )  
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**A63B 67/02** ( 2006.01 )  
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**A47L 11/10** ( 2006.01 )  
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**G05D 1/24** ( 2024.01 )  
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**A47L 11/28** ( 2006.01 )  
**A47L 11/30** ( 2006.01 )  
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- (74) Allens Patent & Trade Mark Attorneys
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 B08B 13/00 (2006.01)  
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 A61K 31/5025 (2006.01)  
 A61P 35/00 (2006.01)  
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 G06F 21/32 (2013.01)  
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 B01L 3/00 (2006.01)  
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*B01J 20/20* ( 2006.01 )  
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 (54) METHODS AND COMPOSITIONS FOR THE PRODUCTION OF GLYOXAL  
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*B44C 3/04* ( 2006.01 )  
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 (51) Int. Cl.  
*C02F 1/00* ( 2023.01 )  
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*A23L 5/00* ( 2016.01 )  
*A61K 47/14* ( 2017.01 )  
*A61K 47/24* ( 2006.01 )  
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*A23L 2/00* ( 2006.01 )  
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*C09C 3/00* ( 2006.01 )  
*C09C 3/04* ( 2006.01 )  
*C09C 3/06* ( 2006.01 )  
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 (11) AU-A-2024265282  
 (21) 2024265282 (22) 01.05.2024  
 (54) RESPONSE-BASED DOSING FOR TREATING CANCER WITH A HY-POMETHYLATING AGENT AND CEDAZURIDINE  
 (51) Int. Cl.  
*A61K 31/395* ( 2006.01 )  
*C07D 405/02* ( 2006.01 )  
*C07D 405/04* ( 2006.01 )  
*C07H 19/06* ( 2006.01 )  
*A61K 31/33* ( 2006.01 )  
*C07H 19/04* ( 2006.01 )
- (87) WO2024/229073  
 (31) 63/499,604 (32) 02.05.23 (33) US
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 (72) KEER, Harold; OGANESIAN, Aram; DAO, Kim-Hien  
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 (11) AU-A-2024307787  
 (21) 2024307787 (22) 27.06.2024  
 (54) TREATMENT METHODS FOR SUBJECTS WITH NON-SMALL CELL LUNG CANCER HAVING AN ABERRATION IN EGFR  
 (51) Int. Cl.  
*A61K 31/519* ( 2006.01 )  
*A61K 33/243* ( 2019.01 )  
*A61P 35/00* ( 2006.01 )
- (87) WO2025/006697  
 (31) 63/523,518 (32) 27.06.23 (33) US  
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 (43) 02.01.2025  
 (72) JONES, Jeffery; HAYASHI, Kohei; AOYAGI, Yoshimi; WACHECK, Volker  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) TEKNOLOGIAN TUTKIMUSKESKUS VTT OY  
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 (54) SUPERCONDUCTING DEVICE  
 (51) Int. Cl.  
*H10N 69/00* ( 2023.01 )  
*H10N 60/81* ( 2023.01 )  
*H10N 60/01* ( 2023.01 )
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 (72) KAIKKONEN, Jukka-Pekka  
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- (71) TEXTRON SYSTEMS CORPORATION  
 (11) AU-A-2024305360  
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 (54) FLUID POWER ACTUATOR UTILIZING A SCREW ASSEMBLY  
 (51) Int. Cl.  
*F16H 25/20* ( 2006.01 )  
*F15B 15/08* ( 2006.01 )  
*F15B 15/14* ( 2006.01 )  
*F16H 25/22* ( 2006.01 )  
*F16H 25/24* ( 2006.01 )
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 (31) 18/210,864 (32) 16.06.23 (33) US  
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 (72) DESALVO, Thomas James  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) HETEROBIFUNCTIONAL COMPOUNDS AND METHODS OF USE THEREOF

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**A61P 35/00** ( 2006.01 )  
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(74) Davies Collison Cave Pty Ltd
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(54) DNA METHYLATION AND GENE EXPRESSION AS DETERMINANTS OF GENOME-WIDE CELL-FREE DNA FRAGMENTATION  
(51) Int. Cl.  
**C12Q 1/6886** ( 2018.01 )  
**C12Q 1/6869** ( 2018.01 )  
**G16B 20/20** ( 2019.01 )  
**G16B 20/30** ( 2019.01 )  
**G16B 30/10** ( 2019.01 )  
**G16H 50/20** ( 2018.01 )  
**A61P 31/00** ( 2006.01 )  
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(21) 2024277824 (22) 24.05.2024  
(54) SYSTEMS AND METHODS TO REMOVE WASTE CONTAMINANTS FROM ORE CONCENTRATES  
(51) Int. Cl.  
**C22B 15/00** ( 2006.01 )  
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(54) DETECTION OF TUMOR-DERIVED NUCLEIC ACIDS USING RED BLOOD CELLS  
(51) Int. Cl.  
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(54) A METHOD AND SYSTEM FOR SORTING A METAL-COMPRISING OBJECT IN A STREAM OF METAL-COMPRISING OBJECTS  
(51) Int. Cl.  
**B07C 5/342** ( 2006.01 )  
**G01J 3/44** ( 2006.01 )  
**G01N 21/65** ( 2006.01 )  
**G01N 21/71** ( 2006.01 )  
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(72) BALTHASAR, Dirk  
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(21) 2024299289 (22) 12.07.2024  
(54) CONTROL OF EJECTION USING A GASEOUS MEDIA  
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**B07C 5/36** ( 2006.01 )  
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(54) INSPECTION ARRANGEMENT AND METHOD FOR ANALYSING ITEMS  
(51) Int. Cl.  
**G01N 21/27** ( 2006.01 )  
**B07C 5/342** ( 2006.01 )  
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(54) SORTING WITH AUTOMATIC LEARNING  
(51) Int. Cl.
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(72) BALTHASAR, Dirk  
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- (71) TPE MIDSTREAM LLC  
(11) AU-A-2024313178  
(21) 2024313178 (22) 21.06.2024  
(54) GAS ODORIZATION APPARATUS, CONTROL, AND ASSOCIATED METHODS  
(51) Int. Cl.  
**F17D 3/12** ( 2006.01 )  
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**F17D 5/02** ( 2006.01 )  
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(51) Int. Cl.  
**C08F 290/06** ( 2006.01 )  
**C08G 18/00** ( 2006.01 )  
**C08G 18/24** ( 2006.01 )  
**C08G 18/32** ( 2006.01 )  
**C08G 18/50** ( 2006.01 )  
**C08G 18/64** ( 2006.01 )  
**C08G 18/80** ( 2006.01 )  
**C08K 5/1545** ( 2006.01 )  
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**G02B 1/10** ( 2015.01 )  
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(74) Minter Ellison
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(21) 2024307699 (22) 28.06.2024  
(54) POLYMER-ENABLED DELIVERY OF PHARMACEUTICAL AGENTS  
(51) Int. Cl.  
**C08F 220/54** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
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**A61K 39/00** ( 2006.01 )  
**A61K 39/215** ( 2006.01 )  
**A61K 47/32** ( 2006.01 )  
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**A61P 31/14** ( 2006.01 )  
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(31) 2023902095 (32) 30.06.23 (33) AU  
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**(54)** SIRNA TARGETING MMP7, SIRNA CONJUGATE AND MEDICAL USE THEREOF  
**(51)** Int. Cl.  
*C12N 15/113* ( 2010.01 )  
*A61K 31/712* ( 2006.01 )  
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*A61K 38/00* ( 2006.01 )  
*A61P 11/00* ( 2006.01 )  
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**(51)** Int. Cl.  
*E21B 10/42* ( 2006.01 )  
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*E21B 10/567* ( 2006.01 )  
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*E21B 10/633* ( 2006.01 )  
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**(31)** 63/504,930 **(32)** 30.05.23 **(33)** US  
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**(21)** 2023446632 **(22)** 02.05.2023  
**(54)** "FUMIGATION APPARATUS AND METHOD OF FUMIGATION"  
**(51)** Int. Cl.  
*A01M 13/00* ( 2006.01 )  
*A23B 2/704* ( 2025.01 )  
*B01F 23/231* ( 2022.01 )  
*B05B 7/00* ( 2006.01 )  
*B05B 7/16* ( 2006.01 )  
*B05B 7/24* ( 2006.01 )  
*B05B 12/10* ( 2006.01 )  
*B01F 101/04* ( 2022.01 )  
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**(72)** MILLER, David; GILL, Ben; PUDDY, Tom; REN, Yonglin  
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**(21)** 2024314248 **(22)** 17.06.2024  
**(54)** PRECIPITATE CONTROL, ACTIVE SPECIES CROSS-OVER MANAGEMENT AND REBALANCING STRATEGIES FOR REDOX FLOW BATTERIES  
**(51)** Int. Cl.  
*H01M 8/18* ( 2006.01 )  
*H01M 8/02* ( 2016.01 )  
*H01M 8/04186* ( 2016.01 )  
*H01M 8/04746* ( 2016.01 )  
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**(72)** OSMAN, Zara; PADILLA, Maria; MCGONEGAL, Charles P.; GRAY, David E.  
**(74)** Patent Attorney Services
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- (71)** VECT-HORUS; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE D'AIX-MARSEILLE  
**(11)** AU-A-2024314571  
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**(54)** TRANSFERRIN RECEPTOR-BINDING MOLECULES, CONJUGATES THEREOF AND THEIR USES TO PREVENT OR TREAT MUSCULAR DISEASES  
**(51)** Int. Cl.  
*C07K 16/18* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 21/00* ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd
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**(54)** X-RAY FLUORESCENCE ASSEMBLY AND SYSTEMS AND METHODS COMPRISING SAME  
**(51)** Int. Cl.  
*G01N 23/2208* ( 2018.01 )  
*G01N 23/22* ( 2018.01 )  
*G01N 23/2204* ( 2018.01 )  
*G01N 23/223* ( 2006.01 )  
*G01N 23/06* ( 2018.01 )  
*G01N 23/083* ( 2018.01 )  
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**(43)** 05.12.2024  
**(72)** KAISER, Bruce; SHANNON, Robert  
**(74)** FPA Patent Attorneys Pty Ltd
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**(21)** 2024294637 **(22)** 08.07.2024  
**(54)** LOCKING BRACKET  
**(51)** Int. Cl.  
*F16L 3/10* ( 2006.01 )  
*A62C 35/68* ( 2006.01 )  
*B05B 15/60* ( 2018.01 )  
*E04B 1/38* ( 2006.01 )  
*E04B 9/00* ( 2006.01 )  
*F16L 3/12* ( 2006.01 )  
*F16L 3/24* ( 2006.01 )  
*H02G 3/06* ( 2006.01 )  
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**(43)** 16.01.2025  
**(72)** SLOAN, Brian; LEASURE, Nicholas; HANEY, Craig  
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**(21)** 2024268754 **(22)** 03.05.2024  
**(54)** THERAPEUTIC METHODS AND COMPOSITIONS FOR TREATING MOVEMENT DISORDERS  
**(51)** Int. Cl.  
*A61K 31/4453* ( 2006.01 )  
*A61K 31/14* ( 2006.01 )  
*A61K 31/27* ( 2006.01 )  
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**(11)** AU-A-2024323675  
**(21)** 2024323675 **(22)** 30.04.2024  
**(54)** PRESSURE CONTROL IN A SYSTEM AND PROCESS FOR EXTRACTING LITHIUM ENRICHED ELUATES FROM AN UNTREATED BRINE  
**(51)** Int. Cl.  
*B01D 15/26* ( 2006.01 )  
*B01D 61/58* ( 2006.01 )  
*C01D 15/04* ( 2006.01 )  
*C02F 1/00* ( 2023.01 )  
*C02F 1/04* ( 2023.01 )  
*C02F 1/26* ( 2023.01 )  
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*C02F 9/00* ( 2023.01 )  
*C22B 26/12* ( 2006.01 )  
*C02F 1/42* ( 2023.01 )  
*C02F 101/10* ( 2006.01 )  
*C02F 103/10* ( 2006.01 )

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 (43) 20.02.2025  
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 (74) IP Sentinels

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 (11) AU-A-2024324685  
 (21) 2024324685 (22) 30.04.2024  
 (54) POST PROCESSING IN A SYSTEM  
 AND PROCESS FOR EXTRACTING  
 LITHIUM ENRICHED ELUATES FROM  
 AN UNTREATED BRINE  
 (51) Int. Cl.  
 B01D 15/26 ( 2006.01 )  
 B01D 61/58 ( 2006.01 )  
 C01D 15/04 ( 2006.01 )  
 C02F 1/00 ( 2023.01 )  
 C02F 1/04 ( 2023.01 )  
 C02F 1/26 ( 2023.01 )  
 C02F 1/28 ( 2023.01 )  
 C02F 1/40 ( 2023.01 )  
 C02F 1/44 ( 2023.01 )  
 C02F 1/52 ( 2023.01 )  
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 C02F 1/64 ( 2023.01 )  
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 C02F 101/10 ( 2006.01 )  
 C02F 103/10 ( 2006.01 )

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 (72) AICHER, Thomas; BRAND, Stefan;  
 HARRISON, Aaron; HARRISON,  
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 (54) SYSTEMS AND METHODS FOR SE-  
 LECTING TEMPLATES FOR DISPLAY-  
 ING PRODUCT RELATED CONTENT  
 ON ELECTRONIC DISPLAY DEVICES  
 (51) Int. Cl.  
 G06Q 30/0241 ( 2023.01 )  
 G06F 1/16 ( 2006.01 )  
 G06Q 30/0251 ( 2023.01 )  
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 (72) BUCH, Matthias; SOONG, Scott  
 (74) Collison & Co

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 (54) SYSTEM AND METHOD FOR AUTO-  
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 DETERMINING THAT A RELEVANT  
 EVENT HAS OCCURRED  
 (51) Int. Cl.  
 G06Q 30/0201 ( 2023.01 )

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 (72) QUINN, Chris; MCSWEENEY, Daniel  
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 (54) USER INTERFACE GENERATIVE AR-  
 TIFICIAL INTELLIGENCE FOR DIGIT-  
 AL TASK SUBMISSION  
 (51) Int. Cl.  
 G06F 16/24 ( 2019.01 )  
 G06F 3/048 ( 2013.01 )  
 G06F 8/38 ( 2018.01 )  
 G06F 9/451 ( 2018.01 )  
 G06F 16/33 ( 2019.01 )  
 G06F 40/174 ( 2020.01 )  
 G06F 40/205 ( 2020.01 )  
 G06F 40/40 ( 2020.01 )  
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 (31) 63/471,129 (32) 05.06.23 (33) US  
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 SHEMER, Moran; ZOHAR, Ron  
 (74) James & Wells Intellectual Property

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 HOLDINGS, LLC  
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 (54) NON-INTRUSIVE RHEOMETER FOR  
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 (51) Int. Cl.  
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 (72) NORTHAM, Paul R.; BUSTEED, John  
 E.  
 (74) WRAYS PTY LTD

(71) WEATHERFORD TECHNOLOGY  
 HOLDINGS, LLC  
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 (21) 2024310385 (22) 30.05.2024  
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 (72) KOITHAN, Thomas H.; BRANA, Jose  
 D.  
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(71) WEIR MINERALS AUSTRALIA LIM-  
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 (72) HANHINIEMI, Jeremy  
 (74) WEIR MINERALS AUSTRALIA LTD

(71) WEIR MINERALS NETHERLANDS  
 B.V.  
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 (21) 2024325326 (22) 16.08.2024  
 (54) PROCESSING CRUSHED ORE  
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(71) WILSON WOLF MANUFACTURING,  
 LLC  
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 (21) 2024281699 (22) 31.05.2024  
 (54) LONG TERM POTENCY ASSAYS FOR  
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 G01N 33/50 ( 2006.01 )  
 A61K 39/00 ( 2006.01 )  
 C07K 14/725 ( 2006.01 )  
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 (74) Griffith Hack

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 (72) CHO, Seok Keun; RYU, Moon Young;  
 WOO, Jin Kyu  
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(71) XERO LIMITED  
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(72) ZHANG, Shilei  
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- (71) YARA INTERNATIONAL ASA  
(11) AU-A-2024289628  
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(21) 2024279942 (22) 03.06.2024  
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(72) WU, Chi-yen; MCKINNON, Bruce  
(74) Spruson & Ferguson
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- (71) ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY(NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.  
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(54) VEHICLE STEERING CONTROL METHOD AND APPARATUS, VEHICLE, AND STORAGE MEDIUM
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(74) Madderns Pty Ltd
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- (71) ZUFFA, LLC  
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(72) NEUBAUER, Jason; LANPHEAR, Noah; SAVAGE, Ryan  
(74) PHILLIPS ORMONDE FITZPATRICK

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2023457397	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2024271840	KING'S COLLEGE LONDON
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2023458707	SM INTELLECTUAL TECHNOLOGIES LLC	2024272165	GUANGDONG WITOL VACUUM ELECTRONIC MANUFACTURE CO., LTD.
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2023476604	MALTANI CORP.	2024272815	AARKE AB
2024261900	CHENGDU ORIGIN BIOTECHNOLOGY CO., LTD.	2024273045	OCUMETICS TECHNOLOGY CORP.
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2024265282	TAIHO PHARMACEUTICAL CO., LTD.	2024274507	INSILICO MEDICINE IP LIMITED
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2024297349	STAEDTLER SE	2024310838	BAE SYSTEMS PLC
2024298533	TOMRA SORTING GMBH	2024311304	ISTESSO 2 LTD
2024299289	TOMRA SORTING GMBH	2024311741	ALLOGENE THERAPEUTICS, INC.
2024300039	TOMRA SORTING GMBH	2024311750	ELI LILLY AND COMPANY
2024300330	SWEMMER, T.D.	2024311876	SANDVIK MINING AND CONSTRUCTION OY
2024300434	TOMRA SORTING GMBH	2024311881	MARS, INCORPORATED
2024300810	GREAT PLAINS MANUFACTURING, INC.	2024311892	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
2024301187	CRRC YANGTZE CO., LTD.	2024311996	ZUFFA, LLC
2024301280	MINITUBISHI HEAVY INDUSTRIES, LTD.	2024312277	SEED TERMINATOR HOLDINGS PTY LTD
2024301626	GREAT PLAINS MANUFACTURING, INC.	2024312554	F. HOFFMANN-LA ROCHE AG
2024301956	F. HOFFMANN-LA ROCHE AG	2024312665	THE JOHNS HOPKINS UNIVERSITY
2024302344	PFIZER INC.	2024313178	TPE MIDSTREAM LLC
2024302446	IC TARGETS AS	2024313392	ELI LILLY AND COMPANY
2024302487	OTSUKA PHARMACEUTICAL FACTORY, INC.	2024313586	SHIN-ETSU CHEMICAL CO., LTD.
2024302517	EVAN CLABOTS DESIGN LLC	2024313636	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
2024302738	MARYHILL AB	2024313712	ADIENNE PHARMA & BIOTECH SA
2024302846	GENENTECH, INC.	2024314102	SWIMC LLC
2024302904	HILL'S PET NUTRITION, INC.	2024314198	SHOGUN ORGANICS LIMITED
2024302964	TUOJIE BIOTECH (SHANGHAI) CO., LTD.	2024314206	BAE SYSTEMS PLC
2024303288	DUKE STREET BIO LIMITED	2024314248	UOP LLC
2024303327	INTERDIGITAL CE PATENT HOLDINGS, SAS	2024314485	CHEMETALL GMBH
2024303503	BETOLAR OYJ	2024314529	FONDAZIONE DI RELIGIONE E DI CULTO "CASA SOLLIEVO DELLA SOFFERENZA" - OPERA DI SAN PIO DA PIETRELCINA
2024303588	ARVINAS OPERATIONS, INC.	2024314571	VECT-HORUS; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE D'AIX-MARSEILLE
2024303705	BAE SYSTEMS PLC	2024314865	FULL ARCH SOLUTIONS, LLC
2024303739	GREEN GEN TECHNOLOGIES	2024314938	FUELSPEC SERVICES ASSETS PTY LTD
2024303912	MOTOROLA SOLUTIONS, INC.	2024315466	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
2024304056	MAGVAD LLC	2024317524	ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY(NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
2024304201	BLOOMREACH, INC.	2024317557	AGC INC.
2024304800	RELIEVANT MEDSYSTEMS, INC.	2024319370	SUNTORY HOLDINGS LIMITED
2024304871	BAE SYSTEMS PLC	2024321209	HINGE HEALTH, INC.
2024304872	PYC THERAPEUTICS LIMITED	2024321986	WEIR MINERALS AUSTRALIA LIMITED
2024304956	GENENTECH, INC.	2024323675	VULCAN ENERGIE RESSOURCEN GMBH
2024304996	INSINKERATOR LLC	2024323733	QUANTUM MOTION TECHNOLOGIES LIMITED
2024305004	SKINOSIVE	2024324685	VULCAN ENERGIE RESSOURCEN GMBH
2024305007	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2024325326	WEIR MINERALS NETHERLANDS B.V.
2024305149	NOVELIS INC.	2024327150	OWENS-BROCKWAY GLASS CONTAINER INC.
2024305207	CHURCH & DWIGHT CO., INC.	2024327275	OWENS-BROCKWAY GLASS CONTAINER INC.
2024305223	RIJKSUNIVERSITEIT GRONINGEN	2024327362	ARCHER AVIATION INC.
2024305360	TEXTRON SYSTEMS CORPORATION	2024328202	OWENS-BROCKWAY GLASS CONTAINER INC.
2024305397	CAPITAL ONE SERVICES, LLC	2024329622	OWENS-BROCKWAY GLASS CONTAINER INC.
2024306185	DHF TECHNOLOGY PTY LTD	2024329942	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
2024306540	NATURAL PLANT PROTECTION LIMITED	2024330120	KOMATSU LTD.
2024306874	BAE SYSTEMS PLC	2024331596	KOMATSU LTD.
2024306917	LG ELECTRONICS INC.	2024334539	OWENS-BROCKWAY GLASS CONTAINER INC.
2024307365	GILEAD SCIENCES, INC.	2024339260	JFE STEEL CORPORATION
2024307383	RIGIMMUNE INC.	2024339449	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
2024307413	SHANGHAI SHEMAR POWER ENGINEERING CO., LTD.	2024339692	JFE STEEL CORPORATION
2024307514	ICON23 PTY LTD	2024343090	JFE STEEL CORPORATION
2024307699	TRIMPH IP PTY LTD	2024344216	POLYTEX SPORTBELÄGE PRODUKTIONS-GMBH
2024307716	FIBER SENSE LIMITED	2024354524	LEIBNIZ-INSTITUT FÜR ASTROPHYSIK POTSDAM (AIP)
2024307738	ABIOMED EUROPE GMBH	2024376397	FILE, D.J.
2024307787	TAIHO PHARMACEUTICAL CO., LTD.	2024383162	FALCON WATER TECHNOLOGIES, LLC
2024308266	ALLEN INSTITUTE	2024387138	LG ENERGY SOLUTION, LTD.
2024308353	SUNSHO PHARMACEUTICAL CO., LTD.	2024391534	LG ENERGY SOLUTION, LTD.
2024308500	SONOMA BIOTHERAPEUTICS, INC.	2024401092	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
2024308508	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2024406697	DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.
2024308813	PNEUMA RESPIRATORY, INC.	2024408802	ECOMETALES LIMITED, AGENCIA EN CHILE
2024309323	RED MILAWA PTY LTD		
2024309340	CAPITAL ONE SERVICES, LLC		
2024309386	CHRISTIANA CARE GENE EDITING INSTITUTE, INC.		
2024309602	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH		
2024309668	NOKIA TECHNOLOGIES OY		
2024309884	REGENERON PHARMACEUTICALS, INC.		
2024310056	SANDVIK MINING AND CONSTRUCTION OY		
2024310129	BASF SE		
2024310226	PULPEX LIMITED		
2024310385	WEATHERFORD TECHNOLOGY HOLDINGS, LLC		

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 2024410143 ILLUMINA, INC.  
 2024411279 NANTONG JIANGSHAN AGROCHEMICAL & CHEMICALS CO., LTD.; JIANGSHAN (YICHANG) CROP TECHNOLOGY CO., LTD.  
 2024414476 CEIBO INC.  
 2024416011 HISENSE (GUANGDONG) AIR CONDITIONING CO., LTD.  
 2024419378 SHENZHEN GREENJOY TECHNOLOGY CO., LTD.  
 2024427001 XUZHOU HUADONG MACHINERY CO., LTD; CHINA UNIVERSITY OF MINING AND TECHNOLOGY  
 2024430252 CHONGQING CHANGAN AUTOMOBILE CO., LTD.  
 2024436572 ARCTECH SOLAR HOLDING CO., LTD.  
 2024441603 SHARKNINJA OPERATING LLC  
 2024444348 SPINRITE INC.  
 2024444862 HUNAN CRRC TIMES ELECTRIC DRIVE TECHNOLOGY CO., LTD.  
 2025203111 DONGGUAN BEST TRAVEL ELECTRONICS CO., LTD.  
 2025208779 ALCON INC.  
 2025230710 NSLAB CO., LTD.  
 2025230788 LONGI PHOTOVOLTAIC TECHNOLOGY (JIAXING) CO., LTD.  
 2025230991 BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.  
 2025232370 LG ENERGY SOLUTION, LTD.  
 2025232443 RAPSODO PTE. LTD.  
 2025242097 SHENZHEN HANYANG TECHNOLOGY CO., LTD.  
 2025261063 LG ENERGY SOLUTION, LTD.  
 2025271290 COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

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2024269180	2024270092	<b><u>A41D 19 /-</u></b>	<b><u>A47L 11 /-</u></b>	2023457545	2024289011
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<b><u>A01K 91 /-</u></b>	<b><u>A23D 9 /-</u></b>	2024283862	2023447645	2024273045	2024302904
2024272371	2024270253	<b><u>A45C 11 /-</u></b>	2024270600	2024273905	2024302964
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2024306185	<b><u>A23K 10 /-</u></b>	2024286032	<b><u>A47L 9 /-</u></b>	2024282309	2024307365
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2024279827	<b><u>A23L 2 /-</u></b>	<b><u>A47C 9 /-</u></b>	<b><u>A61B 5 /-</u></b>	2024265881	2024279075
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2024284234	2024302487	2024273094	2024276929	2024271399	2024265777
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<b><u>C05B 7 /-</u></b>	<b><u>C07D 307 /-</u></b>	<b><u>C07H 19 /-</u></b>	<b><u>C08G 18 /-</u></b>	<b><u>C09K 5 /-</u></b>	
2024306540	2024271399	2024265282 2024284320	2023456567	2024310129	
<b><u>C05C 9 /-</u></b>	<b><u>C07D 311 /-</u></b>	<b><u>C07K 14 /-</u></b>	<b><u>C08G 69 /-</u></b>	<b><u>C10B 53 /-</u></b>	
2024306540	2024283922 2024285582	2024265723 2024265777 2024271851 2024276934 2024281699 2024283046 2024283953 2024284454 2024284838 2024286934 2024292177 2024302344 2024302846 2024304956 2024311741	2024284238 2024285754	2024339260 2024339692 2024343090	
<b><u>C05G 3 /-</u></b>	<b><u>C07D 401 /-</u></b>		<b><u>C08J 11 /-</u></b>	<b><u>C10B 57 /-</u></b>	
2024306540	2024285368 2024286124 2024296422		2024284238 2024285754 2024286546 2024315466	2024339260 2024339692 2024343090	
<b><u>C05G 5 /-</u></b>	<b><u>C07D 403 /-</u></b>		<b><u>C08J 3 /-</u></b>	<b><u>C10G 1 /-</u></b>	
2024306540	2024285368		2024297349	2024309602	
<b><u>C07C 229 /-</u></b>	<b><u>C07D 405 /-</u></b>		<b><u>C08J 5 /-</u></b>	<b><u>C10G 2 /-</u></b>	<b><u>C12N 5 /-</u></b>
2024414476	2024265282 2024285368 2024285582		2024282746 2024315466	2024280354	2023448967 2024261900 2024281012 2024283895 2024291410 2024293225 2024302846 2024304956 2024308500
<b><u>C07C 59 /-</u></b>	<b><u>C07D 413 /-</u></b>	<b><u>C07K 16 /-</u></b>	<b><u>C08J 9 /-</u></b>	<b><u>C10G 25 /-</u></b>	
2024285429	2024286124 2024314198 2024411279	2024265647 2024266663 2024270154 2024270449 2024275319 2024276084 2024279075 2024281699 2024283895 2024284408 2024284838 2024285833 2024286486 2024286934 2024292177 2024311750 2024313392 2024314571	2024274019	2023458707	
<b><u>C07D 201 /-</u></b>	<b><u>C07D 417 /-</u></b>		<b><u>C08K 5 /-</u></b>	<b><u>C10G 47 /-</u></b>	
2024284238 2024285754 2024286546	2024285368		2023456567	2024309602	
<b><u>C07D 207 /-</u></b>	<b><u>C07D 471 /-</u></b>	<b><u>C07K 17 /-</u></b>	<b><u>C08K 7 /-</u></b>	<b><u>C11B 1 /-</u></b>	
2024305004	2024285368	2024304956	2024274019	2024266327	
<b><u>C07D 213 /-</u></b>	<b><u>C07D 477 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C08L 5 /-</u></b>	<b><u>C11C 3 /-</u></b>	<b><u>C12N 9 /-</u></b>
2024303288	2024262278 2024280280 2024286124 2024312554	2024265647 2024266663 2024270154 2024270449 2024275319 2024276084 2024279075 2024281699 2024283895 2024284408 2024284838 2024285833 2024286486 2024286934 2024292177 2024311750 2024313392 2024314571	2024311892	2024270253	2024276412 2024280863 2024282951 2024283953 2024285191 2024308500 2024309884
<b><u>C07D 215 /-</u></b>	<b><u>C07D 487 /-</u></b>		<b><u>C08L 77 /-</u></b>	<b><u>C11D 17 /-</u></b>	<b><u>C12N 7 /-</u></b>
2024308508	2024262278 2024272361 2024274507 2024281092 2024283931 2024286124 2024286460 2024289011 2024307365 2024312554		2024284238 2024285754	2024305207	2024261900
<b><u>C07D 221 /-</u></b>	<b><u>C07D 491 /-</u></b>	<b><u>C07K 17 /-</u></b>	<b><u>C08L 77 /-</u></b>	<b><u>C11D 3 /-</u></b>	
2024285582	2024285368 2024272361 2024274507 2024281092 2024283931 2024286124 2024286460 2024289011 2024307365 2024312554	2024279075 2024281699 2024283895 2024284408 2024284838 2024285833 2024286486 2024286934 2024292177 2024311750 2024313392 2024314571	2024284238 2024285754	2024305207	
<b><u>C07D 231 /-</u></b>	<b><u>C07D 498 /-</u></b>	<b><u>C07K 19 /-</u></b>	<b><u>C09B 67 /-</u></b>	<b><u>C11D 3 /-</u></b>	<b><u>C12P 13 /-</u></b>
2024296422	2024286124	2024265777 2024270154 2024276934 2024283895	2024314102	2024305207	2024285191
<b><u>C07D 233 /-</u></b>	<b><u>C07D 519 /-</u></b>		<b><u>C09C 1 /-</u></b>	<b><u>C12H 1 /-</u></b>	<b><u>C12P 17 /-</u></b>
2024296422	2024286124		2024314102	2024286167	2024285191
<b><u>C07D 237 /-</u></b>		<b><u>C07K 7 /-</u></b>	<b><u>C09C 3 /-</u></b>	<b><u>C12M 1 /-</u></b>	<b><u>C12P 19 /-</u></b>
2024280280		2024274906 2024276934 2024279019	2024314102	2024267388	2024283953 2024302344
<b><u>C07D 241 /-</u></b>		<b><u>C08B 37 /-</u></b>	<b><u>C09D 11 /-</u></b>	<b><u>C12M 3 /-</u></b>	<b><u>C12P 7 /-</u></b>
2024303288		2024311892	2024285996	2024293225	2024267388 2024282951
<b><u>C07D 249 /-</u></b>		<b><u>C08F 220 /-</u></b>	<b><u>C09D 133 /-</u></b>	<b><u>C12N 1 /-</u></b>	
2024296422 2024312554		2024307699	2024265320	2024283953 2024285191 2024296203	
<b><u>C07D 257 /-</u></b>			<b><u>C09D 175 /-</u></b>	<b><u>C12N 15 /-</u></b>	<b><u>C12Q 1 /-</u></b>
2024296422			2023456567	2024261900 2024265668 2024265723 2024270154	2024264817 2024271303 2024276412 2024282145 2024283907 2024284320 2024284449

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2024312665	<b>C25B 15 /-</b>	<b>D06P 1 /-</b>		<b>E21B 47 /-</b>	<b>F16B 37 /-</b>
2024314529			<b>E03C 1 /-</b>		
2024410143					
	2023451933	2024285996	2023450397	2024276210	2024289852
	2023452221		2024304996	2024310385	
<b>C12R 1 /-</b>	2024280354	<b>D06P 5 /-</b>	2024383162		<b>F16B 7 /-</b>
				<b>E21C 41 /-</b>	
2024261900	<b>C25B 9 /-</b>	2024285996			2024289852
			<b>E03D 13 /-</b>	2024284490	
<b>C21D 6 /-</b>	2023451933	<b>D21H 17 /-</b>			<b>F16C 13 /-</b>
	2023452221		2024383162	<b>E21D 11 /-</b>	
2024313586		2024286818			2024291386
	<b>C25C 1 /-</b>		<b>E04B 1 /-</b>	2024300330	
<b>C22B 1 /-</b>		<b>D21H 21 /-</b>			<b>F16C 33 /-</b>
	2023451933		2024272659	<b>E21D 21 /-</b>	
2024321986	2023452221	2024286818	2024294637		2024291386
				2024300330	
<b>C22B 11 /-</b>	<b>C25C 5 /-</b>	<b>D21H 27 /-</b>	<b>E04B 5 /-</b>		<b>F16C 35 /-</b>
				<b>F02B 67 /-</b>	
2024289628	2023451933	2023457397	2024266543	2024312277	2024291386
2024329942	2023452221	2024286818			
2024339449			<b>E04B 9 /-</b>		<b>F16G 11 /-</b>
	<b>C25C 7 /-</b>	<b>D21J 3 /-</b>		<b>F02C 6 /-</b>	
<b>C22B 15 /-</b>			2024294637		2024310838
	2023451933	2024288260		2024280637	
2024277824	2023452221	2024291245	<b>E04C 2 /-</b>		<b>F16G 15 /-</b>
2024414476		2024310226		<b>F03D 13 /-</b>	
	<b>C25D 3 /-</b>	<b>D21J 7 /-</b>	2024266543		2024310838
<b>C22B 26 /-</b>				2023464646	
	2024314485	2024288260	<b>E04F 21 /-</b>		<b>F16G 3 /-</b>
2024323675		2024291245		<b>F03D 15 /-</b>	
2024324685	<b>C25D 7 /-</b>	2024310226	2023447517		2024269108
				2023464646	
<b>C22B 3 /-</b>	2024314485	<b>E01C 11 /-</b>	<b>E04H 12 /-</b>		<b>F16H 25 /-</b>
				<b>F03D 80 /-</b>	
2024329942	<b>D01D 4 /-</b>	2024287048	2024307413		2024305360
2024339449				2024310129	
2024414476	2024344216	<b>E01C 13 /-</b>	<b>E04H 6 /-</b>		<b>F16H 49 /-</b>
				<b>F04B 43 /-</b>	
<b>C22B 30 /-</b>	<b>D01D 5 /-</b>	2024344216	2024272659		2021226134
				2024304056	
2024408802	2024344216	<b>E01C 5 /-</b>	<b>E05C 9 /-</b>		<b>F16H 55 /-</b>
				<b>F04B 45 /-</b>	
<b>C22B 59 /-</b>	<b>D01F 6 /-</b>	2024287048	2024301187		2024312277
				2024304056	
2024271135	2024344216	<b>E01C 7 /-</b>	<b>E06B 3 /-</b>		<b>F16H 57 /-</b>
				<b>F04C 15 /-</b>	
<b>C22B 7 /-</b>	<b>D01F 8 /-</b>	2024287048	2024317557		2021226134
				2024282318	
2024289628	2024344216	<b>E01C 9 /-</b>	<b>E06B 9 /-</b>		<b>F16H 9 /-</b>
2024329942				<b>F04D 13 /-</b>	
2024339449	<b>D01H 15 /-</b>	2024287048	2024281546		2024312277
				2024269017	
<b>C22C 38 /-</b>	2024444348	<b>E02D 17 /-</b>	<b>E21B 10 /-</b>		<b>F16L 3 /-</b>
				<b>F04D 29 /-</b>	
2024313586	<b>D04B 31 /-</b>	2024284490	2024282603		2024294637
				2023446929	
<b>C23C 16 /-</b>	2024444348	<b>E02D 29 /-</b>	<b>E21B 21 /-</b>	2024269036	<b>F17C 1 /-</b>
2024286636	<b>D04G 5 /-</b>	2024284490	2024310385	<b>F15B 1 /-</b>	2024267437
<b>C23F 11 /-</b>	2024306185	<b>E02F 1 /-</b>	<b>E21B 23 /-</b>	2024300810	<b>F17C 13 /-</b>
2024310129	<b>D04H 1 /-</b>	2024310056	2024276210	<b>F15B 15 /-</b>	2024277151
<b>C25B 1 /-</b>	2023457397	<b>E02F 3 /-</b>	<b>E21B 33 /-</b>	2024305360	<b>F17C 3 /-</b>
	2023457545				
2024280354	2024283862	2024301626	2024276210	<b>F15B 21 /-</b>	2024267437
2024281599		2024330120			2024277151
	<b>D06B 23 /-</b>	2024331596	<b>E21B 41 /-</b>	2024300810	
<b>C25B 13 /-</b>					<b>F17D 1 /-</b>
	2024267499	<b>E02F 9 /-</b>	2024310385	<b>F16B 12 /-</b>	
2023451933					2024265029
2023452221	<b>D06B 5 /-</b>	2024300810	<b>E21B 43 /-</b>	2024302517	
2024282746		2024301626			<b>F17D 3 /-</b>
	2024267499	2024310056	2024276210		2024265029

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2024313178	<b><u>F26B 1 /-</u></b>	<b><u>G01N 11 /-</u></b>	<b><u>G02B 1 /-</u></b>	<b><u>G06F 18 /-</u></b>	<b><u>G06Q 50 /-</u></b>
<b><u>F17D 5 /-</u></b>	2024269180	2024291776	2023456567	2024277867	2023458797
2024265029	<b><u>F26B 25 /-</u></b>	<b><u>G01N 21 /-</u></b>	<b><u>G02B 23 /-</u></b>	<b><u>G06F 21 /-</u></b>	2024262040
2024313178	2024269180	2024275381	2024354524	2024273449	2024276656
<b><u>F21S 8 /-</u></b>	<b><u>F26B 3 /-</u></b>	2024298533	<b><u>G02B 25 /-</u></b>	2024281700	2024284429
2024265495	2024269180	2024300039	<b><u>G02B 25 /-</u></b>	2024284429	<b><u>G06T 1 /-</u></b>
<b><u>F21V 14 /-</u></b>	<b><u>G01N 23 /-</u></b>	<b><u>G01N 23 /-</u></b>	2024263291	<b><u>G06F 3 /-</u></b>	2023456447
2024267697	<b><u>F41A 21 /-</u></b>	2024279940	<b><u>G02B 26 /-</u></b>	2023456433	<b><u>G06T 15 /-</u></b>
2024265467	2024281762	2024281762	2023456447	2023459607	2024303327
<b><u>F21V 17 /-</u></b>	<b><u>F41B 11 /-</u></b>	<b><u>G01N 27 /-</u></b>	2024354524	2024276656	<b><u>G06T 7 /-</u></b>
2024267697	2024265467	2024275381	<b><u>G02B 6 /-</u></b>	2024283720	2024284653
<b><u>F21V 29 /-</u></b>	<b><u>F41H 13 /-</u></b>	2024279940	2024281209	2024286018	2024321209
2024267854	2024265467	2024290585	<b><u>G02B 7 /-</u></b>	2024286742	2024406697
<b><u>F21V 5 /-</u></b>	<b><u>F42D 5 /-</u></b>	<b><u>G01N 29 /-</u></b>	<b><u>G02B 7 /-</u></b>	2025230991	2025232443
2024285835	2024284490	2024279940	2024354524	<b><u>G06F 40 /-</u></b>	<b><u>G06T 9 /-</u></b>
<b><u>F21V 7 /-</u></b>	<b><u>G01C 19 /-</u></b>	2024285581	<b><u>G02C 13 /-</u></b>	2024276656	2024303327
2024267697	2024292190	2024286603	2024263291	2024286018	<b><u>G06V 10 /-</u></b>
2024267854	<b><u>G01C 21 /-</u></b>	<b><u>G01N 33 /-</u></b>	<b><u>G02C 7 /-</u></b>	<b><u>G06F 8 /-</u></b>	<b><u>G06V 10 /-</u></b>
<b><u>F21W 131 /-</u></b>	2023454068	2024275381	2024263291	2024286018	2023456447
2024267697	2024292190	2024276412	<b><u>G05D 1 /-</u></b>	2024286742	2024321209
2024267854	<b><u>G01C 21 /-</u></b>	2024281699	<b><u>G05D 1 /-</u></b>	2024430252	<b><u>G06V 40 /-</u></b>
2024267697	2024265495	2024283895	2023445053	<b><u>G06F 9 /-</u></b>	2024263291
2024267854	2024285507	2024284449	2023454068	2024286018	2024321209
<b><u>F21Y 113 /-</u></b>	<b><u>G01D 3 /-</u></b>	2024290585	2024303705	2024286742	<b><u>G07C 5 /-</u></b>
2024267854	2024292190	2024292177	2024310056	<b><u>G06K 7 /-</u></b>	2024430252
<b><u>F21Y 115 /-</u></b>	<b><u>G01D 5 /-</u></b>	2024310804	2024311876	2024305397	<b><u>G08B 21 /-</u></b>
2024267697	2024307716	2024311741	2025242097	<b><u>G05D 107 /-</u></b>	<b><u>G06N 10 /-</u></b>
<b><u>F24F 1 /-</u></b>	<b><u>G01F 23 /-</u></b>	<b><u>G01P 15 /-</u></b>	<b><u>G05D 109 /-</u></b>	<b><u>G06N 10 /-</u></b>	2024286636
2023451418	2024314938	2024292190	2024303705	<b><u>G06N 20 /-</u></b>	2024383162
<b><u>F24F 11 /-</u></b>	<b><u>G01F 25 /-</u></b>	<b><u>G01Q 60 /-</u></b>	2024310056	2024286636	<b><u>G08G 1 /-</u></b>
2023451418	2024314938	2024354524	2024311876	<b><u>G06N 20 /-</u></b>	2024265495
2024416011	2024314938	<b><u>G01R 19 /-</u></b>	<b><u>G05D 109 /-</u></b>	2023456447	2024285507
<b><u>F24F 12 /-</u></b>	<b><u>G01H 9 /-</u></b>	2025261063	2024303705	2024321209	<b><u>G09B 23 /-</u></b>
2024272659	2024307716	2024277867	2024310056	<b><u>G06N 3 /-</u></b>	2024273441
<b><u>F24F 13 /-</u></b>	<b><u>G01J 1 /-</u></b>	<b><u>G01R 23 /-</u></b>	2024311876	2024277867	<b><u>G09B 5 /-</u></b>
2024272659	2024406697	2024277867	<b><u>G05D 111 /-</u></b>	2024306917	2024284429
<b><u>F24F 9 /-</u></b>	<b><u>G01J 3 /-</u></b>	<b><u>G01R 31 /-</u></b>	<b><u>G06F 1 /-</u></b>	2024321209	<b><u>G09B 7 /-</u></b>
2024272659	2024298533	2025261063	2023450041	<b><u>G06Q 10 /-</u></b>	2024284429
<b><u>F24S 25 /-</u></b>	2024354524	<b><u>G01R 33 /-</u></b>	<b><u>G06F 15 /-</u></b>	2024262040	2024284429
2024436572	2024307716	2024302446	2024276656	2024284429	<b><u>G09F 3 /-</u></b>
<b><u>F25J 3 /-</u></b>	<b><u>G01M 11 /-</u></b>	<b><u>G01S 19 /-</u></b>	<b><u>G06F 16 /-</u></b>	2024273449	2024270108
2024281599	2024307716	2024310741	2024273449	2024309340	<b><u>G09F 7 /-</u></b>
	<b><u>G01N 1 /-</u></b>	<b><u>G01V 8 /-</u></b>	2024276656	2025230710	2024270108
	2024275381	2024354524	2024283720	<b><u>G06Q 30 /-</u></b>	<b><u>G10L 19 /-</u></b>
	2024282884	<b><u>G01W 1 /-</u></b>	2024286018	2023450041	2023450188
		2024406697	2024286742	2023450044	
			2024304201	2024273449	
			2024305397	2024276656	<b><u>G10L 21 /-</u></b>
				2024304201	2024273449

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<b><u>G16B 20 /-</u></b>	2024315466 2024329942 2024339449	<b><u>H02K 53 /-</u></b>	2024309668
2024312665		2021226134	<b><u>H04N 23 /-</u></b>
<b><u>G16B 30 /-</u></b>	<b><u>H01Q 1 /-</u></b>	<b><u>H02K 7 /-</u></b>	2024284536 2025232443
2024312665	2024279366	2021226134	<b><u>H04N 7 /-</u></b>
<b><u>G16H 10 /-</u></b>	<b><u>H01Q 15 /-</u></b>	<b><u>H02M 7 /-</u></b>	2024284536
2024277885	2024279366 2024286839	2021226134	<b><u>H04W 12 /-</u></b>
<b><u>G16H 20 /-</u></b>	<b><u>H01Q 19 /-</u></b>	<b><u>H02S 20 /-</u></b>	2024309340 2024310741
2024293444 2024308813	2024279366	2024436572	<b><u>H04W 36 /-</u></b>
<b><u>G16H 30 /-</u></b>	<b><u>H01Q 21 /-</u></b>	<b><u>H02S 40 /-</u></b>	2024272705
2024293444	2024286839	2025230788	<b><u>H04W 4 /-</u></b>
<b><u>G16H 40 /-</u></b>	<b><u>H01Q 3 /-</u></b>	<b><u>H04B 10 /-</u></b>	2023450696 2023476604
2024262040	2024286839	2024307716	<b><u>H05B 47 /-</u></b>
<b><u>G16H 50 /-</u></b>	<b><u>H01R 13 /-</u></b>	<b><u>H04K 3 /-</u></b>	2023476604
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<b><u>G21K 1 /-</u></b>	<b><u>H01R 25 /-</u></b>	<b><u>H04L 1 /-</u></b>	2024272165
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<b><u>H01F 1 /-</u></b>	<b><u>H02G 3 /-</u></b>	<b><u>H04L 51 /-</u></b>	2023447645 2024288293 2024323733
2024313586	2024294637	2024281700	<b><u>H10F 19 /-</u></b>
<b><u>H01F 27 /-</u></b>	<b><u>H02G 7 /-</u></b>	<b><u>H04L 67 /-</u></b>	2025230788
2024281655 2024281976	2024307413	2024430252	<b><u>H10F 77 /-</u></b>
<b><u>H01F 41 /-</u></b>	<b><u>H02J 7 /-</u></b>	<b><u>H04L 69 /-</u></b>	2025230788
2024281655 2024281976	2024279066 2025261063	2024269175	<b><u>H10N 60 /-</u></b>
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2023471968 2024266513 2024281546	2024444862	2023457278 2024269175 2024273449 2024281700 2024305397 2024430252 2025230710	<b><u>H10N 69 /-</u></b>
<b><u>H01M 10 /-</u></b>	<b><u>H02K 3 /-</u></b>	<b><u>H04M 11 /-</u></b>	2024275160
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<b><u>H01M 4 /-</u></b>	<b><u>H02K 41 /-</u></b>	<b><u>H04M 3 /-</u></b>	
2024314485	2024304056	2024303912	
<b><u>H01M 50 /-</u></b>	<b><u>H02K 47 /-</u></b>	<b><u>H04M 7 /-</u></b>	
2024387138 2024391534 2025232370	2021226134	2024303912	
<b><u>H01M 8 /-</u></b>	<b><u>H02K 49 /-</u></b>	<b><u>H04N 17 /-</u></b>	
2024281599 2024314248	2021226134	2025232443	
	<b><u>H02K 5 /-</u></b>	<b><u>H04N 19 /-</u></b>	
	2023446929 2024269036 2024270600	2024282753 2024303327 2024306917	
	<b><u>H02K 51 /-</u></b>		
	2021226134		

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 (11) AU-B-2020330384  
 (21) 2020330384 (22) 13.08.2020  
 (54) Self-cleaning pipeline magnetic separator system  
 (51) Int. Cl.  
     **B03C 5/02** ( 2006.01 )  
     **B01D 21/00** ( 2006.01 )  
     **B03C 1/02** ( 2006.01 )  
     **F17D 5/00** ( 2006.01 )  
 (87) WO2021/026659  
 (31) 62/886,793 (32) 14.08.19 (33) US  
 (43) 18.02.2021  
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 (72) SIMONSON, Roger M.  
 (74) IP Guardian

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(71) 3Spine, Inc.  
 (11) AU-B-2019374914  
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 (54) Intervertebral spinal implant and surgical methods  
 (51) Int. Cl.  
     **A61F 2/44** ( 2006.01 )  
     **A61B 17/58** ( 2006.01 )  
     **A61B 17/70** ( 2006.01 )  
 (87) WO2020/097613  
 (31) 62/758,062 (32) 09.11.18 (33) US  
 (43) 14.05.2020  
 (44) 18.12.2025  
 (72) PETERMAN, Marc; HODGES, Scott; HUMPHREYS, Steven  
 (74) Griffith Hack

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(71) 7S Health.Care GmbH  
 (11) AU-B-2020396791  
 (21) 2020396791 (22) 30.11.2020  
 (54) Lung testing device  
 (51) Int. Cl.  
     **A61B 5/097** ( 2006.01 )  
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     **A61B 5/08** ( 2006.01 )  
     **A61B 5/083** ( 2006.01 )  
     **A61B 5/087** ( 2006.01 )  
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 (31) A 60266/2019 (32) 02.12.19 (33) AT  
     A 50323/2020 16.04.20 AT  
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 (72) SINDHUBER, Gerald; WEGERER, Alfred  
 (74) Dennemeyer & Associates

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(71) 8 Rivers Capital, LLC  
 (11) AU-B-2020369233  
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     **F01K 25/10** ( 2006.01 )

**F02C 3/34** ( 2006.01 )  
 (87) WO2021/079324  
 (31) 62/924,525 (32) 22.10.19 (33) US  
 (43) 29.04.2021  
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 (72) FORREST, Brock Alan; LU, Xijia; FETVEDT, Jeremy Eron; RAFATI, Navid  
 (74) FB Rice Pty Ltd

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 (21) 2020290135

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(71) Abbott Diabetes Care Inc.  
 (11) AU-B-2024202384  
 (21) 2024202384 (22) 11.04.2024  
 (54) Method and apparatus for determining medication dose information  
 (51) Int. Cl.  
     **A61M 31/00** ( 2006.01 )  
 (43) 02.05.2024  
 (44) 18.12.2025  
 (62) 2021266271  
 (72) TAUB, Marc Barry; BUDIMAN, Erwin Satrya; KARAN, Jai; DUNN, Timothy Christian  
 (74) FPA Patent Attorneys Pty Ltd

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(71) ABBOTT DIABETES CARE INC.  
 (11) AU-B-2021410547  
 (21) 2021410547 (22) 15.06.2021  
 (54) ANALYTE SENSORS WITH REDUCED INTERFERENT SIGNAL AND METHODS  
 (51) Int. Cl.  
     **A61B 5/1486** ( 2006.01 )  
     **A61B 5/1468** ( 2006.01 )  
     **G01N 33/487** ( 2006.01 )  
 (87) WO2022/139876  
 (31) 63/129,874 (32) 23.12.20 (33) US  
 (43) 30.06.2022  
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 (72) HOSS, Udo; OUYANG, Tianmei; FELDMAN, Benjamin, J.; QIAN, Suyue  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Abiomed, Inc.  
 (11) AU-B-2020260148  
 (21) 2020260148 (22) 17.04.2020  
 (54) Variable-stiffness distal extension for a blood pump system  
 (51) Int. Cl.  
     **A61M 60/135** ( 2021.01 )  
     **A61M 60/205** ( 2021.01 )  
     **A61M 60/50** ( 2021.01 )  
     **A61M 60/857** ( 2021.01 )  
 (87) WO2020/214943  
 (31) 62/835,636 (32) 18.04.19 (33) US  
 (43) 22.10.2020  
 (44) 18.12.2025  
 (72) SHIP, Alexander; TAO, Zenghong  
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-B-2020302901  
 (21) 2020302901 (22) 26.06.2020  
 (54) Optical sensor assembly in catheter-based medical devices  
 (51) Int. Cl.  
     **A61M 60/13** ( 2021.01 )  
     **A61M 60/216** ( 2021.01 )  
     **A61M 60/237** ( 2021.01 )  
     **A61M 60/411** ( 2021.01 )  
     **A61M 60/414** ( 2021.01 )  
     **A61M 60/515** ( 2021.01 )  
     **A61M 60/816** ( 2021.01 )  
     **A61M 60/865** ( 2021.01 )  
 (87) WO2020/264316  
 (31) 62/868,517 (32) 28.06.19 (33) US  
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 (43) 30.12.2020  
 (44) 18.12.2025  
 (72) ZHANG, Tao; TAO, Zhenghong; DAS, Soumen  
 (74) Davies Collison Cave Pty Ltd

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(71) Abliva AB  
 (11) AU-B-2020298031  
 (21) 2020298031 (22) 18.06.2020  
 (54) Succinate prodrug, compositions containing the succinate prodrug and uses thereof  
 (51) Int. Cl.  
     **C07C 327/30** ( 2006.01 )  
     **A61K 31/16** ( 2006.01 )  
     **A61P 3/00** ( 2006.01 )  
 (87) WO2020/254484  
 (31) PA201970382 (32) 19.06.19 (33) DK  
     PA201970383 19.06.19 DK  
     PA201970384 19.06.19 DK  
 (43) 24.12.2020  
 (44) 18.12.2025  
 (72) HANSSON, Magnus Joakim; GRÖNBERG, Alvar; ELMÉR, Mats Eskil; FARMERY, Mark Richard; MOSS, Steven James; WEBSTER, Lee Robert; GREGORY, Matthew Alan  
 (74) Davies Collison Cave Pty Ltd

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 (21) 2020407868

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(71) ABS Global, Inc.  
 (11) AU-B-2023270339  
 (21) 2023270339 (22) 24.11.2023  
 (54) Microfluidic system and method with focused energy apparatus  
 (51) Int. Cl.  
     **G01N 15/14** ( 2006.01 )  
 (43) 14.12.2023  
 (44) 18.12.2025  
 (62) 2022228097  
 (72) David APPLEYARD; Jeff BETTHAUSER; Marjorie FAUST; John LARSEN;

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Guocheng SHAO; Zheng XIA; Yu ZHOU  
**(74)** Spruson & Ferguson

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**(71)** ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD.  
**(11)** AU-B-2022387575  
**(21)** 2022387575 **(22)** 01.11.2022  
**(54)** J-T SLOT POSITION-ADJUSTABLE CRYOABLATION NEEDLE  
**(51)** Int. Cl.  
**A61B 18/02** ( 2006.01 )  
**(87)** WO2023/083050  
**(31)** 202111329752.9 **(32)** 11.11.21 **(33)** CN  
**(43)** 19.05.2023  
**(44)** 18.12.2025  
**(72)** YANG, Chi; CHANG, Zhaohua  
**(74)** Madderns Pty Ltd

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**(71)** ACER INCORPORATED  
**(11)** AU-B-2024202907  
**(21)** 2024202907 **(22)** 02.05.2024  
**(54)** Communication device and method for handling evaluations for candidate target primary secondary cells  
**(51)** Int. Cl.  
**H04W 76/11** ( 2018.01 )  
**H04W 36/00** ( 2009.01 )  
**H04W 76/10** ( 2018.01 )  
**H04W 76/15** ( 2018.01 )  
**(31)** 63/464,638 **(32)** 08.05.23 **(33)** US  
 18/636,163 15.04.24 US  
**(43)** 28.11.2024  
**(44)** 18.12.2025  
**(72)** LIN, Jung-Mao  
**(74)** Griffith Hack

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**(71)** ADEKA CORPORATION; NIHON NO-HYAKU CO., LTD.  
**(11)** AU-B-2022428605  
**(21)** 2022428605 **(22)** 26.12.2022  
**(54)** ARYL CYCLOHEXANEDIONE DERIVATIVE OR SALT THEREOF, PEST CONTROL AGENT CONTAINING SAID COMPOUND, AND METHOD FOR USING SAME  
**(51)** Int. Cl.  
**C07C 235/82** ( 2006.01 )  
**A01N 37/22** ( 2006.01 )  
**A01N 37/24** ( 2006.01 )  
**A01N 43/16** ( 2006.01 )  
**A01N 43/30** ( 2006.01 )  
**A01N 43/40** ( 2006.01 )  
**A01N 43/56** ( 2006.01 )  
**A01N 47/02** ( 2006.01 )  
**A01N 47/16** ( 2006.01 )  
**A01P 5/00** ( 2006.01 )  
**A01P 7/04** ( 2006.01 )  
**A61K 31/167** ( 2006.01 )  
**A61K 31/357** ( 2006.01 )  
**A61K 31/44** ( 2006.01 )  
**A61P 33/14** ( 2006.01 )  
**C07C 317/40** ( 2006.01 )  
**C07C 323/40** ( 2006.01 )  
**C07C 327/48** ( 2006.01 )  
**C07D 213/81** ( 2006.01 )  
**C07D 317/66** ( 2006.01 )  
**(87)** WO2023/127808  
**(31)** 2021-214985 **(32)** 28.12.21 **(33)** JP

**(43)** 06.07.2023  
**(44)** 18.12.2025  
**(72)** HARA, Kenji; SUGIHARA, Kousuke; MASUDA, Tsuyoshi; FUJII, Kazuki; FUKATSU, Kosuke  
**(74)** Griffith Hack

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**(71)** Adjuvant Biotechnology Pty Ltd  
**(11)** AU-B-2021329993  
**(21)** 2021329993 **(22)** 27.08.2021  
**(54)** Compounds for and methods of treating diseases  
**(51)** Int. Cl.  
**C07D 215/40** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 209/16** ( 2006.01 )  
**C07D 213/53** ( 2006.01 )  
**C07D 215/12** ( 2006.01 )  
**C07D 221/04** ( 2006.01 )  
**C07D 233/64** ( 2006.01 )  
**C07D 237/10** ( 2006.01 )  
**C07D 239/26** ( 2006.01 )  
**C07D 241/12** ( 2006.01 )  
**C07D 261/18** ( 2006.01 )  
**C07D 277/28** ( 2006.01 )  
**C07D 277/64** ( 2006.01 )  
**C07D 285/06** ( 2006.01 )  
**C07D 307/52** ( 2006.01 )  
**C07D 317/68** ( 2006.01 )  
**C07D 333/28** ( 2006.01 )  
**C07D 333/38** ( 2006.01 )  
**C07D 333/58** ( 2006.01 )  
**C07D 471/04** ( 2006.01 )  
**C07D 491/052** ( 2006.01 )  
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**(87)** WO2022/040747  
**(31)** 2020903058 **(32)** 27.08.20 **(33)** AU  
**(43)** 03.03.2022  
**(44)** 18.12.2025  
**(72)** BOND, Silas; HUGGINS, Penelope Jane; PARSONS, Jack Gordon  
**(74)** Griffith Hack

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**(71)** Adobe Inc.  
**(11)** AU-B-2023202098  
**(21)** 2023202098 **(22)** 05.04.2023  
**(54)** NEURAL NETWORKS TO GENERATE APPEARANCE-RESPONSIVE MATERIAL MAP SETS IN DIGITAL GRAPHICAL ENVIRONMENTS  
**(51)** Int. Cl.  
**G06T 15/04** ( 2011.01 )  
**G06N 3/09** ( 2023.01 )  
**G06N 20/00** ( 2019.01 )  
**(31)** 17/835,754 **(32)** 08.06.22 **(33)** US  
**(43)** 18.01.2024  
**(44)** 18.12.2025  
**(72)** Faury, Robin; Boubekeur, Tamy; Levallois, Jeremy; Gauthier, Alban; Thonat, Theo  
**(74)** RnB IP Pty Ltd

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**(71)** Advanced BioDesign  
**(11)** AU-B-2020322170  
**(21)** 2020322170 **(22)** 31.07.2020  
**(54)** Aminothiolester compounds and uses thereof  
**(51)** Int. Cl.  
**C07D 213/34** ( 2006.01 )

**A61K 31/255** ( 2006.01 )  
**A61K 31/4402** ( 2006.01 )  
**A61K 31/4406** ( 2006.01 )  
**A61K 31/4409** ( 2006.01 )  
**A61K 47/50** ( 2017.01 )  
**A61P 35/00** ( 2006.01 )  
**C07C 327/22** ( 2006.01 )  
**C07D 213/59** ( 2006.01 )  
**(87)** WO2021/019071  
**(31)** 19305989.6 **(32)** 31.07.19 **(33)** EP  
**(43)** 04.02.2021  
**(44)** 18.12.2025  
**(72)** CEYLAN, Ismail; MARTIN, Guillaume; PEREZ, Mileidy; BERROU, Axelle  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** Agilent Technologies, Inc.  
**(11)** AU-B-2021324653  
**(21)** 2021324653 **(22)** 09.08.2021  
**(54)** Pressure-based liquid level detection  
**(51)** Int. Cl.  
**G01F 23/16** ( 2006.01 )  
**G01L 7/18** ( 2006.01 )  
**G01N 1/10** ( 2006.01 )  
**(87)** WO2022/035768  
**(31)** 63/063,742 **(32)** 10.08.20 **(33)** US  
**(43)** 17.02.2022  
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**(72)** SHELDON, Brian; JOHANNSEN, Michal; WU, Andy  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** AgResearch Limited  
**(11)** AU-B-2020371294  
**(21)** 2020371294 **(22)** 22.10.2020  
**(54)** Methods for improving photosynthetic organisms  
**(51)** Int. Cl.  
**C12N 15/82** ( 2006.01 )  
**A01H 1/00** ( 2006.01 )  
**A01H 5/00** ( 2018.01 )  
**A01H 13/00** ( 2006.01 )  
**A23D 9/00** ( 2006.01 )  
**C07K 14/415** ( 2006.01 )  
**(87)** WO2021/079297  
**(31)** 2019904013 **(32)** 25.10.19 **(33)** AU  
**(43)** 29.04.2021  
**(44)** 18.12.2025  
**(72)** ROBERTS, Nicholas John; WINICHAYAKUL, Somrutai; BEECHEY-GRADWELL, Zacharia D'Arcy; COONEY, Luke James  
**(74)** Foote Intellectual Property Limited

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**(71)** Agriculture Investments Limited  
**(11)** AU-B-2021225176  
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**(54)** Vertical Farming Apparatus And A Method Of Vertical Farming  
**(51)** Int. Cl.  
**A01G 9/02** ( 2018.01 )  
**A01G 7/02** ( 2006.01 )  
**(31)** 2014046.3 **(32)** 07.09.20 **(33)** GB  
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**(72)** MOORE, David James  
**(74)** MBIP

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 (11) AU-B-2020255671  
 (21) 2020255671 (22) 31.03.2020  
 (54) Biological sample capturing device  
 (51) Int. Cl.  
     **A61B 5/097** ( 2006.01 )  
     **A61B 5/083** ( 2006.01 )  
     **A61D 99/00** ( 2006.01 )  
 (87) WO2020/198790  
 (31) 2019901085 (32) 31.03.19 (33) AU  
 (43) 08.10.2020  
 (44) 18.12.2025  
 (72) DARLINGTON, Bronwyn  
 (74) JMSD IP Pty Ltd

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(71) AGS Energy (Ireland) Limited  
 (11) AU-B-2020331697  
 (21) 2020331697 (22) 19.08.2020  
 (54) A gasification apparatus and method  
 (51) Int. Cl.  
     **C10J 3/00** ( 2006.01 )  
     **C10J 3/72** ( 2006.01 )  
     **F23G 5/027** ( 2006.01 )  
 (87) WO2021/032770  
 (31) 19192811.8 (32) 21.08.19 (33) EP  
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 (72) MCNAMARA, Edward  
 (74) Phillips Ormonde Fitzpatrick

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(71) AIC246 AG & CO. KG  
 (11) AU-B-2022419177  
 (21) 2022419177 (22) 21.12.2022  
 (54) PHARMACEUTICAL COMPOSITIONS  
 COMPRISING 2-[(4S)-8-FLUORO-2-[4-(3-METHOXYPHENYL)PIPERAZIN-1-YL]-3-[2-METHOXY-5-(TRIFLUOROMETHYL)PHENYL]-4H-QUINAZOLIN-4-YL]ACETATE AND POTASSIUM IONS  
 (51) Int. Cl.  
     **A61K 9/00** ( 2006.01 )  
     **A61K 9/08** ( 2006.01 )  
     **A61K 31/517** ( 2006.01 )  
     **A61K 47/18** ( 2017.01 )  
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     **A61P 31/12** ( 2006.01 )  
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 (31) 21216336.4 (32) 21.12.21 (33) EP  
 (43) 29.06.2023  
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 (72) BUSCHMANN, Helmut; GOLDNER, Thomas; CERÓN BERTRAN, Jordi Carles  
 (74) Davies Collison Cave Pty Ltd

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(71) Air Products and Chemicals, Inc.  
 (11) AU-B-2023266324  
 (21) 2023266324 (22) 16.11.2023  
 (54) Process and Apparatus for Cracking Ammonia  
 (51) Int. Cl.  
     **C01B 3/04** ( 2006.01 )  
     **B01J 8/04** ( 2006.01 )  
     **B01J 8/06** ( 2006.01 )

**C01B 3/58** ( 2006.01 )  
**F23C 13/00** ( 2006.01 )  
 (31) 17/990,815 (32) 21.11.22 (33) US  
 (43) 06.06.2024  
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 (72) Vincent White; Andrew Shaw; Simon Craig Saloway  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Air Products and Chemicals, Inc.  
 (11) AU-B-2023282308  
 (21) 2023282308 (22) 15.12.2023  
 (54) APPARATUS AND PROCESS TO PROVIDE COOLING WATER FOR AMMONIA AND OR HYDROGEN PRODUCTION  
 (51) Int. Cl.  
     **F28D 20/00** ( 2006.01 )  
     **C01C 1/04** ( 2006.01 )  
     **C25B 1/04** ( 2021.01 )  
 (31) 18/085,690 (32) 21.12.22 (33) US  
 (43) 11.07.2024  
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 (72) Wilson, Graeme Richard; Haryett, Nicolas John; Akhurst, Matthew William  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Air Products and Chemicals, Inc.  
 (11) AU-B-2024203134  
 (21) 2024203134 (22) 12.05.2024  
 (54) HIGH-POWER RECTIFICATION ARRANGEMENT FOR AN ELECTROLYSIS SYSTEM  
 (51) Int. Cl.  
     **H02M 7/28** ( 2006.01 )  
 (31) 18/197,802 (32) 16.05.23 (33) US  
 (43) 05.12.2024  
 (44) 18.12.2025  
 (72) Fekriasi, Sajjad; Hashiesh, Fahd  
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Akeso Biopharma, Inc.  
 (11) AU-B-2019276486  
 (21) 2019276486 (22) 24.05.2019  
 (54) Anti-interleukin-17A antibody, pharmaceutical composition thereof and use thereof  
 (51) Int. Cl.  
     **C07K 16/24** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 19/02** ( 2006.01 )  
     **A61P 29/00** ( 2006.01 )  
     **C12N 15/13** ( 2006.01 )  
     **G01N 33/68** ( 2006.01 )  
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 (51) Int. Cl.  
     **A61K 48/00** ( 2006.01 )  
     **A61K 9/00** ( 2006.01 )  
     **A61K 39/395** ( 2006.01 )  
     **A61P 27/16** ( 2006.01 )  
     **C12N 15/113** ( 2010.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2024202368 (22) 11.04.2024  
 (54) Method for manufacturing a carpet or a rug and a carpet or rug obtained thereby  
 (51) Int. Cl.  
     **D05C 17/02** ( 2006.01 )  
     **D04H 1/48** ( 2012.01 )  
     **D04H 11/00** ( 2006.01 )  
     **D06N 7/00** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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(71) Alarm.com Incorporated  
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 (54) Dynamic video exclusion zones for privacy  
 (51) Int. Cl.  
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 (43) 30.12.2020  
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 (72) TRUNDLE, Stephen Scott; MADDEN, Donald Gerard; KERZNER, Daniel Todd; BERG, Benjamin Asher  
 (74) RnB IP Pty Ltd

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(71) Alcon Inc.  
 (11) AU-B-2020307330  
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 (54) IOL injector plunger having IOL compression arms  
 (51) Int. Cl.  
     **A61F 2/16** ( 2006.01 )  
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 (11) AU-B-2020358360

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 (51) Int. Cl.  
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 (72) HALL, Max; PADRICK, Thomas; SARVER, Edwin Jay  
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 (51) Int. Cl.  
     **C07C 271/22** ( 2006.01 )  
     **C07D 217/02** ( 2006.01 )  
     **C07D 295/027** ( 2006.01 )  
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 (72) MCCLURE, Michael Scott; MINKLER, Daniel Francis; HAXELL, Thomas Francis Nelson  
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 (54) Gene targeting  
 (51) Int. Cl.  
     **C12N 15/62** ( 2006.01 )  
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     **C12N 15/82** ( 2006.01 )  
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 (31) 18175623.0 (32) 01.06.18 (33) EP  
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Gene targeting  
 (51) Int. Cl.  
     **C12N 9/22** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd

(71) Aligos Therapeutics, Inc.  
 (11) AU-B-2020267486  
 (21) 2020267486 (22) 06.05.2020

(54) Modified cyclic dinucleoside compounds as STING modulators  
 (51) Int. Cl.  
     **C07H 19/207** ( 2006.01 )  
     **A61K 31/7084** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07F 9/6574** ( 2006.01 )  
     **C07H 19/23** ( 2006.01 )  
     **C07H 21/02** ( 2006.01 )  
     **C07H 21/04** ( 2006.01 )  
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(71) ALK-ABELLÓ A/S  
 (11) AU-B-2023307356  
 (21) 2023307356 (22) 11.07.2023  
 (54) AUTOINJECTOR  
 (51) Int. Cl.  
     **A61M 5/32** ( 2006.01 )  
     **A61M 5/20** ( 2006.01 )  
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 (31) 22184367.5 (32) 12.07.22 (33) EP  
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 (74) Intellepro Patent & Trade Mark Attorneys

(71) Alnylam Pharmaceuticals, Inc.  
 (11) AU-B-2024200717  
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 (54) Factor XII (Hageman Factor) (F12), Kallikrein B, plasma (Fletcher Factor) 1 (KLKB1), and Kininogen 1 (KNG1) iRNA compositions and methods of use thereof  
 (51) Int. Cl.  
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     **C12N 15/113** ( 2010.01 )  
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 (51) Int. Cl.  
     **C07K 14/705** ( 2006.01 )  
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-B-2023289270  
 (21) 2023289270 (22) 21.06.2023  
 (54) N-TERMINAL AND/OR C-TERMINAL CLEAVED SOLUBLE PH20 POLYPEPTIDE AND USE THEREOF  
 (51) Int. Cl.  
     **C12N 9/26** ( 2006.01 )  
     **C07K 14/47** ( 2006.01 )  
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 (72) PARK, Soon Jae; KIM, Kyuwan; YUN, Sang Hoon; SONG, Hyung-Nam  
 (74) Madderns Pty Ltd

(71) Alternative Gene Expression S.L.  
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 (21) 2020325949 (22) 03.07.2020  
 (54) Container for transporting and inoculating pupae  
 (51) Int. Cl.  
     **A01K 67/30** ( 2025.01 )  
     **B65D 1/36** ( 2006.01 )  
     **B65D 21/02** ( 2006.01 )  
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 (74) Spruson & Ferguson

(71) Amgen Inc.  
 (11) AU-B-2019246983  
 (21) 2019246983 (22) 01.04.2019  
 (54) Erenumab compositions and uses thereof  
 (51) Int. Cl.  
     **C07K 16/06** ( 2006.01 )  
     **A61P 25/06** ( 2006.01 )  
     **C07K 16/18** ( 2006.01 )  
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 (31) 62/651,651 (32) 02.04.18 (33) US  
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 (21) 2019398101 (22) 09.12.2019  
 (54) Mutated piggybac transposase  
 (51) Int. Cl.  
     **C12N 9/22** ( 2006.01 )  
     **C12N 15/85** ( 2006.01 )

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**(31)** 62/777,325 **(32)** 10.12.18 **(33)** US  
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**(43)** 18.06.2020  
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**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
**(11)** AU-B-2020254517  
**(21)** 2020254517 **(22)** 27.03.2020  
**(54)** Predicting cell culture performance in bioreactors  
**(51)** Int. Cl.  
**G01N 33/50** ( 2006.01 )  
**G05B 13/04** ( 2006.01 )  
**G05B 17/02** ( 2006.01 )  
**G06N 3/00** ( 2006.01 )  
**G06N 7/04** ( 2006.01 )  
**G06N 20/00** ( 2019.01 )  
**(87)** WO2020/205611  
**(31)** 62/826,910 **(32)** 29.03.19 **(33)** US  
**(43)** 08.10.2020  
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**(72)** JOHNSON, William Leigh; CARCAMO BEHRENS, Martin Rodrigo  
**(74)** Spruson & Ferguson

**(71)** Amgen Inc.  
**(11)** AU-B-2020372414  
**(21)** 2020372414 **(22)** 23.10.2020  
**(54)** Configurable handheld biological analyzers for identification of biological products based on Raman spectroscopy  
**(51)** Int. Cl.  
**G01J 3/02** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**G01J 3/06** ( 2006.01 )  
**G01N 21/31** ( 2006.01 )  
**G01N 21/65** ( 2006.01 )  
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**(43)** 29.04.2021  
**(44)** 18.12.2025  
**(72)** SOTO, Robert; MERIAGE, David  
**(74)** Spruson & Ferguson

**(71)** AMO Groningen B.V.  
**(11)** AU-B-2020416057  
**(21)** 2020416057 **(22)** 01.12.2020  
**(54)** Multi-region refractive lenses for vision treatment, method and system for fabricating the same  
**(51)** Int. Cl.  
**A61F 2/16** ( 2006.01 )  
**G02C 7/02** ( 2006.01 )  
**G02C 7/04** ( 2006.01 )  
**(87)** WO2021/136627  
**(31)** 62/955,327 **(32)** 30.12.19 **(33)** US  
**(43)** 08.07.2021  
**(44)** 18.12.2025  
**(72)** ROSEN, Robert; GOUNOU, Franck  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** AMO Groningen B.V.  
**(11)** AU-B-2020418360  
**(21)** 2020418360 **(22)** 16.11.2020  
**(54)** Achromatic lenses for vision treatment  
**(51)** Int. Cl.  
**G02C 7/04** ( 2006.01 )  
**A61F 2/16** ( 2006.01 )  
**(87)** WO2021/136616  
**(31)** 62/955,341 **(32)** 30.12.19 **(33)** US  
**(43)** 08.07.2021  
**(44)** 18.12.2025  
**(72)** ROSEN, Robert; GOUNOU, Franck  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** AMOSENSE CO., LTD.  
**(11)** AU-B-2022276981  
**(21)** 2022276981 **(22)** 18.05.2022  
**(54)** ASSET TRACKING SYSTEM AND METHOD  
**(51)** Int. Cl.  
**G01S 5/02** ( 2010.01 )  
**G01S 5/00** ( 2006.01 )  
**G01S 13/02** ( 2006.01 )  
**G01S 13/76** ( 2006.01 )  
**G01S 19/24** ( 2010.01 )  
**H04W 4/029** ( 2018.01 )  
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**(31)** 10-2021-0065696 **(32)** 21.05.21 **(33)** KR  
 10-2021-0065699 21.05.21 KR  
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**(43)** 24.11.2022  
**(44)** 18.12.2025  
**(72)** LEE, Sangyeoll  
**(74)** FB Rice Pty Ltd

**(71)** AMTIXBIO CO., LTD.  
**(11)** AU-B-2021408790  
**(21)** 2021408790 **(22)** 27.12.2021  
**(54)** NOVEL DERIVATIVE COMPOUND HAVING BIPHENYL GROUP INTRODUCED INTO AMINO-ALKANOIC ACID AND ANTI-INFLAMMATORY COMPOSITION COMPRISING SAME  
**(51)** Int. Cl.  
**A61K 31/165** ( 2006.01 )  
**A61P 17/00** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 37/08** ( 2006.01 )  
**(87)** WO2022/139564  
**(31)** 10-2020-0184007 **(32)** 25.12.20 **(33)** KR  
**(43)** 30.06.2022  
**(44)** 18.12.2025  
**(72)** LEE, Jongseung; KIM, Dahee; SEO, Kyoung Hee  
**(74)** Spruson & Ferguson

**(71)** Amunix Pharmaceuticals, Inc.  
**(11)** AU-B-2023201227  
**(21)** 2023201227 **(22)** 28.02.2023  
**(54)** Chimeric polypeptide assembly and methods of making and using the same  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61K 38/24** ( 2006.01 )  
**(43)** 25.05.2023

**(44)** 18.12.2025  
**(62)** 2016315656  
**(72)** Schellenberger, Volker; Yang, Fan; Thayer, Desiree; Sim, Bee-cheng; Wang, Chia-wei  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Anavex Life Sciences Corp.  
**(11)** AU-B-2019269739  
**(21)** 2019269739 **(22)** 20.05.2019  
**(54)** Optimized sigma-1 agonist method of responder selection and treatment  
**(51)** Int. Cl.  
**G01N 33/49** ( 2006.01 )  
**C12Q 1/6876** ( 2018.01 )  
**C12Q 1/6883** ( 2018.01 )  
**(87)** WO2019/222754  
**(31)** 62/673,369 **(32)** 18.05.18 **(33)** US  
**(43)** 21.11.2019  
**(44)** 18.12.2025  
**(72)** MISSLING, Christopher U.; AFSHAR, Mohammad Michel; PARMENTIER, Frédéric  
**(74)** RNB IP PTY LTD

**(71)** Anduril Industries, Inc.  
**(11)** AU-B-2024219595  
**(21)** 2024219595 **(22)** 11.09.2024  
**(54)** AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS  
**(51)** Int. Cl.  
**B64C 3/56** ( 2006.01 )  
**(43)** 03.10.2024  
**(44)** 18.12.2025  
**(62)** 2023200510  
**(72)** Alley, Nicholas Robert; Steele, Joshua Lemming; Williams, Jesse Owen; Kuehme, Daniel; Phillips, Jonathan Caleb  
**(74)** Intellepro Patent & Trade Mark Attorneys

**(71)** Annexon, Inc.; The Regents of the University of California  
**(11)** AU-B-2019370485  
**(21)** 2019370485 **(22)** 01.11.2019  
**(54)** Compositions and methods for treating brain injury  
**(51)** Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61K 31/7105** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/532** ( 2006.01 )  
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**(43)** 07.05.2020  
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**(74)** Pearce IP Pty Ltd

**(71)** ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.; ANSTEEL GROUP MINING CORPORATION LIMITED  
**(11)** AU-B-2023387762

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 (54) MAGNETIC SEPARATION-ELECTRIC SEPARATION TECHNOLOGY FOR COMPLEX REFRACTORY IRON ORE  
 (51) Int. Cl.  
**B03C 1/005** ( 2006.01 )  
**C22B 1/02** ( 2006.01 )  
**C22B 5/02** ( 2006.01 )  
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 (72) LIU, Jianjun; FU, Guohui; YANG, Xiaofeng; XU, Liansheng; YAO, Qiang; CHAI, Qingping  
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(71) Anticimex Innovation Center A/S  
 (11) AU-B-2020311551  
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 (54) Rodent trap  
 (51) Int. Cl.  
**A01M 23/30** ( 2006.01 )  
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 (72) BJERRE, Rasmus Skou; KISLING-MØLLER, Kristian  
 (74) Davies Collison Cave Pty Ltd

(71) AO Technology AG  
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 (21) 2020390870 (22) 24.11.2020  
 (54) Biphasic bone plate  
 (51) Int. Cl.  
**A61B 17/80** ( 2006.01 )  
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 (44) 18.12.2025  
 (72) WINDOLF, Markus; EPARI, Devakara  
 (74) Phillips Ormonde Fitzpatrick

(71) Apple Inc.  
 (11) AU-B-2023285697  
 (21) 2023285697 (22) 18.12.2023  
 (54) Context-specific user interfaces  
 (51) Int. Cl.  
**G06F 3/0484** ( 2022.01 )  
**G04G 9/00** ( 2006.01 )  
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 (72) Wilson, Christopher; Butcher, Gary lan; Chen, Kevin Will; Chaudhri, Imran; Dye, Alan C.; Guzman, Aurelio; Ive, Jonathan P.; Karunamuni, Chana-ka G.; Kocienda, Kenneth; Lynch, Kevin; Mari, Pedro; Sabatelli, Alessandro;

Schmitt, Brian; Wilson, Eric Lance; Yang, Lawrence Y.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2024204396  
 (21) 2024204396 (22) 26.06.2024  
 (54) Handwriting entry on an electronic device  
 (51) Int. Cl.  
**G06F 3/0488** ( 2022.01 )  
 (43) 18.07.2024  
 (44) 18.12.2025  
 (62) 2023204314  
 (72) MISSIG, Julian; STAUBER, Matan; ARDAUD, Guillaume; BERNSTEIN, Jeffrey Traer; LU, Marisa Rei; LI, Jiabao; SHARMA, Praveen; SOLI, Christopher D.; LEMAY, Stephen O.; PRESTON, Daniel Trent; BLEKKEN, Peder  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2024204397  
 (21) 2024204397 (22) 26.06.2024  
 (54) Handwriting entry on an electronic device  
 (51) Int. Cl.  
**G06F 3/0488** ( 2022.01 )  
 (43) 18.07.2024  
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 (72) MISSIG, Julian; STAUBER, Matan; ARDAUD, Guillaume; BERNSTEIN, Jeffrey Traer; LU, Marisa Rei; LI, Jiabao; SHARMA, Praveen; SOLI, Christopher D.; LEMAY, Stephen O.; PRESTON, Daniel Trent; BLEKKEN, Peder  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2024205134  
 (21) 2024205134 (22) 26.07.2024  
 (54) Watch theater mode  
 (51) Int. Cl.  
**G09G 5/02** ( 2006.01 )  
**G06F 3/14** ( 2006.01 )  
**G09G 5/10** ( 2006.01 )  
 (43) 15.08.2024  
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 (72) MCATEE, Kevin Tyler; GOWREE-SUNKER, Baboo; LAMB, Michael J.; SCHORSCH, Brent W.; LYNCH, Kevin  
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.  
 (11) AU-B-2024205611  
 (21) 2024205611 (22) 08.08.2024  
 (54) Providing a remote keyboard service  
 (51) Int. Cl.  
**G06F 3/0488** ( 2022.01 )  
**H04M 1/725** ( 2021.01 )  
**H04N 21/41** ( 2011.01 )  
**H04W 4/00** ( 2018.01 )  
**G06F 3/0489** ( 2022.01 )  
**G06F 9/44** ( 2018.01 )

**G06Q 30/00** ( 2023.01 )  
**H04W 12/06** ( 2021.01 )  
**H04W 12/08** ( 2021.01 )  
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 (62) 2023203215  
 (72) Sanciangco, Alexander D.; Bradley, Bob; Krochmal, Marc J.; Clarke, Graham  
 (74) FPA Patent Attorneys Pty Ltd

(71) APPLE INC.  
 (11) AU-B-2025271324  
 (21) 2025271324 (22) 26.11.2025  
 (54) Scalable system on a chip  
 (51) Int. Cl.  
**G06F 3/06** ( 2006.01 )  
**G06F 13/10** ( 2006.01 )  
**G06F 15/78** ( 2006.01 )  
 (43) 18.12.2025  
 (44) 18.12.2025  
 (62) 2022332113  
 (72) HAMMARLUND, Per H.; ZIMET, Lior; KOLOR, Sergio; LAHAV, Sagi; VASH, James; GARG, Gaurav; KUZU, Tal; GONION, Jeffrey E.; TUCKER, Charles E.; LEVY-RUBIN, Lital; DAVIDOV, Dany; FISHWICK, Steven; LESHEM, Nir; PILIP, Mark; WILLIAMS III, Gerard R.; KAUSHIKKAR, Harshavardhan; SRIDHARAN, Srinivasa Rangan; TAMARI, Eran; TOTA, Sergio V.; REDSHAW, Jonathan M.; HUTSELL, Steven R.; FUKAMI, Shawn M.; GUNNA, Ramesh B.  
 (74) FPA Patent Attorneys Pty Ltd

(71) APPLE INC.  
 (11) AU-B-2025271328  
 (21) 2025271328 (22) 26.11.2025  
 (54) Scalable system on a chip  
 (51) Int. Cl.  
**G06F 3/06** ( 2006.01 )  
**G06F 13/10** ( 2006.01 )  
**G06F 15/78** ( 2006.01 )  
 (43) 18.12.2025  
 (44) 18.12.2025  
 (62) 2022332113  
 (72) HAMMARLUND, Per H.; ZIMET, Lior; KOLOR, Sergio; LAHAV, Sagi; VASH, James; GARG, Gaurav; KUZU, Tal; GONION, Jeffrey E.; TUCKER, Charles E.; LEVY-RUBIN, Lital; DAVIDOV, Dany; FISHWICK, Steven; LESHEM, Nir; PILIP, Mark; WILLIAMS III, Gerard R.; KAUSHIKKAR, Harshavardhan; SRIDHARAN, Srinivasa Rangan; TAMARI, Eran; TOTA, Sergio V.; REDSHAW, Jonathan M.; HUTSELL, Steven R.; FUKAMI, Shawn M.; GUNNA, Ramesh B.  
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation  
 (11) AU-B-2024200186  
 (21) 2024200186 (22) 11.01.2024  
 (54) Reload shaft assembly for surgical stapler  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**A61B 17/00** ( 2006.01 )  
**A61B 1/00** ( 2006.01 )  
**A61B 1/12** ( 2006.01 )  
**A61B 1/253** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 17/06** ( 2006.01 )  
**A61F 2/00** ( 2006.01 )  
**A61F 2/04** ( 2013.01 )  
**A61F 13/20** ( 2006.01 )  
**A61F 13/472** ( 2006.01 )  
**A61F 13/475** ( 2006.01 )  
**A61F 13/494** ( 2006.01 )  
**A61F 13/513** ( 2006.01 )  
**A61F 13/56** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**(43)** 01.02.2024  
**(44)** 18.12.2025  
**(62)** 2022201096  
**(72)** JASEMIAN, Babak D.; DECKER, Steven E.; PATEL, Atal C.; NELSON, Erik; MCCARTHY, Andrew J.; ZIMMERMAN, Scott; HOPKINS, Timothy M.; SCHOBER, Joshua M.; WEISS, Eric J.; BECERRA, Matthew M.; REED, Christina N.  
**(74)** Griffith Hack

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**(71)** Applied Medical Resources Corporation  
**(11)** AU-B-2024216541  
**(21)** 2024216541 **(22)** 02.09.2024  
**(54)** Surgical stapler having actuation mechanism with rotatable shaft  
**(51)** Int. Cl.  
**A61B 17/068** ( 2006.01 )  
**(43)** 19.09.2024  
**(44)** 18.12.2025  
**(62)** 2022204273  
**(72)** Patel, Atal; Covach, Jonathan; Reed, Christina N.; Johnson, Gary M.; Becerra, Matthew M.  
**(74)** Griffith Hack

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**(71)** Aquatec Management Pty Ltd  
**(11)** AU-B-2024205848  
**(21)** 2024205848 **(22)** 16.08.2024  
**(54)** A PRE-CAST CONCRETE PUMP STATION  
**(51)** Int. Cl.  
**E03F 5/22** ( 2006.01 )  
**E03F 5/00** ( 2006.01 )  
**E04B 1/04** ( 2006.01 )  
**E04G 11/08** ( 2006.01 )  
**E04H 7/18** ( 2006.01 )  
**E03B 3/03** ( 2006.01 )  
**E03F 11/00** ( 2006.01 )  
**(31)** 2023902614 **(32)** 17.08.23 **(33)** AU  
**(43)** 06.03.2025  
**(44)** 18.12.2025  
**(72)** Seeley, Bruce Cedric; Seeley, Harvey James  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** Aquis Systems AG  
**(11)** AU-B-2024219324  
**(21)** 2024219324 **(22)** 03.09.2024  
**(54)** Apparatus for dispensing water and method for dispensing water  
**(51)** Int. Cl.  
**B05B 3/06** ( 2006.01 )

**B05B 1/02** ( 2006.01 )  
**B05B 7/26** ( 2006.01 )  
**(31)** 10 2023 123 734.9 **(32)** 04.09.23 **(33)** DE  
**(43)** 20.03.2025  
**(44)** 18.12.2025  
**(72)** von Tardy-Tuch, Georg; Huck, Kai; Gröning, Ingolf  
**(74)** Griffith Hack

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**(71)** Arcadyan Technology Corporation  
**(11)** AU-B-2020226979  
**(21)** 2020226979 **(22)** 31.08.2020  
**(54)** NETWORK PATH SELECTION METHOD AND NETWORK NODE DEVICE USING THE SAME  
**(51)** Int. Cl.  
**H04W 40/04** ( 2009.01 )  
**H04W 40/00** ( 2009.01 )  
**(31)** 108142894 **(32)** 26.11.19 **(33)** TW  
**(43)** 10.06.2021  
**(44)** 18.12.2025  
**(72)** HUANG, Kuo-Shu; WANG, Wen-Chieh; TSENG, Wei-Ru; TENG, Wei-Yang  
**(74)** Churchill Attorneys

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2019202933  
**(21)** 2019202933 **(22)** 26.04.2019  
**(54)** SECURE BOOTLOADER FOR ELECTRONIC GAMING MACHINES AND OTHER COMPUTING DEVICES  
**(51)** Int. Cl.  
**G06F 21/10** ( 2013.01 )  
**(31)** 16/361,124 **(32)** 21.03.19 **(33)** US  
**(43)** 08.10.2020  
**(44)** 18.12.2025  
**(72)** RIZOS, Thomas  
**(74)** James & Wells Intellectual Property

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2019202942  
**(21)** 2019202942 **(22)** 26.04.2019  
**(54)** SECURE BOOTLOADER FOR ELECTRONIC GAMING MACHINES AND OTHER COMPUTING DEVICES  
**(51)** Int. Cl.  
**G06F 21/10** ( 2013.01 )  
**A63F 13/00** ( 2014.01 )  
**(31)** 16/361,126 **(32)** 21.03.19 **(33)** US  
**(43)** 08.10.2020  
**(44)** 18.12.2025  
**(72)** RIZOS, Thomas  
**(74)** James & Wells Intellectual Property

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2019232939  
**(21)** 2019232939 **(22)** 20.09.2019  
**(54)** GAMING DEVICE WITH SYMBOL COLLECTION DURING FREE GAMES  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**(31)** 2019901012 **(32)** 26.03.19 **(33)** AU  
**(43)** 22.10.2020

**(44)** 18.12.2025  
**(72)** Loader, James; Paterson, Lauren; Kendall, Karen; Visser, Antoon  
**(74)** James & Wells Intellectual Property

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2023266390  
**(21)** 2023266390 **(22)** 17.11.2023  
**(54)** SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC BONUS GAME  
**(51)** Int. Cl.  
**G07F 17/32** ( 2006.01 )  
**A63F 13/00** ( 2014.01 )  
**(43)** 07.12.2023  
**(44)** 18.12.2025  
**(62)** 2021225256  
**(72)** T. Grant BOLLING; Michael P. CASEY  
**(74)** Griffith Hack

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2023270250  
**(21)** 2023270250 **(22)** 21.11.2023  
**(54)** AN ELECTRONIC METHOD OF GAMING, AN ELECTRONIC GAMING SYSTEM AND A GAME CONTROLLER  
**(51)** Int. Cl.  
**A63F 13/52** ( 2014.01 )  
**G06Q 30/02** ( 2023.01 )  
**G07F 17/32** ( 2006.01 )  
**(43)** 07.12.2023  
**(44)** 18.12.2025  
**(62)** 2018236750  
**(72)** Billy TAM; Liam SANDERS; Alex SIDOTI  
**(74)** Griffith Hack

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2023270334  
**(21)** 2023270334 **(22)** 24.11.2023  
**(54)** Method, device, and system for gaming  
**(51)** Int. Cl.  
**A63F 13/00** ( 2014.01 )  
**(43)** 14.12.2023  
**(44)** 18.12.2025  
**(62)** 2021232844  
**(72)** Christian James SALMON  
**(74)** Griffith Hack

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**(71)** Aristocrat Technologies Australia Pty Limited  
**(11)** AU-B-2023274211  
**(21)** 2023274211 **(22)** 01.12.2023  
**(54)** Gaming System and Method of Gaming  
**(51)** Int. Cl.  
**A63F 13/50** ( 2014.01 )  
**A63F 13/45** ( 2014.01 )  
**G07F 17/32** ( 2006.01 )  
**(43)** 21.12.2023  
**(44)** 18.12.2025  
**(62)** 2018220052  
**(72)** Daniel MARKS; Hua XU  
**(74)** Griffith Hack

Applications Accepted - Name Index cont'd

(71) Arla Foods amba  
 (11) AU-B-2020381786  
 (21) 2020381786 (22) 11.11.2020  
 (54) High protein, micellar casein-containing nutritional liquids enriched with catechin-compounds and method of production  
 (51) Int. Cl.  
**A23C 9/152** ( 2006.01 )  
**A23B 11/12** ( 2025.01 )  
**A23L 33/105** ( 2016.01 )  
**A23L 33/19** ( 2016.01 )  
 (87) WO2021/094397  
 (31) 19208354.1 (32) 11.11.19 (33) EP  
 19208351.7 11.11.19 EP  
 (43) 20.05.2021  
 (44) 18.12.2025  
 (72) ALEXANDER, Marcela  
 (74) Spruson & Ferguson

(71) Armstrong World Industries, Inc.  
 (11) AU-B-2020336073  
 (21) 2020336073 (22) 26.08.2020  
 (54) Clay containing protective coatings  
 (51) Int. Cl.  
**C09D 167/00** ( 2006.01 )  
**C08K 3/34** ( 2006.01 )  
**C08K 9/06** ( 2006.01 )  
**C09D 5/00** ( 2006.01 )  
**C09D 7/20** ( 2018.01 )  
**C09D 7/61** ( 2018.01 )  
 (87) WO2021/041472  
 (31) 62/891,586 (32) 26.08.19 (33) US  
 (43) 04.03.2021  
 (44) 18.12.2025  
 (72) HUGHES, John E.; HUNTZINGER, Suzanne M.  
 (74) Spruson & Ferguson

(71) Arqit Limited  
 (11) AU-B-2020378677  
 (21) 2020378677 (22) 06.11.2020  
 (54) A method of management of remote operations  
 (51) Int. Cl.  
**H04L 9/08** ( 2006.01 )  
**H04B 10/70** ( 2013.01 )  
 (87) WO2021/090024  
 (31) 1916309.6 (32) 08.11.19 (33) GB  
 (43) 14.05.2021  
 (44) 18.12.2025  
 (72) WILLIAMS, David; CHILDE, Barry; BESTWICK, David; YEOMANS, Andrew James Victor; IQBAL, Omar  
 (74) Dentons Patent Attorneys Australasia Limited

(71) Artec nv  
 (11) AU-B-2020332868  
 (21) 2020332868 (22) 21.08.2020  
 (54) Glycol based heat-transfer fluid comprising organic carboxylic acid or salt thereof, methods for its preparations and uses thereof  
 (51) Int. Cl.  
**C09K 5/10** ( 2006.01 )  
**C09K 5/20** ( 2006.01 )  
**C23F 11/08** ( 2006.01 )  
**C23F 11/10** ( 2006.01 )

**C23F 11/12** ( 2006.01 )  
 (87) WO2021/032886  
 (31) 19193153.4 (32) 22.08.19 (33) EP  
 (43) 25.02.2021  
 (44) 18.12.2025  
 (72) DE KIMPE, Jurgen P.; LIEVENS, Serge  
 (74) Griffith Hack

(71) Ashley Furniture Industries, LLC  
 (11) AU-B-2020223093  
 (21) 2020223093 (22) 11.02.2020  
 (54) Furniture piece with plastic spacers for drawer slides  
 (51) Int. Cl.  
**A47B 88/423** ( 2017.01 )  
**A47B 88/40** ( 2017.01 )  
**A47B 88/43** ( 2017.01 )  
 (87) WO2020/167823  
 (31) 62/804,039 (32) 11.02.19 (33) US  
 (43) 20.08.2020  
 (44) 18.12.2025  
 (72) SCOW, Bruce; KRAMER, Eric  
 (74) envantage

(71) Association Institut de Myologie  
 (11) AU-B-2020340555  
 (21) 2020340555 (22) 04.09.2020  
 (54) Method, device and apparatus for measuring segmental muscle volume  
 (51) Int. Cl.  
**A61B 5/107** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/053** ( 2021.01 )  
 (87) WO2021/044003  
 (31) 19306071.2 (32) 06.09.19 (33) EP  
 (43) 11.03.2021  
 (44) 18.12.2025  
 (72) HOGREL, Jean-Yves; BACHASSON, Damien  
 (74) Davies Collison Cave Pty Ltd

(71) AST & Science, LLC  
 (11) AU-B-2020276300  
 (21) 2020276300 (22) 15.05.2020  
 (54) Solar, electronic, RF radiator for a self-contained structure for space application array  
 (51) Int. Cl.  
**B64G 1/44** ( 2006.01 )  
**H01Q 1/28** ( 2006.01 )  
**H01Q 9/04** ( 2006.01 )  
 (87) WO2020/232388  
 (31) 62/848,317 (32) 15.05.19 (33) US  
 202030123 13.02.20 ES  
 202030124 13.02.20 ES  
 202030125 13.02.20 ES  
 62/977,860 18.02.20 US  
 62/977,864 18.02.20 US  
 62/978,081 18.02.20 US  
 (43) 19.11.2020  
 (44) 18.12.2025  
 (72) HERNANDEZ BAHLSEN, Javier; MARTINEZ DE OSABA FERNANDEZ, Aitor; HONOUR, Ryan D.; AVELLAN, Abel; YAO, Huiwen; HALPERIN, Adam H.  
 (74) Allens Patent & Trade Mark Attorneys

(71) ASTEC CO. LTD  
 (11) AU-B-2020351825  
 (21) 2020351825 (22) 25.09.2020  
 (54) Method and system for performing non-invasive genetic testing using an artificial intelligence (AI) model  
 (51) Int. Cl.  
**G06T 7/00** ( 2017.01 )  
**G06N 3/00** ( 2006.01 )  
**G16B 40/00** ( 2019.01 )  
**G16B 50/00** ( 2019.01 )  
 (87) WO2021/056046  
 (31) 2019903584 (32) 25.09.19 (33) AU  
 (43) 01.04.2021  
 (44) 18.12.2025  
 (72) HALL, Jonathan Michael MacGillivray; PERUGINI, Donato; PERUGINI, Michelle; NGUYEN, Tuc Van; DIAKIWI, Sonya Maree  
 (74) Madderns Pty Ltd

(71) Astellas Pharma Inc.  
 (11) AU-B-2019369771  
 (21) 2019369771 (22) 30.10.2019  
 (54) Anti-human Fn14 antibody  
 (51) Int. Cl.  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**C12N 1/15** ( 2006.01 )  
**C12N 1/19** ( 2006.01 )  
**C12N 1/21** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/63** ( 2006.01 )  
**C12P 21/08** ( 2006.01 )  
 (87) WO2020/090892  
 (31) 2018-205995 (32) 31.10.18 (33) JP  
 (43) 07.05.2020  
 (44) 18.12.2025  
 (72) ITO, Misato; KASHIWAGI, Risa; KAWAKAMI, Masakatsu  
 (74) Davies Collison Cave Pty Ltd

(71) ASTRAZENECA AB  
 (11) AU-B-2022343903  
 (21) 2022343903 (22) 12.09.2022  
 (54) SPIROCYCLIC COMPOUNDS  
 (51) Int. Cl.  
**C07D 487/10** ( 2006.01 )  
**A61K 31/4035** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2023/036974  
 (31) 63/243,267 (32) 13.09.21 (33) US  
 (43) 16.03.2023  
 (44) 18.12.2025  
 (72) SMITH, James Michael; ROBB, Graeme Richard; RAUBO, Piotr Antoni; BARLAAM, Bernard Christophe; CUMMING, Iain Alexander  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ASTRAZENECA UK LIMITED  
 (11) AU-B-2021395881  
 (21) 2021395881 (22) 10.12.2021  
 (54) METHODS OF PURIFYING ADENOVIRUS  
 (51) Int. Cl.

Applications Accepted - Name Index cont'd

**C12N 7/02** ( 2006.01 )  
**(87)** WO2022/123006  
**(31)** 63/123,564 **(32)** 10.12.20 **(33)** US  
**(43)** 16.06.2022  
**(44)** 18.12.2025  
**(72)** LINKE, Thomas; ASPELUND, Mat-  
 thew, Thomas; PRENTICE, Jessica;  
 JOSEPH, Adrian, Victor, Allen  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Atrium Medical Corporation  
**(11)** AU-B-2023266313  
**(21)** 2023266313 **(22)** 15.11.2023  
**(54)** GRAFT WITH EXPANDABLE REGION  
 AND METHODS OF MAKING AND US-  
 ING THE SAME  
**(51)** Int. Cl.  
**A61F 2/07** ( 2013.01 )  
**(43)** 07.12.2023  
**(44)** 18.12.2025  
**(62)** 2021212053  
**(72)** James J. Scutti; David G. Culp; Ibrahim  
 E. Dagher; Kevin W. Penn  
**(74)** Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Atriva Therapeutics GmbH  
**(11)** AU-B-2020258002  
**(21)** 2020258002 **(22)** 16.04.2020  
**(54)** Novel MEK-inhibitor for the treatment of  
 viral and bacterial infections  
**(51)** Int. Cl.  
**A61K 31/196** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 31/04** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )  
**A61P 31/16** ( 2006.01 )  
**(87)** WO2020/212478  
**(31)** LU101183 **(32)** 16.04.19 **(33)** LU  
**(43)** 22.10.2020  
**(44)** 18.12.2025  
**(72)** PLANZ, Oliver  
**(74)** Oxygene IP

**(71)** ATW Technology Inc.  
**(11)** AU-B-2024216279  
**(21)** 2024216279 **(22)** 23.08.2024  
**(54)** MAGNESIUM-BASED COMPOSITE  
 MATERIAL AND METHOD OF FORM-  
 ING THE SAME  
**(51)** Int. Cl.  
**C22C 23/00** ( 2006.01 )  
**B22D 21/04** ( 2006.01 )  
**C22C 1/10** ( 2023.01 )  
**(31)** 18/459435 **(32)** 01.09.23 **(33)** US  
**(43)** 20.03.2025  
**(44)** 18.12.2025  
**(72)** HUANG, Song-Jeng; RAJAGOPAL,  
 Veeramanikandan  
**(74)** Halfords IP

**(71)** Austainless Pty Ltd  
**(11)** AU-B-2020210177  
**(21)** 2020210177 **(22)** 28.07.2020  
**(54)** Apparatus and method for installing a  
 kerb rail on an access ramp  
**(51)** Int. Cl.

**E04F 11/18** ( 2006.01 )  
**E04F 11/00** ( 2006.01 )  
**(31)** 2019902695 **(32)** 29.07.19 **(33)** AU  
**(43)** 18.02.2021  
**(44)** 18.12.2025  
**(72)** Lunn, Stephen  
**(74)** FB Rice Pty Ltd

**(71)** Australian Mitigation Engineering De-  
 velopments Pty Ltd  
**(11)** AU-B-2025201122  
**(21)** 2025201122 **(22)** 17.02.2025  
**(54)** A Driver Warning System for Railway  
 Level Crossings  
**(51)** Int. Cl.  
**B61L 29/24** ( 2006.01 )  
**B60W 30/09** ( 2012.01 )  
**B60W 50/14** ( 2020.01 )  
**B61L 23/00** ( 2006.01 )  
**G08G 1/16** ( 2006.01 )  
**H04W 4/021** ( 2018.01 )  
**G06F 16/00** ( 2019.01 )  
**(31)** 2024900923 **(32)** 04.04.24 **(33)** AU  
**(43)** 23.10.2025  
**(44)** 18.12.2025  
**(72)** Woodford, Peter Ronald  
**(74)** MBIP

**(71)** Autifony Therapeutics Limited  
**(11)** AU-B-2020427632  
**(21)** 2020427632 **(22)** 06.02.2020  
**(54)** Kv3 modulators  
**(51)** Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/497** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**A61P 27/00** ( 2006.01 )  
**C07D 405/12** ( 2006.01 )  
**C07D 405/14** ( 2006.01 )  
**(87)** WO2021/156584  
**(43)** 12.08.2021  
**(44)** 18.12.2025  
**(72)** ALVARO, Giuseppe; MARASCO,  
 Agostino  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Autolus Limited  
**(11)** AU-B-2019312877  
**(21)** 2019312877 **(22)** 18.07.2019  
**(54)** Molecular assessment of TRBC usage  
**(51)** Int. Cl.  
**C12Q 1/6881** ( 2018.01 )  
**C12Q 1/6886** ( 2018.01 )  
**(87)** WO2020/025928  
**(31)** 1812650.8 **(32)** 03.08.18 **(33)** GB  
**(43)** 06.02.2020  
**(44)** 18.12.2025  
**(72)** ONUOHA, Shimobi; CZAPIGA, Meg-  
 gan; MA, Biao  
**(74)** Pairman IP

**(71)** AUTOMATIC BAR CONTROLS, INC.  
**(11)** AU-B-2021392053  
**(21)** 2021392053 **(22)** 03.12.2021  
**(54)** VISCOUS FOOD DISPENSING SYS-  
 TEM  
**(51)** Int. Cl.

**B67D 7/80** ( 2010.01 )  
**B29B 7/22** ( 2006.01 )  
**B67D 1/04** ( 2006.01 )  
**(87)** WO2022/120387  
**(31)** 17/112,943 **(32)** 04.12.20 **(33)** US  
**(43)** 09.06.2022  
**(44)** 18.12.2025  
**(72)** CARBAJAL, Serena; DIAL, Gabriel;  
 O'DONNELL, Michael  
**(74)** Spruson & Ferguson

**(71)** Avent Investment, LLC  
**(11)** AU-B-2025201173  
**(21)** 2025201173 **(22)** 19.02.2025  
**(54)** DEVICE AND METHOD TO SELECT-  
 IVELY AND REVERSIBLY MODULATE  
 A NERVOUS SYSTEM STRUCTURE  
 TO INHIBIT THE PERCEPTION OF  
 PAIN  
**(51)** Int. Cl.  
**A61N 1/05** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
**(43)** 13.03.2025  
**(44)** 18.12.2025  
**(62)** 2024202226  
**(72)** Schepis, Eric A.; Page, David M.;  
 Schorr, Phillip A.; Sastry, Shyamy R.;  
 Roldan, Leah; Alexeeva, Natalia; Cald-  
 well, Ryan; Soin, Amol  
**(74)** Pizzzeys Patent and Trade Mark Attor-  
 neys Pty Ltd

**(71)** Avvio GmbH & Co KG  
**(11)** AU-B-2020409425  
**(21)** 2020409425 **(22)** 17.12.2020  
**(54)** Screw drive  
**(51)** Int. Cl.  
**F16B 23/00** ( 2006.01 )  
**(87)** WO2021/119708  
**(31)** GM 50246/2019 **(32)** 20.12.19 **(33)** AT  
**(43)** 24.06.2021  
**(44)** 18.12.2025  
**(72)** HUBMANN, Gerhard  
**(74)** Oxygene IP

**(71)** Axxess (UK) Ltd  
**(11)** AU-B-2021211236  
**(21)** 2021211236 **(22)** 22.01.2021  
**(54)** Cellular uptake  
**(51)** Int. Cl.  
**A61K 31/185** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2021/148990  
**(31)** 2020900183 **(32)** 23.01.20 **(33)** AU  
**(43)** 29.07.2021  
**(44)** 18.12.2025  
**(72)** NEW, Roger R. C.; TRAVERS, Glen  
**(74)** WRAYS PTY LTD

**(71)** AXENT BIOSCIENCES INC.  
**(11)** AU-B-2024343386  
**(21)** 2024343386 **(22)** 01.11.2024  
**(54)** THERMOREVERSIBLE POLYMERS  
 WITH IMPROVED STABILITY AND  
 METHODS AND USES THEREOF  
**(51)** Int. Cl.  
**C08F 8/32** ( 2006.01 )

Applications Accepted - Name Index cont'd

**C08F 220/10** ( 2006.01 )  
**C08F 220/18** ( 2006.01 )  
**C08F 220/36** ( 2006.01 )  
**C08F 220/56** ( 2006.01 )  
**C08J 3/075** ( 2006.01 )  
**C08L 33/06** ( 2006.01 )  
**C08L 33/26** ( 2006.01 )  
**C12N 5/02** ( 2006.01 )  
**C12N 5/0793** ( 2010.01 )  
**(87)** WO2025/097051  
**(31)** 63/595,841 **(32)** 03.11.23 **(33)** US  
 63/595,847 03.11.23 US  
**(43)** 22.05.2025  
**(44)** 18.12.2025  
**(72)** SAMPAYO, Rocio G.; JOHNSON,  
 Hunter J.  
**(74)** RnB IP

**(71)** B.C.I. Pharma  
**(11)** AU-B-2020324561  
**(21)** 2020324561 **(22)** 07.08.2020  
**(54)** Quinoline derivatives as protein kinase  
 inhibitors

**(51)** Int. Cl.  
**C07D 401/12** ( 2006.01 )  
**A61K 31/4725** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 37/00** ( 2006.01 )  
**C07D 403/12** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
**(87)** WO2021/023888  
**(31)** 19190898.7 **(32)** 08.08.19 **(33)** EP  
**(43)** 11.02.2021  
**(44)** 18.12.2025  
**(72)** AMIABLE, Claire; SURLERAUX, Domi-  
 nique; DIEUDONNÉ, François-Xavi-  
 er; LOUAT, Thierry; DEROO, Sabrina;  
 GUILLON, Remi  
**(74)** AJ PARK

**(71)** BAE Systems plc  
**(11)** AU-B-2020364097  
**(21)** 2020364097 **(22)** 28.09.2020  
**(54)** Network and method for optical com-  
 munication with polarised light signal  
**(51)** Int. Cl.  
**H04B 10/80** ( 2013.01 )  
**H04B 13/02** ( 2006.01 )  
**(87)** WO2021/069864  
**(31)** 1914603.4 **(32)** 09.10.19 **(33)** GB  
 19275101.4 17.10.19 EP  
**(43)** 15.04.2021  
**(44)** 18.12.2025  
**(72)** BRAY, Mark Edgar; WILLIAMS, Andrew  
 James  
**(74)** Davies Collison Cave Pty Ltd

**(71)** BAE Systems Plc.  
**(11)** AU-B-2024201063  
**(21)** 2024201063 **(22)** 19.02.2024  
**(54)** A system for improved data storage  
 and retrieval

**(51)** Int. Cl.  
**G06Q 10/08** ( 2023.01 )  
**G06Q 10/00** ( 2023.01 )  
**(43)** 14.03.2024

**(44)** 18.12.2025  
**(62)** 2018267278  
**(72)** APPS, Stephen David; HOBLEY, Roger  
 Leonard  
**(74)** Spruson & Ferguson

**(71)** BAKER HUGHES OILFIELD OPERA-  
 TIONS LLC

**(11)** AU-B-2023224191  
**(21)** 2023224191 **(22)** 14.02.2023  
**(54)** ROTARY VALVE AND SYSTEM  
**(51)** Int. Cl.

**E21B 34/08** ( 2006.01 )  
**E21B 34/10** ( 2006.01 )  
**(87)** WO2023/164382  
**(31)** 17/677,308 **(32)** 22.02.22 **(33)** US  
**(43)** 31.08.2023  
**(44)** 18.12.2025  
**(72)** NGUYEN, Hai Hoang; PALMER, Mi-  
 chael Andrew  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Bank of Canada; The Governing Coun-  
 cil of the University of Toronto

**(11)** AU-B-2020302979  
**(21)** 2020302979 **(22)** 25.06.2020  
**(54)** Diffractive structures within polymer  
 substrates, their manufacture and use  
**(51)** Int. Cl.  
**B42D 25/41** ( 2014.01 )  
**B42D 25/328** ( 2014.01 )  
**D21H 21/48** ( 2006.01 )  
**G02B 5/18** ( 2006.01 )

**(87)** WO2020/257935  
**(31)** 62/866,693 **(32)** 26.06.19 **(33)** US  
**(43)** 30.12.2020  
**(44)** 18.12.2025  
**(72)** MACPHERSON, Charles Douglas; OM-  
 RANE, Badr; HERMAN, Peter; HO,  
 Stephen Paulchi; MALMBERG, Sean  
 Magnus  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Bard Access Systems, Inc.

**(11)** AU-B-2021205254  
**(21)** 2021205254 **(22)** 07.01.2021  
**(54)** Diagnostic systems and methods in-  
 cluding temperature-sensing vascular  
 devices  
**(51)** Int. Cl.  
**A61B 5/026** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**A61B 5/01** ( 2006.01 )  
**A61B 5/24** ( 2021.01 )  
**A61M 1/00** ( 2006.01 )

**(87)** WO2021/142142  
**(31)** 62/958,299 **(32)** 07.01.20 **(33)** US  
**(43)** 15.07.2021  
**(44)** 18.12.2025  
**(72)** AKINS, Samuel; OFEK, Gidon  
**(74)** FB Rice Pty Ltd

**(71)** Bard Peripheral Vascular, Inc.

**(11)** AU-B-2021325930  
**(21)** 2021325930 **(22)** 12.08.2021  
**(54)** Fluid connector for vascular access  
 device

**(51)** Int. Cl.  
**A61M 39/02** ( 2006.01 )  
**A61M 39/10** ( 2006.01 )  
**A61M 39/12** ( 2006.01 )  
**(87)** WO2022/036095  
**(31)** 63/066,003 **(32)** 14.08.20 **(33)** US  
**(43)** 17.02.2022  
**(44)** 18.12.2025  
**(72)** THOMAS, Ian N.; FEDOR, Brenda L. F.  
**(74)** FB Rice Pty Ltd

**(71)** BARD PERIPHERAL VASCULAR, INC.

**(11)** AU-B-2021444487  
**(21)** 2021444487 **(22)** 07.05.2021  
**(54)** LOW PROFILE, INJECTABLE SUBCU-  
 TANEOUS VASCULAR ACCESS SYS-  
 TEM AND METHOD  
**(51)** Int. Cl.  
**A61M 39/02** ( 2006.01 )  
**A61M 25/01** ( 2006.01 )  
**(87)** WO2022/235276  
**(43)** 10.11.2022  
**(44)** 18.12.2025  
**(72)** DENSLEY, Bryon, Ray; ANDERSEN,  
 Christian  
**(74)** FB Rice Pty Ltd

**(71)** BASF SE

**(11)** AU-B-2019392423  
**(21)** 2019392423 **(22)** 22.11.2019  
**(54)** Polyethylene or polypropylene articles  
**(51)** Int. Cl.  
**C08K 3/22** ( 2006.01 )  
**C08K 5/13** ( 2006.01 )  
**C08K 5/3492** ( 2006.01 )  
**C08K 5/526** ( 2006.01 )  
**F16L 9/12** ( 2006.01 )  
**(87)** WO2020/114810  
**(31)** 18210178.2 **(32)** 04.12.18 **(33)** EP  
 19154158.0 29.01.19 EP  
**(43)** 11.06.2020  
**(44)** 18.12.2025  
**(72)** WEYLAND, Tania; HERBST, Heinz;  
 BERTET, Marie Laure  
**(74)** Griffith Hack

**(71)** BASF SE

**(11)** AU-B-2020265097  
**(21)** 2020265097 **(22)** 27.04.2020  
**(54)** Method for flotation of a silicate-con-  
 taining iron ore with a cationic collector  
**(51)** Int. Cl.  
**B03D 1/01** ( 2006.01 )  
**C07C 213/00** ( 2006.01 )  
**(87)** WO2020/221685  
**(31)** 19171801.4 **(32)** 30.04.19 **(33)** EP  
**(43)** 05.11.2020  
**(44)** 18.12.2025  
**(72)** MICHAILOVSKI, Alexej; PANCHENKO,  
 Alexander; ZIPFEL, Hannes Ferdinand;  
 ERNST, Martin; BUDEMBERG, Gabri-  
 ela; DREBOV, Nedko Stefanov; VON  
 KROG, Sylvia; KUELZER, Tamara;  
 PHAN, Long  
**(74)** Davies Collison Cave Pty Ltd

BASF SE see thyssenkrupp Uhde GmbH

Applications Accepted - Name Index cont'd

(21) 2020289191

**BASF SE see ENI S.P.A.**

(21) 2022305031

(71) BASSOE TECHNOLOGY AB

(11) AU-B-2022433835

(21) 2022433835 (22) 10.10.2022

(54) HULL STRUCTURE FOR A SEMI-SUBMERSIBLE WIND POWER TURBINE PLATFORM

(51) Int. Cl.

**B63B 1/12** ( 2006.01 )

**B63B 35/00** ( 2020.01 )

**B63B 35/44** ( 2006.01 )

**B63B 77/10** ( 2020.01 )

(87) WO2023/134888

(31) 2250021-9 (32) 14.01.22 (33) SE

2250022-7 14.01.22 SE

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2250024-3 14.01.22 SE

2250755-2 20.06.22 SE

202211037940.9 26.08.22 CN

2251139-8 30.09.22 SE

(43) 20.07.2023

(44) 18.12.2025

(72) ARVIDSSON, Fredrik; LIU, Yungang; NILSSON, Joakim; LUDWIGSSON, Robert; BONDESON, Jimmy

(74) Griffith Hack

(71) Battelle Memorial Institute

(11) AU-B-2020245571

(21) 2020245571 (22) 26.03.2020

(54) Separator assemblies and methods

(51) Int. Cl.

**B01D 21/02** ( 2006.01 )

(87) WO2020/198528

(31) 62/824,925 (32) 27.03.19 (33) US

62/832,790 11.04.19 US

16/395,097 25.04.19 US

(43) 01.10.2020

(44) 18.12.2025

(72) PEASE, Leonard F.; YU, Xiao-Ying; VELDMAN, Timothy G.; FOUNTAIN, Matthew S.; MINETTE, Michael J.; BURNS, Carolyn A.; PHILLIPS, Nathan R.; SERKOWSKI, Jason E.

(74) Pipers Intellectual Property

(71) Bayer Aktiengesellschaft

(11) AU-B-2020238493

(21) 2020238493 (22) 09.03.2020

(54) Herbicidally active 3-phenyl-isoxazoline-5-carboxamides of s-containing cyclopentenyl carboxylic acid esters

(51) Int. Cl.

**A01N 43/80** ( 2006.01 )

**C07D 261/04** ( 2006.01 )

(87) WO2020/182723

(31) 19162175.4 (32) 12.03.19 (33) EP

(43) 17.09.2020

(44) 18.12.2025

(72) VAN ALMSICK, Andreas; HAAF, Klaus Bernhard; BOJACK, Guido; ASMUS,

Elisabeth; GATZWEILER, Elmar; RO-SINGER, Christopher Hugh

(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company

(11) AU-B-2021214834

(21) 2021214834 (22) 22.01.2021

(54) Syringe actuated stopcock smart-valve

(51) Int. Cl.

**A61M 39/22** ( 2006.01 )

**A61M 39/26** ( 2006.01 )

(87) WO2021/154592

(31) 62/966,086 (32) 27.01.20 (33) US

(43) 05.08.2021

(44) 18.12.2025

(72) PICOT, John; ZHU, Hong

(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company

(11) AU-B-2024200174

(21) 2024200174 (22) 11.01.2024

(54) Rack for sample tubes

(51) Int. Cl.

**B01L 3/00** ( 2006.01 )

**B01L 9/00** ( 2006.01 )

**B01L 9/06** ( 2006.01 )

**G01N 35/00** ( 2006.01 )

(43) 01.02.2024

(44) 18.12.2025

(62) 2019398123

(72) LOHAN, Daniel, Justin; DAVIET, Alexandre; RAO, Rohini; LEITCH, Sharon; LENTZ, Ammon, David; LACHANCE, Stephen

(74) FB Rice Pty Ltd

(71) Becton, Dickinson and Company

(11) AU-B-2024204051

(21) 2024204051 (22) 14.06.2024

(54) Extension housing a probe or intravenous catheter

(51) Int. Cl.

**A61M 25/01** ( 2006.01 )

**A61B 5/15** ( 2006.01 )

**A61B 5/153** ( 2006.01 )

**A61M 25/00** ( 2006.01 )

**A61M 25/06** ( 2006.01 )

(43) 04.07.2024

(44) 18.12.2025

(62) 2018303661

(72) BURKHOLZ, Jonathan Karl; BIHLMAIER, Bryan; SPATARO, Joseph

(74) FB Rice Pty Ltd

(71) BECTON, DICKINSON AND COMPANY

(11) AU-B-2022227002

(21) 2022227002 (22) 25.02.2022

(54) POLYURETHANE BASED MEDICAL ARTICLES

(51) Int. Cl.

**A61L 29/06** ( 2006.01 )

**A61L 29/14** ( 2006.01 )

**A61L 29/16** ( 2006.01 )

**A61L 29/18** ( 2006.01 )

**A61L 33/00** ( 2006.01 )

**A61L 33/06** ( 2006.01 )

(87) WO2022/182971

(31) 63/153,808

(32) 25.02.21 (33) US

(43) 01.09.2022

(44) 18.12.2025

(72) BAI, He; ZHANG, Hua; WEIMER, Marc W.; FREASIER, James

(74) FB Rice Pty Ltd

(71) Bedford Industries, Inc.

(11) AU-B-2019391712

(21) 2019391712 (22) 07.11.2019

(54) Tag attachment by shrink film

(51) Int. Cl.

**B29C 63/42** ( 2006.01 )

**B29C 61/06** ( 2006.01 )

**B29C 63/00** ( 2006.01 )

**B29C 63/40** ( 2006.01 )

**B29C 63/44** ( 2006.01 )

**B65D 23/14** ( 2006.01 )

**B65D 55/08** ( 2006.01 )

**B29K 105/02** ( 2006.01 )

**B29L 7/00** ( 2006.01 )

**B29L 31/00** ( 2006.01 )

(87) WO2020/117420

(31) 62/776,607

(32) 07.12.18 (33) US

(43) 11.06.2020

(44) 18.12.2025

(72) SCHILLER, David; MILBRATH, Eric

(74) Acacia Law

(71) BEDGEAR, LLC

(11) AU-B-2024227480

(21) 2024227480 (22) 18.10.2024

(54) Ambient Bed Having a Heat Reclaim System

(51) Int. Cl.

**A47C 21/04** ( 2006.01 )

**A61G 7/057** ( 2006.01 )

(43) 07.11.2024

(44) 18.12.2025

(62) 2022205144

(72) Alletto Jr., Eugene; Barzin Rad, Vandad

(74) MBIP

(71) BEIJING JINGKELUN ENGINEERING DESIGN AND RESEARCH INSTITUTE CO., LTD.

(11) AU-B-2022459996

(21) 2022459996 (22) 28.10.2022

(54) AIR CONDITIONER USING WATER VAPOR REFRIGERANT FOR MODULAR DATA CENTER AND DATA CENTER COMPRISING SAME

(51) Int. Cl.

**F24F 5/00** ( 2006.01 )

**A62C 3/16** ( 2006.01 )

**F24F 13/30** ( 2006.01 )

**H05K 7/20** ( 2006.01 )

(87) WO2023/226299

(31) 202210586820.8 (32) 27.05.22 (33) CN

(43) 30.11.2023

(44) 18.12.2025

(72) YANG, Jianguo; LI, Xiaolong; XIE, Weibo; ZHANG, Jilong; WANG, Quanjiang; CHEN, Ximou; ZHOU, Chengjun; KANG, Jianhui

(74) Minter Ellison

Applications Accepted - Name Index cont'd

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(71) BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.  
 (11) AU-B-2022430110  
 (21) 2022430110 (22) 12.07.2022  
 (54) ROBOT MAPPING METHOD AND DEVICE, ROBOT, AND STORAGE MEDIUM  
 (51) Int. Cl.  
**G06F 16/587** ( 2019.01 )  
 (87) WO2023/130704  
 (31) 202210006545.8 (32) 04.01.22 (33) CN  
 (43) 13.07.2023  
 (44) 18.12.2025  
 (72) SONG, Jian; WANG, Lei  
 (74) Allens Patent & Trade Mark Attorneys

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(71) Beijing Roborock Technology Co., Ltd  
 (11) AU-B-2024201545  
 (21) 2024201545 (22) 07.03.2024  
 (54) CAMERA APPARATUS AND CLEANING ROBOT  
 (51) Int. Cl.  
**A47L 11/40** ( 2006.01 )  
**A47L 9/28** ( 2006.01 )  
**A47L 11/24** ( 2006.01 )  
**B25J 11/00** ( 2006.01 )  
**B25J 13/08** ( 2006.01 )  
**B25J 19/02** ( 2006.01 )  
**G01S 17/93** ( 2020.01 )  
**G02B 7/00** ( 2021.01 )  
**G03B 17/56** ( 2021.01 )  
**G05D 1/43** ( 2024.01 )  
**B25J 5/00** ( 2006.01 )  
**B25J 9/00** ( 2006.01 )  
**G01S 17/00** ( 2020.01 )  
**G01S 17/04** ( 2020.01 )  
**G01S 17/06** ( 2006.01 )  
**H04N 23/45** ( 2023.01 )  
 (43) 11.04.2024  
 (44) 18.12.2025  
 (62) 2022204218  
 (72) YU, Guang  
 (74) Allens Patent & Trade Mark Attorneys

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(71) BEIJING ROBOROCK TECHNOLOGY CO., LTD.  
 (11) AU-B-2022433738  
 (21) 2022433738 (22) 14.06.2022  
 (54) AUTOMATIC CLEANING APPARATUS AND SYSTEM  
 (51) Int. Cl.  
**A47L 11/24** ( 2006.01 )  
**A47L 11/28** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
 (87) WO2023/134112  
 (31) 202210028896.9 (32) 11.01.22 (33) CN  
 (43) 20.07.2023  
 (44) 18.12.2025  
 (72) LI, Haibin; ZHANG, Zhibin  
 (74) Halfords IP

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(71) Beijing Tide Pharmaceutical Co., Ltd.  
 (11) AU-B-2020266699  
 (21) 2020266699 (22) 29.04.2020

(54) Salt of diaminopyrimidine compounds, and solid form thereof, preparation method therefor and use thereof  
 (51) Int. Cl.  
**C07D 237/02** ( 2006.01 )  
**C07D 253/06** ( 2006.01 )  
 (87) WO2020/221276  
 (31) PCT/ (32) 30.04.19 (33) CN  
 CN2019/085208  
 (43) 05.11.2020  
 (44) 18.12.2025  
 (72) ZHAO, Yanping; WANG, Hongjun; FENG, Zewang; HUANG, Huai; LIU, Kai; LIU, Xuelian; PANG, Jianmei; TIAN, Nana; CHEN, Xichao; FU, Shenzhen; MENG, Jie; ZHOU, Liying; LIU, Yanan  
 (74) FB Rice Pty Ltd

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(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.  
 (11) AU-B-2022344407  
 (21) 2022344407 (22) 09.09.2022  
 (54) VIDEO PUBLISHING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM  
 (51) Int. Cl.  
**H04N 21/475** ( 2011.01 )  
 (87) WO2023/036294  
 (31) 202111070886.3 (32) 13.09.21 (33) CN  
 (43) 16.03.2023  
 (44) 18.12.2025  
 (72) LI, Zhenan; CHE, Wanli; LI, Cheng; FU, Xuelun  
 (74) Griffith Hack

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(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.  
 (11) AU-B-2023358945  
 (21) 2023358945 (22) 20.09.2023  
 (54) VIDEO PROCESSING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM  
 (51) Int. Cl.  
**H04N 21/431** ( 2011.01 )  
 (87) WO2024/078280  
 (31) 202211263267.0 (32) 14.10.22 (33) CN  
 (43) 18.04.2024  
 (44) 18.12.2025  
 (72) ZHENG, Lingling; LIU, Jun  
 (74) Griffith Hack

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(71) BELL INDUSTRIAL DESIGN AND SOLUTIONS PTY LTD  
 (11) AU-B-2025252503  
 (21) 2025252503 (22) 09.06.2025  
 (54) A CONTAINER AND A TIPPING ASSEMBLY FOR THE CONTAINER  
 (51) Int. Cl.  
**B65G 65/23** ( 2006.01 )  
**B65D 88/12** ( 2006.01 )  
**B65D 88/56** ( 2006.01 )  
**B65D 90/00** ( 2006.01 )  
**B66C 1/10** ( 2006.01 )  
**B66C 1/66** ( 2006.01 )  
 (31) 2024901828 (32) 17.06.24 (33) AU  
 (43) 18.12.2025

(44) 18.12.2025  
 (72) BELL, Daniel John  
 (74) MBIP

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(71) Berhalter AG  
 (11) AU-B-2020347470  
 (21) 2020347470 (22) 10.09.2020  
 (54) Stamping machine for stamping labels and covers  
 (51) Int. Cl.  
**B26F 1/40** ( 2006.01 )  
**B21D 28/00** ( 2006.01 )  
**B21D 43/09** ( 2006.01 )  
**B21D 51/44** ( 2006.01 )  
**B26D 5/00** ( 2006.01 )  
**B26D 5/08** ( 2006.01 )  
**B26D 7/18** ( 2006.01 )  
**B65H 20/02** ( 2006.01 )  
**B65H 23/195** ( 2006.01 )  
 (87) WO2021/048259  
 (31) 01140/19 (32) 10.09.19 (33) CH  
 (43) 18.03.2021  
 (44) 18.12.2025  
 (72) STEINER, Markus; SCHÖN, Mathias; VISENTIN, Claudia; THURNHERR, Jürg  
 (74) Spruson & Ferguson

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(71) Berlin Heals GmbH  
 (11) AU-B-2021247476  
 (21) 2021247476 (22) 29.03.2021  
 (54) An electric field or electric voltage delivering electrode system for the treatment of internal organ oedema  
 (51) Int. Cl.  
**A61N 1/20** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/32** ( 2006.01 )  
 (87) WO2021/198203  
 (31) 20166881.1 (32) 30.03.20 (33) EP  
 63/001,780 30.03.20 US  
 (43) 07.10.2021  
 (44) 18.12.2025  
 (72) MÜLLER, Johannes  
 (74) Spruson & Ferguson

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**Bilberry SAS see Ets Dubrulle**  
 (21) 2020335104

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(71) BioAtla, LLC  
 (11) AU-B-2024203402  
 (21) 2024203402 (22) 22.05.2024  
 (54) Conditionally active polypeptides and methods of generating them  
 (51) Int. Cl.  
**C07K 16/18** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
 (43) 27.06.2024  
 (44) 18.12.2025  
 (62) 2017320874  
 (72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard  
 (74) Allens Patent & Trade Mark Attorneys

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Applications Accepted - Name Index cont'd

(71) BIOENVISION TECHNOLOGY AS  
 (11) AU-B-2021431809  
 (21) 2021431809 (22) 14.12.2021  
 (54) FLAME RETARDANT COMPOUNDS  
 (51) Int. Cl.  
*C08G 77/04* ( 2006.01 )  
*C08G 77/26* ( 2006.01 )  
*C08G 77/388* ( 2006.01 )  
*C08L 83/08* ( 2006.01 )  
 (87) WO2022/189024  
 (31) 20210311 (32) 10.03.21 (33) NO  
 (43) 15.09.2022  
 (44) 18.12.2025  
 (72) EIKENES, Morten; HØVIK, Dag;  
 READ, Matthew; HAAGENSEN, Tonje;  
 SAHLI, Samer; KNUTSEN, Annie Rose;  
 HEGGHEIM, Siri; KOTEK, Ivan  
 (74) Davies Collison Cave Pty Ltd

(71) Bio-Gene Technology Limited  
 (11) AU-B-2024200229  
 (21) 2024200229 (22) 12.01.2024  
 (54) Control of Resistant Pests  
 (51) Int. Cl.  
*A01N 35/06* ( 2006.01 )  
*A01P 7/02* ( 2006.01 )  
*A01P 7/04* ( 2006.01 )  
 (43) 01.02.2024  
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 (62) 2021232738  
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*A61K 35/744* ( 2015.01 )  
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*C07K 14/195* ( 2006.01 )  
*C12N 1/20* ( 2006.01 )  
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*B61L 1/18* ( 2006.01 )  
*B61L 21/10* ( 2006.01 )  
*B61L 3/22* ( 2006.01 )  
*B61L 23/04* ( 2006.01 )  
*B61L 23/16* ( 2006.01 )  
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 (51) Int. Cl.  
*A61F 2/95* ( 2013.01 )  
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 (11) AU-B-2022268884  
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 (54) SYSTEM FOR SEQUENCING SENS-  
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*A61B 5/00* ( 2006.01 )  
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 (54) PRESENTATION OF ELECTROSTIM-  
 ULATION AND CLINICAL RESPONSE  
 DATA  
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*A61N 1/372* ( 2006.01 )  
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 Rachel Mae  
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 Medical Device Center  
 (11) AU-B-2023285712  
 (21) 2023285712 (22) 18.12.2023  
 (54) Devices for locating a body lumen  
 (51) Int. Cl.

**A61B 1/018** ( 2006.01 )  
**A61B 5/06** ( 2006.01 )  
**A61B 17/11** ( 2006.01 )  
**A61B 90/30** ( 2016.01 )  
*A61B 17/00* ( 2006.01 )  
*A61B 17/12* ( 2006.01 )  
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 BARBATO, Louis J.; BROWN, Eric F.;  
 NGUYEN, John; FAVREAU, John T.;  
 NARDONE, Marcia  
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 (21) 2024204320 (22) 24.06.2024  
 (54) Devices and methods for tissue ligation  
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 TIENT SET UP ERRORS IN RADIO-  
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**A01C 7/20** ( 2006.01 )  
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**G01V 1/38** ( 2006.01 )  
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**A61C 17/22** ( 2006.01 )  
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**A47J 31/60** ( 2006.01 )  
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 Robert  
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 METHODS FOR DETERMINING GAS  
 EMISSION RATE DETECTION SENS-  
 ITIVITY AND GAS FLOW SPEED US-

ING REMOTE GAS CONCENTRATION  
 MEASUREMENTS  
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**G01N 21/17** ( 2006.01 )  
**G01N 21/53** ( 2006.01 )  
**G01S 17/02** ( 2020.01 )  
**G01S 17/88** ( 2006.01 )  
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*G01N 21/3504* ( 2014.01 )  
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 (72) THORPE, Michael James;  
 KREITINGER, Aaron Thomas  
 (74) Pipers Intellectual Property

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 methods of using and making  
 (51) Int. Cl.  
**A61K 47/65** ( 2017.01 )  
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 AND METHODS OF USE  
 (51) Int. Cl.  
**C07K 14/55** ( 2006.01 )  
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 DAVIS; Michael Louis DOYLE; Priyanka  
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 (11) AU-B-2022370457  
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 (54) ROLE-BASED SOCIAL NETWORK  
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 E04H 15/06 ( 2006.01 )  
 B60P 3/34 ( 2006.01 )  
 E04H 15/00 ( 2006.01 )  
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(71) BWT Holding GmbH  
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 (54) Cartridge for treating drinking water, and method for enriching drinking water with silicon

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 C02F 1/68 ( 2006.01 )  
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 (54) LITHIUM-ION ADSORBENT AND PREPARATION METHOD THEREFOR

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 B01J 20/04 ( 2006.01 )  
 B01J 20/08 ( 2006.01 )  
 C22B 26/12 ( 2006.01 )  
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 (72) WANG, Minghao; LIAN, Junlan; LIN, Hongye  
 (74) Integrated IP

(71) BYD COMPANY LIMITED  
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 (54) METHOD FOR RECOVERING LITHIUM FROM LITHIUM-CONTAINING SOLUTION  
 (51) Int. Cl.  
 C01D 15/08 ( 2006.01 )  
 B01J 20/08 ( 2006.01 )

H01M 10/54 ( 2006.01 )  
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 H01M 10/48 ( 2006.01 )  
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 (51) Int. Cl.  
 B60G 13/08 ( 2006.01 )  
 B60G 11/30 ( 2006.01 )  
 B60G 17/015 ( 2006.01 )  
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 F16F 9/22 ( 2006.01 )  
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 (54) Ibgaine formulations  
 (51) Int. Cl.  
 A61K 31/55 ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

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 (54) Cantilevered Structure  
 (51) Int. Cl.  
 E04B 1/24 ( 2006.01 )  
 E04B 1/58 ( 2006.01 )  
 E04B 7/02 ( 2006.01 )  
 E04F 10/00 ( 2006.01 )  
 E04H 1/12 ( 2006.01 )  
 E04H 6/02 ( 2006.01 )  
 (31) 2024902014 (32) 29.06.24 (33) AU  
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 (72) Brownbill, Alan  
 (74) Raven IP

(71) Caffitaly System S.p.A.  
 (11) AU-B-2020379292  
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 (54) Apparatus for making a beverage using a capsule containing a food substance  
 (51) Int. Cl.  
 A47J 31/44 ( 2006.01 )  
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 (54) STORAGE CONTAINER  
 (51) Int. Cl.  
 B65D 88/52 ( 2006.01 )  
 B60P 1/54 ( 2006.01 )  
 B62D 63/06 ( 2006.01 )  
 B65D 88/12 ( 2006.01 )  
 B65D 90/00 ( 2006.01 )  
 B65D 90/08 ( 2006.01 )  
 E04B 1/344 ( 2006.01 )  
 E04H 1/12 ( 2006.01 )  
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 (54) Schizophrenic disorder treatment using  
 combination therapy  
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     A61K 31/46 ( 2006.01 )  
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 (72) GRANGER, Kiri; BARNETT, Jennifer  
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 (11) AU-B-2020310587  
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 (54) Medical device  
 (51) Int. Cl.  
     A61N 1/05 ( 2006.01 )  
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 (72) PROCTOR, Christopher; BARONE,  
 Damiano Giuseppe; CURTO, Vincenzo;  
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 (11) AU-B-2020282018  
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 (54) Lipid-controlled release compositions  
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     A61K 9/107 ( 2006.01 )  
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     A61K 31/00 ( 2006.01 )  
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 RAMANAYAKE, Priyanga  
 (74) FPA Patent Attorneys Pty Ltd

(71) CANBIOCIN INC.  
 (11) AU-B-2021300883  
 (21) 2021300883 (22) 29.06.2021  
 (54) Compositions and related methods for  
 supporting companion animals with  
 gastrointestinal disorders  
 (51) Int. Cl.  
     C12N 1/20 ( 2006.01 )  
     A23K 10/16 ( 2016.01 )  
     A23K 20/00 ( 2016.01 )  
     A23K 20/10 ( 2016.01 )  
     A23K 50/40 ( 2016.01 )  
     A23L 33/135 ( 2016.01 )  
     A61K 35/744 ( 2015.01 )  
     A61K 35/747 ( 2015.01 )  
     A61P 1/00 ( 2006.01 )  
 (87) WO2022/000080  
 (31) 63/045,283 (32) 29.06.20 (33) US  
 (43) 06.01.2022  
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 (72) OU, Qixing; BURLET, John F.;  
 KOLEVA, Petya  
 (74) Madderns Pty Ltd

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(71) Canopus Drilling Solutions Holding B.V.  
 (11) AU-B-2020365029  
 (21) 2020365029 (22) 09.10.2020  
 (54) Method and system for directional  
 drilling  
 (51) Int. Cl.  
     E21B 7/18 ( 2006.01 )  
     E21B 17/18 ( 2006.01 )  
     E21B 21/12 ( 2006.01 )  
 (87) WO2021/069694  
 (31) 2024001 (32) 11.10.19 (33) NL  
 (43) 15.04.2021  
 (44) 18.12.2025  
 (72) BLANGE, Jan Jette  
 (74) JMSD IP Pty Ltd

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(71) CareFusion 303, Inc.  
 (11) AU-B-2021278880  
 (21) 2021278880 (22) 12.05.2021  
 (54) Real time drip chamber monitor  
 (51) Int. Cl.  
     A61M 5/14 ( 2006.01 )  
     A61M 5/142 ( 2006.01 )  
     A61M 5/168 ( 2006.01 )  
 (87) WO2021/242526  
 (31) 63/030,817 (32) 27.05.20 (33) US  
 (43) 02.12.2021  
 (44) 18.12.2025  
 (72) ABAL, Daniel; BURGESS, Brendan;  
 SUBRAMANIAN, Ramkumar; ZIRKLE,  
 Michael  
 (74) FB Rice Pty Ltd

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(71) Carlsberg A/S  
 (11) AU-B-2020338812  
 (21) 2020338812 (22) 28.08.2020  
 (54) Yeast for preparing beverages without  
 phenolic off-flavors  
 (51) Int. Cl.  
     C12C 12/00 ( 2006.01 )  
     C12R 1/645 ( 2006.01 )  
 (87) WO2021/038048  
 (31) PA 2019 70543 (32) 30.08.19 (33) DK  
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 (43) 04.03.2021

(44) 18.12.2025  
 (72) COLOMER, Marc Serra; GOJKOVIC,  
 Zoran; FÖRSTER, Jochen; SO-  
 LODOVNIKOVA, Natalia Y.; FEN-  
 NESSY, Ross  
 (74) FB Rice Pty Ltd

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(71) Cartiheal (2009) Ltd.  
 (11) AU-B-2025200250  
 (21) 2025200250 (22) 13.01.2025  
 (54) Implantation tool and protocol for optim-  
 ized solid substrates promoting cell and  
 tissue growth  
 (51) Int. Cl.  
     A61F 2/30 ( 2006.01 )  
     A61B 17/16 ( 2006.01 )  
     A61B 17/17 ( 2006.01 )  
     A61F 2/46 ( 2006.01 )  
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 (72) ALTSCHULER, Nir  
 (74) Davies Collison Cave Pty Ltd

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(71) Cascade Corporation  
 (11) AU-B-2019397171  
 (21) 2019397171 (22) 13.12.2019  
 (54) Telescoping/weighing fork combination  
 (51) Int. Cl.  
     B66F 9/12 ( 2006.01 )  
     B66F 9/14 ( 2006.01 )  
     B66F 9/20 ( 2006.01 )  
     B66F 17/00 ( 2006.01 )  
     F15B 15/28 ( 2006.01 )  
     G01G 19/08 ( 2006.01 )  
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 (31) 62/779,931 (32) 14.12.18 (33) US  
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 (72) LYDA, Stephen  
 (74) Davies Collison Cave Pty Ltd

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(71) CATERPILLAR GLOBAL MINING  
 EQUIPMENT LLC  
 (11) AU-B-2020277289  
 (21) 2020277289 (22) 27.11.2020  
 (54) LINKAGE ASSEMBLY FOR DRILLING  
 MACHINE  
 (51) Int. Cl.  
     E21B 7/02 ( 2006.01 )  
     E02F 3/36 ( 2006.01 )  
     E21B 15/00 ( 2006.01 )  
     E21B 19/08 ( 2006.01 )  
     E21B 19/24 ( 2006.01 )  
 (31) 16/717,851 (32) 17.12.19 (33) US  
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 (44) 18.12.2025  
 (72) SELVAM, Sudhagar  
 (74) FPA Patent Attorneys Pty Ltd

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(71) CATERPILLAR GLOBAL MINING LLC  
 (11) AU-B-2021200595  
 (21) 2021200595 (22) 29.01.2021  
 (54) SYSTEM AND METHOD FOR DE-  
 TECTING TRACKING PROBLEMS

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**B60W 40/11** ( 2012.01 )  
**B60W 40/112** ( 2012.01 )  
**B60W 40/114** ( 2012.01 )  
**E21C 35/08** ( 2006.01 )  
**(31)** 16/789,103 **(32)** 12.02.20 **(33)** US  
**(43)** 26.08.2021  
**(44)** 18.12.2025  
**(72)** SHARMA, Manish; CHOWDHURY, Sagar; WALLSTEDT, Philip  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-B-2020203556  
**(21)** 2020203556 **(22)** 29.05.2020  
**(54)** System and method to shift transmission in machines  
**(51)** Int. Cl.  
**B60W 10/184** ( 2012.01 )  
**B60W 10/02** ( 2006.01 )  
**B60W 30/18** ( 2012.01 )  
**B60W 30/186** ( 2012.01 )  
**(43)** 16.12.2021  
**(44)** 18.12.2025  
**(72)** Thompson, Brodie Lee; Gundlapalli, Sai Praveen; Herold, Robert A.; Dowling, Alexander Eli; Jackson, Scott Glenn  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Caterpillar Inc.  
**(11)** AU-B-2021223123  
**(21)** 2021223123 **(22)** 02.02.2021  
**(54)** Flange mount cylinder sensor  
**(51)** Int. Cl.  
**F15B 15/28** ( 2006.01 )  
**(87)** WO2021/167780  
**(31)** 16/797,957 **(32)** 21.02.20 **(33)** US  
**(43)** 26.08.2021  
**(44)** 18.12.2025  
**(72)** MARQUETTE, Matthew S.; SIDLES, Timothy G.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** CATERPILLAR INC.  
**(11)** AU-B-2023320358  
**(21)** 2023320358 **(22)** 01.08.2023  
**(54)** AUTOMATED WORK TOOL DEPRESSURIZATION CIRCUIT AND METHOD  
**(51)** Int. Cl.  
**E02F 3/36** ( 2006.01 )  
**F16L 37/00** ( 2006.01 )  
**(87)** WO2024/030881  
**(31)** 17/881,345 **(32)** 04.08.22 **(33)** US  
**(43)** 08.02.2024  
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**(72)** THOMPSON, Mark W.; STEFEK, Trent R.  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** CATERPILLAR INC.  
**(11)** AU-B-2023401728  
**(21)** 2023401728 **(22)** 09.10.2023  
**(54)** RETAINER FOR PINS TO SUPPORT AXLES UNDER CHASSIS OF WORK MACHINES  
**(51)** Int. Cl.  
**B60G 7/00** ( 2006.01 )

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**F16B 21/16** ( 2006.01 )  
**(87)** WO2024/118265  
**(31)** 18/060,141 **(32)** 30.11.22 **(33)** US  
**(43)** 06.06.2024  
**(44)** 18.12.2025  
**(72)** SIVAKUMAR, Dinesh; FUJAN, Steven J.  
**(74)** FPA Patent Attorneys Pty Ltd

**CCL STRESSING INTERNATIONAL LTD**  
**see NV BEKAERT SA**  
**(21)** 2022354113

**(71)** CCTEG Coal Mining Research Institute; CCTEG TIANDI SCIENCE & TECHNOLOGY CO., LTD.  
**(11)** AU-B-2025204483  
**(21)** 2025204483 **(22)** 16.06.2025  
**(54)** METHOD FOR PREVENTION AND CONTROL OF ROCKBURST  
**(51)** Int. Cl.  
**E21B 7/28** ( 2006.01 )  
**E21B 7/04** ( 2006.01 )  
**E21F 17/00** ( 2006.01 )  
**(31)** 202510330150.7 **(32)** 20.03.25 **(33)** CN  
**(43)** 18.12.2025  
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**(72)** ZHAO, Kaikai; FENG, Yanjun; SUN, Xiaodong; KANG, Hongpu; WU, Yongzheng; ZHENG, Yangfa; WANG, Peng; LIN, Penghao; SHANG, Xiaoguang; CHENG, Shizhong  
**(74)** LexGeneris Pty Ltd

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**Cedars-Sinai Medical Center see Dr. Falk Pharma GMBH**  
**(21)** 2019261933

**(71)** Cepheid  
**(11)** AU-B-2019322911  
**(21)** 2019322911 **(22)** 16.08.2019  
**(54)** Nucleic acid isolation and related methods  
**(51)** Int. Cl.  
**C12N 15/10** ( 2006.01 )  
**(87)** WO2020/037262  
**(31)** 62/765,149 **(32)** 17.08.18 **(33)** US  
**(43)** 20.02.2020  
**(44)** 18.12.2025  
**(72)** KUTYAVIN, Alex I.; NANASSY, Oliver Z.; SERGUEEV, Dmitri; GALL, Alexander A.  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** CERTAIN TEED GYPSUM, INC.  
**(11)** AU-B-2022467173  
**(21)** 2022467173 **(22)** 28.06.2022  
**(54)** JOINT SUPPORT INCLUDING ADHESIVE LAYER, SYSTEM INCLUDING

JOINT SUPPORT, AND METHOD OF USE  
**(51)** Int. Cl.  
**E04F 13/06** ( 2006.01 )  
**(87)** WO2024/005779  
**(43)** 04.01.2024  
**(44)** 18.12.2025  
**(72)** RADFORD, Craig, Douglas; MOLLOY, Thomas, C.  
**(74)** AJ PARK

**(71)** Cessatech A/S  
**(11)** AU-B-2020369029  
**(21)** 2020369029 **(22)** 12.10.2020  
**(54)** Novel pediatric combination  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/08** ( 2006.01 )  
**A61K 31/135** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 29/02** ( 2006.01 )  
**(87)** WO2021/078553  
**(31)** 19204617.5 **(32)** 22.10.19 **(33)** EP  
**(43)** 29.04.2021  
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**(72)** HENNEBERG, Steen; NIELSEN, Bettina Nygaard  
**(74)** James & Wells Intellectual Property

**(71)** CHASM Advanced Materials, Inc.  
**(11)** AU-B-2024200509  
**(21)** 2024200509 **(22)** 29.01.2024  
**(54)** Carbon-carbon nanotube hybrid materials and methods of producing same  
**(51)** Int. Cl.  
**B82Y 30/00** ( 2011.01 )  
**B82Y 40/00** ( 2011.01 )  
**C01B 32/162** ( 2017.01 )  
**(43)** 15.02.2024  
**(44)** 18.12.2025  
**(62)** 2020264437  
**(72)** PRADA SILVY, Ricardo A.; ARTHUR, David J.  
**(74)** AJ PARK

**(71)** ChemoCentryx, Inc.  
**(11)** AU-B-2024204212  
**(21)** 2024204212 **(22)** 20.06.2024  
**(54)** Combination therapy using a Chemokine Receptor 2 (CCR2) antagonist and a PD-1/PD-L1 inhibitor  
**(51)** Int. Cl.  
**A61K 31/351** ( 2006.01 )  
**A61K 31/453** ( 2006.01 )  
**A61K 31/536** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(43)** 11.07.2024  
**(44)** 18.12.2025  
**(62)** 2018335486  
**(72)** CAMPBELL, James J.; MIAO, Zhenhua; SCHALL, Thomas J.; CHARO, Israel; LI, Shijie; JANSON, Christine Marie; SINGH, Rajinder; EBSWORTH, Karen  
**(74)** Spruson & Ferguson

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(71) ChemStone, Inc.  
 (11) AU-B-2020258071  
 (21) 2020258071 (22) 15.04.2020  
 (54) Method of modifying polymer barrier films  
 (51) Int. Cl.  
*D21H 17/03* ( 2006.01 )  
*D21H 19/82* ( 2006.01 )  
*D21H 21/16* ( 2006.01 )  
 (87) WO2020/212873  
 (31) 62/834,588 (32) 16.04.19 (33) US  
 (43) 22.10.2020  
 (44) 18.12.2025  
 (72) SPENDER, Jonathan; BILODEAU, Michael Albert; MIKAIL, Samuel  
 (74) GLMR

(71) Chemwerth, Inc.  
 (11) AU-B-2020338043  
 (21) 2020338043 (22) 25.08.2020  
 (54) Substituted (7H-pyrrolo[2,3-D]pyrimidin-4-yl)amino compounds useful as JAK1 inhibitors  
 (51) Int. Cl.  
*C07D 487/04* ( 2006.01 )  
*A01N 43/90* ( 2006.01 )  
*A61K 31/519* ( 2006.01 )  
 (87) WO2021/041392  
 (31) 62/891,706 (32) 26.08.19 (33) US  
 (43) 04.03.2021  
 (44) 18.12.2025  
 (72) SU, Xiping; LIANG, Sidney Xi; WERTH, Peter J.  
 (74) Spruson & Ferguson

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.  
 (11) AU-B-2020355384  
 (21) 2020355384 (22) 28.09.2020  
 (54) Crystalline form of capsid protein assembly inhibitor containing N hetero five-membered ring, and application thereof  
 (51) Int. Cl.  
*C07D 207/34* ( 2006.01 )  
*A61K 31/40* ( 2006.01 )  
*A61P 31/20* ( 2006.01 )  
 (87) WO2021/058002  
 (31) 201910934549.0 (32) 29.09.19 (33) CN  
 (43) 01.04.2021  
 (44) 18.12.2025  
 (72) LU, Yin; GUO, Meng; HU, Mingtong; LI, Yuan; AO, Wangwei; ZHANG, Yinsheng  
 (74) AJ PARK

**CHILDREN'S HEALTHCARE OF ATLANTA, INC. see GEORGIA TECH RESEARCH CORPORATION**  
 (21) 2021413245

(71) China Electric Power Research Institute; Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd.; State Grid Corporation of China  
 (11) AU-B-2024205367  
 (21) 2024205367 (22) 01.08.2024

(54) OVER-CURRENT PROTECTION SETTING METHOD AND SYSTEM ADAPTED FOR MAGNETO-BIASED SUPERCONDUCTING FAULT CURRENT LIMITERS  
 (51) Int. Cl.  
*H02H 7/26* ( 2006.01 )  
*G01R 19/165* ( 2006.01 )  
*G01R 31/08* ( 2020.01 )  
*G01R 31/52* ( 2020.01 )  
*G01R 35/00* ( 2006.01 )  
*H02H 3/02* ( 2006.01 )  
*H02H 3/08* ( 2006.01 )  
 (31) 202311056386.3 (32) 21.08.23 (33) CN  
 (43) 13.03.2025  
 (44) 18.12.2025  
 (72) Zhu, Jiahui; Wang, Qingshan; Chen, Panpan; Yang, Yanfang; Zhang, Hongjie; Qiu, Ming; Wei, Defu; Wang, Feiming; Li, Chao; Ding, Kaizhong  
 (74) Madders Pty Ltd

(71) CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.  
 (11) AU-B-2023301919  
 (21) 2023301919 (22) 30.06.2023  
 (54) Conditional Handover Method, Information Transmission Method and Processing Method, Device and Equipment  
 (51) Int. Cl.  
*H04W 36/00* ( 2009.01 )  
 (87) WO2024/007999  
 (31) 202210792461.1 (32) 05.07.22 (33) CN  
 (43) 11.01.2024  
 (44) 18.12.2025  
 (72) XIE, Fang  
 (74) Adams Pluck

**CHINA MOBILE COMMUNICATIONS GROUP CO., LTD. see CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE**  
 (21) 2023301919

(71) China Petroleum & Chemical Corporation; Shanghai Research Institute of Petrochemical Technology, SINOPEC  
 (11) AU-B-2021233959  
 (21) 2021233959 (22) 11.03.2021  
 (54) Method for producing light olefin from oxygen-containing compound  
 (51) Int. Cl.  
*C07C 1/20* ( 2006.01 )  
*B01J 29/85* ( 2006.01 )  
*B01J 29/90* ( 2006.01 )  
*C07C 11/00* ( 2006.01 )  
 (87) WO2021/180150  
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 (43) 16.09.2021  
 (44) 18.12.2025  
 (72) QI, Guozhen; CAO, Jing; LI, Xiaohong; WANG, Hongtao; JIN, Yongming; GAO, Pan  
 (74) Churchill Attorneys

(71) Chongqing Changan Automobile Co., Ltd.  
 (11) AU-B-2024200022  
 (21) 2024200022 (22) 02.01.2024  
 (54) METHOD, APPARATUS AND DEVICE FOR VEHICLE DRIVING CONTROL, AND STORAGE MEDIUM  
 (51) Int. Cl.  
*G08G 1/16* ( 2006.01 )  
*B60Q 9/00* ( 2006.01 )  
*B60W 60/00* ( 2020.01 )  
*G06V 40/00* ( 2022.01 )  
 (31) 202310764781.0 (32) 26.06.23 (33) CN  
 (43) 18.01.2024  
 (44) 18.12.2025  
 (72) Ding, Minghui; Liang, Fenghua  
 (74) Madders Pty Ltd

(71) Chr. Hansen A/S  
 (11) AU-B-2020327583  
 (21) 2020327583 (22) 06.08.2020  
 (54) Detection of the inhibition capacity of a first microbial strain on the gas production of a second gas producing microbial strain  
 (51) Int. Cl.  
*C12Q 1/04* ( 2006.01 )  
 (87) WO2021/028311  
 (31) 19190970.4 (32) 09.08.19 (33) EP  
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 (43) 18.02.2021  
 (44) 18.12.2025  
 (72) COPANI, Giuseppe; SK-JOET-RASMUSSEN, Line; MILORA, Nina; SEGURA, Audrey  
 (74) Spruson & Ferguson

(71) Chr. Hansen A/S  
 (11) AU-B-2020339732  
 (21) 2020339732 (22) 28.08.2020  
 (54) Novel temperature-optimized Bacilli  
 (51) Int. Cl.  
*C07K 14/32* ( 2006.01 )  
*A01N 63/22* ( 2020.01 )  
 (87) WO2021/038072  
 (31) 19194343.0 (32) 29.08.19 (33) EP  
 (43) 04.03.2021  
 (44) 18.12.2025  
 (72) CUEVAS, Patricia Dominguez; AZEVEDO, Raquel; BJERRE, Karin; NITA, Iuliana; NEVES, Rute; MOELBAK, Lars  
 (74) Spruson & Ferguson

(71) Chromeguard Pty Ltd  
 (11) AU-B-2020370865  
 (21) 2020370865 (22) 23.10.2020  
 (54) A hydraulic cylinder piston rod protection system  
 (51) Int. Cl.  
*F16F 9/38* ( 2006.01 )  
*E02F 9/22* ( 2006.01 )  
*F15B 15/20* ( 2006.01 )  
 (87) WO2021/077171  
 (31) 2019904021 (32) 25.10.19 (33) AU  
 (43) 29.04.2021  
 (44) 18.12.2025  
 (72) RAY, Robert  
 (74) Patentec Patent Attorneys

Applications Accepted - Name Index cont'd

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(71) CHUANG, K.  
 (11) AU-B-2022368800  
 (21) 2022368800 (22) 17.10.2022  
 (54) USE OF OLIGOPEPTIDE IN TREATMENT OF GINGIVAL INFLAMMATION, GINGIVAL ATROPHY AND ORAL MUCOSA REPAIR  
 (51) Int. Cl.  
 A61K 38/07 ( 2006.01 )  
 A61K 38/08 ( 2019.01 )  
 A61P 1/02 ( 2006.01 )  
 (87) WO2023/066184  
 (31) 202111222709.2 (32) 20.10.21 (33) CN  
 (43) 27.04.2023  
 (44) 18.12.2025  
 (72) CHUANG, Ko-Sheng  
 (74) MBIP

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(71) CINCOR PHARMA, INC.  
 (11) AU-B-2022299103  
 (21) 2022299103 (22) 24.06.2022  
 (54) METHODS OF USING ALDOSTERONE SYNTHASE INHIBITORS  
 (51) Int. Cl.  
 A61K 31/4725 ( 2006.01 )  
 A61P 5/38 ( 2006.01 )  
 A61P 9/12 ( 2006.01 )  
 (87) WO2022/272300  
 (31) 63/290,364 (32) 16.12.21 (33) US  
 63/214,521 24.06.21 US  
 (43) 29.12.2022  
 (44) 18.12.2025  
 (72) BOND, Mary; MURPHY, Brian; PEARCE, Catherine  
 (74) PHILLIPS ORMONDE FITZPATRICK

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(71) CJ CHEILJEDANG CORPORATION  
 (11) AU-B-2022211934  
 (21) 2022211934 (22) 19.01.2022  
 (54) Prephenate dehydratase variant and method for producing branched-chain amino acid using the same  
 (51) Int. Cl.  
 C12N 9/88 ( 2006.01 )  
 C12N 15/77 ( 2006.01 )  
 C12P 13/06 ( 2006.01 )  
 C12P 13/08 ( 2006.01 )  
 (87) WO2022/164118  
 (31) 10-2021-0014077 (32) 01.02.21 (33) KR  
 (43) 04.08.2022  
 (44) 18.12.2025  
 (72) LEE, Hayun; KIM, Ju Eun; LEE, Ji Hye; KIM, Kyungrim; LEE, Heeseok  
 (74) Davies Collison Cave Pty Ltd

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(71) CJ CHEILJEDANG CORPORATION  
 (11) AU-B-2022264407  
 (21) 2022264407 (22) 28.04.2022  
 (54) INSTANT YAKBAB HAVING SUPERIOR TASTE, NUTRITIONAL VALUE, AND TEXTURE  
 (51) Int. Cl.  
 A23L 7/196 ( 2016.01 )  
 A23L 23/00 ( 2016.01 )  
 A23L 25/00 ( 2016.01 )  
 B65B 25/00 ( 2006.01 )

B65B 55/14 ( 2006.01 )  
 (87) WO2022/231358  
 (31) 10-2021-0056076 (32) 29.04.21 (33) KR  
 (43) 03.11.2022  
 (44) 18.12.2025  
 (72) OH, Ye Jin; JANG, Il Sang; KIM, Eun Hye; PARK, Hyeong Seon; JEONG, Hyo Young; CHOI, Hye Mi; JEONG, Sung Yoon; YOON, In Won  
 (74) Spruson & Ferguson

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(71) Clean Planet Inc.  
 (11) AU-B-2020389304  
 (21) 2020389304 (22) 18.11.2020  
 (54) Heat generation device, heat utilization system and film-like heat generation element  
 (51) Int. Cl.  
 C01B 3/00 ( 2006.01 )  
 C09K 5/16 ( 2006.01 )  
 F28D 20/00 ( 2006.01 )  
 (87) WO2021/100784  
 (31) 2019-208483 (32) 19.11.19 (33) JP  
 (43) 27.05.2021  
 (44) 18.12.2025  
 (72) KOBAYASHI, Atsushi; IWAMURA, Yasuhiro; ITO, Takehiko; KASAGI, Jirota; YOSHINO, Hideki; HIRANO, Shotaro  
 (74) Spruson & Ferguson

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(71) COLGATE-PALMOLIVE COMPANY  
 (11) AU-B-2023219189  
 (21) 2023219189 (22) 10.02.2023  
 (54) MICROBIALLY INDUCED INFLAMMATION PRODUCES CHANGES IN DISTINCT HEALTHY TISSUES IN HUMAN ORAL CAVITY  
 (51) Int. Cl.  
 C12Q 1/02 ( 2006.01 )  
 C12Q 1/04 ( 2006.01 )  
 C12Q 1/06 ( 2006.01 )  
 C12Q 1/689 ( 2018.01 )  
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 (54) ORAL CARE COMPOSITIONS AND METHOD FOR PREPARING THE SAME  
 (51) Int. Cl.  
 A61Q 11/00 ( 2006.01 )  
 A61K 8/02 ( 2006.01 )  
 A61K 8/22 ( 2006.01 )  
 A61K 8/23 ( 2006.01 )  
 A61K 8/38 ( 2006.01 )  
 A61K 8/73 ( 2006.01 )  
 A61K 8/81 ( 2006.01 )  
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 (54) PERSONAL CARE COMPOSITIONS  
 (51) Int. Cl.  
 A61K 8/19 ( 2006.01 )  
 A61K 8/29 ( 2006.01 )  
 A61K 8/36 ( 2006.01 )  
 A61Q 15/00 ( 2006.01 )  
 A61Q 19/00 ( 2006.01 )  
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 (51) Int. Cl.  
 A61K 8/36 ( 2006.01 )  
 A61K 8/44 ( 2006.01 )  
 A61K 8/49 ( 2006.01 )  
 A61Q 19/02 ( 2006.01 )  
 A61Q 19/08 ( 2006.01 )  
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 (51) Int. Cl.  
 A61K 8/04 ( 2006.01 )  
 A61K 8/21 ( 2006.01 )  
 A61K 8/27 ( 2006.01 )  
 A61K 8/36 ( 2006.01 )  
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 (54) "DEVICE FOR INTERACTING WITH ELECTROMAGNETIC RADIATION"  
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*H01P 7/06* ( 2006.01 )  
*G02B 5/00* ( 2006.01 )  
*H01P 7/10* ( 2006.01 )  
*H01Q 1/36* ( 2006.01 )  
*H01Q 15/00* ( 2006.01 )  
*H01Q 15/08* ( 2006.01 )  
*H03J 1/00* ( 2006.01 )  
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 (74) FB Rice Pty Ltd

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 (51) Int. Cl.  
*C07D 401/14* ( 2006.01 )  
*A61K 31/496* ( 2006.01 )  
*A61K 31/497* ( 2006.01 )  
*A61K 31/517* ( 2006.01 )  
*A61K 31/551* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*C07D 403/06* ( 2006.01 )  
*C07D 403/12* ( 2006.01 )  
*C07D 417/04* ( 2006.01 )  
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*E21B 19/00* ( 2006.01 )  
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*C12N 1/04* ( 2006.01 )  
*C12R 1/00* ( 2006.01 )  
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*C07D 487/02* ( 2006.01 )  
*A61K 31/407* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
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*A41D 19/04* ( 2006.01 )  
*B29C 41/14* ( 2006.01 )  
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*A23L 7/104* ( 2016.01 )  
*A23J 1/12* ( 2006.01 )  
*A23J 3/22* ( 2006.01 )  
*A23L 2/52* ( 2006.01 )  
*A23L 7/10* ( 2016.01 )  
*A23L 23/00* ( 2016.01 )  
*A23L 29/30* ( 2016.01 )  
*A23L 33/21* ( 2016.01 )  
*C08B 30/04* ( 2006.01 )  
*C08B 37/00* ( 2006.01 )

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 (74) FPA Patent Attorneys Pty Ltd

(71) Crown Equipment Corporation  
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 (51) Int. Cl.  
*B66F 9/24* ( 2006.01 )  
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 (74) Griffith Hack

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*H04W 4/40* ( 2018.01 )  
*B66F 9/00* ( 2006.01 )  
*G05D 1/00* ( 2006.01 )  
*H04W 4/80* ( 2018.01 )  
*H04W 52/02* ( 2009.01 )  
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**B60L 58/10** ( 2019.01 )  
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**E04B 1/99** ( 2006.01 )  
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 (54) Therapeutic phenethylamine compositions and methods of use  
 (51) Int. Cl.  
**A61P 25/18** ( 2006.01 )  
**A61K 31/137** ( 2006.01 )  
**C07C 211/03** ( 2006.01 )  
**C07C 321/26** ( 2006.01 )  
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 (74) FPA Patent Attorneys Pty Ltd
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 (74) Phillips Ormonde Fitzpatrick
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- (71) DAK Scientific, Inc.  
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 (21) 2021322331 (22) 09.08.2021  
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 (51) Int. Cl.  
**A61M 5/50** ( 2006.01 )  
**A61M 39/10** ( 2006.01 )  
**A61M 39/16** ( 2006.01 )  
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 (51) Int. Cl.  
**A61K 38/00** ( 2006.01 )  
**C07K 14/705** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
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**C07D 401/14** ( 2006.01 )  
**A61K 31/381** ( 2006.01 )  
**A61K 31/397** ( 2006.01 )  
**A61K 31/4025** ( 2006.01 )  
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**C08G 63/06** ( 2006.01 )  
**B01L 3/00** ( 2006.01 )  
**B01L 9/00** ( 2006.01 )  
**C08G 63/08** ( 2006.01 )  
**C08L 67/04** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
**G01N 33/558** ( 2006.01 )  
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 (51) Int. Cl.  
**H04W 24/08** ( 2009.01 )  
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 (51) Int. Cl.  
**A61F 11/00** ( 2006.01 )  
**A61K 31/27** ( 2006.01 )

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**(74)** FB Rice Pty Ltd

**(71)** Deere & Company  
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**(54)** Sapling planting apparatus  
**(51)** Int. Cl.

**A01C 11/02** ( 2006.01 )

**A01C 5/06** ( 2006.01 )

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**(74)** Davies Collison Cave Pty Ltd

**(71)** Deere & Company  
**(11)** AU-B-2020204538  
**(21)** 2020204538 **(22)** 07.07.2020  
**(54)** Boom roll linkage  
**(51)** Int. Cl.

**A01M 7/00** ( 2006.01 )

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**(71)** Deere & Company  
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**(51)** Int. Cl.

**A01C 7/10** ( 2006.01 )

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**(74)** Davies Collison Cave Pty Ltd

**(71)** Dematic Corp.  
**(11)** AU-B-2021281101  
**(21)** 2021281101 **(22)** 19.05.2021  
**(54)** Robotic automated storage and retrieval system and method of storing articles  
**(51)** Int. Cl.

**B65G 1/137** ( 2006.01 )

**(87)** WO2021/240309  
**(31)** 63/030,429 **(32)** 27.05.20 **(33)** US  
**(43)** 02.12.2021  
**(44)** 18.12.2025  
**(72)** O'BRIEN, Mark D.; HEATH, Kevin M.  
**(74)** Griffith Hack

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**(11)** AU-B-2024270639  
**(21)** 2024270639 **(22)** 03.12.2024  
**(54)** Advanced nervous tissue imaging system  
**(51)** Int. Cl.

**G01N 21/64** ( 2006.01 )

**A61B 5/00** ( 2006.01 )

**G01N 21/62** ( 2006.01 )

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**(44)** 18.12.2025  
**(62)** 2021305238  
**(72)** DIP, Fernando; ROSENTHAL, Raul J.  
**(74)** Walker IP

**(71)** Dentsply Sirona Inc.; Sirona Dental Systems GmbH

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**(21)** 2020331649 **(22)** 29.07.2020  
**(54)** Imposing quality requirements on 3D models with support structures  
**(51)** Int. Cl.

**B29C 64/386** ( 2017.01 )

**B29C 64/40** ( 2017.01 )

**B33Y 50/00** ( 2015.01 )

**(87)** WO2021/032425  
**(31)** 19192326.7 **(32)** 19.08.19 **(33)** EP  
**(43)** 25.02.2021  
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**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** Depuy Ireland Unlimited Company

**(11)** AU-B-2020385363  
**(21)** 2020385363 **(22)** 11.11.2020  
**(54)** Composite orthopaedic prosthesis and method of making the same  
**(51)** Int. Cl.

**A61L 27/30** ( 2006.01 )

**A61F 2/30** ( 2006.01 )

**A61F 2/38** ( 2006.01 )

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**(31)** 62/934,278 **(32)** 12.11.19 **(33)** US  
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**(43)** 20.05.2021  
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**(11)** AU-B-2025201272  
**(21)** 2025201272 **(22)** 21.02.2025  
**(54)** Surgical device and method  
**(51)** Int. Cl.

**A61B 90/00** ( 2016.01 )

**A61B 17/15** ( 2006.01 )

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**(51)** Int. Cl.

**A61B 17/72** ( 2006.01 )

**A61B 17/86** ( 2006.01 )

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**(72)** CAMPOL AMETLLER, Enric; RICART GELI, Narcis  
**(74)** James & Wells Intellectual Property

**(71)** DEVELOPMENT CENTER FOR BIOTECHNOLOGY

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**C12N 15/113** ( 2010.01 )

**A61K 31/7042** ( 2006.01 )

**A61K 31/7088** ( 2006.01 )

**C12N 15/11** ( 2006.01 )

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**(51)** Int. Cl.

**A61B 5/00** ( 2006.01 )

**A61B 5/145** ( 2006.01 )

**A61M 31/00** ( 2006.01 )

**A61M 37/00** ( 2006.01 )

**G16B 30/00** ( 2019.01 )

**G16C 10/00** ( 2019.01 )

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*G01D 18/00* ( 2006.01 )  
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*F16L 27/04* ( 2006.01 )  
*F16L 37/084* ( 2006.01 )  
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*F16L 37/22* ( 2006.01 )  
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 (54) Applicator for pesticides  
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*A01M 1/20* ( 2006.01 )  
*A01M 25/00* ( 2006.01 )  
*B05B 9/08* ( 2006.01 )  
*B05C 17/005* ( 2006.01 )  
*B05C 17/01* ( 2006.01 )  
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*G10H 1/00* ( 2006.01 )  
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*G10H 1/40* ( 2006.01 )  
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*G10L 19/02* ( 2013.01 )  
*G10L 19/26* ( 2013.01 )  
*G10L 19/107* ( 2013.01 )  
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*H01M 4/24* ( 2006.01 )  
*H01M 4/52* ( 2010.01 )  
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(51) Int. Cl.  
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*A61N 1/36* ( 2006.01 )  
*A61N 1/362* ( 2006.01 )  
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*B65B 3/04* ( 2006.01 )  
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*D06F 39/00* ( 2020.01 )  
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*C11D 1/04* ( 2006.01 )  
*C11D 1/14* ( 2006.01 )  
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*C11D 1/72* ( 2006.01 )  
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*C11D 1/75* ( 2006.01 )  
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*C04B 28/14* ( 2006.01 )  
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**(51)** Int. Cl.  
**A61B 18/24** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )  
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**(51)** Int. Cl.  
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**(21)** 2024205367

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**(51)** Int. Cl.  
**B63J 2/12** ( 2006.01 )  
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**C02F 1/467** ( 2006.01 )  
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**G01N 27/64** ( 2006.01 )  
**G01N 1/28** ( 2006.01 )  
**G01N 27/62** ( 2021.01 )  
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**A61K 47/10** ( 2017.01 )  
**A61M 5/00** ( 2006.01 )  
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**(51)** Int. Cl.  
**C07D 213/73** ( 2006.01 )  
**C09K 11/06** ( 2006.01 )  
**G01N 21/76** ( 2006.01 )  
**G01N 27/28** ( 2006.01 )  
**G01N 33/543** ( 2006.01 )  
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**EMORY UNIVERSITY see GEORGIA TECH RESEARCH CORPORATION**  
**(21)** 2021413245

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**(74)** James & Wells Intellectual Property

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**(54)** Systems and apparatuses to aggregate distributed energy resources  
**(51)** Int. Cl.  
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**G06Q 50/06** ( 2012.01 )  
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**F26B 7/00** ( 2006.01 )  
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 (54) NANO-PARTICLES OF MENA-QUINONE AND METHODS OF TREATMENT

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 Xavier; MOLAS-LAPLANA, Maria; GU-  
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 E04G 17/075 ( 2006.01 )  
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 E04G 25/06 ( 2006.01 )  
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 G06F 9/46 ( 2006.01 )  
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**E05D 7/00** ( 2006.01 )  
**E05D 11/06** ( 2006.01 )  
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**D21J 3/00** ( 2006.01 )

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**G01N 21/27** ( 2006.01 )  
**G01N 21/3577** ( 2014.01 )  
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**G01N 15/14** ( 2006.01 )  
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**(74)** Davies Collison Cave Pty Ltd

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**(54)** MONITORING UNIT FOR MONITORING A RAILWAY TRACK AND METHOD FOR MONITORING A RAILWAY TRACK  
**(51)** Int. Cl.  
**B61L 1/16** ( 2006.01 )  
**B61L 5/10** ( 2006.01 )  
**B61L 19/06** ( 2006.01 )  
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**(87)** WO2023/067067  
**(31)** 21203954.9 **(32)** 21.10.21 **(33)** EP  
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**(72)** THALBAUER, Rudolf; ROSENBERGER, Martin; EINBÖCK, Florian  
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**(71)** Fresenius Medical Care Deutschland GmbH  
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**(54)** Gear pump  
**(51)** Int. Cl.  
**F04C 2/10** ( 2006.01 )  
**F04C 15/00** ( 2006.01 )  
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**(72)** LIPPERT, Simone  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fresenius Medical Care Deutschland GmbH  
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**(54)** Method and devices for determining a time for collecting pressure-measurement values  
**(51)** Int. Cl.  
**A61M 1/16** ( 2006.01 )  
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**(72)** MILLÁN-GALANTE, Maria  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Fuchs SE  
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**(21)** 2020263515 **(22)** 24.04.2020

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**(51)** Int. Cl.  
**C10M 117/04** ( 2006.01 )  
**C10M 177/00** ( 2006.01 )  
**C10N 10/12** ( 2006.01 )  
**C10N 30/00** ( 2006.01 )  
**C10N 30/06** ( 2006.01 )  
**C10N 30/08** ( 2006.01 )  
**C10N 40/02** ( 2006.01 )  
**C10N 40/04** ( 2006.01 )  
**C10N 40/14** ( 2006.01 )  
**C10N 40/25** ( 2006.01 )  
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**(51)** Int. Cl.  
**C10M 161/00** ( 2006.01 )  
**(87)** WO2022/002317  
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**A61F 13/02** ( 2006.01 )  
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**(74)** Pearce IP Pty Ltd

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**(54)** Method for producing a milk or whey powder, and use of a bacteria-removing separator  
**(51)** Int. Cl.  
**A01J 11/00** ( 2006.01 )  
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**(74)** Griffith Hack

**(71)** GELITA AG  
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**(51)** Int. Cl.  
**A23J 1/10** ( 2006.01 )  
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**A23L 33/17** ( 2016.01 )  
**A23L 33/18** ( 2016.01 )  
**A61K 38/01** ( 2006.01 )  
**C07K 14/46** ( 2006.01 )  
**C07K 14/78** ( 2006.01 )  
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**(54)** ULTRA LIGHT-SENSITIVE NEUROP-SIN-BASED OPTOGENETIC TOOL FOR ACTIVATING G q-COUPLED SIGNALING AND/OR ACTIVATING CELLS  
**(51)** Int. Cl.  
**C07K 14/47** ( 2006.01 )  
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 (74) Allens Patent & Trade Mark Attorneys

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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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**E21D 11/15** ( 2006.01 )  
**B65H 16/04** ( 2006.01 )  
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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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 (72) Wolfenbarger, Ryan  
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) GI Innovation, Inc.  
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 (51) Int. Cl.  
**C07K 14/735** ( 2006.01 )  
**A23L 33/18** ( 2016.01 )  
**A61K 9/70** ( 2006.01 )  
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**A61P 37/08** ( 2006.01 )  
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 C07D 239/88 ( 2006.01 )  
 A61K 31/502 ( 2006.01 )  
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 A61P 29/00 ( 2006.01 )  
 C07D 239/93 ( 2006.01 )  
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 A61F 2/02 ( 2006.01 )  
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 E21B 25/16 ( 2006.01 )  
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 H02J 7/00 ( 2006.01 )  
 F16M 11/04 ( 2006.01 )  
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 (74) Phillips Ormonde Fitzpatrick

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 (54) Glove and accessory for use with a glove  
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 A63B 71/14 ( 2006.01 )  
 A41D 19/015 ( 2006.01 )  
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 C12N 7/01 ( 2006.01 )  
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 (74) WRAYS PTY LTD

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 C12N 15/12 ( 2006.01 )  
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*A61P 15/10* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
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*A61P 25/28* ( 2006.01 )  
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 (72) TRIEU, Vuong  
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (51) Int. Cl.  
*H10F 77/20* ( 2025.01 )  
*H10F 71/00* ( 2025.01 )  
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*H10F 19/85* ( 2025.01 )  
*H02S 30/00* ( 2014.01 )  
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 (54) DILUENT FOR SOLIDS-CONTROL FLUID IN A WELLBORE  
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**A61P 35/00** ( 2006.01 )  
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**A61K 38/50** ( 2006.01 )  
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**C07K 14/005** ( 2006.01 )  
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 (72) SHATTOCK, Robin; BLAKNEY, Anna; MCKAY, Paul  
 (74) FPA Patent Attorneys Pty Ltd

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 (54) CHIMERIC ANTIGEN RECEPTOR TARGETING CD123 AND USE THEREOF  
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**C07K 16/28** ( 2006.01 )  
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**A61P 35/02** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**C12N 5/10** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) Incept, LLC  
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 (54) Embolization with transient materials  
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(71) Infinera Corporation  
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**G02B 6/42** ( 2006.01 )  
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 (54) PD-1 single domain antibodies and therapeutic compositions thereof  
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**(72)** PANDIT, Rajay; TIMMER, John; SAN-  
 ABRIA, Angelica; SULZMAIER, Florian;  
 ECKELMAN, Brendan  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** INIPHARM, INC.  
**(11)** AU-B-2021377248  
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**(54)** DICHLOROPHENOL HSD17B13 IN-  
 HIBITORS AND USES THEREOF  
**(51)** Int. Cl.  
*C07D 239/91* ( 2006.01 )  
*A61P 1/16* ( 2006.01 )  
*C07C 235/56* ( 2006.01 )  
*C07D 207/16* ( 2006.01 )  
*C07D 213/81* ( 2006.01 )  
*C07D 239/88* ( 2006.01 )  
*C07D 239/90* ( 2006.01 )  
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**(71)** INNER MONGOLIA UNIVERSITY OF  
 TECHNOLOGY  
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**(54)** EXTRACTION METHOD FOR SMALL-  
 MOLECULE CORN BRAN POLYSAC-  
 CHARIDE  
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 Yongli  
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 SOLUTIONS, LLC  
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 tinuous inoculation  
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 ZHOU, Kaisong  
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**(74)** FB Rice Pty Ltd

**(71)** Institut d'investigacions Biomèdiques  
 August Pi i Sunyer (IDIBAPS);  
 Fundació Clínic per a la Recerca  
 Biomèdica; Hospital Clínic de Bar-  
 celona; Universitat de Barcelona  
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**(54)** Long-term stable live fecal microbiota  
 composition  
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 University of British Columbia**  
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**(54)** Shoulder arthroplasty implant system  
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*A61F 2/28* ( 2006.01 )  
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 Heinz R.; Jacobson, Scott R.; Kelly II,  
 James D.; Miller, Drew; D'lima, Darryl;  
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**(54)** Surgical navigation system  
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 FOLEY, Kevin T.; VAUGHAN, David A.;  
 JUSTIS, Jeff  
**(74)** WRAYS PTY LTD

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 Laboratory, Inc.  
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**(54)** Aerial vehicle and tower including char-  
 ging port  
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*B64C 27/08* ( 2006.01 )  
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 (54) Artificial intelligence and tracing-enabled automated healing for distributed mobile deployments  
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*G06F 8/65* ( 2018.01 )  
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 (54) Mooring robot  
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*F28D 11/02* ( 2006.01 )  
*F28F 1/42* ( 2006.01 )  
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*C01G 49/02* ( 2006.01 )  
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(71) i-SENS, Inc.  
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 (54) Continuous blood glucose monitoring device  
 (51) Int. Cl.  
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 (54) Method for transmitting/receiving biometric information without loss on basis of transmit packet identifier in continuous glucose monitoring system  
 (51) Int. Cl.  
*A61B 5/00* ( 2006.01 )  
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 (54) METHOD FOR CALIBRATING BIOMETRIC VALUE ACCORDING TO WHETHER BIOMETRIC VALUE IS STABILIZED, IN BIOMETRIC INFORMATION MEASUREMENT SYSTEM  
 (51) Int. Cl.  
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(54) Valve for regulating a liquid circulating in a flexible tube  
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**A61M 39/26** ( 2006.01 )  
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**A61M 1/36** ( 2006.01 )  
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 (72) FIORINO, Adrien; PICOT, Sylvain  
 (74) FPA Patent Attorneys Pty Ltd

(71) Itron, Inc.  
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 (54) Techniques for multi-data rate communications  
 (51) Int. Cl.  
**H04W 84/00** ( 2009.01 )  
**H04L 12/44** ( 2006.01 )  
**H04L 12/46** ( 2006.01 )  
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 (54) SURVEYING METHOD, TARGET MARKER, AND SURVEYING SYSTEM  
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**G01C 15/00** ( 2006.01 )  
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 (72) YAMASAKI, Fuminori; KARINO, Takashi; MAEDA, Kosuke  
 (74) FPA Patent Attorneys Pty Ltd

(71) James Hardie Technology Limited  
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 (54) Cladding element  
 (51) Int. Cl.  
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 (72) MACPHERSON, Thomas Edward  
 (74) James Hardie Technology Limited c/o James Hardie Industries plc

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 (54) Method of treating psoriasis in pediatric subjects with anti-IL12/IL23 antibody  
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**C07K 14/54** ( 2006.01 )  
**A61K 38/20** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
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 (54) Cannabinoid formulations  
 (51) Int. Cl.  
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 (72) SILCOCK, Alan; WILKHU, Jitinder  
 (74) FPA Patent Attorneys Pty Ltd

(71) Jemella Limited  
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 (54) Apparatus and method for drying and styling hair  
 (51) Int. Cl.  
**A45D 1/04** ( 2006.01 )  
**A45D 2/00** ( 2006.01 )  
**A45D 20/10** ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (54) Fluidic propulsive system  
 (51) Int. Cl.  
**B64C 21/02** ( 2006.01 )  
**B64C 3/10** ( 2006.01 )  
**B64C 15/00** ( 2006.01 )  
**B64C 15/12** ( 2006.01 )

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**B64C 21/06** ( 2006.01 )  
**B64C 21/08** ( 2006.01 )  
**B64C 23/00** ( 2006.01 )  
**B64C 29/04** ( 2006.01 )  
**B64D 27/10** ( 2006.01 )  
**B64D 27/14** ( 2006.01 )  
**B64D 27/18** ( 2006.01 )  
**B64D 33/04** ( 2006.01 )  
**F02C 6/04** ( 2006.01 )  
**F02K 1/36** ( 2006.01 )  
**F23L 17/16** ( 2006.01 )  
 (87) WO2020/226708  
 (31) 62/794,464 (32) 18.01.19 (33) US  
 (43) 12.11.2020  
 (44) 18.12.2025  
 (72) EVULET, Andrei  
 (74) Spruson & Ferguson

(71) Jiangmen COSCO SHIPPING Aluminium Co., Ltd.  
 (11) AU-B-2024264742  
 (21) 2024264742 (22) 18.11.2024  
 (54) A water-drop-shaped aluminum roof rack  
 (51) Int. Cl.  
**B60R 9/04** ( 2006.01 )  
**B60R 9/05** ( 2006.01 )  
 (31) 202422028823.7 (32) 20.08.24 (33) CN  
 (43) 18.12.2025  
 (44) 18.12.2025  
 (72) LIANG, Riqing; DU, Yingcong; YUAN, Yaohua  
 (74) Jiangmen COSCO SHIPPING Aluminium Co., Ltd.

(71) JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.  
 (11) AU-B-2023432223  
 (21) 2023432223 (22) 14.09.2023  
 (54) PILOT FLOW SOFT-CLOSED-LOOP MAIN-STAGE-AMPLIFICATION FLOW CONTROL METHOD AND SYSTEM, AND VALVE  
 (51) Int. Cl.  
**E02F 9/22** ( 2006.01 )  
 (87) WO2024/174505  
 (31) 202310139413.7 (32) 20.02.23 (33) CN  
 (43) 29.08.2024  
 (44) 18.12.2025  
 (72) SUN, Hui; XIAO, Gang; LIU, Canjie; ZHANG, Zhiwei; LI, Hui  
 (74) Madderns Pty Ltd

(71) JIANGSU ATOM BIOSCIENCE AND PHARMACEUTICAL CO., LTD.  
 (11) AU-B-2022270242  
 (21) 2022270242 (22) 28.04.2022  
 (54) CLASS OF XANTHINE OXIDASE INHIBITORS  
 (51) Int. Cl.  
**C07D 403/04** ( 2006.01 )  
**A61K 31/404** ( 2006.01 )  
**A61K 31/4155** ( 2006.01 )  
**A61K 31/422** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )

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**C07D 401/04** ( 2006.01 )  
**C07D 409/04** ( 2006.01 )  
**(87)** WO2022/233264  
**(31)** 202110493446.2 **(32)** 07.05.21 **(33)** CN  
**(43)** 10.11.2022  
**(44)** 18.12.2025  
**(72)** SHI, Dongfang; FU, Changjin; YANG, Yan  
**(74)** WRAYS PTY LTD

**(71)** Jiangsu Deyuan Pharmaceutical Co., Ltd.  
**(11)** AU-B-2022392980  
**(21)** 2022392980 **(22)** 08.11.2022  
**(54)** STAPLED PEPTIDE AND USE THEREOF  
**(51)** Int. Cl.  
**A61K 38/26** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**C07K 14/605** ( 2006.01 )  
**(87)** WO2023/088140  
**(31)** 202111398470.4 **(32)** 19.11.21 **(33)** CN  
 202111500873.5 09.12.21 CN  
**(43)** 25.05.2023  
**(44)** 18.12.2025  
**(72)** PAN, Zhixiang; HE, Haiying; JIANG, Zhigan; CHEN, Shuhui  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** JIANGSU GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.  
**(11)** AU-B-2022466590  
**(21)** 2022466590 **(22)** 30.09.2022  
**(54)** LIGHTNING PROTECTION DEVICE, LIGHTNING PROTECTION SYSTEM, WIND TURBINE AND METHOD  
**(51)** Int. Cl.  
**F03D 80/30** ( 2016.01 )  
**(87)** WO2024/000907  
**(31)** 202210753573.6 **(32)** 29.06.22 **(33)** CN  
**(43)** 04.01.2024  
**(44)** 18.12.2025  
**(72)** FU, Lei; WEN, Birong; LI, Quanzhou  
**(74)** Madderns Pty Ltd

**(71)** Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.  
**(11)** AU-B-2019374363  
**(21)** 2019374363 **(22)** 08.11.2019  
**(54)** TGF- $\beta$  receptor fusion protein pharmaceutical composition and use thereof  
**(51)** Int. Cl.  
**A61K 38/16** ( 2006.01 )  
**A61K 38/17** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 19/00** ( 2006.01 )  
**(87)** WO2020/094122  
**(31)** 201811328326.1 **(32)** 09.11.18 **(33)** CN  
**(43)** 14.05.2020  
**(44)** 18.12.2025  
**(72)** TIAN, Chenmin; LI, Hao; LIU, Xun  
**(74)** FB Rice Pty Ltd

**(71)** Jiangsu XCMG Construction Machinery Research Institute Ltd.  
**(11)** AU-B-2021230903  
**(21)** 2021230903 **(22)** 26.04.2021  
**(54)** Levelling control method, apparatus, and system, and motor grader  
**(51)** Int. Cl.  
**E02F 3/76** ( 2006.01 )  
**E02F 3/80** ( 2006.01 )  
**E02F 3/815** ( 2006.01 )  
**E02F 3/84** ( 2006.01 )  
**E02F 3/85** ( 2006.01 )  
**(87)** WO2021/175340  
**(31)** 202010468500.3 **(32)** 28.05.20 **(33)** CN  
**(43)** 10.09.2021  
**(44)** 18.12.2025  
**(72)** HOU, Zhiqiang; ZHAO, Bin; LIU, Hao; LU, Shengli  
**(74)** FB Rice Pty Ltd

**(71)** Jinko Energy Storage Technology Co., Ltd.  
**(11)** AU-B-2023266238  
**(21)** 2023266238 **(22)** 13.11.2023  
**(54)** EXPLOSION-PROOF VALVE AND CELL TOP COVER INCLUDING THE SAME  
**(51)** Int. Cl.  
**F16K 47/04** ( 2006.01 )  
**H01M 50/147** ( 2021.01 )  
**H01M 50/30** ( 2021.01 )  
**H01M 50/358** ( 2021.01 )  
**(31)** 202311125747.5 **(32)** 01.09.23 **(33)** CN  
**(43)** 20.03.2025  
**(44)** 18.12.2025  
**(72)** Yadong Liang  
**(74)** AJ Pietras IP Limited

**(71)** JINKO SOLAR (HAINING) CO., LTD.  
**(11)** AU-B-2023312379  
**(21)** 2023312379 **(22)** 10.10.2023  
**(54)** SOLAR CELL AND PHOTOVOLTAIC MODULE  
**(51)** Int. Cl.  
**H10F 77/00** ( 2025.01 )  
**H10F 77/20** ( 2025.01 )  
**(87)** WO2024/120000  
**(31)** 202223317662.0 **(32)** 06.12.22 **(33)** CN  
**(43)** 20.06.2024  
**(44)** 18.12.2025  
**(72)** ZHAO, Zijie; HUANG, Shiliang; GUO, Zhiqiu  
**(74)** AJ Pietras IP Limited

**(71)** Jnana Therapeutics Inc.  
**(11)** AU-B-2020368389  
**(21)** 2020368389 **(22)** 15.10.2020  
**(54)** Reactive affinity probe-interaction discovery platform  
**(51)** Int. Cl.  
**G01N 33/68** ( 2006.01 )  
**C07K 7/06** ( 2006.01 )  
**C08G 65/32** ( 2006.01 )  
**G01N 33/561** ( 2006.01 )  
**G01N 33/58** ( 2006.01 )  
**(87)** WO2021/076680  
**(31)** 62/915,310 **(32)** 15.10.19 **(33)** US  
**(43)** 22.04.2021

**(44)** 18.12.2025  
**(72)** LABENSKI, Matthew T.; RETTEN-MAIER, Terry J.; JONES, Lyn H.; MUN-CIPINTO, Giovanni  
**(74)** FB Rice Pty Ltd

**(71)** Johnson & Johnson Vision Care, Inc.  
**(11)** AU-B-2020268978  
**(21)** 2020268978 **(22)** 08.05.2020  
**(54)** Method for designing edge to edge photochromic soft contact lenses  
**(51)** Int. Cl.  
**G02B 5/23** ( 2006.01 )  
**G02C 7/04** ( 2006.01 )  
**(87)** WO2020/225795  
**(31)** 16/406,470 **(32)** 08.05.19 **(33)** US  
**(43)** 12.11.2020  
**(44)** 18.12.2025  
**(72)** DUIS, Donnie; GERLIGAND, Pierre-Yves; SONODA, Leilani Keahi  
**(74)** Spruson & Ferguson

**(71)** Johnson Controls Fire Protection LP  
**(11)** AU-B-2020221608  
**(21)** 2020221608 **(22)** 12.02.2020  
**(54)** Voice alarm notification device  
**(51)** Int. Cl.  
**G08B 3/10** ( 2006.01 )  
**G08B 7/06** ( 2006.01 )  
**G08B 17/00** ( 2006.01 )  
**G08B 25/04** ( 2006.01 )  
**(87)** WO2020/165290  
**(31)** 1901937.1 **(32)** 12.02.19 **(33)** GB  
**(43)** 20.08.2020  
**(44)** 18.12.2025  
**(72)** DATE, Sonali; DESHPANDE, Praveen; KULKARNI, Prasad; MEAH, Faruk  
**(74)** Spruson & Ferguson

**(71)** JOHNSON MATTHEY PUBLIC LIMITED COMPANY  
**(11)** AU-B-2023288938  
**(21)** 2023288938 **(22)** 25.04.2023  
**(54)** RECYCLING OF CATALYST COATED MEMBRANE COMPONENTS  
**(51)** Int. Cl.  
**C22B 7/00** ( 2006.01 )  
**C08J 11/08** ( 2006.01 )  
**C22B 11/00** ( 2006.01 )  
**H01M 8/008** ( 2016.01 )  
**(87)** WO2023/247913  
**(31)** 2209137.5 **(32)** 22.06.22 **(33)** GB  
**(43)** 28.12.2023  
**(44)** 18.12.2025  
**(72)** BASRA, Shireen, Kaur; MC-CREE-GREY, Jonathan; TURNER JONES, Michael; MISTRY, Krishna; SPELLER, Stephen  
**(74)** Spruson & Ferguson

**(71)** JUNGERS, C.; LEWANDER, P.  
**(11)** AU-B-2023254054  
**(21)** 2023254054 **(22)** 14.04.2023  
**(54)** DATA PROTECTION ON DISTRIBUTED DATA STORAGE (DDS) PROTECTION NETWORKS  
**(51)** Int. Cl.

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**H04L 67/1097** ( 2022.01 )  
**G06F 3/06** ( 2006.01 )  
**(87)** WO2023/201061  
**(31)** 63/331,173 **(32)** 14.04.22 **(33)** US  
**(43)** 19.10.2023  
**(44)** 18.12.2025  
**(72)** JUNGERS, Cameron; LEWANDER, Philip  
**(74)** Spruson & Ferguson

**(71)** Jupiter Oxygen Corporation  
**(11)** AU-B-2020404914  
**(21)** 2020404914 **(22)** 14.12.2020  
**(54)** Combustion system comprising an annular shroud burner  
**(51)** Int. Cl.  
**F23N 1/02** ( 2006.01 )  
**F23B 30/00** ( 2006.01 )  
**F23K 3/02** ( 2006.01 )  
**(87)** WO2021/126770  
**(31)** 16/722,010 **(32)** 20.12.19 **(33)** US  
**(43)** 24.06.2021  
**(44)** 18.12.2025  
**(72)** VAN OTTEN, Brydger; KRIMSKY, Steven Harold; DAVIS, Kevin; CHIODO, Andrew Paul  
**(74)** Adams Pluck

**(71)** KABUSHIKI KAISHA TOYOTA  
 JIDOSHOKKI  
**(11)** AU-B-2023244261  
**(21)** 2023244261 **(22)** 20.03.2023  
**(54)** INDUSTRIAL VEHICLE  
**(51)** Int. Cl.  
**B60K 11/06** ( 2006.01 )  
**B60K 1/02** ( 2006.01 )  
**B60K 1/04** ( 2019.01 )  
**B66F 9/075** ( 2006.01 )  
**(87)** WO2023/189841  
**(31)** 2022-057417 **(32)** 30.03.22 **(33)** JP  
**(43)** 05.10.2023  
**(44)** 18.12.2025  
**(72)** FUJIOKA Kumiko  
**(74)** Griffith Hack

**(71)** KABUSHIKI KAISHA TOYOTA  
 JIDOSHOKKI  
**(11)** AU-B-2023269454  
**(21)** 2023269454 **(22)** 08.03.2023  
**(54)** INTERNAL COMBUSTION ENGINE  
**(51)** Int. Cl.  
**F02B 23/06** ( 2006.01 )  
**F02B 23/00** ( 2006.01 )  
**F02B 23/10** ( 2006.01 )  
**F02F 3/26** ( 2006.01 )  
**(87)** WO2023/218742  
**(31)** 2022-076997 **(32)** 09.05.22 **(33)** JP  
**(43)** 16.11.2023  
**(44)** 18.12.2025  
**(72)** TANI, Toshihiro; MOMOSE, Koji; HOTTA, Yoshihiro; KAWAE, Tsutomu  
**(74)** Griffith Hack

**(71)** Kangbaida (Sichuan) Biotechnology Co., Ltd.  
**(11)** AU-B-2022350562

**(21)** 2022350562 **(22)** 23.09.2022  
**(54)** CRYSTAL FORM OF IMIDAZOLINONE DERIVATIVE  
**(51)** Int. Cl.  
**C07D 473/32** ( 2006.01 )  
**A61K 31/52** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2023/046072  
**(31)** 202111112867.2 **(32)** 23.09.21 **(33)** CN  
**(43)** 30.03.2023  
**(44)** 18.12.2025  
**(72)** XU, Xuezheng; LEI, Feiquan; HE, Lvxue; WEI, Yonggang; SUN, Yi  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Karl Leibinger Asset Management GmbH & Co. KG  
**(11)** AU-B-2024203321  
**(21)** 2024203321 **(22)** 20.05.2024  
**(54)** IMPLANT AND METHOD FOR COVERING LARGE-SCALE BONE DEFECTS FOR THORAX  
**(51)** Int. Cl.  
**A61B 17/80** ( 2006.01 )  
**(31)** 18/337284 **(32)** 19.06.23 **(33)** US  
**(43)** 09.01.2025  
**(44)** 18.12.2025  
**(72)** AKSU, Adem; KLEIN, Vanessa; REIN-AUER, Frank  
**(74)** Halfords IP

**(71)** Karsten Manufacturing Corporation  
**(11)** AU-B-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  
**(44)** 18.12.2025  
**(62)** 2022209318  
**(72)** Martell, James; Loudenslager, John; McGuire, Brian; Bruce, Ryan; Higdon, David  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Katholieke Universiteit Leuven  
**(11)** AU-B-2020353279  
**(21)** 2020353279 **(22)** 25.09.2020  
**(54)** Large vectors and methods for high-yield production  
**(51)** Int. Cl.  
**C12N 15/70** ( 2006.01 )  
**(87)** WO2021/058722  
**(31)** 19199473.0 **(32)** 25.09.19 **(33)** EP  
**(43)** 01.04.2021  
**(44)** 18.12.2025  
**(72)** JANSSEN, Melody; AUWERX, Joeri; DALLMEIER, Kai; ONGENAE, Nicolas; VANSALLEN, Cédric; GORIS, Nesyia  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** KDB INTELLECTUAL PTY LTD  
**(11)** AU-B-2025226842

**(21)** 2025226842 **(22)** 28.05.2025  
**(54)** SECURE ACCESS DOOR  
**(51)** Int. Cl.  
**E06B 3/70** ( 2006.01 )  
**E05B 65/00** ( 2006.01 )  
**E05D 3/02** ( 2006.01 )  
**E06B 1/12** ( 2006.01 )  
**E06B 1/16** ( 2006.01 )  
**E06B 1/18** ( 2006.01 )  
**E06B 1/52** ( 2006.01 )  
**E06B 1/60** ( 2006.01 )  
**E06B 3/12** ( 2006.01 )  
**E06B 3/26** ( 2006.01 )  
**E06B 3/263** ( 2006.01 )  
**E06B 3/76** ( 2006.01 )  
**E06B 5/11** ( 2006.01 )  
**E06B 5/16** ( 2006.01 )  
**E06B 5/20** ( 2006.01 )  
**(31)** 2024901775 **(32)** 12.06.24 **(33)** AU  
**(43)** 18.12.2025  
**(44)** 18.12.2025  
**(72)** EVERETT, Timothy Riva  
**(74)** Adams Pluck

**(71)** Kennametal Inc.  
**(11)** AU-B-2020399540  
**(21)** 2020399540 **(22)** 28.03.2020  
**(54)** Method and design for productive quiet abrasive blasting nozzles  
**(51)** Int. Cl.  
**B24C 5/04** ( 2006.01 )  
**(87)** WO2021/118625  
**(31)** PCT/US2019/065783 **(32)** 11.12.19 **(33)** US  
 16/819,035 13.03.20 US  
**(43)** 17.06.2021  
**(44)** 18.12.2025  
**(72)** SULLIVAN, Christopher  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** KEYMED BIOSCIENCES CO.,LTD  
**(11)** AU-B-2021390123  
**(21)** 2021390123 **(22)** 02.12.2021  
**(54)** DEVELOPMENT OF NEW TUMOR ENGAGER THERAPEUTIC DRUG AND USE THEREOF  
**(51)** Int. Cl.  
**C07K 16/46** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 45/00** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61K 51/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**(87)** WO2022/117050  
**(31)** 202011402162.X **(32)** 02.12.20 **(33)** CN  
**(43)** 09.06.2022  
**(44)** 18.12.2025  
**(72)** CHEN, Bo; XU, Gang; SONG, Qin  
**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** King's College London  
**(11)** AU-B-2020352574  
**(21)** 2020352574 **(22)** 23.09.2020  
**(54)** DAP10/DAP12 fusion polypeptides  
**(51)** Int. Cl.  
**C07K 14/725** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61K 39/00** ( 2006.01 )

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**(87)** WO2021/058563  
**(31)** 1913697.7 **(32)** 23.09.19 **(33)** GB  
**(43)** 01.04.2021  
**(44)** 18.12.2025  
**(72)** MAHER, John; DAVIES, David Marc  
**(74)** Madderns Pty Ltd

**(71)** KIRIN HOLDINGS KABUSHIKI KAISHA  
**(11)** AU-B-2022377484  
**(21)** 2022377484 **(22)** 21.04.2022  
**(54)** BEVERAGE, AND METHOD FOR PRODUCING SAME  
**(51)** Int. Cl.  
**A23L 2/38** ( 2021.01 )  
**A23C 9/152** ( 2006.01 )  
**A23L 33/135** ( 2016.01 )  
**(87)** WO2023/074021  
**(31)** 2021-176891 **(32)** 28.10.21 **(33)** JP  
**(43)** 04.05.2023  
**(44)** 18.12.2025  
**(72)** SUZUKI, Mihoko; YOTSUMOTO, Yuko  
**(74)** Spruson & Ferguson

**(71)** KITU SYSTEMS, INC.  
**(11)** AU-B-2022205390  
**(21)** 2022205390 **(22)** 10.01.2022  
**(54)** SYSTEM AND METHOD FOR SHARED CONTROL OF DISTRIBUTED ENERGY RESOURCES  
**(51)** Int. Cl.  
**H02J 3/38** ( 2006.01 )  
**H02J 13/00** ( 2006.01 )  
**(87)** WO2022/150724  
**(31)** 63/135,096 **(32)** 08.01.21 **(33)** US  
**(43)** 14.07.2022  
**(44)** 18.12.2025  
**(72)** KORNFELD, Richard Keith; LECLER-CQ, Christine Canamo  
**(74)** Belyea IP

**(71)** Klinikum Rechts Der Isar Der Technischen Universität München  
**(11)** AU-B-2019232768  
**(21)** 2019232768 **(22)** 05.03.2019  
**(54)** Treatment of tumors by a combination of an oncolytic adenovirus and a CDK4/6 inhibitor  
**(51)** Int. Cl.  
**A61K 35/761** ( 2015.01 )  
**A61K 31/519** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**(87)** WO2019/170283  
**(31)** EP18 000 210.7 **(32)** 05.03.18 **(33)** EP  
**(43)** 12.09.2019  
**(44)** 18.12.2025  
**(72)** HOLM, Per Sonne; NAWROTH, Roman  
**(74)** Pizzey's Patent and Trade Mark Attorneys Pty Ltd

**(71)** KOBOTS Company ApS  
**(11)** AU-B-2020265342  
**(21)** 2020265342 **(22)** 01.05.2020  
**(54)** Portable automated panel cutter  
**(51)** Int. Cl.  
**B23D 47/02** ( 2006.01 )  
**B23D 45/02** ( 2006.01 )

**B23D 45/04** ( 2006.01 )  
**B27B 5/065** ( 2006.01 )  
**B27B 5/07** ( 2006.01 )  
**(87)** WO2020/221409  
**(31)** PA 2019 70277 **(32)** 01.05.19 **(33)** DK  
 PA 2019 70278 01.05.19 DK  
 PA 2019 70279 01.05.19 DK  
**(43)** 05.11.2020  
**(44)** 18.12.2025  
**(72)** HARTVIGSEN, Peter Murmann; DALGAARD, Kristian; ENGBJERG, Knud  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

**(71)** KOMATSU FOREST AB  
**(11)** AU-B-2022369383  
**(21)** 2022369383 **(22)** 19.10.2022  
**(54)** FORESTRY MONITORING SYSTEM  
**(51)** Int. Cl.  
**B64U 50/37** ( 2023.01 )  
**A01G 23/00** ( 2006.01 )  
**B64U 50/19** ( 2023.01 )  
**G05D 1/00** ( 2006.01 )  
**(87)** WO2023/067015  
**(31)** 2151285-0 **(32)** 21.10.21 **(33)** SE  
**(43)** 27.04.2023  
**(44)** 18.12.2025  
**(72)** NILSSON, Erik; ASSARSSON, Peter  
**(74)** FB Rice Pty Ltd

**(71)** Komatsu Germany GmbH  
**(11)** AU-B-2024219659  
**(21)** 2024219659 **(22)** 12.09.2024  
**(54)** Crawler track for tracked vehicles  
**(51)** Int. Cl.  
**B62D 55/21** ( 2006.01 )  
**(43)** 03.10.2024  
**(44)** 18.12.2025  
**(62)** 2018312710  
**(72)** SCHWARZ, Henry; JUNGHANS, Jens; RÖSCH, Matthias; SPELDRIK, Sebastian  
**(74)** Griffith Hack

**(71)** KOMATSU LTD.  
**(11)** AU-B-2022331169  
**(21)** 2022331169 **(22)** 10.08.2022  
**(54)** FUEL CELL SYSTEM AND WORK MACHINE  
**(51)** Int. Cl.  
**H01M 8/0662** ( 2016.01 )  
**B01D 47/00** ( 2006.01 )  
**H01M 8/0606** ( 2016.01 )  
**(87)** WO2023/022096  
**(31)** 2021-133525 **(32)** 18.08.21 **(33)** JP  
**(43)** 23.02.2023  
**(44)** 18.12.2025  
**(72)** ISHINO, Tsutomu  
**(74)** Spruson & Ferguson

**(71)** KOMATSU LTD.  
**(11)** AU-B-2023213255  
**(21)** 2023213255 **(22)** 24.01.2023  
**(54)** FUEL CELL SYSTEM AND CONTROL METHOD  
**(51)** Int. Cl.  
**H01M 8/04858** ( 2016.01 )

**H01M 8/04313** ( 2016.01 )  
**H01M 8/0432** ( 2016.01 )  
**H01M 8/249** ( 2016.01 )  
**(87)** WO2023/145706  
**(31)** 2022-012814 **(32)** 31.01.22 **(33)** JP  
**(43)** 03.08.2023  
**(44)** 18.12.2025  
**(72)** EBISUZAKI Hideyo  
**(74)** FB Rice Pty Ltd

**(71)** KOMATSU LTD.  
**(11)** AU-B-2023365459  
**(21)** 2023365459 **(22)** 18.10.2023  
**(54)** Voltage conversion system, civil engineering machine system, control method, and program  
**(51)** Int. Cl.  
**H02M 3/28** ( 2006.01 )  
**(87)** WO2024/085187  
**(31)** 2022-168361 **(32)** 20.10.22 **(33)** JP  
**(43)** 25.04.2024  
**(44)** 18.12.2025  
**(72)** SATO Takuya; SAKUMA Go  
**(74)** FB Rice Pty Ltd

**(71)** Koninklijke Philips N.V.  
**(11)** AU-B-2019451647  
**(21)** 2019451647 **(22)** 10.12.2019  
**(54)** Pressure sensor for being introduced into the circulatory system of a human being  
**(51)** Int. Cl.  
**A61B 5/0215** ( 2006.01 )  
**G01L 9/00** ( 2006.01 )  
**A61B 5/00** ( 2006.01 )  
**(87)** WO2020/253977  
**(31)** 19181514.1 **(32)** 21.06.19 **(33)** EP  
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**(43)** 24.12.2020  
**(44)** 18.12.2025  
**(72)** GLEICH, Bernhard; RAHMER, Jürgen Erwin  
**(74)** FB Rice Pty Ltd

**(71)** Koya Medical, Inc.  
**(11)** AU-B-2021286647  
**(21)** 2021286647 **(22)** 10.06.2021  
**(54)** Electro-actuable compression garments with shape memory elements  
**(51)** Int. Cl.  
**A61H 7/00** ( 2006.01 )  
**A61H 11/00** ( 2006.01 )  
**(87)** WO2021/252770  
**(31)** 63/037,462 **(32)** 10.06.20 **(33)** US  
**(43)** 16.12.2021  
**(44)** 18.12.2025  
**(72)** DORAISWAMY, Anand; MEEHAN, Connor; ZUERNDORFER, Jay; KOVACEVICH, Ian; PAMPLIN, John; BALDWIN, Jarren  
**(74)** FB Rice Pty Ltd

**(71)** Kreuzer, O.  
**(11)** AU-B-2020208934  
**(21)** 2020208934 **(22)** 04.02.2020  
**(54)** Method and device for solid-phase peptide synthesis

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**C07K 1/04** ( 2006.01 )  
**(87)** WO2020/148463  
**(31)** 10 2019 100 924.3 **(32)** 15.01.19 **(33)** DE  
**(43)** 23.07.2020  
**(44)** 18.12.2025  
**(72)** KREUZER, Oliver Johannes  
**(74)** Spruson & Ferguson

**(71)** KUHN S.A.  
**(11)** AU-B-2020201787  
**(21)** 2020201787 **(22)** 11.03.2020  
**(54)** Agricultural machine and folding method for an agricultural machine  
**(51)** Int. Cl.  
**A01B 73/02** ( 2006.01 )  
**A01D 75/30** ( 2006.01 )  
**(31)** 19 02561 **(32)** 13.03.19 **(33)** FR  
**(43)** 01.10.2020  
**(44)** 18.12.2025  
**(72)** HUSSON, Geoffroy  
**(74)** Spruson & Ferguson

**(71)** KUHN S.A.  
**(11)** AU-B-2020201788  
**(21)** 2020201788 **(22)** 11.03.2020  
**(54)** Agricultural machine equipped with a distribution tie-rod  
**(51)** Int. Cl.  
**A01B 63/28** ( 2006.01 )  
**A01B 63/00** ( 2006.01 )  
**A01B 63/32** ( 2006.01 )  
**(31)** 19 02566 **(32)** 13.03.19 **(33)** FR  
**(43)** 01.10.2020  
**(44)** 18.12.2025  
**(72)** HUSSON, Geoffroy  
**(74)** Spruson & Ferguson

**(71)** Kumiai Chemical Industry Co., Ltd.  
**(11)** AU-B-2019369587  
**(21)** 2019369587 **(22)** 24.10.2019  
**(54)** Method for controlling diseases in small grain cereals, seed of small grain cereals, and method for suppressing lodging damage in small grain cereals  
**(51)** Int. Cl.  
**A01N 25/00** ( 2006.01 )  
**A01N 25/02** ( 2006.01 )  
**A01N 25/12** ( 2006.01 )  
**A01N 43/653** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01P 3/00** ( 2006.01 )  
**(87)** WO2020/090603  
**(31)** 2018-205757 **(32)** 31.10.18 **(33)** JP  
**(43)** 07.05.2020  
**(44)** 18.12.2025  
**(72)** SUZUKI, Satomi; OZAKI, Koichi; NAGATA, Toshihiro  
**(74)** Griffith Hack

**(71)** Kuo, C.  
**(11)** AU-B-2020333735  
**(21)** 2020333735 **(22)** 21.08.2020  
**(54)** Ophthalmic blades and instruments and methods of use thereof  
**(51)** Int. Cl.  
**A61F 9/013** ( 2006.01 )

**A61B 17/32** ( 2006.01 )  
**A61F 9/011** ( 2006.01 )  
**(87)** WO2021/030873  
**(31)** 2019903050 **(32)** 21.08.19 **(33)** AU  
**(43)** 25.02.2021  
**(44)** 18.12.2025  
**(72)** KUO, Chih-Hung  
**(74)** KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

**(71)** Kyocera Medical Technologies, Inc.  
**(11)** AU-B-2021218686  
**(21)** 2021218686 **(22)** 11.02.2021  
**(54)** Lateral vertebral lumbar plate system with integrated rotational control mechanism for screw retention  
**(51)** Int. Cl.  
**A61B 17/70** ( 2006.01 )  
**A61B 17/80** ( 2006.01 )  
**A61B 17/86** ( 2006.01 )  
**(87)** WO2021/163264  
**(31)** 62/976,448 **(32)** 14.02.20 **(33)** US  
**(43)** 19.08.2021  
**(44)** 18.12.2025  
**(72)** THOMPSON, Joseph; KLEPAC, Gary W.  
**(74)** WRAYS PTY LTD

**KZJ NEW MATERIALS GROUP CO., LTD. see KZJ NEW MATERIALS GROUP SHANXI CO., LTD.**  
**(21)** 2024203457

**(71)** KZJ NEW MATERIALS GROUP SHANXI CO., LTD.; KZJ NEW MATERIALS GROUP CO., LTD.  
**(11)** AU-B-2024203457  
**(21)** 2024203457 **(22)** 28.03.2024  
**(54)** ETHER-TYPE POLYCARBOXYLATE SLUMP-RETAINING AGENT, AND PREPARATION METHOD AND APPLICATION THEREOF  
**(51)** Int. Cl.  
**C04B 24/26** ( 2006.01 )  
**C08F 212/14** ( 2006.01 )  
**C08F 220/06** ( 2006.01 )  
**C08F 220/20** ( 2006.01 )  
**C08F 283/06** ( 2006.01 )  
**(87)** WO2025/138475  
**(31)** 202311794952.0 **(32)** 25.12.23 **(33)** CN  
**(43)** 10.07.2025  
**(44)** 18.12.2025  
**(72)** KE, Yuliang; AN, Xiaoqiang; FANG, Yunhui; YU, Kangjian; LI, Xinpeng  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** L'Oréal S.A.  
**(11)** AU-B-2020291622  
**(21)** 2020291622 **(22)** 12.06.2020  
**(54)** A gel composition comprising viable microorganisms  
**(51)** Int. Cl.  
**A61K 9/00** ( 2006.01 )  
**A61K 9/06** ( 2006.01 )  
**A61K 35/74** ( 2015.01 )  
**A61K 35/747** ( 2015.01 )

**A61K 47/34** ( 2017.01 )  
**A61K 47/44** ( 2017.01 )  
**A61P 17/00** ( 2006.01 )  
**(87)** WO2020/249734  
**(31)** PA 2019 00718 **(32)** 13.06.19 **(33)** DK  
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**(43)** 17.12.2020  
**(44)** 18.12.2025  
**(72)** VEDEL, Charlotte; OLSEN, Katja Billekop; KJÆRULFF, Søren  
**(74)** Catalyst Intellectual Property

**(71)** Laekna Limited  
**(11)** AU-B-2020327022  
**(21)** 2020327022 **(22)** 07.08.2020  
**(54)** Method of treating cancer  
**(51)** Int. Cl.  
**A61K 31/4155** ( 2006.01 )  
**A61K 31/4439** ( 2006.01 )  
**A61K 31/573** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**A61P 35/04** ( 2006.01 )  
**(87)** WO2021/026454  
**(31)** PCT/ **(32)** 08.08.19 **(33)** CN  
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**(43)** 11.02.2021  
**(44)** 18.12.2025  
**(72)** LU, Chris; ZHANG, Ruipeng; YUE, Yong; ZHANG, Minhua  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Laitram, L.L.C.  
**(11)** AU-B-2021213041  
**(21)** 2021213041 **(22)** 07.01.2021  
**(54)** Hinge-rod removal and insertion tool  
**(51)** Int. Cl.  
**B25B 7/02** ( 2006.01 )  
**B25B 7/06** ( 2006.01 )  
**B25B 7/22** ( 2006.01 )  
**(87)** WO2021/154471  
**(31)** 62/966,212 **(32)** 27.01.20 **(33)** US  
 63/076,018 09.09.20 US  
**(43)** 05.08.2021  
**(44)** 18.12.2025  
**(72)** HESS, David; MELANCON, Stephen; BANNERMAN, Adam E.; BRADY, Rob O.; VIERA, Jason L.; HOLMEN, Erik A.; CHARTIER, Joel R.  
**(74)** Spruson & Ferguson

**(71)** Lamberti SpA  
**(11)** AU-B-2020261248  
**(21)** 2020261248 **(22)** 23.04.2020  
**(54)** Non-aqueous drift control suspensions  
**(51)** Int. Cl.  
**A01N 25/04** ( 2006.01 )  
**A01N 25/06** ( 2006.01 )  
**A01P 13/00** ( 2006.01 )  
**(87)** WO2020/216872  
**(31)** 10201900006358 **(32)** 24.04.19 **(33)** IT  
**(43)** 29.10.2020  
**(44)** 18.12.2025  
**(72)** GAZZO, Serena; PAGANINI, Gianfranco; GIARDINI, Lorenzo; FLORIDI, Giovanni; LI BASSI, Giuseppe  
**(74)** Allens Patent & Trade Mark Attorneys

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(71) Leidos, Inc.  
 (11) AU-B-2024278284  
 (21) 2024278284 (22) 11.12.2024  
 (54) AN IMPROVED LOW-POWER MASS INTERROGATION SYSTEM AND AS-SAY FOR DETERMINING VITAMIN D LEVELS  
 (51) Int. Cl.  
*H01J 49/04* ( 2006.01 )  
 (43) 02.01.2025  
 (44) 18.12.2025  
 (62) 2023274139  
 (72) CHRISTIAN, Noah Peter  
 (74) RnB IP Pty Ltd

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(71) LEMON INC.  
 (11) AU-B-2022429021  
 (21) 2022429021 (22) 29.12.2022  
 (54) VIDEO GENERATING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND READABLE STORAGE MEDIUM  
 (51) Int. Cl.  
*H04N 21/845* ( 2011.01 )  
*G06V 10/40* ( 2022.01 )  
*H04N 21/236* ( 2011.01 )  
*H04N 5/265* ( 2006.01 )  
*H04N 21/44* ( 2011.01 )  
 (87) WO2023/128877  
 (31) 202111672927.6 (32) 31.12.21 (33) CN  
 (43) 06.07.2023  
 (44) 18.12.2025  
 (72) XUE, Yufan; HE, Jie; YUAN, Ye; LI, Xiaojie; GAO, Yue  
 (74) Griffith Hack

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(71) Leopard Systems Pty Ltd  
 (11) AU-B-2020353716  
 (21) 2020353716 (22) 14.08.2020  
 (54) Apparatus and system for measuring dimensions of freight items  
 (51) Int. Cl.  
*G01B 3/02* ( 2020.01 )  
*G01B 7/02* ( 2006.01 )  
*G01B 11/02* ( 2006.01 )  
*G01B 21/02* ( 2006.01 )  
*G06K 7/10* ( 2006.01 )  
 (87) WO2021/056049  
 (31) 2019903608 (32) 26.09.19 (33) AU  
 (43) 01.04.2021  
 (44) 18.12.2025  
 (72) KOUMARAS, Alexios  
 (74) Griffith Hack

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(71) LEUPOLD & STEVENS, INC.  
 (11) AU-B-2024240124  
 (21) 2024240124 (22) 13.03.2024  
 (54) ROTATABLE DRIVE DEVICE FOR SCOPE TURRET OR OTHER OPTIC TURRET  
 (51) Int. Cl.  
*F41G 1/22* ( 2006.01 )  
*F41G 1/38* ( 2006.01 )  
 (87) WO2024/196671  
 (31) 63/491,929 (32) 23.03.23 (33) US  
 (43) 26.09.2024

(44) 18.12.2025  
 (72) LEE, Tyson, James  
 (74) JMDS IP Pty Ltd

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LEWANDER, P. see JUNGERS, C.  
 (21) 2023254054

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(71) LG Electronics Inc.  
 (11) AU-B-2023241366  
 (21) 2023241366 (22) 06.10.2023  
 (54) Refrigerator  
 (51) Int. Cl.  
*F25D 23/02* ( 2006.01 )  
 (43) 26.10.2023  
 (44) 18.12.2025  
 (62) 2021204032  
 (72) CHEONG, Minho; KANG, Daekil; KWON, Ohchul  
 (74) Dentons Patent Attorneys Australasia Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2024201777  
 (21) 2024201777 (22) 19.03.2024  
 (54) Method for coding image on basis of intra prediction using MPM list and apparatus therefor  
 (51) Int. Cl.  
*H04N 19/11* ( 2014.01 )  
*H04N 19/105* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/593* ( 2014.01 )  
*H04N 19/70* ( 2014.01 )  
 (43) 04.04.2024  
 (44) 18.12.2025  
 (62) 2023204191  
 (72) LIM, Jaehyun; LI, Ling; HEO, Jin; CHOI, Jangwon; KIM, Seunghwan  
 (74) Dentons Patent Attorneys Australasia Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2024202392  
 (21) 2024202392 (22) 12.04.2024  
 (54) IMAGE OR VIDEO CODING USING DEBLOCKING FILTERING  
 (51) Int. Cl.  
*H04N 19/86* ( 2014.01 )  
*H04N 19/117* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/186* ( 2014.01 )  
*H04N 19/82* ( 2014.01 )  
 (43) 02.05.2024  
 (44) 18.12.2025  
 (62) 2020297232  
 (72) JANG, Hyeongmoon  
 (74) Dentons Patent Attorneys Australasia Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2024202403  
 (21) 2024202403 (22) 12.04.2024  
 (54) IMAGE/VIDEO CODING/DECODING METHOD AND APPARATUS USING SAME  
 (51) Int. Cl.

*H04N 19/70* ( 2014.01 )  
*H04N 19/105* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/137* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
 (43) 02.05.2024  
 (44) 18.12.2025  
 (62) 2020409800  
 (72) PALURI, Seethal; HENDRY, Hendry; KIM, Seunghwan; ZHAO, Jie  
 (74) Dentons Patent Attorneys Australasia Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2024203088  
 (21) 2024203088 (22) 09.05.2024  
 (54) Display Device  
 (51) Int. Cl.  
*H10K 59/80* ( 2023.01 )  
*G02F 1/1333* ( 2006.01 )  
*H10K 59/10* ( 2023.01 )  
 (31) 10-2023-0075618 (32) 13.06.23 (33) KR  
 (43) 09.01.2025  
 (44) 18.12.2025  
 (72) Cho, Jinhum; Kang, Seokjung; Lee, Woohun; Kim, Yongseong; Kim, Jinkuk; Li, Bin  
 (74) Dentons Patent Attorneys Australasia Limited

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(71) LG Electronics Inc.  
 (11) AU-B-2024203549  
 (21) 2024203549 (22) 28.05.2024  
 (54) IMAGE ENCODING/DECODING METHOD AND DEVICE FOR PERFORMING BDOF, AND METHOD FOR TRANSMITTING BITSTREAM  
 (51) Int. Cl.  
*H04N 19/573* ( 2014.01 )  
*H04N 19/109* ( 2014.01 )  
*H04N 19/132* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/513* ( 2014.01 )  
 (43) 20.06.2024  
 (44) 18.12.2025  
 (62) 2020347025  
 (72) PARK, Nae Ri; NAM, Jung Hak; JANG, Hyeong Moon; KIM, Seung Hwan  
 (74) Spruson & Ferguson

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(71) LG ELECTRONICS INC.  
 (11) AU-B-2022300773  
 (21) 2022300773 (22) 28.06.2022  
 (54) INTERFACE AND LAUNDRY TREATING APPARATUS HAVING THE SAME  
 (51) Int. Cl.  
*D06F 34/05* ( 2020.01 )  
*D06F 34/08* ( 2020.01 )  
*D06F 34/14* ( 2020.01 )  
*D06F 34/28* ( 2020.01 )  
*D06F 34/30* ( 2020.01 )  
*D06F 34/32* ( 2020.01 )  
*D06F 34/34* ( 2020.01 )  
*D06F 58/32* ( 2020.01 )  
 (87) WO2023/277510  
 (31) 10-2021-0084006 (32) 28.06.21 (33) KR  
 (43) 05.01.2023

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 (72) JUNG, Eunsoo; KIM, Jungchul;  
 CHUNG, Sangin  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-B-2022458305  
 (21) 2022458305 (22) 11.05.2022  
 (54) METHOD AND DEVICE FOR REGIS-  
 TERING HOME APPLIANCE DEVICE  
 IN WIRELESS COMMUNICATION  
 SYSTEM  
 (51) Int. Cl.  
*H04L 12/28* ( 2006.01 )  
*H04L 67/303* ( 2022.01 )  
*H04W 12/06* ( 2021.01 )  
*H04W 84/12* ( 2009.01 )

(87) WO2023/219183  
 (31) 10-2022-0057831 (32) 11.05.22 (33) KR  
 (43) 16.11.2023  
 (44) 18.12.2025  
 (72) LEE, Suhwan; KIM, Jaehun; LEE, Che-  
 olsok; LEE, Sangmi; PARK, Minkyu  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-B-2023289275  
 (21) 2023289275 (22) 22.06.2023  
 (54) REFRIGERATOR  
 (51) Int. Cl.  
*F25D 23/02* ( 2006.01 )  
*E06B 7/16* ( 2006.01 )  
*F25D 17/06* ( 2006.01 )  
*F25D 17/08* ( 2006.01 )  
*F25D 23/04* ( 2006.01 )  
*F25D 25/02* ( 2006.01 )

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 (31) 10-2022-0077127 (32) 23.06.22 (33) KR  
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 (43) 28.12.2023  
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 (72) YEO, Insun; SHIN, Daekee; LEE, Bum-  
 sang; LEE, Hophil  
 (74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.  
 (11) AU-B-2023387767  
 (21) 2023387767 (22) 20.09.2023  
 (54) LAUNDRY PROCESSING MACHINE  
 (51) Int. Cl.  
*D06F 34/32* ( 2020.01 )  
*D06F 34/34* ( 2020.01 )

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 (31) 10-2023-0000727 (32) 03.01.23 (33) KR  
 (43) 11.07.2024  
 (44) 18.12.2025  
 (72) JANG, Ho Sung; YOO, Sang Hee;  
 GWON, Hyeok Jin; YOON, Ji Hyun  
 (74) FB Rice Pty Ltd

(71) LG Energy Solution, Ltd.  
 (11) AU-B-2020354063  
 (21) 2020354063 (22) 02.09.2020

(54) Battery module, and battery rack and  
 power storage device, each comprising  
 same battery module  
 (51) Int. Cl.  
*H01M 10/6551* ( 2014.01 )  
*H01M 10/613* ( 2014.01 )  
*H01M 10/627* ( 2014.01 )  
*H01M 10/658* ( 2014.01 )

(87) WO2021/060735  
 (31) 10-2019-0117415 (32) 24.09.19 (33) KR  
 (43) 01.04.2021  
 (44) 18.12.2025  
 (72) SHIN, Eun-Gyu; MUN, Jeong-O; YOO,  
 Jae-Min; LEE, Yoon-Koo  
 (74) FB Rice Pty Ltd

(71) LINEAGE LOGISTICS, LLC  
 (11) AU-B-2024200491  
 (21) 2024200491 (22) 25.01.2024  
 (54) GENERATING MAPPINGS OF PHYS-  
 ICAL SPACES FROM POINT CLOUD  
 DATA  
 (51) Int. Cl.  
*G01C 21/00* ( 2006.01 )  
*G01S 17/89* ( 2020.01 )

(43) 15.02.2024  
 (44) 18.12.2025  
 (62) 2022258555  
 (72) ECKMAN, Christopher Frank; LOWE,  
 Brady Michael  
 (74) RnB IP Pty Ltd

(71) LIQUID LUMENS, LLC  
 (11) AU-B-2022354957  
 (21) 2022354957 (22) 03.10.2022  
 (54) INTEGRATED UNDERWATER LED  
 LIGHT ASSEMBLY  
 (51) Int. Cl.  
*H01L 25/075* ( 2006.01 )  
*B63B 45/04* ( 2006.01 )  
*B63B 45/06* ( 2006.01 )

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 (31) 63/251,134 (32) 01.10.21 (33) US  
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 (72) CHRISTENSON, Robert D.; JOHN-  
 SON, Martin; JENSEN, Jonathan; NOF-  
 SINGER, Eric  
 (74) Davies Collison Cave Pty Ltd

LMS TECHNOLOGIES, INC. see MATIV  
 LUXEMBOURG  
 (21) 2023251005

(71) Lo, H.  
 (11) AU-B-2020397401  
 (21) 2020397401 (22) 29.09.2020  
 (54) Chronic wound healing composition  
 and application thereof  
 (51) Int. Cl.  
*A61K 31/7032* ( 2006.01 )  
*A61K 31/045* ( 2006.01 )  
*A61K 31/555* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 17/02* ( 2006.01 )  
 (87) WO2021/109704

(31) 201911241631.1 (32) 06.12.19 (33) CN  
 (43) 10.06.2021  
 (44) 18.12.2025  
 (72) LO, Hsu En  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Longi Green Energy Technology Co.,  
 Ltd.  
 (11) AU-B-2025204099  
 (21) 2025204099 (22) 02.06.2025  
 (54) Solar Cell And Photovoltaic Module  
 (51) Int. Cl.  
*H10F 77/20* ( 2025.01 )  
 (31) CN2024107808573 (32) 17.06.24 (33) CN  
 CN2024115722273 05.11.24 CN  
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(43) 18.12.2025  
 (44) 18.12.2025  
 (72) LI, Zhenguo; CHEN, Jun; WANG, Xiao-  
 fei; YANG, Dongsheng; CHEN, Weiqi-  
 ang; ZHANG, Huang  
 (74) WRAYS PTY LTD

(71) LONGI GREEN ENERGY TECHNO-  
 LOGY CO., LTD.  
 (11) AU-B-2022428735  
 (21) 2022428735 (22) 28.09.2022  
 (54) SOLAR CELL AND ELECTRODES  
 THEREOF  
 (51) Int. Cl.  
*H10F 77/20* ( 2025.01 )

(87) WO2023/124324  
 (31) 202111614565.5 (32) 27.12.21 (33) CN  
 (43) 06.07.2023  
 (44) 18.12.2025  
 (72) CAI, Yongan  
 (74) WRAYS PTY LTD

(71) LONGI GREEN ENERGY TECHNO-  
 LOGY CO., LTD.  
 (11) AU-B-2025202156  
 (21) 2025202156 (22) 26.01.2025  
 (54) SOLAR CELL AND PHOTOVOLTAIC  
 MODULE  
 (51) Int. Cl.  
*H10F 77/20* ( 2025.01 )  
 (31) 202410461849.2 (32) 16.04.24 (33) CN  
 (43) 30.10.2025  
 (44) 18.12.2025  
 (72) JIN, Yupeng; YU, Long; TONG, Hongbo  
 (74) Madderns Pty Ltd

(71) LONGI GREEN ENERGY TECHNO-  
 LOGY CO., LTD.  
 (11) AU-B-2025242215  
 (21) 2025242215 (22) 03.10.2025  
 (54) BACK CONTACT SOLAR CELL AND  
 METHOD FOR MANUFACTURING  
 SAME  
 (51) Int. Cl.

*H10F 10/10* ( 2025.01 )  
 (43) 23.10.2025  
 (44) 18.12.2025  
 (62) 2024335458  
 (72) TONG, Hongbo; LI, Zhenguo; LIU,  
 Qingping; DING, Chao; CHEN, Chen;

Applications Accepted - Name Index cont'd

DONG, Guangbin; HE, Jinhua; ZHANG, Hongchao; YU, Long; XU, Xinxing  
**(74)** Madderns Pty Ltd

**(71)** LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.

**(11)** AU-B-2022352530

**(21)** 2022352530 **(22)** 11.05.2022

**(54)** BACK-CONTACT CELL AND MANUFACTURING METHOD THEREFOR

**(51)** Int. Cl.

**H10F 77/30** ( 2025.01 )

**H10F 71/00** ( 2025.01 )

**H10F 77/1223** ( 2025.01 )

**(87)** WO2023/045347

**(31)** 202111118365.0 **(32)** 22.09.21 **(33)** CN

**(43)** 30.03.2023

**(44)** 18.12.2025

**(72)** LI, Zhonglan; LU, Weiming; LI, Hua; JIN, Yupeng

**(74)** WRAYS PTY LTD

**(71)** LSI Solutions, Inc.

**(11)** AU-B-2020334143

**(21)** 2020334143 **(22)** 21.08.2020

**(54)** Sternal ascender apparatus

**(51)** Int. Cl.

**A61B 1/32** ( 2006.01 )

**A61B 17/02** ( 2006.01 )

**A61B 50/15** ( 2016.01 )

**(87)** WO2021/035151

**(31)** 62/989,044 **(32)** 13.03.20 **(33)** US

62/916,591 17.10.19 US

62/889,690 21.08.19 US

**(43)** 25.02.2021

**(44)** 18.12.2025

**(72)** SAUER, Jude S.; DECLERCK, Matthew David; MARTELLARO, Angelo John; BOSECK, Benjamin James; WRONA, Matthew

**(74)** Halfords IP

**(71)** Lucasfilm Entertainment Company Ltd.

**(11)** AU-B-2024202738

**(21)** 2024202738 **(22)** 26.04.2024

**(54)** SYSTEMS AND METHODS FOR MOTION CAPTURE

**(51)** Int. Cl.

**G11B 27/031** ( 2006.01 )

**G01S 3/786** ( 2006.01 )

**G06T 7/20** ( 2017.01 )

**G11B 27/10** ( 2006.01 )

**H04N 5/222** ( 2006.01 )

**H04N 5/272** ( 2006.01 )

**H04N 5/33** ( 2023.01 )

**(43)** 16.05.2024

**(44)** 18.12.2025

**(62)** 2018351525

**(72)** ESTEBECORENA, Leandro; KNOLL, John; GRABLI, Stephane; KARAFELT, Per; HELMAN, Pablo; LEVIN, John M.

**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** Ludwig Institute for Cancer Research Ltd.

**(11)** AU-B-2020243431

**(21)** 2020243431 **(22)** 17.03.2020

**(54)** A2/NY-ESO-1 specific T cell receptors and uses thereof

**(51)** Int. Cl.

**C07K 14/725** ( 2006.01 )

**G01N 33/50** ( 2006.01 )

**(87)** WO2020/188348

**(31)** 62/819,988 **(32)** 18.03.19 **(33)** US

**(43)** 24.09.2020

**(44)** 18.12.2025

**(72)** COUKOS, George; IRVING, Melita; ZOTE, Vincent; MICHIELIN, Olivier

**(74)** FPA Patent Attorneys Pty Ltd

**(71)** Luigi Lavazza S.p.A.

**(11)** AU-B-2020293711

**(21)** 2020293711 **(22)** 10.06.2020

**(54)** Motorized brewing unit

**(51)** Int. Cl.

**A47J 31/36** ( 2006.01 )

**(87)** WO2020/250134

**(31)** 10201900008844 **(32)** 13.06.19 **(33)** IT

**(43)** 17.12.2020

**(44)** 18.12.2025

**(72)** ROTTA, Denis; MOLINARO, Gabriele

**(74)** Murray Trento & Associates Pty Ltd

**(71)** Lumenis Ltd

**(11)** AU-B-2024201033

**(21)** 2024201033 **(22)** 16.02.2024

**(54)** Method and system for estimating distance between a fiber end and a target

**(51)** Int. Cl.

**A61B 18/22** ( 2006.01 )

**A61N 5/067** ( 2006.01 )

**G01B 11/02** ( 2006.01 )

**G01N 21/01** ( 2006.01 )

**G01N 21/84** ( 2006.01 )

**G02B 23/24** ( 2006.01 )

**(43)** 07.03.2024

**(44)** 18.12.2025

**(62)** 2021207767

**(72)** KHACHATUROV, Arkady; RONDEL, Vitaly

**(74)** Spruson & Ferguson

**(71)** LumiraDx UK Ltd.

**(11)** AU-B-2021207857

**(21)** 2021207857 **(22)** 13.01.2021

**(54)** Fluid control in microfluidic devices

**(51)** Int. Cl.

**B01L 3/00** ( 2006.01 )

**G01N 33/50** ( 2006.01 )

**G01N 33/569** ( 2006.01 )

**G01N 33/68** ( 2006.01 )

**(87)** WO2021/146350

**(31)** 63/067,782 **(32)** 19.08.20 **(33)** US

63/092,371 15.10.20 US

62/991,446 18.03.20 US

63/032,410 29.05.20 US

63/055,744 23.07.20 US

62/960,421 13.01.20 US

62/972,921 11.02.20 US

**(43)** 22.07.2021

**(44)** 18.12.2025

**(72)** QUINLAN, Thomas J.; KHAN, Aman Murtaza; KHAN, Badr Aman; MCGUIGAN, Brian; TAYLOR, David William; LANG, David Kinniburgh;

DEANE, John Iain William; FERNANDEZ DE SANNAMED, Lois Bello; FLETT, Michael; LOWE, Phill; KEATCH, Steven Alexander; KHAN, Usman Ali; SCOTT, Dave; LINDNER, Nigel Malcolm; TWOMEY, Marcus; MCINNES, Graeme John

**(74)** FB Rice Pty Ltd

**(71)** Luye Pharma Switzerland AG

**(11)** AU-B-2021210611

**(21)** 2021210611 **(22)** 22.01.2021

**(54)** Transdermal therapeutic system comprising the ingredient rotigotine and at least one non-amine-resistant silicone adhesive

**(51)** Int. Cl.

**A61K 9/70** ( 2006.01 )

**A61K 31/381** ( 2006.01 )

**A61P 25/16** ( 2006.01 )

**(87)** WO2021/148634

**(31)** 20153621.6 **(32)** 24.01.20 **(33)** EP

**(43)** 29.07.2021

**(44)** 18.12.2025

**(72)** BENDA, Christian; KOLLING, Ulrike; SCHURAD, Björn; WAUER, Gabriel

**(74)** PHILLIPS ORMONDE FITZPATRICK

**(71)** MAANSHAN IRON & STEEL CO., LTD

**(11)** AU-B-2023227032

**(21)** 2023227032 **(22)** 03.03.2023

**(54)** LONG-SERVICE-LIFE HIGH-TOUGHNESS CORROSION-RESISTANT STEEL FOR SUBSEA CHRISTMAS TREE VALVE AND HEAT TREATMENT METHOD AND PRODUCTION METHOD FOR LONG-SERVICE-LIFE HIGH-TOUGHNESS CORROSION-RESISTANT STEEL FOR SUBSEA CHRISTMAS TREE VALVE

**(51)** Int. Cl.

**C22C 38/02** ( 2006.01 )

**C21D 1/18** ( 2006.01 )

**C22C 38/04** ( 2006.01 )

**C22C 38/42** ( 2006.01 )

**C22C 38/44** ( 2006.01 )

**(87)** WO2023/165614

**(31)** 202210209972.6 **(32)** 04.03.22 **(33)** CN

**(43)** 07.09.2023

**(44)** 18.12.2025

**(72)** YANG, Zhiqiang; WANG, Kaizhong; HU, Fangzhong; WANG, Zimin; CHEN, Shijie; WU, Lin; YANG, Shaopeng; JIN, Guozhong

**(74)** Minter Ellison

**(71)** Magic Leap, Inc.

**(11)** AU-B-2024202769

**(21)** 2024202769 **(22)** 29.04.2024

**(54)** Multi-layer diffractive eyepiece

**(51)** Int. Cl.

**G02B 27/01** ( 2006.01 )

**G06F 3/01** ( 2006.01 )

**G06T 19/00** ( 2011.01 )

**(43)** 16.05.2024

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- (44) 18.12.2025  
 (62) 2022202338  
 (72) Schowengerdt, Brian T.; Lin, Dianmin; St Hilaire, Pierre  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) Magnum IP Holdings B.V.  
 (11) AU-B-2023242260  
 (21) 2023242260 (22) 22.03.2023  
 (54) FAT-BASED CONFECTION COMPOSITIONS COMPRISING CALCIUM CARBONATE  
 (51) Int. Cl.  
 A23G 1/30 ( 2006.01 )  
 A23D 9/007 ( 2006.01 )  
 A23G 1/32 ( 2006.01 )  
 A23G 1/36 ( 2006.01 )  
 A23G 3/34 ( 2006.01 )  
 A23G 3/36 ( 2006.01 )  
 A23G 3/40 ( 2006.01 )  
 A23G 9/32 ( 2006.01 )  
 (87) WO2023/186642  
 (31) 22166166.3 (32) 31.03.22 (33) EP  
 (43) 05.10.2023  
 (44) 18.12.2025  
 (72) FRITH, William, James; HEDGES, Nicholas, David; LIU, Chujiao  
 (74) Davies Collison Cave Pty Ltd
- 
- (71) MAKO Surgical Corp.  
 (11) AU-B-2024259878  
 (21) 2024259878 (22) 11.11.2024  
 (54) Robotic spine surgery system and methods  
 (51) Int. Cl.  
 A61B 34/00 ( 2016.01 )  
 A61B 34/10 ( 2016.01 )  
 A61B 34/20 ( 2016.01 )  
 A61B 34/30 ( 2016.01 )  
 A61B 90/00 ( 2016.01 )  
 (43) 28.11.2024  
 (44) 18.12.2025  
 (62) 2019374890  
 (72) KANG, Hyosig; DING, Jienan; BOWLING, David Gene; JONES, Christopher W.; MCEWAN, Greg; GSELLMAN, Lucas  
 (74) Davies Collison Cave Pty Ltd
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- (71) MAKO Surgical Corp.  
 (11) AU-B-2025223863  
 (21) 2025223863 (22) 29.08.2025  
 (54) System and method for manipulating an anatomy  
 (51) Int. Cl.  
 A61B 34/20 ( 2016.01 )  
 A61B 34/00 ( 2016.01 )  
 A61B 34/32 ( 2016.01 )  
 (43) 18.09.2025  
 (44) 18.12.2025  
 (62) 2024227455  
 (72) Bowling, David Gene; Stuart, John Michael; Culp, Jerry A.; Malackowski, Donald W.; De La Barrera, Jose Luis Moctezuma; Roessler, Patrick; Beer, Joel N.  
 (74) Davies Collison Cave Pty Ltd

- MALUVA ENGINEERING see SMEDLEY'S ENGINEERS PTY LTD**  
 (21) 2023285946
- 
- (71) Manitou Italia S.r.l.  
 (11) AU-B-2020201400  
 (21) 2020201400 (22) 26.02.2020  
 (54) Telehandler with improved cab  
 (51) Int. Cl.  
 B62D 33/06 ( 2006.01 )  
 B66F 9/00 ( 2006.01 )  
 (31) 102019000002935 (32) 28.02.19 (33) IT  
 (43) 17.09.2020  
 (44) 18.12.2025  
 (72) IOTTI, Marco  
 (74) Spruson & Ferguson
- 
- (71) Manus Bio, Inc.  
 (11) AU-B-2020302789  
 (21) 2020302789 (22) 25.06.2020  
 (54) Uridine diphosphate-dependent glycosyltransferase enzyme  
 (51) Int. Cl.  
 C12N 9/00 ( 2006.01 )  
 C12N 9/10 ( 2006.01 )  
 C12N 15/09 ( 2006.01 )  
 C12N 15/11 ( 2006.01 )  
 C12N 15/52 ( 2006.01 )  
 C12N 15/54 ( 2006.01 )  
 (87) WO2020/264179  
 (31) 62/866,148 (32) 25.06.19 (33) US  
 (43) 30.12.2020  
 (44) 18.12.2025  
 (72) DONALD, Jason Eric; KUMARAN, Ajikumar Parayil; LOVE, Aaron; TOOMEY, Christopher; SANTOS, Christine Nicole S.  
 (74) Allens Patent & Trade Mark Attorneys
- 
- (71) MARTIN ENGINEERING COMPANY  
 (11) AU-B-2022344976  
 (21) 2022344976 (22) 24.08.2022  
 (54) CONVEYOR BELT THICKNESS MEASUREMENT SYSTEMS AND METHODS FOR DETECTING CHANGES IN CONVEYOR BELT THICKNESSES  
 (51) Int. Cl.  
 B65G 43/02 ( 2006.01 )  
 G01N 21/88 ( 2006.01 )  
 G01N 21/89 ( 2006.01 )  
 (87) WO2023/043592  
 (31) 63/245,505 (32) 17.09.21 (33) US  
 (43) 23.03.2023  
 (44) 18.12.2025  
 (72) ANDRADE, Italo; CANAVERDE, Henrique; MACHADO, Luiz; HARRISON, Paul  
 (74) Griffith Hack
- 
- (71) Martínez, B.  
 (11) AU-B-2019437430  
 (21) 2019437430 (22) 28.03.2019  
 (54) Diagnostic module of a photovoltaic panel  
 (51) Int. Cl.  
 G06F 1/30 ( 2006.01 )

- G01R 31/40 ( 2020.01 )  
 H02S 50/10 ( 2014.01 )  
 (87) WO2020/193820  
 (43) 01.10.2020  
 (44) 18.12.2025  
 (72) HERNÁNDEZ MARTÍNEZ, Bishma  
 (74) IP SOLVED (ANZ) PTY. LTD.
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- MASCULL, E.J. see MASCULL, R.T.**  
 (21) 2021368607
- 
- (71) MASCULL, R.T.; MASCULL, E.J.  
 (11) AU-B-2021368607  
 (21) 2021368607 (22) 28.10.2021  
 (54) A MOUNTING SYSTEM  
 (51) Int. Cl.  
 A61G 5/12 ( 2006.01 )  
 A61G 5/08 ( 2006.01 )  
 E05B 17/00 ( 2006.01 )  
 E05B 65/00 ( 2006.01 )  
 (87) WO2022/090973  
 (31) 2020903922 (32) 29.10.20 (33) AU  
 (43) 05.05.2022  
 (44) 18.12.2025  
 (72) EAGLE, Benjamin; EASTWOOD, Paul; PATEL, Anil Raman  
 (74) Mavin Intellectual Property
- 
- (71) Masimo Corporation  
 (11) AU-B-2021207471  
 (21) 2021207471 (22) 13.01.2021  
 (54) Wearable device with physiological parameters monitoring  
 (51) Int. Cl.  
 A61B 5/024 ( 2006.01 )  
 A61B 5/00 ( 2006.01 )  
 A61B 5/1455 ( 2006.01 )  
 (87) WO2021/146333  
 (31) 62/960,610 (32) 13.01.20 (33) US  
 62/984,243 02.03.20 US  
 63/023,156 11.05.20 US  
 (43) 22.07.2021  
 (44) 18.12.2025  
 (72) AL-ALI, Ammar; SCRUGGS, Stephen; PRIDDELL, Richard; DEJONG, Chad  
 (74) FB Rice Pty Ltd
- 
- (71) Massachusetts Institute of Technology  
 (11) AU-B-2020324338  
 (21) 2020324338 (22) 08.06.2020  
 (54) Ultra-wide field-of-view flat optics  
 (51) Int. Cl.  
 G02B 1/00 ( 2006.01 )  
 B82Y 20/00 ( 2011.01 )  
 G02B 5/00 ( 2006.01 )  
 G02F 1/01 ( 2006.01 )  
 (87) WO2021/025759  
 (31) 62/897,452 (32) 09.09.19 (33) US  
 62/884,645 08.08.19 US  
 (43) 11.02.2021  
 (44) 18.12.2025  
 (72) HU, Juejun; GU, Tian; SHALAGINOV, Mikhail  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

Applications Accepted - Name Index cont'd

(71) MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.  
 (11) AU-B-2023251005  
 (21) 2023251005 (22) 07.04.2023  
 (54) DUAL-LAYER GAS FILTERS AND SYSTEMS AND METHODS FOR MAKING THE SAME  
 (51) Int. Cl.  
     **B01D 39/08** ( 2006.01 )  
     **B01D 39/14** ( 2006.01 )  
     **B32B 5/26** ( 2006.01 )  
     **B82Y 30/00** ( 2011.01 )  
 (87) WO2023/196641  
 (31) 63/329,146 (32) 08.04.22 (33) US  
 (43) 12.10.2023  
 (44) 18.12.2025  
 (72) PLATT, Andrew G.; POMPEO, Lenny; TROJNAR, Joel  
 (74) GLMR

(71) MAURER ENGINEERING GMBH  
 (11) AU-B-2023267039  
 (21) 2023267039 (22) 02.03.2023  
 (54) STRUCTURAL SLIDING BEARING  
 (51) Int. Cl.  
     **E04H 9/02** ( 2006.01 )  
 (87) WO2023/217431  
 (31) 10 2022 204 542.4 (32) 09.05.22 (33) DE  
 (43) 16.11.2023  
 (44) 18.12.2025  
 (72) WEBER, Felix; MEIER, Leopold; BOMHOLT, Frederik  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MAX CO., LTD.  
 (11) AU-B-2022209349  
 (21) 2022209349 (22) 29.07.2022  
 (54) BINDING MACHINE  
 (51) Int. Cl.  
     **B65B 13/28** ( 2006.01 )  
     **H01R 4/00** ( 2006.01 )  
 (31) 2021-126176 (32) 30.07.21 (33) JP  
 (43) 16.02.2023  
 (44) 18.12.2025  
 (72) ITAGAKI, Osamu  
 (74) AJ PARK

(71) MAX CO., LTD.  
 (11) AU-B-2023201293  
 (21) 2023201293 (22) 02.03.2023  
 (54) BINDING MACHINE  
 (51) Int. Cl.  
     **B65B 13/28** ( 2006.01 )  
     **B25B 25/00** ( 2006.01 )  
     **B65B 27/10** ( 2006.01 )  
 (31) 2022-031360 (32) 02.03.22 (33) JP  
 (43) 21.09.2023  
 (44) 18.12.2025  
 (72) KOSUGE, Makoto; TAKAHASHI, Shingo; HAMANO, Terufumi  
 (74) AJ PARK

(71) McCarthy, M.  
 (11) AU-B-2024278211  
 (21) 2024278211 (22) 09.12.2024  
 (54) Apparatus and Method for Collection and Disposal of Fats, Oil and Grease

(51) Int. Cl.  
     **E02B 15/06** ( 2006.01 )  
     **B01D 35/28** ( 2006.01 )  
     **B01D 46/30** ( 2006.01 )  
     **B65D 81/26** ( 2006.01 )  
     **E02B 15/04** ( 2006.01 )  
 (43) 02.01.2025  
 (44) 18.12.2025  
 (62) 2022242747  
 (72) McCarthy, Martin  
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) Medela Holding AG  
 (11) AU-B-2021223172  
 (21) 2021223172 (22) 19.02.2021  
 (54) Breastpump unit and method of operation  
 (51) Int. Cl.  
     **A61M 1/00** ( 2006.01 )  
     **A61M 1/06** ( 2006.01 )  
 (87) WO2021/165892  
 (31) 2020900501 (32) 21.02.20 (33) AU  
 (43) 26.08.2021  
 (44) 18.12.2025  
 (72) HÖNER, Sebastian; PAWLOWSKI, Jakub Piotr  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MED-EL ELEKTROMEDIZINISCHE GERÄTE GMBH  
 (11) AU-B-2021458236  
 (21) 2021458236 (22) 29.07.2021  
 (54) METHOD, DEVICE AND SYSTEM TO DETERMINE A FREQUENCY FUNCTION OF A BASILAR MEMBRANE OF COCHLEAE TO TUNE COCHLEAR IMPLANTS  
 (51) Int. Cl.  
     **A61B 34/10** ( 2016.01 )  
     **A61B 5/107** ( 2006.01 )  
     **G06N 20/00** ( 2019.01 )  
     **G16H 30/40** ( 2018.01 )  
     **A61B 6/03** ( 2006.01 )  
     **A61F 2/18** ( 2006.01 )  
     **A61F 11/04** ( 2006.01 )  
 (87) WO2023/007227  
 (43) 02.02.2023  
 (44) 18.12.2025  
 (72) AGRAWAL, Sumit; LADAK, Hanif  
 (74) WRAYS PTY LTD

(71) MedImmune Limited  
 (11) AU-B-2023202654  
 (21) 2023202654 (22) 01.05.2023  
 (54) METHODS OF CANCER TREATMENT WITH ANTAGONISTS AGAINST PD-1 AND PD-L1 IN COMBINATION WITH RADIATION THERAPY  
 (51) Int. Cl.  
     **A61K 39/395** ( 2006.01 )  
     **A61N 5/10** ( 2006.01 )  
     **A61P 35/00** ( 2006.01 )  
     **C07K 16/28** ( 2006.01 )  
 (43) 18.05.2023

(44) 18.12.2025  
 (62) 2020210207  
 (72) Stewart, Ross; Morrow, Michelle; Wilkinson, Robert; Poon, Edmund; Dovedi, Simon; Illidge, Tim  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Medivators Inc.  
 (11) AU-B-2024259861  
 (21) 2024259861 (22) 08.11.2024  
 (54) Cleaning Adapter With And Without Safety Tag  
 (51) Int. Cl.  
     **A61B 1/12** ( 2006.01 )  
     **A61B 1/00** ( 2006.01 )  
     **A61B 1/015** ( 2006.01 )  
     **A61B 1/04** ( 2006.01 )  
     **G02B 23/24** ( 2006.01 )  
 (43) 28.11.2024  
 (44) 18.12.2025  
 (62) 2019275262  
 (72) HERNANDEZ, Cesar E; MILLER, John Wayne; BENDELE, Travis; RONAN, Joshua Lee; HIJAZI, Heba; GARRETT, Roger; LAGOW, Robert  
 (74) WRAYS PTY LTD

(71) MEISEI INDUSTRIAL CO., LTD.; NIPPON CHEMICAL INDUSTRIAL CO., LTD.  
 (11) AU-B-2023352284  
 (21) 2023352284 (22) 29.09.2023  
 (54) FOAMED RESIN INSULATION MATERIAL, AND METHOD FOR MANUFACTURING SAME  
 (51) Int. Cl.  
     **C08J 9/02** ( 2006.01 )  
     **B29C 44/00** ( 2006.01 )  
     **B29C 44/12** ( 2006.01 )  
     **B32B 5/20** ( 2006.01 )  
     **B32B 5/24** ( 2006.01 )  
     **F16L 59/04** ( 2006.01 )  
 (87) WO2024/071394  
 (31) 2022-159082 (32) 30.09.22 (33) JP  
 (43) 04.04.2024  
 (44) 18.12.2025  
 (72) YAMASHIRO Hirotaka; KAWANO Tet-suya; NAKAGAWA Yukio; MORISHITA Yuuichi; NAGAJI Kentarou; MOURI Kengo; NAGAURA Hidenori; FUKAZAWA Junya; HATA Toru; KATO Takuma  
 (74) AJ PARK

(71) Memorial Sloan-Kettering Cancer Center  
 (11) AU-B-2024200020  
 (21) 2024200020 (22) 02.01.2024  
 (54) Cancer antigen targets and uses thereof  
 (51) Int. Cl.  
     **A61K 35/17** ( 2015.01 )  
     **A61K 39/00** ( 2006.01 )  
     **A61P 35/02** ( 2006.01 )  
 (43) 01.02.2024  
 (44) 18.12.2025  
 (62) 2017307610  
 (72) SADELAIN, Michel; PERNA, Fabiana  
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

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**Merck Sharp & Dohme Animal Health, S.L. see S.C.R. [Engineers] Limited**  
**(21)** 2024205151

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**(71)** Merck Sharp & Dohme LLC  
**(11)** AU-B-2024201518  
**(21)** 2024201518 **(22)** 07.03.2024  
**(54)** Pneumococcal polysaccharides and their use in immunogenic polysaccharide-carrier protein conjugates  
**(51)** Int. Cl.

**A61K 31/35** ( 2006.01 )  
**A61K 31/715** ( 2006.01 )  
**A61K 39/085** ( 2006.01 )  
**C12P 19/04** ( 2006.01 )

**(43)** 28.03.2024  
**(44)** 18.12.2025  
**(62)** 2018328037  
**(72)** PORAMBO, Richard J.; ABEYGUN-AWARDANA, Chitrananda; MUSEY, Luwy Kavuka; KOSINSKI, Michael J.; CUI, Yadong Adam; MCHUGH, Patrick; KONIETZKO, Janelle  
**(74)** Spruson & Ferguson

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**(71)** Merus N.V.  
**(11)** AU-B-2021214622  
**(21)** 2021214622 **(22)** 28.01.2021  
**(54)** Means and method for modulating immune cell engaging effects.  
**(51)** Int. Cl.

**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 15/13** ( 2006.01 )  
**C12N 15/62** ( 2006.01 )

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**(31)** 2024786 **(32)** 29.01.20 **(33)** NL  
**(43)** 05.08.2021  
**(44)** 18.12.2025  
**(72)** VAN LOO, Pieter Fokko; THROSBY, Mark  
**(74)** FPA Patent Attorneys Pty Ltd

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**(71)** MetrioPharm AG  
**(11)** AU-B-2021244864  
**(21)** 2021244864 **(22)** 24.03.2021  
**(54)** 5-amino-2,3-dihydro-1,4-phthalazinedione for treatment of acute lung injury  
**(51)** Int. Cl.

**A61K 9/00** ( 2006.01 )  
**A61K 31/502** ( 2006.01 )  
**A61K 45/06** ( 2006.01 )  
**A61P 11/00** ( 2006.01 )  
**A61P 11/16** ( 2006.01 )  
**A61P 31/14** ( 2006.01 )

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**(31)** 20000133.7 **(32)** 25.03.20 **(33)** EP  
**(43)** 30.09.2021  
**(44)** 18.12.2025  
**(72)** BRYSCH, Wolfgang; KAISER, Astrid; SCHULZ, Petra; SCHUMANN, Sara; VON WEGERER, Jörg; SETZ, Christian; SCHUBERT, Ulrich  
**(74)** Griffith Hack

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**(71)** Metso Finland Oy  
**(11)** AU-B-2020338260  
**(21)** 2020338260 **(22)** 27.08.2020  
**(54)** Screening device  
**(51)** Int. Cl.  
**B07B 1/46** ( 2006.01 )

**(87)** WO2021/038011  
**(31)** 19193866.1 **(32)** 27.08.19 **(33)** EP  
**(43)** 04.03.2021  
**(44)** 18.12.2025  
**(72)** LEINONEN, Timo  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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**(71)** Metso Finland Oy  
**(11)** AU-B-2020406622  
**(21)** 2020406622 **(22)** 15.12.2020  
**(54)** A filter press and a filter plate compression and transport retrofitting kit for a filter press  
**(51)** Int. Cl.

**B01D 25/12** ( 2006.01 )  
**B01D 25/164** ( 2006.01 )  
**B01D 25/19** ( 2006.01 )  
**B21D 43/05** ( 2006.01 )

**(87)** WO2021/122519  
**(31)** 19218688.0 **(32)** 20.12.19 **(33)** EP  
 19218694.8 20.12.19 EP  
**(43)** 24.06.2021  
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**(72)** GRÖNVALL, Lars  
**(74)** IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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**(71)** Metso USA Inc.  
**(11)** AU-B-2021477689  
**(21)** 2021477689 **(22)** 07.12.2021  
**(54)** ROLLER MACHINE WITH A RADAR MONITORING UNIT, RADAR MONITORING UNIT FOR A I ROLLER MACHINE AND A METHOD HERETO  
**(51)** Int. Cl.

**B02C 4/28** ( 2006.01 )  
**B02C 25/00** ( 2006.01 )

**(87)** WO2023/104294  
**(43)** 15.06.2023  
**(44)** 18.12.2025  
**(72)** WINKEL, Reik; KIRSCH, Stephan W.  
**(74)** Davies Collison Cave Pty Ltd

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**(71)** MICRO MOTION, INC.  
**(11)** AU-B-2021477585  
**(21)** 2021477585 **(22)** 06.12.2021  
**(54)** USING PARAMETERS OF SENSOR SIGNALS PROVIDED BY A SENSOR ASSEMBLY TO VERIFY THE SENSOR ASSEMBLY  
**(51)** Int. Cl.

**G01F 1/84** ( 2006.01 )  
**G01F 25/10** ( 2022.01 )

**(87)** WO2023/107093  
**(43)** 15.06.2023  
**(44)** 18.12.2025  
**(72)** RECKSIEDLER, Adam; DOWNING, Bert J.  
**(74)** GLMR

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**(71)** Millennium Healthcare Technologies, Inc.  
**(11)** AU-B-2020313953  
**(21)** 2020313953 **(22)** 16.07.2020  
**(54)** Laser assisted dentistry with ridge preservation (LARIP)  
**(51)** Int. Cl.

**A61C 1/00** ( 2006.01 )  
**A61C 19/06** ( 2006.01 )  
**A61N 5/06** ( 2006.01 )  
**H01S 3/16** ( 2006.01 )

**(87)** WO2021/011735  
**(31)** 62/875,322 **(32)** 17.07.19 **(33)** US  
 16/930,234 15.07.20 US  
**(43)** 21.01.2021  
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**(72)** GREGG, Robert H.; GREGG, Dawn M.  
**(74)** Acumen Intellectual Property

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**(71)** Mimetrik Solutions Limited  
**(11)** AU-B-2020402644  
**(21)** 2020402644 **(22)** 08.12.2020  
**(54)** Determining spatial relationship between upper and lower teeth  
**(51)** Int. Cl.

**A61C 7/00** ( 2006.01 )  
**G06T 7/33** ( 2017.01 )  
**G06T 7/73** ( 2017.01 )  
**G06T 19/20** ( 2011.01 )

**(87)** WO2021/116672  
**(31)** 1918006.6 **(32)** 09.12.19 **(33)** GB  
**(43)** 17.06.2021  
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**(72)** WOOD, David John; OSNES, Cecilie Anneth; KEELING, Andrew James  
**(74)** Adams Pluck

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**(71)** Minerva Biotechnologies Corporation  
**(11)** AU-B-2019225237  
**(21)** 2019225237 **(22)** 26.02.2019  
**(54)** Diagnostic methods using anti-MUC1\* antibodies  
**(51)** Int. Cl.

**C07K 16/30** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61K 47/68** ( 2017.01 )  
**A61P 35/04** ( 2006.01 )  
**C07K 16/28** ( 2006.01 )  
**G01N 33/53** ( 2006.01 )  
**G01N 33/574** ( 2006.01 )

**(87)** WO2019/165421  
**(31)** 62/635,378 **(32)** 26.02.18 **(33)** US  
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**(44)** 18.12.2025  
**(72)** BAMDAD, Cynthia  
**(74)** FB Rice Pty Ltd

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**(71)** Minovia Therapeutics Ltd.  
**(11)** AU-B-2019311859  
**(21)** 2019311859 **(22)** 22.07.2019  
**(54)** Mitochondrial augmentation therapy for primary mitochondrial diseases  
**(51)** Int. Cl.  
**A61K 35/28** ( 2015.01 )

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**(31)** 62/701,783 (32) 22.07.18 (33) US  
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**(43)** 30.01.2020  
**(44)** 18.12.2025  
**(72)** YIVGI OHANA, Natalie; HALAVEE, Uriel; BUKSHPAN, Shmuel; SHER, Noa; BLUMKIN, Moriya  
**(74)** Pipers Intellectual Property

**(71)** Mobius Technologies, LLC  
**(11)** AU-B-2020291528  
**(21)** 2020291528 (22) 10.06.2020  
**(54)** Cable brace system  
**(51)** Int. Cl.

**A61F 5/01** ( 2006.01 )  
**A61F 5/00** ( 2006.01 )  
**A61F 5/04** ( 2006.01 )

**(87)** WO2020/252080  
**(31)** 16/436,786 (32) 10.06.19 (33) US  
**(43)** 17.12.2020  
**(44)** 18.12.2025  
**(72)** FLEMING, Darren  
**(74)** Spruson & Ferguson

**(71)** Mölnlycke Health Care AB  
**(11)** AU-B-2020403733  
**(21)** 2020403733 (22) 09.12.2020  
**(54)** A patient transfer mattress  
**(51)** Int. Cl.

**A61G 7/057** ( 2006.01 )  
**A61G 7/10** ( 2006.01 )

**(87)** WO2021/122226  
**(31)** 19216675.9 (32) 16.12.19 (33) EP  
**(43)** 24.06.2021  
**(44)** 18.12.2025  
**(72)** GROU, Anna; RODZEWICZ, Patrick; JAKOBSSON, Conny; MELIN, Daniel  
**(74)** FPA Patent Attorneys Pty Ltd

**(71)** MOSKOVITZ, M.J.  
**(11)** AU-B-2023214491  
**(21)** 2023214491 (22) 06.02.2023  
**(54)** CRYO-SURGICAL DEVICE AND MATERIALS AND METHOD OF USE THEREOF  
**(51)** Int. Cl.

**A61B 18/02** ( 2006.01 )  
**A61B 17/34** ( 2006.01 )  
**A61B 18/00** ( 2006.01 )  
**A61F 7/12** ( 2006.01 )  
**A61K 31/045** ( 2006.01 )  
**A61K 31/047** ( 2006.01 )  
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**A61K 47/02** ( 2006.01 )  
**A61K 47/26** ( 2006.01 )  
**A61M 1/00** ( 2006.01 )  
**A61B 17/00** ( 2006.01 )

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**(31)** 63/307,359 (32) 07.02.22 (33) US  
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**(43)** 10.08.2023  
**(44)** 18.12.2025  
**(72)** MOSKOVITZ, Martin J.  
**(74)** AJ PARK

**(71)** MTI Group Pty Ltd  
**(11)** AU-B-2020288450  
**(21)** 2020288450 (22) 08.06.2020  
**(54)** Down hole measurement system  
**(51)** Int. Cl.

**E21B 47/04** ( 2012.01 )  
**E21B 47/06** ( 2012.01 )  
**G01B 7/04** ( 2006.01 )  
**G01B 7/26** ( 2006.01 )

**(87)** WO2020/243797  
**(31)** 2019901972 (32) 06.06.19 (33) AU  
**(43)** 10.12.2020  
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**(72)** BODLEY, Nicholas  
**(74)** IP Sentinels

**(71)** MycoTechnology, Inc.  
**(11)** AU-B-2023266307  
**(21)** 2023266307 (22) 15.11.2023  
**(54)** Sweet protein from truffle  
**(51)** Int. Cl.

**A23L 2/60** ( 2006.01 )  
**A01G 18/00** ( 2018.01 )  
**C07K 14/43** ( 2006.01 )

**(43)** 07.12.2023  
**(44)** 18.12.2025  
**(62)** 2021298029  
**(72)** Marina NADAL; Anthony J. CLARK; Zheyuan GUO; Stephen A. GRAVINA; Anthony WESTGATE; Bassam ALKOTAINI; Ashley HAN; Brendan SHARKEY; Evan STRASSBURGER; Joseph MEILEN; Hyung CHANG; Alan D. HAHN  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Nanjing Roborock Innovation Technology Co., Ltd.

**(11)** AU-B-2022339127  
**(21)** 2022339127 (22) 01.09.2022  
**(54)** DRYING SYSTEM AND LAUNDRY MACHINES USING THE SAME  
**(51)** Int. Cl.

**D06F 58/24** ( 2006.01 )  
**D06F 25/00** ( 2006.01 )  
**D06F 29/00** ( 2006.01 )  
**D06F 58/02** ( 2006.01 )  
**D06F 58/20** ( 2006.01 )  
**D06F 58/22** ( 2006.01 )  
**D06F 58/26** ( 2006.01 )  
**D06F 58/45** ( 2020.01 )

**(87)** WO2023/031837  
**(31)** 202111023112.5 (32) 01.09.21 (33) CN  
 202111450553.3 30.11.21 CN  
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**(43)** 09.03.2023  
**(44)** 18.12.2025  
**(72)** LI, Xing; DUAN, Chuanlin; YAN, Yadong; HUANG, Jibai; YANG, Zhimin; WANG, Zhe; LIU, Ming; LIN, Chenghu; FANG, Junjun; QI, Hang; XU, Ming; LIU, Tong; QUAN, Gang  
**(74)** Halfords IP

**(71)** NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

**(11)** AU-B-2022380293  
**(21)** 2022380293 (22) 25.10.2022  
**(54)** UNIT AND METHOD FOR PRODUCING AMMONIA, AND CATALYST MATERIAL  
**(51)** Int. Cl.

**C01C 1/02** ( 2006.01 )  
**B01J 23/58** ( 2006.01 )  
**B01J 23/63** ( 2006.01 )

**(87)** WO2023/080022  
**(31)** 2021-181476 (32) 05.11.21 (33) JP  
**(43)** 11.05.2023  
**(44)** 18.12.2025  
**(72)** TOMITA Atsuko; WAKABAYASHI Ryutaro; KIMURA Tatsuo  
**(74)** Griffith Hack

**(71)** National University of Singapore

**(11)** AU-B-2020231810  
**(21)** 2020231810 (22) 27.02.2020  
**(54)** Engineered immune cells  
**(51)** Int. Cl.

**C07K 14/725** ( 2006.01 )  
**A61K 35/17** ( 2015.01 )  
**A61P 35/00** ( 2006.01 )  
**C12N 5/0783** ( 2010.01 )

**(87)** WO2020/180243  
**(31)** 10201901875X (32) 01.03.19 (33) SG  
**(43)** 10.09.2020  
**(44)** 18.12.2025  
**(72)** WU, Ling; GASCOIGNE, Nicholas Robert John; BRZOSTEK, Joanna  
**(74)** Davies Collison Cave Pty Ltd

**(71)** NEC Oncolcommunity AS

**(11)** AU-B-2019334131  
**(21)** 2019334131 (22) 04.09.2019  
**(54)** Neoantigen targeting DNA vaccine for combination therapy  
**(51)** Int. Cl.

**A61K 39/00** ( 2006.01 )

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**(31)** 18192782.3 (32) 05.09.18 (33) EP  
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**(43)** 12.03.2020  
**(44)** 18.12.2025  
**(72)** LUBENAU, Heinz  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Nelson Irrigation Corporation

**(11)** AU-B-2020315567  
**(21)** 2020315567 (22) 10.07.2020  
**(54)** Wireless network  
**(51)** Int. Cl.

**G05B 19/042** ( 2006.01 )  
**A01G 25/16** ( 2006.01 )  
**H04L 12/18** ( 2006.01 )

**(87)** WO2021/011358  
**(31)** 62/874,772 (32) 16.07.19 (33) US  
**(43)** 21.01.2021  
**(44)** 18.12.2025  
**(72)** GRIGGS, Travis; BAUMAN, Mark  
**(74)** AJ PARK

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- (71) Neurovigil, Inc.  
 (11) AU-B-2023241380  
 (21) 2023241380 (22) 06.10.2023  
 (54) Localized collection of biological signals, cursor control in speech-assistance interface based on biological electrical signals and arousal detection based on biological electrical signals  
 (51) Int. Cl.  
**A61B 5/374** ( 2021.01 )  
**A61B 5/296** ( 2021.01 )  
**G16H 40/60** ( 2018.01 )  
 (43) 26.10.2023  
 (44) 18.12.2025  
 (62) 2021250913  
 (72) LOW, Philip  
 (74) FB Rice Pty Ltd
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- (71) Nevro Corp.  
 (11) AU-B-2025201242  
 (21) 2025201242 (22) 21.02.2025  
 (54) A 2.4 GHZ RADIO ANTENNA FOR IMPLANTED MEDICAL DEVICES, AND ASSOCIATED SYSTEMS AND METHODS  
 (51) Int. Cl.  
**A61N 1/372** ( 2006.01 )  
**A61N 1/05** ( 2006.01 )  
**A61N 1/08** ( 2006.01 )  
**A61N 1/36** ( 2006.01 )  
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 (43) 20.03.2025  
 (44) 18.12.2025  
 (62) 2019261983  
 (72) SANDHU, Prabdeep; FOREMAN, Bret  
 (74) RnB IP Pty Ltd
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 (11) AU-B-2020259726  
 (21) 2020259726 (22) 08.04.2020  
 (54) Process for the production of substituted 2-(2-(phenyl)ethylamino)alkaneamide derivatives  
 (51) Int. Cl.  
**C07C 237/06** ( 2006.01 )  
**C07C 213/00** ( 2006.01 )  
**C07C 231/12** ( 2006.01 )  
**C07C 253/08** ( 2006.01 )  
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 (74) WRAYS PTY LTD
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 (11) AU-B-2020259813  
 (21) 2020259813 (22) 14.04.2020  
 (54) Process for the production of substituted 2-[2-(phenyl)ethylamino]alkaneamide derivatives  
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**C07C 237/06** ( 2006.01 )  
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- (71) Nihon Nohyaku Co., Ltd.  
 (11) AU-B-2020328033  
 (21) 2020328033 (22) 13.08.2020  
 (54) Microbial compositions for the prevention or reduction of growth of fungal pathogens on plants  
 (51) Int. Cl.  
**F25B 7/00** ( 2006.01 )  
**F25B 47/02** ( 2006.01 )  
**F25D 21/00** ( 2006.01 )  
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 (31) 62/886,883 (32) 14.08.19 (33) US  
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 (72) GARCIA, Veronica; ANDRIKO-POULOS, Sophia; FROLAND, Jensina; TRINIDAD, Kelly; PIAMONTE, Christy; PEARCE, James; BACHER, Jamie; BECKER, Nathaniel T.; VIRAG, Aleksandra; BEDEKAR, Amruta J.; MALINICH, Elizabeth A.  
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- NIHON NOHYAKU CO., LTD. see ADEKA CORPORATION**  
 (21) 2022428605
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- NIPPON CHEMICAL INDUSTRIAL CO., LTD. see MEISEI INDUSTRIAL CO., LTD.**  
 (21) 2023352284
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- (71) NORDIC MINESTEEL TECHNOLOGIES INC.  
 (11) AU-B-2023232837  
 (21) 2023232837 (22) 02.03.2023  
 (54) DUMP CAR HAVING ARCED TOP AND SIDE GATES  
 (51) Int. Cl.  
**B61D 7/16** ( 2006.01 )  
**B61D 5/00** ( 2006.01 )  
**B61D 7/08** ( 2006.01 )  
**B61D 7/20** ( 2006.01 )  
**B65D 90/58** ( 2006.01 )  
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 (43) 14.09.2023  
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 (72) KELSO, Bryan  
 (74) Spruson & Ferguson
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 (11) AU-B-2023271697  
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 (54) QUANTUM LIDAR SYSTEM  
 (51) Int. Cl.  
**G01S 7/4911** ( 2020.01 )  
**G01S 7/481** ( 2006.01 )

- G06N 3/0464** ( 2023.01 )  
**H01S 5/34** ( 2006.01 )  
**H01S 5/40** ( 2006.01 )  
 (87) WO2023/224741  
 (31) 17/746,692 (32) 17.05.22 (33) US  
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 (74) GLMR
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- (71) Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences  
 (11) AU-B-2025237927  
 (21) 2025237927 (22) 23.09.2025  
 (54) DEVICE FOR MONITORING GREENHOUSE GAS EMISSION IN PERMAFROST REGIONS OF THE QINGHAI-TIBET PLATEAU  
 (51) Int. Cl.  
**G01N 1/22** ( 2006.01 )  
**G01N 21/3504** ( 2014.01 )  
**G01N 33/24** ( 2006.01 )  
 (43) 18.12.2025  
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 (72) Wang, Junfeng  
 (74) Arceo IP
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- (71) Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences  
 (11) AU-B-2025259836  
 (21) 2025259836 (22) 28.10.2025  
 (54) Ecological Prevention and Control Component for Permafrost Slope Thermokarst Slumping  
 (51) Int. Cl.  
**E02D 3/115** ( 2006.01 )  
**A01G 13/27** ( 2025.01 )  
**A01G 27/04** ( 2006.01 )  
**E02D 19/08** ( 2006.01 )  
**E02D 19/14** ( 2006.01 )  
**F25B 21/02** ( 2006.01 )  
 (43) 18.12.2025  
 (44) 18.12.2025  
 (72) WANG, Junfeng  
 (74) Arceo IP
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- (71) Novartis AG  
 (11) AU-B-2020276695  
 (21) 2020276695 (22) 12.05.2020  
 (54) New crystalline forms of N-(3-(2-(2-hydroxyethoxy)-6-morpholinopyridin-4-yl)-4-methylphenyl)-2-(trifluoromethyl)isonicotinamide as RAF inhibitors for the treatment of cancer  
 (51) Int. Cl.  
**C07D 413/14** ( 2006.01 )  
**A61K 31/5375** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2020/230028  
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Novartis AG  
 (11) AU-B-2021320129  
 (21) 2021320129 (22) 02.08.2021  
 (54) Treatment of B cell malignancies  
 (51) Int. Cl.  
**C07K 16/28** ( 2006.01 )  
**A61K 39/395** ( 2006.01 )  
**A61P 35/02** ( 2006.01 )

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 63/114,363 16.11.20 US  
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 (43) 10.02.2022  
 (44) 18.12.2025  
 (72) HASSOUNAH, Nadia; CHAUDHURY, Anwasha; CHOUDHURY, Somesh; WOO, Janghee; KUNDAMAL, Nicole Anju Punjabi  
 (74) Davies Collison Cave Pty Ltd

(71) NovImmune SA  
 (11) AU-B-2019235523  
 (21) 2019235523 (22) 14.03.2019  
 (54) Anti-CD3 epsilon antibodies and methods of use thereof  
 (51) Int. Cl.

**C07K 16/28** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
**C07K 16/46** ( 2006.01 )  
 (87) WO2019/175658  
 (31) 62/643,095 (32) 14.03.18 (33) US  
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 (72) MAGISTRELLI, Giovanni; GUENEAU, Franck; RAVIN, Ulla; FISCHER, Nicolas  
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 (54) Method for enhancing embryo implantation  
 (51) Int. Cl.

**A61K 33/34** ( 2006.01 )  
**A61B 17/435** ( 2006.01 )  
**A61F 6/14** ( 2006.01 )  
**A61K 33/26** ( 2006.01 )  
**A61P 15/08** ( 2006.01 )  
**A61P 41/00** ( 2006.01 )  
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 (74) Madderns Pty Ltd

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**F01D 9/04** ( 2006.01 )  
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**C12N 15/82** ( 2006.01 )  
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**A23D 9/00** ( 2006.01 )  
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**E04B 5/32** ( 2006.01 )  
**E01C 11/20** ( 2006.01 )  
**E02D 27/01** ( 2006.01 )  
**E04B 5/02** ( 2006.01 )  
**E04B 5/43** ( 2006.01 )  
**E04C 2/06** ( 2006.01 )  
**E04C 3/26** ( 2006.01 )  
**E04C 5/01** ( 2006.01 )  
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**B65G 1/04** ( 2006.01 )  
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**F24S 20/20** ( 2018.01 )  
**F24S 23/00** ( 2018.01 )  
**F24S 40/52** ( 2018.01 )  
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**E02D 5/56** ( 2006.01 )  
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 (74) LAMINAR IP PTY LTD

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**G01F 15/06** ( 2022.01 )  
**G01D 4/00** ( 2006.01 )  
**G01F 1/66** ( 2022.01 )  
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (54) Recombinant polypeptides comprising modified MHC class II DRalpha1 domains and methods of use  
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**A61K 39/00** ( 2006.01 )  
**C07K 14/74** ( 2006.01 )  
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 (54) AGRICULTURAL COMPOSITION  
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**A01N 63/22** ( 2020.01 )  
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**A01N 63/27** ( 2020.01 )  
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**A01P 5/00** ( 2006.01 )  
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 (74) Griffith Hack
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- (71) Oshkosh Corporation  
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 (54) Fully-electric scissor lift  
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**B66F 11/04** ( 2006.01 )  
**E04G 1/22** ( 2006.01 )  
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 (51) Int. Cl.  
**H04R 25/00** ( 2006.01 )  
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**H04R 25/02** ( 2006.01 )  
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 (54) BIOMASS SELECTION AND CONTROL FOR CONTINUOUS FLOW GRANULAR/FLOCCULENT ACTIVATED SLUDGE PROCESSES  
 (51) Int. Cl.  
**C02F 3/12** ( 2006.01 )  
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**A45C 7/00** ( 2006.01 )  
**A45F 3/04** ( 2006.01 )  
**A45F 4/02** ( 2006.01 )  
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**C12N 15/113** ( 2010.01 )  
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 (51) Int. Cl.  
**A23J 3/22** ( 2006.01 )  
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**A23L 7/10** ( 2016.01 )  
**A23L 33/185** ( 2016.01 )  
**A23P 30/25** ( 2016.01 )  
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 (74) FB Rice Pty Ltd
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 (54) IMPLANTS, INSTRUMENTS, SYSTEMS, AND METHODS OF USING  
 (51) Int. Cl.  
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**A61B 17/15** ( 2006.01 )  
**A61F 2/44** ( 2006.01 )  
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 (51) Int. Cl.  
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 (74) WRAYS PTY LTD
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 (51) Int. Cl.  
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*B60G 7/00* ( 2006.01 )  
*B60G 15/12* ( 2006.01 )  
*B60G 21/00* ( 2006.01 )  
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 2025900407 14.02.25 AU  
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 (72) MONTESALVO, Justin; BELL, Mitchell;  
 BELL, Harrison  
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 (11) AU-B-2025205578  
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 (54) Camper trailer or caravan  
 (51) Int. Cl.  
*B62D 59/04* ( 2006.01 )  
*B60G 7/00* ( 2006.01 )  
*B60G 21/055* ( 2006.01 )  
*B62D 13/06* ( 2006.01 )  
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(71) Patriot Campers Holdings Pty Ltd  
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 (21) 2025205579 (22) 17.07.2025  
 (54) Camper trailer or caravan  
 (51) Int. Cl.  
*B60P 3/36* ( 2006.01 )  
*B60R 15/02* ( 2006.01 )  
*B60R 15/04* ( 2006.01 )  
*B62D 63/08* ( 2006.01 )  
*E03D 11/00* ( 2006.01 )  
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 (72) BELL, Harrison; MONTESALVO, Justin  
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(71) Paul Hartmann AG  
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 component  
 (51) Int. Cl.  
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*D04H 3/08* ( 2006.01 )  
*D04H 3/147* ( 2012.01 )  
*D04H 3/16* ( 2006.01 )  
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 SELMEIER, Rüdiger; KAŠPÁRKOVÁ,  
 Pavlína; MECL, Zdenek  
 (74) FPA Patent Attorneys Pty Ltd

(71) PEL Pintossi Emilio S.p.a.  
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 (54) Gas cock for gas burner  
 (51) Int. Cl.  
*F23N 1/00* ( 2006.01 )  
*F16K 5/02* ( 2006.01 )  
*F16K 5/10* ( 2006.01 )  
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 (72) PINTOSSI, Ivano  
 (74) Murray Trento & Associates Pty Ltd

(71) PepsiCo, Inc.  
 (11) AU-B-2020356360  
 (21) 2020356360 (22) 18.09.2020  
 (54) Vacuum-insulated cooler  
 (51) Int. Cl.  
*F25D 23/06* ( 2006.01 )  
*F25D 23/00* ( 2006.01 )  
*F25D 23/02* ( 2006.01 )  
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 (72) JAJA, Emad; LI, Xuejun; LAU, Ch-  
 euk Chi; MASAND, Drishti; LAZARINI,  
 Priscila  
 (74) Allens Patent & Trade Mark Attorneys

(71) Perma-Liner Industries, LLC  
 (11) AU-B-2024201229  
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 (54) Method, apparatus and system for lin-  
 ing conduits  
 (51) Int. Cl.  
*B29C 63/00* ( 2006.01 )  
*B29C 49/24* ( 2006.01 )  
*B29C 63/18* ( 2006.01 )  
*B29C 63/26* ( 2006.01 )  
 (43) 14.03.2024  
 (44) 18.12.2025  
 (62) 2018316705  
 (72) TAYLOR, Kevan  
 (74) Davies Collison Cave Pty Ltd

(71) Perma-tec GmbH & Co. KG  
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 (21) 2020242868 (22) 13.02.2020  
 (54) Lubricant dispenser  
 (51) Int. Cl.  
*F16N 11/08* ( 2006.01 )  
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 (31) 10 2019 106 692.1 (32) 15.03.19 (33) DE  
 (43) 24.09.2020  
 (44) 18.12.2025  
 (72) EISENBACHER, Egon; BÜHNER,  
 Kuno; ENGELHARDT, Ralf; LEHNERT,  
 Jochen; HAUPT, Thomas  
 (74) Spruson & Ferguson

(71) PERMOBIL AB  
 (11) AU-B-2023204398

(21) 2023204398 (22) 07.07.2023  
 (54) POWERED MIDWHEEL DRIVE  
 WHEELCHAIR WITH STANDING CAP-  
 ABILITY  
 (51) Int. Cl.  
*A61G 5/04* ( 2013.01 )  
*A61G 5/14* ( 2006.01 )  
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 (43) 25.01.2024  
 (44) 18.12.2025  
 (72) VAN DE WAL, Herbert; DANIELSSON,  
 Anton; LOFVANDER, Ulrik  
 (74) AJ PARK

(71) Pfizer Inc.  
 (11) AU-B-2021332183  
 (21) 2021332183 (22) 23.08.2021  
 (54) Group B streptococcus polysacchar-  
 ide-protein conjugates, methods for  
 producing conjugates, immunogenic  
 compositions comprising conjugates,  
 and uses thereof  
 (51) Int. Cl.  
*A61K 39/09* ( 2006.01 )  
*A61P 31/04* ( 2006.01 )  
*A61K 39/00* ( 2006.01 )  
 (87) WO2022/043855  
 (31) 63/070,410 (32) 26.08.20 (33) US  
 63/229,359 04.08.21 US  
 (43) 03.03.2022  
 (44) 18.12.2025  
 (72) ANDERSON, Annaliesa Sybil;  
 DONALD, Robert George Konrad;  
 HAWKINS, Julio Cesar; KODALI,  
 Srinivas; SIMON, Raphael  
 (74) Davies Collison Cave Pty Ltd

(71) Pharaoh Neuro, Inc.  
 (11) AU-B-2024264644  
 (21) 2024264644 (22) 14.11.2024  
 (54) Filtering cassettes and filtering systems  
 (51) Int. Cl.  
*A61M 1/00* ( 2006.01 )  
 (43) 05.12.2024  
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 (62) 2021271803  
 (72) DARBANDI, Bejan Michael; MCCABE,  
 Aaron R.; JONES, Justin Charles  
 (74) Spruson & Ferguson

(71) Philip Morris Products S.A.  
 (11) AU-B-2020336814  
 (21) 2020336814 (22) 27.05.2020  
 (54) Aerosol-generating device with means  
 for detecting at least one of the inser-  
 tion or the extraction of an aerosol-gen-  
 erating article into or from the device  
 (51) Int. Cl.  
*A24F 40/20* ( 2020.01 )  
*A24D 1/20* ( 2020.01 )  
*A24F 40/465* ( 2020.01 )  
*A24F 40/50* ( 2020.01 )  
*A24F 40/53* ( 2020.01 )  
 (87) WO2021/037403  
 (31) 19193286.2 (32) 23.08.19 (33) EP  
 (43) 04.03.2021

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 (72) COURBAT, Jerome; FURSA, Oleg; MIRONOV, Oleg; STURA, Enrico; OLIANA, Valerio; BUTIN, Yannick  
 (74) James & Wells Intellectual Property

(71) Philip Morris Products S.A.  
 (11) AU-B-2020381237  
 (21) 2020381237 (22) 29.10.2020  
 (54) Aerosol-generating element for use in an aerosol-generating article or system  
 (51) Int. Cl.  
 A24B 15/167 ( 2020.01 )  
 A24B 15/28 ( 2006.01 )  
 A24F 47/00 ( 2020.01 )

(87) WO2021/089413  
 (31) 19206993.8 (32) 04.11.19 (33) EP  
 (43) 14.05.2021  
 (44) 18.12.2025  
 (72) LAVANANT, Laurent; LI, Ping; ONG-MAYEB, Gisèle  
 (74) James & Wells Intellectual Property

(71) Pierre Fabre Médicament  
 (11) AU-B-2019358417  
 (21) 2019358417 (22) 07.10.2019  
 (54) Anti-Met Fab-Fc for the treatment of a tumor and/or metastasis  
 (51) Int. Cl.  
 C07K 16/28 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2020/074459  
 (31) 10201800009282 (32) 09.10.18 (33) IT  
 (43) 16.04.2020  
 (44) 18.12.2025  
 (72) VIGNA, Elisa; BASILICO, Cristina; CREPALDI, Tiziana; COMOGLIO, Paolo Maria  
 (74) Phillips Ormonde Fitzpatrick

(71) PINDROP SECURITY, INC.  
 (11) AU-B-2023263421  
 (21) 2023263421 (22) 06.11.2023  
 (54) End-to-end speaker recognition using deep neural network  
 (51) Int. Cl.  
 G10L 17/04 ( 2013.01 )  
 G10L 17/18 ( 2013.01 )  
 (43) 23.11.2023  
 (44) 18.12.2025  
 (62) 2021286422  
 (72) Elie KHOURY; Matthew GARLAND  
 (74) Griffith Hack

(71) Pirouette Pharma Inc.  
 (11) AU-B-2024204518  
 (21) 2024204518 (22) 28.06.2024  
 (54) COMPACT AUTO-INJECTOR  
 (51) Int. Cl.  
 A61M 5/20 ( 2006.01 )  
 A61M 5/142 ( 2006.01 )  
 (43) 18.07.2024  
 (44) 18.12.2025  
 (62) 2018326619  
 (72) KAPAS, Elijah; KANE, Matthew; CULLINANE, Conor  
 (74) FB Rice Pty Ltd

(71) Pratt Corrugated Holdings, Inc.  
 (11) AU-B-2024204391  
 (21) 2024204391 (22) 26.06.2024  
 (54) LINER  
 (51) Int. Cl.  
 B65D 81/38 ( 2006.01 )  
 B65D 25/16 ( 2006.01 )  
 (43) 18.07.2024  
 (44) 18.12.2025  
 (62) 2018264050  
 (72) Waltermire, Jamie; Sollie, Greg; Chen, Shifeng  
 (74) IP Sentinels

(71) Praxis Precision Medicines, Inc.  
 (11) AU-B-2019278814  
 (21) 2019278814 (22) 30.05.2019  
 (54) Ion channel modulators  
 (51) Int. Cl.  
 A61K 31/519 ( 2006.01 )  
 A61K 31/5377 ( 2006.01 )  
 A61K 31/551 ( 2006.01 )

(87) WO2019/232209  
 (31) 62/677,903 (32) 30.05.18 (33) US  
 62/738,508 28.09.18 US  
 (43) 05.12.2019  
 (44) 18.12.2025  
 (72) GRIFFIN, Andrew, Mark; MARRON, Brian, Edward; MARTINEZ BOTELLA, Gabriel; REDDY, Kiran; WITTMANN, Marion  
 (74) Spruson & Ferguson

(71) Precision Planting LLC  
 (11) AU-B-2024204526  
 (21) 2024204526 (22) 28.06.2024  
 (54) Systems and apparatuses for soil and seed monitoring  
 (51) Int. Cl.  
 A01C 5/06 ( 2006.01 )  
 A01B 61/04 ( 2006.01 )  
 A01B 79/00 ( 2006.01 )  
 A01C 5/00 ( 2006.01 )  
 A01C 7/20 ( 2006.01 )  
 (43) 18.07.2024  
 (44) 18.12.2025  
 (62) 2018345735  
 (72) STRNAD, Michael; KATER, Timothy; MORGAN, Matthew P.; KOCH, Dale M.; HODEL, Jeremy; MINARICH, Nicholas; LITWILLER, Riley  
 (74) Griffith Hack

(71) Prelude Corporation  
 (11) AU-B-2019339508  
 (21) 2019339508 (22) 13.09.2019  
 (54) Method of selection for treatment of subjects at risk of invasive breast cancer  
 (51) Int. Cl.  
 G01N 33/574 ( 2006.01 )  
 C12N 5/09 ( 2010.01 )  
 (87) WO2020/056338  
 (31) 62/731,316 (32) 14.09.18 (33) US  
 (43) 19.03.2020

(44) 18.12.2025  
 (72) BREMER, Troy M.  
 (74) Davies Collison Cave Pty Ltd

(71) President and Fellows of Harvard College  
 (11) AU-B-2020287620  
 (21) 2020287620 (22) 04.06.2020  
 (54) Compositions and methods relating to erythrocytes with adhered particles  
 (51) Int. Cl.  
 A61K 9/51 ( 2006.01 )  
 A61K 45/06 ( 2006.01 )  
 A61K 47/69 ( 2017.01 )

(87) WO2020/247576  
 (31) 62/858,478 (32) 07.06.19 (33) US  
 (43) 10.12.2020  
 (44) 18.12.2025  
 (72) MITRAGOTRI, Samir; UKIDVE, Anvay Ashish; ZHAO, Zongmin  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) President and Fellows of Harvard College  
 (11) AU-B-2023254972  
 (21) 2023254972 (22) 26.10.2023  
 (54) Cas variants for gene editing  
 (51) Int. Cl.  
 C12N 9/78 ( 2006.01 )  
 (43) 16.11.2023  
 (44) 18.12.2025  
 (62) 2021200375  
 (72) Liu, David R.; Komor, Alexis Christine  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Professional Dietetics S.p.A.  
 (11) AU-B-2020422228  
 (21) 2020422228 (22) 21.12.2020  
 (54) Compositions comprising amino acids for prevention and/or treatment of cancer  
 (51) Int. Cl.  
 A61K 31/194 ( 2006.01 )  
 A61K 31/198 ( 2006.01 )  
 A61K 31/704 ( 2006.01 )  
 A61P 35/00 ( 2006.01 )  
 (87) WO2021/144640  
 (31) 10202000000454 (32) 13.01.20 (33) IT  
 (43) 22.07.2021  
 (44) 18.12.2025  
 (72) GIORGETTI, Paolo Luca Maria  
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Progressive IP Limited  
 (11) AU-B-2023266252  
 (21) 2023266252 (22) 14.11.2023  
 (54) IMPROVEMENTS IN & RELATING TO POWERED RAKES & ACCESSORIES PROVIDING GRADING  
 (51) Int. Cl.  
 A01B 29/04 ( 2006.01 )  
 A01B 29/06 ( 2006.01 )  
 A01B 31/00 ( 2006.01 )  
 A01B 35/18 ( 2006.01 )  
 A01B 27/00 ( 2006.01 )

Applications Accepted - Name Index cont'd

*B60D 1/00* ( 2006.01 )  
*B60D 1/48* ( 2006.01 )  
**(31)** 794474 **(32)** 15.11.22 **(33)** NZ  
**(43)** 30.05.2024  
**(44)** 18.12.2025  
**(72)** Rodney Warwick SHARP  
**(74)** Antonia Luz Ines SIMS

**Prometheus Biosciences, Inc. see Dr. Falk Pharma GMBH**  
**(21)** 2019261933

**(71)** Protembis GmbH  
**(11)** AU-B-2020301584  
**(21)** 2020301584 **(22)** 29.06.2020  
**(54)** Embolism protection device for introducing into an aortic arch  
**(51)** Int. Cl.  
**A61F 2/01** ( 2006.01 )  
**A61F 2/95** ( 2013.01 )  
**(87)** WO2020/260696  
**(31)** 10 2019 117 603.4 **(32)** 28.06.19 **(33)** DE  
 10 2020 110 715.3 20.04.20 DE  
**(43)** 30.12.2020  
**(44)** 18.12.2025  
**(72)** CAMKIRAN, Murat; VON MANGOLDT, Karl; PFENNIG, Michael; RASMUS, Conrad; SCHUMACHER, Oliver  
**(74)** Oxygene IP

**(71)** Prysman S.p.A.  
**(11)** AU-B-2020277117  
**(21)** 2020277117 **(22)** 24.11.2020  
**(54)** Radiating coaxial cable  
**(51)** Int. Cl.  
**H01Q 1/38** ( 2006.01 )  
**(31)** 102019000022329 **(32)** 27.11.19 **(33)** IT  
**(43)** 10.06.2021  
**(44)** 18.12.2025  
**(72)** Manninen, Mika  
**(74)** Davies Collison Cave Pty Ltd

**(71)** Prysman S.p.A.  
**(11)** AU-B-2020289722  
**(21)** 2020289722 **(22)** 14.12.2020  
**(54)** Gripping device for retaining a cable  
**(51)** Int. Cl.  
**H01R 13/58** ( 2006.01 )  
**(31)** 102019000025591 **(32)** 27.12.19 **(33)** IT  
**(43)** 15.07.2021  
**(44)** 18.12.2025  
**(72)** Frampton, Simon James; Roberts, Kris Jonathan; Le Dissez, Arnaud; Paddick, Nathan; Wedgbrow, Phil; Barnes, Andrew Paul  
**(74)** Davies Collison Cave Pty Ltd

**PT ESG NEW ENERGY MATERIAL see PT QMB NEW ENERGY MATERIALS**  
**(21)** 2023446740

**(71)** PT ESG NEW ENERGY MATERIAL;  
 PT QMB NEW ENERGY MATERIALS;

GEM CO., LTD.; PT GEM INDONESIA  
 NEW ENERGY MATERIALS

**(11)** AU-B-2023446741  
**(21)** 2023446741 **(22)** 30.06.2023  
**(54)** DEVICE FOR PREPARING LIME-STONE SLURRY AND CALCIUM HYDROXIDE FOR LATERITE-NICKEL ORE HYDROMETALLURGY  
**(51)** Int. Cl.  
**B01F 35/22** ( 2022.01 )  
**B02C 23/02** ( 2006.01 )  
**C04B 2/04** ( 2006.01 )  
**C04B 2/10** ( 2006.01 )  
**C22B 23/00** ( 2006.01 )  
**(87)** WO2025/000449  
**(43)** 06.02.2025  
**(44)** 18.12.2025  
**(72)** BRODJONEGORO, Satryo Soemantri; XU, Kaihua; PENG, Yaguang; WANALDI, Rizky; AJI, Tegar Mukti; HASIBUAN, Andi Syaputra; KRISTIYANTO, Evan Wahyu; SINAGA, Arnaldo Marulitua  
**(74)** Madderns Pty Ltd

**PT GEM INDONESIA NEW ENERGY MATERIALS see PT QMB NEW ENERGY MATERIALS**  
**(21)** 2023446740

**PT GEM INDONESIA NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL**  
**(21)** 2023446741

**(71)** PT QMB NEW ENERGY MATERIALS;  
 PT ESG NEW ENERGY MATERIAL;  
 GEM CO., LTD.; PT GEM INDONESIA  
 NEW ENERGY MATERIALS  
**(11)** AU-B-2023446740  
**(21)** 2023446740 **(22)** 30.06.2023  
**(54)** SHORT-PROCESS NICKEL-COBALT-MANGANESE CO-EXTRACTION PROCESS FOR LATERITE NICKEL ORE HYDROMETALLURGY  
**(51)** Int. Cl.  
**C22B 23/00** ( 2006.01 )  
**C22B 3/16** ( 2006.01 )  
**(87)** WO2025/000486  
**(43)** 06.02.2025  
**(44)** 18.12.2025  
**(72)** XU, Kaihua; BRODJONEGORO, SATRYO SOEMANTRI; LIU, Wei; AJI, TEGAR MUKTI; WANALDI, RIZKY; RAHMADI, PIYAN; SALIM, EMIL; HASIBUAN, ANDI SYAPUTRA  
**(74)** Madderns Pty Ltd

**PT QMB NEW ENERGY MATERIALS see PT ESG NEW ENERGY MATERIAL**  
**(21)** 2023446741

**(71)** Pulnovo Medical (Wuxi) Co., Ltd.  
**(11)** AU-B-2023286013  
**(21)** 2023286013 **(22)** 27.12.2023

**(54)** MULTI-POLE SYNCHRONOUS PULMONARY ARTERY RADIOFREQUENCY ABLATION CATHETER  
**(51)** Int. Cl.  
**A61B 18/12** ( 2006.01 )  
**A61N 1/32** ( 2006.01 )  
**(43)** 25.01.2024  
**(44)** 18.12.2025  
**(62)** 2022202710  
**(72)** Chen, Shaoliang  
**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

**(71)** PULPEX LIMITED  
**(11)** AU-B-2023232472  
**(21)** 2023232472 **(22)** 10.03.2023  
**(54)** METHOD OF AND SYSTEM FOR FORMING A RECEPTACLE  
**(51)** Int. Cl.  
**D21J 3/10** ( 2006.01 )  
**(87)** WO2023/170425  
**(31)** 2203425.0 **(32)** 11.03.22 **(33)** GB  
**(43)** 14.09.2023  
**(44)** 18.12.2025  
**(72)** TURNER, Adam Richard; PROZESKY, Daniel George; ASHCROFT, Theo Richard  
**(74)** MBIP

**(71)** PVAP IP PTY LTD  
**(11)** AU-B-2023366048  
**(21)** 2023366048 **(22)** 18.10.2023  
**(54)** A MODULAR MULTI-STOREY BUILDING AND A METHOD FOR THE CONSTRUCTION THEREOF  
**(51)** Int. Cl.  
**E04B 1/348** ( 2006.01 )  
**E04B 1/19** ( 2006.01 )  
**E04B 1/24** ( 2006.01 )  
**E04B 1/35** ( 2006.01 )  
**E04H 1/00** ( 2006.01 )  
**E04H 1/04** ( 2006.01 )  
**E04H 1/12** ( 2006.01 )  
**(87)** WO2024/082013  
**(31)** 2022903102 **(32)** 20.10.22 **(33)** AU  
**(43)** 25.04.2024  
**(44)** 18.12.2025  
**(72)** PULJICH, Adrian; EPPLE, Grant  
**(74)** MBIP

**(71)** Qompium  
**(11)** AU-B-2020428386  
**(21)** 2020428386 **(22)** 19.11.2020  
**(54)** Computer-implemented method for synchronizing a photoplethysmography (PPG) signal with an electrocardiogram (ECG) signal  
**(51)** Int. Cl.  
**A61B 5/024** ( 2006.01 )  
**(87)** WO2021/160306  
**(31)** 20157081.9 **(32)** 13.02.20 **(33)** EP  
**(43)** 19.08.2021  
**(44)** 18.12.2025  
**(72)** LAMBEIN, Xavier Marie Christ-ian Fernand; VANVINCKENROYE, Amaury, Marie-Christine Christophe; DE WITTE, Glenn; LEYSEN, Kobe Roger Marijke; GRIETEN, Lars; VAN DER

Applications Accepted - Name Index cont'd

AUWERA, Jo; VAN GORP, Bie Josephus Constantia  
**(74)** WRAYS PTY LTD

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2020270130  
**(21)** 2020270130 **(22)** 08.05.2020  
**(54)** Prediction signal filtering in affine linear weighted intra prediction  
**(51)** Int. Cl.  
*H04N 19/593* ( 2014.01 )  
*H04N 19/85* ( 2014.01 )  
**(87)** WO2020/227612  
**(31)** 62/845,839 **(32)** 09.05.19 **(33)** US  
 16/868,982 07.05.20 US  
**(43)** 12.11.2020  
**(44)** 18.12.2025  
**(72)** RAMASUBRAMONIAN, Adarsh Krishnan; VAN DER AUWERA, Geert; PHAM VAN, Luong; KARCZEWICZ, Marta  
**(74)** Madderns Pty Ltd

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2020291013  
**(21)** 2020291013 **(22)** 12.06.2020  
**(54)** Transform and last significant coefficient position signaling for low-frequency non-separable transform in video coding  
**(51)** Int. Cl.  
*H04N 19/70* ( 2014.01 )  
*H04N 19/122* ( 2014.01 )  
*H04N 19/159* ( 2014.01 )  
*H04N 19/176* ( 2014.01 )  
*H04N 19/18* ( 2014.01 )  
*H04N 19/61* ( 2014.01 )  
**(87)** WO2020/252279  
**(31)** 62/861,828 **(32)** 14.06.19 **(33)** US  
 62/868,346 28.06.19 US  
 16/899,063 11.06.20 US  
**(43)** 17.12.2020  
**(44)** 18.12.2025  
**(72)** NALCI, Alican; EGILMEZ, Hilmi Enes; SEREGIN, Vadim; COBAN, Muhammed Zeyd; KARCZEWICZ, Marta  
**(74)** Madderns Pty Ltd

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**(71)** Qualcomm Incorporated  
**(11)** AU-B-2020304508  
**(21)** 2020304508 **(22)** 15.05.2020  
**(54)** Joint activation and/or release for multiple configured grant and/or semi-persistent scheduling configurations  
**(51)** Int. Cl.  
*H04W 72/04* ( 2009.01 )  
*H04L 1/16* ( 2006.01 )  
*H04L 1/18* ( 2006.01 )  
**(87)** WO2020/263452  
**(31)** 62/868,632 **(32)** 28.06.19 **(33)** US  
 16/803,735 27.02.20 US  
**(43)** 30.12.2020  
**(44)** 18.12.2025  
**(72)** FAKOORIAN, Seyed Ali Akbar; YANG, Wei; SUN, Jing; HOSSEINI, Seyedkianoush; ZHANG, Xiaoxia; KHOSHNEVISAN, Mostafa  
**(74)** Madderns Pty Ltd

**(71)** QuinTron Instrument Company, Inc.  
**(11)** AU-B-2020434216  
**(21)** 2020434216 **(22)** 15.10.2020  
**(54)** Breath testing apparatus  
**(51)** Int. Cl.  
*A61B 5/097* ( 2006.01 )  
*A61B 5/00* ( 2006.01 )  
*A61B 5/08* ( 2006.01 )  
*G01N 1/00* ( 2006.01 )  
*G01N 1/22* ( 2006.01 )  
**(87)** WO2021/183187  
**(31)** 16/818,267 **(32)** 13.03.20 **(33)** US  
**(43)** 16.09.2021  
**(44)** 18.12.2025  
**(72)** HAMILTON, Eric Lyle; ROSS, Katherine  
**(74)** Griffith Hack

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**(71)** QYUNS THERAPEUTICS CO., LTD.  
**(11)** AU-B-2021447156  
**(21)** 2021447156 **(22)** 27.08.2021  
**(54)** ANTI-HUMAN INTERFERON  $\alpha$  RECEPTOR 1 MONOCLONAL ANTI-BODY AND APPLICATION THEREOF  
**(51)** Int. Cl.  
*C07K 16/24* ( 2006.01 )  
*A61K 39/395* ( 2006.01 )  
*A61P 1/00* ( 2006.01 )  
*A61P 3/10* ( 2006.01 )  
*A61P 17/06* ( 2006.01 )  
*A61P 25/00* ( 2006.01 )  
*A61P 29/00* ( 2006.01 )  
*A61P 37/02* ( 2006.01 )  
*C12N 15/13* ( 2006.01 )  
*C12P 21/08* ( 2006.01 )  
**(87)** WO2022/247030  
**(31)** 202110586032.4 **(32)** 27.05.21 **(33)** CN  
**(43)** 01.12.2022  
**(44)** 18.12.2025  
**(72)** QIU, Jiwan; KONG, Yong; CHEN, Wei; QIAO, Huaiyao; QIU, Zhihua; WU, Yiliang; CHEN, Tao; WU, Meijuan  
**(74)** PHILLIPS ORMONDE FITZPATRICK

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**(71)** R.A. PHILLIPS INDUSTRIES, INC.  
**(11)** AU-B-2023286693  
**(21)** 2023286693 **(22)** 26.06.2023  
**(54)** SYSTEM AND METHOD FOR VEHICLE DATA COMMUNICATION  
**(51)** Int. Cl.  
*H04B 3/54* ( 2006.01 )  
*B60R 16/023* ( 2006.01 )  
**(87)** WO2023/250527  
**(31)** 63/355,409 **(32)** 24.06.22 **(33)** US  
**(43)** 28.12.2023  
**(44)** 18.12.2025  
**(72)** SUDA, Raymond A.; FORTHOFFER, Daniel William  
**(74)** Spruson & Ferguson

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**(71)** R.P. Scherer Technologies, LLC  
**(11)** AU-B-2020272641  
**(21)** 2020272641 **(22)** 07.04.2020  
**(54)** Analytical method for determining the total amount of a coating polymer in a dosage form  
**(51)** Int. Cl.

*A61K 9/20* ( 2006.01 )  
*A61K 9/28* ( 2006.01 )  
*A61K 9/48* ( 2006.01 )  
**(87)** WO2020/210185  
**(31)** 62/831,104 **(32)** 08.04.19 **(33)** US  
**(43)** 15.10.2020  
**(44)** 18.12.2025  
**(72)** BUSH, William Derek; CORMIER, Ryan Scott; SUKURU, Karunakar  
**(74)** Pearce IP Pty Ltd

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**(71)** R & T (AUSTRALIA) PTY LTD  
**(11)** AU-B-2025267328  
**(21)** 2025267328 **(22)** 11.11.2025  
**(54)** METHOD FOR EXTRACTING HIGH-QUALITY ASTAXANTHIN OIL RESIN FROM HAEMATOCOCCUS PLUVIALIS  
**(51)** Int. Cl.  
*C12P 23/00* ( 2006.01 )  
*C12R 1/89* ( 2006.01 )  
**(31)** 2025904533 **(32)** 30.09.25 **(33)** AU  
**(43)** 18.12.2025  
**(44)** 18.12.2025  
**(72)** Liu, Tina  
**(74)** Alder IP Pty Ltd

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**(71)** RAVEN INDUSTRIES, INC.  
**(11)** AU-B-2022300712  
**(21)** 2022300712 **(22)** 04.05.2022  
**(54)** SPRAYER NOZZLE MONITOR AND CONTROL SYSTEM AND METHODS FOR SAME  
**(51)** Int. Cl.  
*A01M 7/00* ( 2006.01 )  
**(87)** WO2023/278009  
**(31)** 63/217,755 **(32)** 01.07.21 **(33)** US  
 63/254,466 11.10.21 US  
**(43)** 05.01.2023  
**(44)** 18.12.2025  
**(72)** KOCER, Jared Ernest; BURGERS, Travis Allen; MICHAEL, Nicholas Owen  
**(74)** FB Rice Pty Ltd

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**(71)** REBIScan, Inc.  
**(11)** AU-B-2020417744  
**(21)** 2020417744 **(22)** 22.12.2020  
**(54)** Method and device for neurological screening  
**(51)** Int. Cl.  
*A61B 5/00* ( 2006.01 )  
*A61B 3/00* ( 2006.01 )  
*A61B 3/113* ( 2006.01 )  
**(87)** WO2021/138167  
**(31)** 62/954,878 **(32)** 30.12.19 **(33)** US  
**(43)** 08.07.2021  
**(44)** 18.12.2025  
**(72)** GOLDSTEIN, Lee; SHAKA, Justin; WINSOR, Robert; ESSER, James; PIXTON, Shane  
**(74)** MBIP

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**(71)** Regeneron Pharmaceuticals, Inc.  
**(11)** AU-B-2019239633  
**(21)** 2019239633 **(22)** 15.03.2019  
**(54)** Microchip capillary electrophoresis assays and reagents

Applications Accepted - Name Index cont'd

(51) Int. Cl.  
**C07K 16/22** ( 2006.01 )  
**C07K 16/24** ( 2006.01 )  
**G01N 33/68** ( 2006.01 )  
(87) WO2019/182901  
(31) 62/644,933 (32) 19.03.18 (33) US  
(43) 26.09.2019  
(44) 18.12.2025  
(72) RIEHLMAN, Timothy; CARREAU, Gabriel; SCHNEIDERHEINZE, Jeffrey; NALL, Nicole M.  
(74) Phillips Ormonde Fitzpatrick

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-B-2020315834  
(21) 2020315834 (22) 22.07.2020  
(54) Affinity chromatography-coupled native mass spectrometry for antibody analysis  
(51) Int. Cl.  
**G01N 33/68** ( 2006.01 )  
(87) WO2021/016366  
(31) 62/877,037 (32) 22.07.19 (33) US  
62/907,485 27.09.19 US  
(43) 28.01.2021  
(44) 18.12.2025  
(72) WANG, Shunhai  
(74) Phillips Ormonde Fitzpatrick

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-B-2022291579  
(21) 2022291579 (22) 22.12.2022  
(54) Humanized non-human animals with restricted immunoglobulin heavy chain loci  
(51) Int. Cl.  
**A01K 67/027** ( 2006.01 )  
(43) 30.03.2023  
(44) 18.12.2025  
(62) 2020202185  
(72) MACDONALD, Lynn; MCWHIRTER, John; TU, Naxin; STEVENS, Sean; MURPHY, Andrew J.  
(74) FB Rice Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-B-2024205038  
(21) 2024205038 (22) 23.07.2024  
(54) METHODS OF REDUCING PARTICLE FORMATION AND COMPOSITIONS FORMED THEREBY  
(51) Int. Cl.  
**A61K 47/26** ( 2006.01 )  
**A61K 9/00** ( 2006.01 )  
**A61K 39/00** ( 2006.01 )  
(43) 15.08.2024  
(44) 18.12.2025  
(62) 2018336623  
(72) Patel, Mayank; Wasinger, Stacy; Spritzer, Danya; Tang, Xiaolin  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Regeneron Pharmaceuticals, Inc.  
(11) AU-B-2024278420  
(21) 2024278420 (22) 13.12.2024  
(54) COMPOSITIONS AND METHODS FOR INTERNALIZING ENZYMES

(51) Int. Cl.  
**A61K 38/46** ( 2006.01 )  
**A61K 38/47** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**C12N 9/40** ( 2006.01 )  
**C12N 9/42** ( 2006.01 )  
(43) 09.01.2025  
(44) 18.12.2025  
(62) 2023285891  
(72) Baik, Andrew; Cygnar, Katherine  
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Regents of the University of Minnesota  
(11) AU-B-2024201513  
(21) 2024201513 (22) 07.03.2024  
(54) Compositions and methods for transplantation of colon microbiota  
(51) Int. Cl.  
**A61K 35/37** ( 2015.01 )  
**A61P 1/00** ( 2006.01 )  
(43) 28.03.2024  
(44) 18.12.2025  
(62) 2021221910  
(72) SADOWSKY, Michael J.; KHORUTS, Alexander; WEINGARDEN, Alexa R.; HAMILTON, Matthew J.  
(74) Spruson & Ferguson

(71) ResMed Asia Pte. Ltd.  
(11) AU-B-2024204860  
(21) 2024204860 (22) 15.07.2024  
(54) PATIENT INTERFACE WITH FOAM CUSHION  
(51) Int. Cl.  
**A61M 16/06** ( 2006.01 )  
(43) 01.08.2024  
(44) 18.12.2025  
(62) 2019478910  
(72) YEW, Robin; SEET, Lik Tze; BATE, Andrew James; LAW, Kam Man  
(74) Halfords IP

(71) ResMed Inc.  
(11) AU-B-2019417727  
(21) 2019417727 (22) 23.12.2019  
(54) Prediction of usage or compliance  
(51) Int. Cl.  
**H04L 9/32** ( 2006.01 )  
**G06F 21/44** ( 2013.01 )  
**H04L 9/08** ( 2006.01 )  
(87) WO2020/139845  
(31) 62/786,225 (32) 28.12.18 (33) US  
(43) 02.07.2020  
(44) 18.12.2025  
(72) LIU, Nathan; DE SOUZA, Sakeena; GROMENKO, Oleksandr  
(74) Griffith Hack

(71) Resolve Biosciences GmbH  
(11) AU-B-2020298038  
(21) 2020298038 (22) 18.06.2020  
(54) Method of signal encoding of analytes in a sample  
(51) Int. Cl.  
**C12Q 1/6813** ( 2018.01 )  
(87) WO2020/254519  
(31) 19 181 051.4 (32) 18.06.19 (33) EP

(43) 24.12.2020  
(44) 18.12.2025  
(72) GEIPEL, Andreas; REINECKE, Frank; KORFHAGE, Christian; JAGEMANN, Nadine; MOELLERING, Vanessa  
(74) Spruson & Ferguson

(71) Respinor AS  
(11) AU-B-2019395915  
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     B24B 31/03 ( 2006.01 )  
     C21D 1/06 ( 2006.01 )  
     C21D 7/04 ( 2006.01 )  
     C21D 9/22 ( 2006.01 )  
     C22C 29/06 ( 2006.01 )  
     C22C 29/08 ( 2006.01 )  
     C23C 24/04 ( 2006.01 )  
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*H05B 39/08* ( 2006.01 )  
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*H01H 83/20* ( 2006.01 )  
*H02H 1/06* ( 2006.01 )  
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 (74) Madderns Pty Ltd

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*A61K 6/00* ( 2020.01 )  
*A61K 6/77* ( 2020.01 )

*A61K 6/836* ( 2020.01 )  
*C03C 3/062* ( 2006.01 )  
*C03C 3/083* ( 2006.01 )  
*C03C 3/085* ( 2006.01 )  
*C03C 3/095* ( 2006.01 )  
*C03C 3/112* ( 2006.01 )  
*C03C 3/16* ( 2006.01 )  
*C03C 4/08* ( 2006.01 )  
*C03C 12/00* ( 2006.01 )  
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 (74) FB Rice Pty Ltd

(71) SCREEN Holdings Co., Ltd.  
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 (54) ELECTRODE STRUCTURE  
 (51) Int. Cl.  
*C25B 9/01* ( 2021.01 )  
*C25B 9/23* ( 2021.01 )  
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SCREEN Holdings Co., Ltd.  
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 (21) 2024205775 (22) 15.08.2024  
 (54) ELECTRODE STRUCTURE  
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*C25B 9/23* ( 2021.01 )  
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(71) Sealable Solutions GmbH  
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 (54) Sealing profile for concrete tubing  
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 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Seares S.R.L.  
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(72) TAKAGI Takeshi; OGAWA Masayuki; HATAE Tomoya; TAKEDA Yuusaku  
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(71) Selig Sealing Products, Inc.  
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**B01F 23/50** ( 2022.01 )  
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(74) Forte Intellectual Property Pty Ltd

(71) SFS Group Fastening Technology Ltd  
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(74) Allen & Associates

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(21) 2021398871

(71) SHANDONG UNIVERSITY  
(11) AU-B-2024203454  
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(54) METHOD AND SYSTEM FOR IDENTIFYING HIGH IMPEDANCE FAULT AND SWITCHING DISTURBANCE BASED ON LISSAJOUS CURVE  
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(71) Shanghai Meiyue Biotech Development Co., Ltd.  
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**A61K 31/454** ( 2006.01 )  
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(71) Shanghai Ocean University  
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**G01N 33/92** ( 2006.01 )  
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(72) XIE, Jing; CHENG, Hao; WANG, Jinfeng; MEI, Jun  
(74) A.P.T. Patent and Trade Mark Attorneys

Shanghai Research Institute of Petrochemical Technology, SINOPEC see China Petroleum & Chemical Corporation  
(21) 2021233959

(71) SHAPERON INC.  
(11) AU-B-2022222423  
(21) 2022222423 (22) 21.02.2022  
(54) SINGLE DOMAIN ANTIBODY AGAINST PD-L1 AND USE THEREOF  
(51) Int. Cl.  
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(71) Shionogi & Co., Ltd.  
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*C07D 401/12* ( 2006.01 )  
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*A61P 9/12* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

(71) SHL Medical AG  
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 (54) Micro dosing device and method of assembly of the micro dosing device  
 (51) Int. Cl.  
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*A61F 2/88* ( 2006.01 )  
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 (72) Keith Alan JACKSON; Shmuel BANAI; Colin Alexander NYULI; Elliot Y.K. HONG  
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(71) SIEMENS ENERGY GLOBAL GMBH & CO. KG  
 (11) AU-B-2022447788  
 (21) 2022447788 (22) 27.12.2022  
 (54) ELECTROCHEMICAL CELL FOR A HIGH-PRESSURE ELECTROLYSER  
 (51) Int. Cl.  
*C25B 1/04* ( 2021.01 )  
*C25B 9/05* ( 2021.01 )  
*C25B 9/73* ( 2021.01 )  
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(71) SIEMENS ENERGY GLOBAL GMBH & CO. KG  
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 (21) 2022452747 (22) 27.12.2022  
 (54) METHOD OF RECOVERING CATALYST MATERIAL FROM A MEMBRANE ELECTRODE ASSEMBLY FROM WATER ELECTROLYSIS  
 (51) Int. Cl.  
*C22B 7/00* ( 2006.01 )  
*C22B 11/00* ( 2006.01 )  
*H01M 8/008* ( 2016.01 )  
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 (21) 2024418425 (22) 13.12.2024  
 (54) METHOD FOR OPERATING A DIRECT AIR CAPTURE PLANT AND DIRECT AIR CAPTURE PLANT  
 (51) Int. Cl.  
*B01D 53/04* ( 2006.01 )  
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 (31) 24151589.9 (32) 12.01.24 (33) EP  
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 (54) CYCLOSPORINE-ACRIDINIUM ESTERS AND METHODS OF PRODUCTION AND USE THEREOF  
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 C07K 7/64 ( 2006.01 )  
 G01N 33/536 ( 2006.01 )  
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 (72) ZHAO, Zhijian; ZHENG, Yi Feng; DRAGHICI, Bogdan; SMITH, Michele; DIFRANCESCO, SunRay; ZHANG, Jane; HOVANEK-BURNS, Debra; BEDZYK, William  
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 B65D 55/16 ( 2006.01 )  
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 (72) VAN SPRONSEN, Frederik Adriaan; FIERE, Jeroen Pieter; SHAH, Dhandutt; GROENENDAAL, Nicolaas Adrianus Petrus  
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 (51) Int. Cl.  
 C04B 26/16 ( 2006.01 )  
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 A61N 5/06 ( 2006.01 )  
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 (43) 06.07.2023  
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 (72) PAKHOMOV, Ivan Andreevich; PAKHOMOV, Andrej Georgievich; SARDARYAN, Ivan Surenovich  
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 (54) STABLE PREPARATION OF HUMAN PAPILLOMAVIRUS VIRUS-LIKE PARTICLE VACCINE  
 (51) Int. Cl.  
 A61K 39/12 ( 2006.01 )  
 A61K 39/295 ( 2006.01 )  
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 A61P 15/00 ( 2006.01 )  
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(71) Sixth Sense IP Pty Ltd  
 (11) AU-B-2020262441  
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 (54) A lens applicator  
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(71) SKYLOTEC GmbH  
 (11) AU-B-2024227319  
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 (54) A Portable Power-Driven System  
 (51) Int. Cl.  
 B66D 1/74 ( 2006.01 )  
 (31) 23204983.3 (32) 20.10.23 (33) EP  
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 (74) WRAYS PTY LTD

(71) SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING  
 (11) AU-B-2023285946  
 (21) 2023285946 (22) 22.12.2023  
 (54) METHOD AND APPARATUS FOR MEASURING AND LOGGING THE PERFORMANCE OF A VEHICLE SUSPENSION SYSTEM  
 (51) Int. Cl.  
 G01M 17/04 ( 2006.01 )  
 G01B 9/00 ( 2006.01 )  
 G01B 11/14 ( 2006.01 )  
 G01H 9/00 ( 2006.01 )  
 (43) 25.01.2024  
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 (62) 2021286286  
 (72) BLANCHARD, Mark; CHONG, Lydia; SMEDLEY, Robert; WRIGHT, Robert  
 (74) Franke Hyland Pty Ltd

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(71) Smiics GmbH  
 (11) AU-B-2019394072  
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 (54) Apparatus for dosing detergent, container for receiving and dosing powder detergent and/or liquid detergent, and corresponding system  
 (51) Int. Cl.  
 D06F 39/02 ( 2006.01 )  
 A47J 31/40 ( 2006.01 )  
 D06F 33/37 ( 2020.01 )  
 A47J 31/42 ( 2006.01 )  
 D06F 103/04 ( 2020.01 )  
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 (31) 10 2018 009 551.8 (32) 05.12.18 (33) DE  
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(71) SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED  
 (11) AU-B-2022401872  
 (21) 2022401872 (22) 30.11.2022  
 (54) BONE REAMER VIDEO BASED NAVIGATION  
 (51) Int. Cl.  
 A61B 34/20 ( 2016.01 )  
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 (72) QUIST, Brian William; TORRIE, Paul Alexander; NETRAVALI, Nathan Anil  
 (74) Davies Collison Cave Pty Ltd

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SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED see SMITH & NEPHEW, INC.  
 (21) 2022401872

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**SMITH & NEPHEW ORTHOPAEDICS AG**  
see **SMITH & NEPHEW, INC.**

(21) 2022401872

(71) Snap-on Incorporated

(11) AU-B-2024200368

(21) 2024200368 (22) 19.01.2024

(54) DUAL PAWL RATCHET MECHANISM

(51) Int. Cl.

**B25B 13/46** ( 2006.01 )

**B25B 17/02** ( 2006.01 )

(43) 08.02.2024

(44) 18.12.2025

(62) 2022200456

(72) ROSS, David T.

(74) Griffith Hack

(71) SODAPOP GMBH

(11) AU-B-2022312158

(21) 2022312158 (22) 14.07.2022

(54) RECEIVING DEVICE FOR RECEIVING A GAS CARTRIDGE FOR A CARBONATION MACHINE; CARBONATION MACHINE; METHOD FOR USING A CARBONATION MACHINE

(51) Int. Cl.

**F17C 13/08** ( 2006.01 )

(87) WO2023/285614

(31) 10 2021 207 554.1 (32) 15.07.21 (33) DE

(43) 19.01.2023

(44) 18.12.2025

(72) STALDER, Stefan; EMPL, Günter

(74) PHILLIPS ORMONDE FITZPATRICK

(71) SODAPOP GMBH

(11) AU-B-2022357347

(21) 2022357347 (22) 28.09.2022

(54) RECEIVING DEVICE FOR RECEIVING A BOTTLE ON A CARBONATION MACHINE; CARBONATION MACHINE, AND METHOD FOR USING A CARBONATION MACHINE

(51) Int. Cl.

**B67C 3/24** ( 2006.01 )

**B01F 23/2361** ( 2022.01 )

**B01F 23/237** ( 2022.01 )

**B01F 35/42** ( 2022.01 )

(87) WO2023/052460

(31) 10 2021 211 109.2 (32) 01.10.21 (33) DE

(43) 06.04.2023

(44) 18.12.2025

(72) EMPL, Günter; STALDER, Stefan

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Solutions Ambra Inc.

(11) AU-B-2020340475

(21) 2020340475 (22) 01.09.2020

(54) Interior positioning system for tracking communication devices within a remote location, and method therefore

(51) Int. Cl.

**G01S 5/02** ( 2010.01 )

**E21F 17/00** ( 2006.01 )

**G08B 21/22** ( 2006.01 )

**H01Q 9/04** ( 2006.01 )

**H01Q 13/20** ( 2006.01 )

**H02J 50/20** ( 2016.01 )

**H04W 4/029** ( 2018.01 )

**G01S 13/75** ( 2006.01 )

(87) WO2021/042207

(31) 62/895,027 (32) 03.09.19 (33) US

(43) 11.03.2021

(44) 18.12.2025

(72) L'HEUREUX, Eric; LEVEILLEE, Alex

(74) Spruson & Ferguson

(71) Sonitor Technologies AS

(11) AU-B-2021209822

(21) 2021209822 (22) 20.01.2021

(54) Likelihood-based acoustic positioning

(51) Int. Cl.

**G01S 5/00** ( 2006.01 )

**G01S 5/02** ( 2010.01 )

**G01S 5/18** ( 2006.01 )

**G01S 5/30** ( 2006.01 )

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(31) 2000799.3 (32) 20.01.20 (33) GB

(43) 29.07.2021

(44) 18.12.2025

(72) BOOIJ, Wilfred Edwin; ANTILLE, Cyril; SHABTAI, Elad; TEN VELDHUIS, Mattheus Franciscus Albertus

(74) Spruson & Ferguson

(71) Sony Group Corporation

(11) AU-B-2024219691

(21) 2024219691 (22) 13.09.2024

(54) INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM

(51) Int. Cl.

**H04S 7/00** ( 2006.01 )

(43) 03.10.2024

(44) 18.12.2025

(62) 2021357463

(72) HATANAKA, Mitsuyuki; CHINEN, Toru

(74) Griffith Hack

(71) Sorkin, F.L.

(11) AU-B-2022200165

(21) 2022200165 (22) 12.01.2022

(54) PORTABLE CUTTING LINE

(51) Int. Cl.

**B23D 17/06** ( 2006.01 )

**B23D 17/04** ( 2006.01 )

**B23D 31/00** ( 2006.01 )

(31) 17/572,766 (32) 11.01.22 (33) US

63/136,949 13.01.21 US

(43) 28.07.2022

(44) 18.12.2025

(72) SORKIN, Felix

(74) Spruson & Ferguson

(71) Spex Oil & Gas Limited

(11) AU-B-2020296310

(21) 2020296310 (22) 19.06.2020

(54) Downhole tool with fuel system

(51) Int. Cl.

**E21B 29/02** ( 2006.01 )

**C06B 25/00** ( 2006.01 )

**C06B 43/00** ( 2006.01 )

(87) WO2020/254659

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(43) 24.12.2020

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(74) FPA Patent Attorneys Pty Ltd

(71) Spogen Biotech Inc.

(11) AU-B-2024204739

(21) 2024204739 (22) 10.07.2024

(54) Fusion proteins, recombinant bacteria, and exosporium fragments for plant health

(51) Int. Cl.

**A01H 5/00** ( 2018.01 )

**A01N 25/02** ( 2006.01 )

**A01N 57/12** ( 2006.01 )

**A01N 59/26** ( 2006.01 )

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(62) 2018337974

(72) THOMPSON, Brian M.; AUGUSTIN, Jorg; SIEGEL, Ashley

(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spotless Materials Inc.

(11) AU-B-2020346964

(21) 2020346964 (22) 14.09.2020

(54) Formulations and processes to generate repellent surfaces

(51) Int. Cl.

**C09D 5/16** ( 2006.01 )

**A61F 5/445** ( 2006.01 )

**A61L 28/00** ( 2006.01 )

**C03C 17/34** ( 2006.01 )

**C08J 7/043** ( 2020.01 )

**C08K 5/5415** ( 2006.01 )

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62/992,589 20.03.20 US

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(72) SUN, Nan; BOSCHITSCH, Birgitt

(74) FB Rice Pty Ltd

(71) SRI International

(11) AU-B-2024227641

(21) 2024227641 (22) 25.10.2024

(54) MOLECULAR GUIDE SYSTEM PEPTIDES AND USES THEREOF

(51) Int. Cl.

**A61K 47/60** ( 2017.01 )

**C07K 7/06** ( 2006.01 )

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(44) 18.12.2025

(62) 2018301804

(72) BROWN, Kathlynn; COLLINS, Nathan; LI, Shunzi "Susan"; ALLRED, Curtis; CHUNG, Keen; McGUIRE, Michael

(74) Dark IP

(71) Stamets, P.E.

(11) AU-B-2020386445

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 (51) Int. Cl.  
**A61K 31/4045** ( 2006.01 )  
**A61P 3/10** ( 2006.01 )  
**A61P 35/00** ( 2006.01 )  
 (87) WO2021/101926  
 (31) 62/937,536 (32) 19.11.19 (33) US  
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 (43) 27.05.2021  
 (44) 18.12.2025  
 (72) STAMETS, Paul Edward  
 (74) Griffith Hack

(71) STAMICARBON B.V.  
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 (21) 2023358216 (22) 13.10.2023  
 (54) UREA AND MELAMINE PRODUCTION  
 (51) Int. Cl.  
**C07C 273/04** ( 2006.01 )  
**B01J 19/00** ( 2006.01 )  
**C07C 273/12** ( 2006.01 )  
**C07D 251/68** ( 2006.01 )  
 (87) WO2024/080874  
 (31) 22201711.3 (32) 14.10.22 (33) EP  
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 (44) 18.12.2025  
 (72) WASSIE, Solomon Assefa; PATIL, Rahul  
 (74) Spruson & Ferguson

State Grid Corporation of China see China Electric Power Research Institute  
 (21) 2024205367

(71) STERITEC PRODUCTS MFG. CO., INC.  
 (11) AU-B-2021391555  
 (21) 2021391555 (22) 01.12.2021  
 (54) BIOLOGICAL INDICATORS, AND SYSTEMS AND METHODS FOR DETERMINING EFFICACY OF STERILIZATION  
 (51) Int. Cl.  
**C12Q 1/22** ( 2006.01 )  
**A61L 2/28** ( 2006.01 )  
**C12M 1/12** ( 2006.01 )  
**G01N 21/00** ( 2006.01 )  
**G01N 21/64** ( 2006.01 )  
**G01N 35/00** ( 2006.01 )  
 (87) WO2022/119972  
 (31) 17/110,229 (32) 02.12.20 (33) US  
 (43) 09.06.2022  
 (44) 18.12.2025  
 (72) PONCE, Adrian; NG, Kok-Hwee; YELIYUR SIDDEGOWDA, Darshan; ZIMMERMAN, Jenna; NGUYEN, Dat; LONDON, Mitchell; KNICKERBOCKER, Jake Douglas; PERKINS, Edward MacLeod; WAARTS, Robert G.  
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Stokely-Van Camp, Inc.  
 (11) AU-B-2020265655  
 (21) 2020265655 (22) 29.04.2020  
 (54) Energy and protein bar  
 (51) Int. Cl.

**A23L 7/126** ( 2016.01 )  
**A23L 33/17** ( 2016.01 )  
**A23P 10/28** ( 2016.01 )  
 (87) WO2020/223337  
 (31) 16/400,387 (32) 01.05.19 (33) US  
 (43) 05.11.2020  
 (44) 18.12.2025  
 (72) TYLER, Janique; CHAUDHRY, Yosuf; NISBET, Mark  
 (74) James & Wells Intellectual Property

(71) STONE FACADE COMPANY LIMITED  
 (11) AU-B-2023266225  
 (21) 2023266225 (22) 13.11.2023  
 (54) VENEER AND FIXING SYSTEM  
 (51) Int. Cl.  
**E04F 13/08** ( 2006.01 )  
**E04F 13/14** ( 2006.01 )  
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 802988 22.08.23 NZ  
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 (72) Brent Malcolm ROBERTSON  
 (74) CreatelP

(71) Stryker Corporation  
 (11) AU-B-2020276618  
 (21) 2020276618 (22) 15.05.2020  
 (54) Powered surgical drill having rotating field bit identification  
 (51) Int. Cl.  
**A61B 17/16** ( 2006.01 )  
**A61B 90/98** ( 2016.01 )  
 (87) WO2020/232413  
 (31) 62/848,029 (32) 15.05.19 (33) US  
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 (72) LAMBERT, Trevor Jonathan; CARUSILLO, Steven J.; SHARMA, Rahul; SCHNEIDER, Brendan  
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation  
 (11) AU-B-2025223869  
 (21) 2025223869 (22) 29.08.2025  
 (54) System and methods for performing surgery on a patient at a target site defined by a virtual object  
 (51) Int. Cl.  
**A61B 34/30** ( 2016.01 )  
**A61B 34/20** ( 2016.01 )  
**A61B 90/00** ( 2016.01 )  
 (43) 18.09.2025  
 (44) 18.12.2025  
 (62) 2024203195  
 (72) Malackowski, Donald W.  
 (74) Davies Collison Cave Pty Ltd

(71) Subsea 7 Limited  
 (11) AU-B-2020322195  
 (21) 2020322195 (22) 03.08.2020  
 (54) A method of making a fluid conduit  
 (51) Int. Cl.  
**B21D 22/16** ( 2006.01 )  
**F16L 13/02** ( 2006.01 )  
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 (43) 04.02.2021  
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 (72) WEST, Trevor  
 (74) Allens Patent & Trade Mark Attorneys

(71) Subsea 7 Norway AS  
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 (21) 2020296242 (22) 16.06.2020  
 (54) Subsea foundations  
 (51) Int. Cl.  
**E02D 27/52** ( 2006.01 )  
**E02D 29/02** ( 2006.01 )  
**F16L 1/12** ( 2006.01 )  
**F16L 1/20** ( 2006.01 )  
**F16L 1/24** ( 2006.01 )  
**F16L 3/16** ( 2006.01 )  
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 (31) 1908655.2 (32) 17.06.19 (33) GB  
 (43) 24.12.2020  
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 (72) OLSEN, Christian Linde  
 (74) Allens Patent & Trade Mark Attorneys

(71) Sugar Beets, LLC  
 (11) AU-B-2021261906  
 (21) 2021261906 (22) 04.11.2021  
 (54) DECORATIVE HOLDER FOR FOOD-STUFF TRAYS, TINS, AND PANS  
 (51) Int. Cl.  
**A47J 47/16** ( 2006.01 )  
**A45C 11/20** ( 2006.01 )  
**A47J 47/02** ( 2006.01 )  
**B65D 21/02** ( 2006.01 )  
**B65D 25/02** ( 2006.01 )  
**B65F 1/00** ( 2006.01 )  
 (31) 17/104,920 (32) 25.11.20 (33) US  
 (43) 09.06.2022  
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 (72) Casey, Jane; Cykman, Andy; Snyder, Mark  
 (74) MBIP

(71) Sumitomo Chemical Company, Limited  
 (11) AU-B-2019393191  
 (21) 2019393191 (22) 03.12.2019  
 (54) Herbicidal composition and weed control method  
 (51) Int. Cl.  
**A01P 13/00** ( 2006.01 )  
**A01N 43/54** ( 2006.01 )  
**A01N 43/80** ( 2006.01 )  
**A01N 43/84** ( 2006.01 )  
**A01N 57/20** ( 2006.01 )  
 (87) WO2020/116430  
 (31) 2018-229701 (32) 07.12.18 (33) JP  
 (43) 11.06.2020  
 (44) 18.12.2025  
 (72) JIN, Yoshinobu  
 (74) Davies Collison Cave Pty Ltd

(71) Sumitomo Metal Mining Co., Ltd.  
 (11) AU-B-2020318082  
 (21) 2020318082 (22) 09.07.2020  
 (54) Infrared radiation-absorbing fine particle-containing composition, and method for producing same

Applications Accepted - Name Index cont'd

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**C01G 41/00** ( 2006.01 )  
**C08K 3/22** ( 2006.01 )  
**C08L 71/00** ( 2006.01 )  
**C09K 3/00** ( 2006.01 )  
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(31) 2019-135457 (32) 23.07.19 (33) JP  
(43) 28.01.2021  
(44) 18.12.2025  
(72) TSUNEMATSU Hirofumi; CHONAN Takeshi; OKADA Mika; FUKUYAMA Hideaki  
(74) Davies Collison Cave Pty Ltd

(71) SUMITOMO SHI FW ENERGIA OY  
(11) AU-B-2021463727  
(21) 2021463727 (22) 09.09.2021  
(54) METHOD FOR DETERMINING A LOCAL TEMPERATURE ANOMALY IN A FLUIDIZED BED OF A COMBUSTION BOILER, METHOD FOR CALIBRATING A NUMERICAL MODEL OF A FLUIDIZED BED OF A COMBUSTION BOILER, METHOD FOR ESTIMATING RISK OF FLUIDIZED BED COMBUSTION BOILER BED SINTERING, METHOD OF CONTROLLING A FLUIDIZED BED BOILER, AS WELL AS A COMBUSTION BOILER

(51) Int. Cl.  
**F23C 10/04** ( 2006.01 )  
**F23C 10/28** ( 2006.01 )  
**F23N 5/02** ( 2006.01 )  
**F23N 5/24** ( 2006.01 )  
(87) WO2023/036427  
(43) 16.03.2023  
(44) 18.12.2025  
(72) LIUKKONEN, Mika; MIETTINEN, Jouni; KETTUNEN, Ari  
(74) Griffith Hack

(71) SUMITOMO SHI FW ENERGIA OY  
(11) AU-B-2022343893  
(21) 2022343893 (22) 09.09.2022  
(54) METHOD FOR DETERMINING A LOCAL TEMPERATURE ANOMALY IN A FLUIDIZED BED OF A REACTOR, METHOD FOR CALIBRATING A NUMERICAL MODEL OF A FLUIDIZED BED OF A REACTOR, METHOD FOR ESTIMATING RISK OF FLUIDIZED BED REACTOR BED SINTERING, METHOD OF CONTROLLING A FLUIDIZED BED REACTOR, AS WELL AS A REACTOR

(51) Int. Cl.  
**F23C 10/04** ( 2006.01 )  
**F23C 10/28** ( 2006.01 )  
**F23N 5/02** ( 2006.01 )  
**F23N 5/24** ( 2006.01 )  
(87) WO2023/036924  
(31) PCT/EP2021/074840 (32) 09.09.21 (33) EP  
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(72) LIUKKONEN, Mika; MIETTINEN, Jouni; KETTUNEN, Ari  
(74) Griffith Hack

(71) SUNGROW (SHANGHAI) CO., LTD.  
(11) AU-B-2022464765  
(21) 2022464765 (22) 22.12.2022  
(54) PHOTOVOLTAIC SYSTEM AND OPTIMIZER POSITIONING METHOD THEREFOR  
(51) Int. Cl.  
**H02J 3/38** ( 2006.01 )  
(87) WO2023/240980  
(31) 202210686194.X (32) 17.06.22 (33) CN  
(43) 21.12.2023  
(44) 18.12.2025  
(72) XU, Chenjia; YAO, Keliang; YANG, Yu; WANG, Xinyu; TAO, Tinghuan  
(74) Davies Collison Cave Pty Ltd

(71) SUNGROW (SHANGHAI) CO., LTD.  
(11) AU-B-2022465308  
(21) 2022465308 (22) 22.12.2022  
(54) PHOTOVOLTAIC SYSTEM AND UPDATE METHOD FOR NETWORKING OF OPTIMIZER THEREOF  
(51) Int. Cl.  
**H02J 3/38** ( 2006.01 )  
(87) WO2023/240977  
(31) 202210684815.0 (32) 17.06.22 (33) CN  
(43) 21.12.2023  
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(72) XU, Chenjia; YAO, Keliang; YANG, Yu; WANG, Xinyu; TAO, Tinghuan  
(74) FB Rice Pty Ltd

(71) SUNGROW HYDROGEN SCI. & TECH. CO., LTD  
(11) AU-B-2022445675  
(21) 2022445675 (22) 02.12.2022  
(54) NEW ENERGY HYDROGEN PRODUCTION CONTROL METHOD AND APPARATUS AND ELECTRONIC DEVICE  
(51) Int. Cl.  
**C25B 15/02** ( 2021.01 )  
**C25B 1/04** ( 2021.01 )  
(87) WO2023/169012  
(31) 202210223708.8 (32) 07.03.22 (33) CN  
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(72) LI, Jiangsong; SUN, Longlin  
(74) FB Rice Pty Ltd

(71) Sungrow Power Supply Co., Ltd.  
(11) AU-B-2024202777  
(21) 2024202777 (22) 29.04.2024  
(54) Method and apparatus for correcting capacity of battery module, and computer device  
(51) Int. Cl.  
**G01R 31/36** ( 2020.01 )  
**G01R 31/3842** ( 2019.01 )  
**G01R 31/396** ( 2019.01 )  
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(72) HU, Yongbing; LIANG, Dongyu  
(74) Davies Collison Cave Pty Ltd

(71) Sunovion Pharmaceuticals Inc.  
(11) AU-B-2020236225  
(21) 2020236225 (22) 13.03.2020  
(54) Salts of a isochromanyl compound and crystalline forms, processes for preparing, therapeutic uses, and pharmaceutical compositions thereof  
(51) Int. Cl.  
**A61P 25/18** ( 2006.01 )  
**A61K 31/353** ( 2006.01 )  
**A61P 25/28** ( 2006.01 )  
**C07D 311/76** ( 2006.01 )  
**C08K 3/32** ( 2006.01 )  
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(74) FPA Patent Attorneys Pty Ltd

(71) SUNTORY HOLDINGS LIMITED  
(11) AU-B-2022222712  
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(54) SOFT DRINK  
(51) Int. Cl.  
**A23L 2/00** ( 2006.01 )  
(87) WO2022/176692  
(31) PCT/JP2021/005935 (32) 17.02.21 (33) JP  
(43) 25.08.2022  
(44) 18.12.2025  
(72) KATABUCHI Nozomi; TOYOMURA Nozomu; PHAM Thi Thanh Phuong; NGUYEN Thi Ha  
(74) Griffith Hack

(71) Supernus Pharmaceuticals, Inc.  
(11) AU-B-2024264576  
(21) 2024264576 (22) 12.11.2024  
(54) Derivatives of substituted morpholines and uses thereof  
(51) Int. Cl.  
**C07D 265/30** ( 2006.01 )  
**A61K 31/5375** ( 2006.01 )  
**A61K 31/5377** ( 2006.01 )  
**A61P 25/00** ( 2006.01 )  
**C07D 413/12** ( 2006.01 )  
(43) 28.11.2024  
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(62) 2022238441  
(72) PADIA, Janak Khimchand  
(74) Spruson & Ferguson

(71) Swimc, LLC  
(11) AU-B-2019470142  
(21) 2019470142 (22) 15.10.2019  
(54) Intumescent coating compositions effective at low temperatures  
(51) Int. Cl.  
**C09D 5/18** ( 2006.01 )  
**C08G 59/44** ( 2006.01 )  
**C08G 59/50** ( 2006.01 )  
**C09D 163/00** ( 2006.01 )  
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 (72) HILTON, Sharon L.  
 (74) Spruson & Ferguson

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(71) Syddansk Universitet; Aarhus Universitet  
 (11) AU-B-2020290135  
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 (54) Mitigation of ammonia, odor and greenhouse gases  
 (51) Int. Cl.  
     **C05G 5/30** ( 2020.01 )  
     **C05F 11/00** ( 2006.01 )  
     **C05G 3/90** ( 2020.01 )  
 (87) WO2020/249268  
 (31) 19179648.1 (32) 12.06.19 (33) EP  
 (43) 17.12.2020  
 (44) 18.12.2025  
 (72) KARRING, Henrik; SVANE, Simon; GADE, Jens Jakob Sigurdarson; HANSEN, Michael Jørgen; DALBY, Frederik Rask; FEILBERG, Anders  
 (74) FPA Patent Attorneys Pty Ltd

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(71) Synertec Pty Ltd  
 (11) AU-B-2020390567  
 (21) 2020390567 (22) 27.11.2020  
 (54) System and method for vaporising liquified natural gas for measurement thereof  
 (51) Int. Cl.  
     **G01N 1/28** ( 2006.01 )  
     **F17C 13/02** ( 2006.01 )  
     **G01N 1/44** ( 2006.01 )  
 (87) WO2021/102522  
 (31) 2019904471 (32) 27.11.19 (33) AU  
 (43) 03.06.2021  
 (44) 18.12.2025  
 (72) CARROLL, Michael James; SANCHEZ, Sandra Mercedes Neira; BORG, Christopher; MORONY, Lee Matthew  
 (74) Cooper IP Pty Ltd

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A23L 2/60 ( 2006.01 )  
C07H 15/24 ( 2006.01 )  
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Toronto see Bank of Canada

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NOBLE, Charles  
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(51) Int. Cl.  
A47G 25/90 ( 2006.01 )  
A61F 13/08 ( 2006.01 )  
A61F 15/00 ( 2006.01 )

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Daniël Eric; VAN DER VEGT, Herman  
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C12Q 1/6827 ( 2018.01 )  
C12Q 1/6883 ( 2018.01 )  
C12Q 1/6886 ( 2018.01 )

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PAPADOPOULOS, Nickolas; TOMA-  
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of supplements  
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A23L 33/10 ( 2016.01 )  
A61K 31/4045 ( 2006.01 )  
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(72) Cohen, Brandin Besore; Fulstone, Hay-  
den Andrew  
(74) Griffith Hack

(71) The NOCO Company  
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device and rechargeable battery as-  
sembly  
(51) Int. Cl.  
H02J 7/00 ( 2006.01 )  
F02N 11/12 ( 2006.01 )  
H02J 7/02 ( 2016.01 )  
H02J 7/32 ( 2006.01 )

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(72) NOOK, Jonathan Lewis; NOOK, William  
Knight; STANFIELD, James Richard;  
UNDERHILL, Derek Michael  
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PRISING TIN IONS  
(51) Int. Cl.  
A61Q 11/00 ( 2006.01 )  
A61K 8/19 ( 2006.01 )  
A61K 8/34 ( 2006.01 )  
A61K 8/60 ( 2006.01 )

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STRAND, Ross  
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A61K 9/70 ( 2006.01 )  
A61K 31/167 ( 2006.01 )  
A61K 31/192 ( 2006.01 )  
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BHUSAL, Prabhat; SHARMA, Manisha;  
AGARWAL, Priyanka; LI, Shu  
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(54) Biosynthetic platform for the production of cannabinoids and other prenylated compounds

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**G01N 33/573** ( 2006.01 )

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**G01N 33/00** ( 2006.01 )

**G01M 3/16** ( 2006.01 )

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**G01V 8/10** ( 2006.01 )

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(51) Int. Cl.

**C07C 229/10** ( 2006.01 )

**A61K 31/164** ( 2006.01 )

**A61K 31/18** ( 2006.01 )

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**A61K 9/16** ( 2006.01 )

**A61K 9/20** ( 2006.01 )

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**C12N 9/16** ( 2006.01 )

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**G05D 1/43** ( 2024.01 )

**A01D 34/00** ( 2006.01 )

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(71) The University of British Columbia; Integrated Nanotherapeutics Inc.

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**C07C 69/025** ( 2006.01 )

**A23L 33/115** ( 2016.01 )

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**A61K 8/30** ( 2006.01 )

**A61K 9/14** ( 2006.01 )

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**C07C 69/347** ( 2006.01 )

**C07J 5/00** ( 2006.01 )

**C11C 3/00** ( 2006.01 )

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(51) Int. Cl.

**B60R 9/058** ( 2006.01 )

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**thyssenkrupp AG see thyssenkrupp Uhde GmbH**

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(54) PRESSURE CONTROL SYSTEM AND ELECTROLYSIS FACILITY WITH PRESSURE CONTROL SYSTEM

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**C25B 1/04** ( 2021.01 )

**C25B 9/05** ( 2021.01 )

**C25B 9/07** ( 2021.01 )

**C25B 15/02** ( 2021.01 )

**H01M 8/04** ( 2016.01 )

**H01M 8/04082** ( 2016.01 )

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*H10F 77/70* ( 2025.01 )  
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 (21) 2023241085 (22) 07.03.2023  
 (54) Apparatus and method of manufacturing a can end  
 (51) Int. Cl.  
*B29C 65/46* ( 2006.01 )  
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*B29K 705/00* ( 2006.01 )  
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 (74) Davies Collison Cave Pty Ltd

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 (54) Carbon fiber tape material, and reinforced fiber laminate and molded article using same  
 (51) Int. Cl.  
*B29B 11/16* ( 2006.01 )  
*B29C 43/12* ( 2006.01 )  
*B29C 70/16* ( 2006.01 )  
*B29C 70/44* ( 2006.01 )  
*B32B 5/26* ( 2006.01 )  
*B32B 5/28* ( 2006.01 )  
*D06M 17/00* ( 2006.01 )  
*B29K 105/08* ( 2006.01 )  
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*G06T 11/00* ( 2006.01 )  
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*A61B 3/10* ( 2006.01 )  
*G06N 20/00* ( 2019.01 )  
*G06V 10/771* ( 2022.01 )  
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 (74) Griffith Hack

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 (51) Int. Cl.  
*G06F 16/23* ( 2019.01 )  
*G06F 16/957* ( 2019.01 )  
*G06Q 40/04* ( 2012.01 )  
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 (72) BROOKFIELD, Bevan Jacob  
 (74) Spruson & Ferguson

(71) Tramec Sloan, LLC  
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 (54) Hydraulic securement device  
 (51) Int. Cl.  
*B60P 7/15* ( 2006.01 )  
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 (72) Scott, Christian A.  
 (74) Griffith Hack

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 (21) 2019325702 (22) 26.08.2019  
 (54) Methods for purification of messenger RNA  
 (51) Int. Cl.  
*C12N 15/10* ( 2006.01 )  
*C07H 1/06* ( 2006.01 )  
*C07H 21/00* ( 2006.01 )  
*C07H 21/02* ( 2006.01 )  
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**C12P 19/34** ( 2006.01 )  
**C07H 21/02** ( 2006.01 )  
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 (54) Improved mRNA-loaded lipid nanoparticles and processes of making the same  
 (51) Int. Cl.  
**A61K 9/127** ( 2006.01 )  
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**A61K 38/18** ( 2006.01 )  
**A61K 47/69** ( 2017.01 )  
**A61K 48/00** ( 2006.01 )  
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 (72) KARVE, Shirrang; SARODE, Ashish; DEROSA, Frank  
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 (11) AU-B-2024202683  
 (21) 2024202683 (22) 24.04.2024  
 (54) CONTROL SYSTEM FOR ELECTRIC VEHICLES  
 (51) Int. Cl.  
**B60L 1/00** ( 2006.01 )  
**H02J 7/00** ( 2006.01 )  
**H02M 3/00** ( 2006.01 )  
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 (72) Young, Henry Todd; Kuttenkuler, Jason Daniel; Wallace, Daniel Robert; Ryan, David Andrew; Wolff, Jeffrey John  
 (74) K&L Gates

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 (54) Solar cells  
 (51) Int. Cl.  
**H10F 77/20** ( 2025.01 )  
**H10F 10/10** ( 2025.01 )  
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 (54) A SURFACE-CLEANING DEVICE AND VEHICLE  
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 (72) ANDERSEN, Robert  
 (74) GLMR

(71) Trudeau, L.  
 (11) AU-B-2024227533  
 (21) 2024227533 (22) 22.10.2024  
 (54) Portable foam brush  
 (51) Int. Cl.  
**A46B 11/00** ( 2006.01 )  
**A46B 11/02** ( 2006.01 )  
**A47L 11/40** ( 2006.01 )  
**B08B 3/00** ( 2006.01 )  
 (43) 14.11.2024  
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 (62) 2023201332  
 (72) Trudeau, Leon  
 (74) Griffith Hack

(71) TruValue Labs, Inc.  
 (11) AU-B-2021209048  
 (21) 2021209048 (22) 12.01.2021  
 (54) Systems and method for dynamically updating materiality distributions and classifications  
 (51) Int. Cl.  
**G06F 7/00** ( 2006.01 )  
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 (21) 2021370972 (22) 26.10.2021  
 (54) SYSTEMS AND METHOD FOR DYNAMICALLY UPDATING MATERIALITY DISTRIBUTIONS AND CLASSIFICATIONS IN MULTIPLE DIMENSIONS  
 (51) Int. Cl.  
**G06F 40/20** ( 2020.01 )  
**G06F 16/24** ( 2019.01 )  
**G06F 16/33** ( 2019.01 )  
 (87) WO2022/093822  
 (31) 63/105,802 (32) 26.10.20 (33) US  
 (43) 05.05.2022  
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(71) Turun Yliopisto  
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**G06Q 10/0639** ( 2023.01 )  
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 (44) 18.12.2025  
 (62) 2019419905  
 (72) OOSTHOEK, Jan; JAUCK, Philipp  
 (74) Collison & Co

(71) Vutility, Inc.  
 (11) AU-B-2024202953  
 (21) 2024202953 (22) 03.05.2024  
 (54) Induction powered electricity current monitoring  
 (51) Int. Cl.  
*G01R 21/00* ( 2006.01 )  
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 (62) 2018295115  
 (72) ELLIS, Stephen K.; BROWN, Kody S.  
 (74) Spruson & Ferguson

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(71) W.M. Barr & Company, Inc.  
 (11) AU-B-2020405093  
 (21) 2020405093 (22) 17.12.2020  
 (54) A formulation delivery system having a solid chemistry  
 (51) Int. Cl.  
*B05B 7/04* ( 2006.01 )  
*B05B 7/24* ( 2006.01 )  
*B08B 3/02* ( 2006.01 )  
*C11D 7/54* ( 2006.01 )  
*C11D 17/00* ( 2006.01 )  
 (87) WO2021/127219  
 (31) 63/108,597 (32) 02.11.20 (33) US  
 63/108,619 02.11.20 US  
 62/951,376 20.12.19 US  
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 (43) 24.06.2021  
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 (72) PETKUS, Matthew Michael; KAVCHOK, Kevin Andrew; FARMER, Rachel Ann; JOHNSON, Elizabeth; BYRD, Alana  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) W.M. BARR & COMPANY, INC.  
 (11) AU-B-2022286434  
 (21) 2022286434 (22) 03.06.2022  
 (54) PAINT REMOVER COMPOSITION AND METHOD OF MAKING  
 (51) Int. Cl.  
*C09D 9/00* ( 2006.01 )  
*B08B 3/08* ( 2006.01 )  
*C23F 11/08* ( 2006.01 )  
 (87) WO2022/256659  
 (31) 63/197,019 (32) 04.06.21 (33) US  
 17/830,771 02.06.22 US  
 (43) 08.12.2022  
 (44) 18.12.2025  
 (72) BREON, Jonathan, P.; TEAGUE, Timothy, G.; SHIREMAN, Dennis, Earl  
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Warn Industries, Inc  
 (11) AU-B-2020250321  
 (21) 2020250321 (22) 09.10.2020  
 (54) SNATCH RING PULLEY  
 (51) Int. Cl.  
*B66D 3/04* ( 2006.01 )  
 (31) 62/928,013 (32) 30.10.19 (33) US  
 (43) 20.05.2021  
 (44) 18.12.2025  
 (72) COSTA, Michael Douglas  
 (74) K&L Gates

(71) WATANABE OYSTER LABORATORY, CO., LTD.  
 (11) AU-B-2022400336  
 (21) 2022400336 (22) 20.01.2022  
 (54) GROWTH INHIBITOR FOR METASTATIC HUMAN PROSTATE CANCER CELLS  
 (51) Int. Cl.  
*A61K 31/085* ( 2006.01 )  
*A61K 35/618* ( 2015.01 )  
*A61P 13/08* ( 2006.01 )  
*A61P 35/00* ( 2006.01 )  
*A61P 35/04* ( 2006.01 )

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 (87) WO2023/100380  
 (31) 2021-194178 (32) 30.11.21 (33) JP  
 (43) 08.06.2023  
 (44) 18.12.2025  
 (72) WATANABE Mitsugu  
 (74) Spruson & Ferguson

(71) Weatherford Technology Holdings, LLC  
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 (21) 2021216540 (22) 15.01.2021  
 (54) Brakes for a tong  
 (51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
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 (31) 16/779,858 (32) 03.02.20 (33) US  
 (43) 12.08.2021  
 (44) 18.12.2025  
 (72) WOOD, Kevin; BECKER, Arne Tjark  
 (74) WRAYS PTY LTD

(71) Weatherford Technology Holdings, LLC  
 (11) AU-B-2024227509  
 (21) 2024227509 (22) 21.10.2024  
 (54) Control System For Hydrocarbon Recovery Tools  
 (51) Int. Cl.  
*E21B 44/00* ( 2006.01 )  
*E21B 19/00* ( 2006.01 )  
*E21B 19/16* ( 2006.01 )  
 (43) 14.11.2024  
 (44) 18.12.2025  
 (62) 2017437550  
 (72) WIEDECKE, Michael; THIEMANN, Bjoern; HOELTERLING, Carlo; WERN, Frank  
 (74) WRAYS PTY LTD

(71) Weatherford Technology Holdings, LLC  
 (11) AU-B-2024259691  
 (21) 2024259691 (22) 01.11.2024  
 (54) Apparatus And Methods For Tong Operation  
 (51) Int. Cl.  
*E21B 19/16* ( 2006.01 )  
 (43) 21.11.2024  
 (44) 18.12.2025  
 (62) 2018321276  
 (72) ZIMBELMANN, Georg; CLASEN, Dittmar; THIEMANN, Bjoern  
 (74) WRAYS PTY LTD

(71) Weber, P.  
 (11) AU-B-2022287592  
 (21) 2022287592 (22) 14.12.2022  
 (54) COMPRESSIBLE, MINIMALLY INVASIVE IMPLANTS AND RELATED SYSTEMS AND METHODS  
 (51) Int. Cl.  
*A61N 1/378* ( 2006.01 )  
*A61M 5/142* ( 2006.01 )  
 (31) 63/295,068 (32) 30.12.21 (33) US  
 17/650,459 09.02.22 US  
 (43) 20.07.2023  
 (44) 18.12.2025  
 (72) Weber, Taiyo; Weber, Paul  
 (74) Paul Weber

(71) WEIR MINERALS NETHERLANDS B.V.  
 (11) AU-B-2023357857  
 (21) 2023357857 (22) 22.09.2023  
 (54) PRESSURE EXCHANGE CHAMBER  
 (51) Int. Cl.  
*F04F 13/00* ( 2009.01 )  
*E21B 43/12* ( 2006.01 )  
*E21C 50/00* ( 2006.01 )  
*F04B 9/10* ( 2006.01 )  
*F04B 15/02* ( 2006.01 )  
*F04F 1/08* ( 2006.01 )  
 (87) WO2024/074928  
 (31) 2214809.2 (32) 07.10.22 (33) GB  
 (43) 11.04.2024  
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 (72) STROEKEN, Johannes; UMENTHUN, Frank; SIEBERS, Philippus  
 (74) WEIR MINERALS AUSTRALIA LTD

(71) Weir Minerals U.S. Inc.  
 (11) AU-B-2023305897  
 (21) 2023305897 (22) 30.06.2023  
 (54) JACKETED PIPE PUMP  
 (51) Int. Cl.  
*F04D 29/42* ( 2006.01 )  
*F04D 29/58* ( 2006.01 )  
*F04D 29/62* ( 2006.01 )  
*F16L 39/00* ( 2006.01 )  
*F16L 53/32* ( 2018.01 )  
 (87) WO2024/013607  
 (31) 63/389,397 (32) 15.07.22 (33) US  
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 (43) 18.01.2024  
 (44) 18.12.2025  
 (72) SCHERBIK, Jay Edward; BRIDGEMAN, Tracy; PONRAJ, Biji  
 (74) WEIR MINERALS AUSTRALIA LTD

(71) Welldoc, Inc.  
 (11) AU-B-2024278555  
 (21) 2024278555 (22) 18.12.2024  
 (54) SYSTEMS AND METHODS FOR ANALYZING, INTERPRETING, AND ACTING ON CONTINUOUS GLUCOSE MONITORING DATA  
 (51) Int. Cl.  
*G16H 50/20* ( 2018.01 )  
*G16H 20/17* ( 2018.01 )  
*G16H 50/30* ( 2018.01 )  
 (43) 09.01.2025  
 (44) 18.12.2025  
 (62) 2021236742  
 (72) LIU, Shiping; SHOMALI, Mansur; KUMBARA, Abhimanyu; IYER, Anand; PEEPLES, Malinda; DUGAS, Michelle; CROWLEY, Kenyon; GAO, Guodong  
 (74) AJ PARK

(71) Well-SENSE Technology Limited  
 (11) AU-B-2020341059  
 (21) 2020341059 (22) 10.07.2020  
 (54) Fibre spooling apparatus  
 (51) Int. Cl.  
*E21B 23/14* ( 2006.01 )  
 (87) WO2021/043479

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 (43) 11.03.2021  
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 (72) PURKIS, Daniel George  
 (74) Griffith Hack

(71) WELL-SET P&A AS  
 (11) AU-B-2023222660  
 (21) 2023222660 (22) 07.02.2023  
 (54) TOOL, SYSTEM AND METHOD FOR DELIVERING AND PRESSURE TESTING A DOWNHOLE PLUG IN ONE TRIP  
 (51) Int. Cl.  
*E21B 29/00* ( 2006.01 )  
*E21B 33/12* ( 2006.01 )  
*E21B 47/117* ( 2012.01 )  
 (87) WO2023/158317  
 (31) 20220221 (32) 16.02.22 (33) NO  
 (43) 24.08.2023  
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 (72) BEHJAT, Nader; KNIGHT, Grant Mackenzie  
 (74) Integrated IP

(71) Werkhaus GmbH & Co. KG  
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 (21) 2020227051 (22) 02.09.2020  
 (54) Inflow nozzle  
 (51) Int. Cl.  
*F24C 15/20* ( 2006.01 )  
 (31) 102019213610.9 (32) 06.09.19 (33) DE  
 (43) 25.03.2021  
 (44) 18.12.2025  
 (72) Bruckbauer, Wilhelm  
 (74) Gestalt Law Pty Ltd

(71) William Marsh Rice University  
 (11) AU-B-2020313943  
 (21) 2020313943 (22) 15.07.2020  
 (54) A method for efficient electrocatalytic synthesis of pure liquid product solutions including H<sub>2</sub>O<sub>2</sub>, oxygenates, ammonia, and so on  
 (51) Int. Cl.  
*C25B 1/30* ( 2006.01 )  
*C25B 1/00* ( 2021.01 )  
*C25B 3/25* ( 2021.01 )  
*C25B 9/19* ( 2021.01 )  
*C25B 11/044* ( 2021.01 )  
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 (72) WANG, Haotian; XIA, Chuan  
 (74) WRAYS PTY LTD

(71) WILMARC HOLDINGS, LLC  
 (11) AU-B-2024263735  
 (21) 2024263735 (22) 25.04.2024  
 (54) GENDERLESS ASEPTIC CONNECTOR  
 (51) Int. Cl.  
*A61M 39/18* ( 2006.01 )  
*A61M 39/22* ( 2006.01 )  
*A61M 39/26* ( 2006.01 )  
*F16L 37/30* ( 2006.01 )

*A61M 39/10* ( 2006.01 )  
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*F16L 37/00* ( 2006.01 )  
*F16L 37/08* ( 2006.01 )  
*F16L 37/10* ( 2006.01 )  
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 (43) 31.10.2024  
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 (72) CICCONE, Paul C.; COULSON, William A.; COULSON, Marcia  
 (74) FPA Patent Attorneys Pty Ltd

(71) WISHBONE  
 (11) AU-B-2022419255  
 (21) 2022419255 (22) 22.12.2022  
 (54) BONE REGENERATION MATERIAL  
 (51) Int. Cl.  
*A61L 27/12* ( 2006.01 )  
*A61L 27/36* ( 2006.01 )  
*A61L 27/38* ( 2006.01 )  
*C04B 35/447* ( 2006.01 )  
 (87) WO2023/118505

(31) BE2021/6050 (32) 23.12.21 (33) BE  
 (43) 29.06.2023  
 (44) 18.12.2025  
 (72) ROMPEN, Eric; LECLOUX, Geoffrey; LAMBERT, France; DORY, Emilie  
 (74) James & Wells Intellectual Property

(71) WITH-U E-COMMERCE (SHANGHAI) CO LTD.  
 (11) AU-B-2023387773  
 (21) 2023387773 (22) 31.10.2023  
 (54) TARP CONNECTION ASSEMBLY, AND COLLAPSIBLE OUTDOOR PRODUCT AND ASSEMBLY METHOD THEREFOR  
 (51) Int. Cl.  
*E04H 15/64* ( 2006.01 )  
*E04H 15/48* ( 2006.01 )  
*E04H 15/50* ( 2006.01 )  
*E04H 15/54* ( 2006.01 )  
 (87) WO2024/164572  
 (31) 202320180846.2 (32) 08.02.23 (33) CN  
 (43) 22.08.2024  
 (44) 18.12.2025  
 (72) YUAN, Chunliang; YANG, Shengyong  
 (74) Davies Collison Cave Pty Ltd

(71) WOAMY OY  
 (11) AU-B-2021356186  
 (21) 2021356186 (22) 04.10.2021  
 (54) METHOD AND APPARATUS FOR PRODUCING SOLID FOAM, PRODUCT AND USE  
 (51) Int. Cl.  
*B29C 44/20* ( 2006.01 )  
*B29C 44/34* ( 2006.01 )  
*B29C 44/46* ( 2006.01 )  
*B29C 67/20* ( 2006.01 )  
*C08J 9/28* ( 2006.01 )  
*C08J 9/30* ( 2006.01 )  
 (87) WO2022/074289  
 (31) 20207160 (32) 05.10.20 (33) FI  
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 (43) 14.04.2022

(44) 18.12.2025  
 (72) ALAVA, Mikko; KOIVISTO, Juha; PUUSTO, Antti  
 (74) FB Rice Pty Ltd  
 (71) Wobelea Pty Ltd  
 (11) AU-B-2020329083  
 (21) 2020329083 (22) 14.08.2020  
 (54) A method for treatment of crops  
 (51) Int. Cl.  
*A01N 59/02* ( 2006.01 )  
*A01N 25/12* ( 2006.01 )  
*A01N 37/10* ( 2006.01 )  
*A01N 43/38* ( 2006.01 )  
*A23B 7/154* ( 2006.01 )  
*A23B 7/157* ( 2006.01 )  
 (87) WO2021/026615

(31) 2019902943 (32) 14.08.19 (33) AU  
 (43) 18.02.2021  
 (44) 18.12.2025  
 (72) BLISS, Sarah  
 (74) MBIP

(71) Wonderland Switzerland AG  
 (11) AU-B-2024205769  
 (21) 2024205769 (22) 14.08.2024  
 (54) Frame folding mechanism, frame locking mechanism, backrest unlocking mechanism and stroller  
 (51) Int. Cl.  
*B62B 7/06* ( 2006.01 )  
 (43) 05.09.2024  
 (44) 18.12.2025  
 (62) 2020420912  
 (72) YUAN, Jialiang; GUO, Zhengwen  
 (74) Allens Patent & Trade Mark Attorneys

(71) WONDERLAND SWITZERLAND AG  
 (11) AU-B-2022324710  
 (21) 2022324710 (22) 05.08.2022  
 (54) EXTENDABLE AND RETRACTABLE MECHANISM FOR CONNECTING PLUG, AND CHILD SAFETY SEAT  
 (51) Int. Cl.  
*B60N 2/28* ( 2006.01 )  
 (87) WO2023/012346  
 (31) 202110897085.8 (32) 05.08.21 (33) CN  
 (43) 09.02.2023  
 (44) 18.12.2025  
 (72) ZHANG, Daliang; MO, Xiaolong  
 (74) James & Wells Intellectual Property

(71) WONDERLAND SWITZERLAND AG  
 (11) AU-B-2022351053  
 (21) 2022351053 (22) 21.09.2022  
 (54) BABY CARRIER AND MANUFACTURING METHOD THEREOF  
 (51) Int. Cl.  
*B60N 2/28* ( 2006.01 )  
 (87) WO2023/046742  
 (31) 202111109185.6 (32) 22.09.21 (33) CN  
 (43) 30.03.2023  
 (44) 18.12.2025  
 (72) GUO, Zhengwen; CHEN, Yingzhong  
 (74) James & Wells Intellectual Property

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**(21)** 2024278610

**(71)** Xenon Ophthalmics Inc.  
**(11)** AU-B-2020321023  
**(21)** 2020321023 **(22)** 30.07.2020  
**(54)** Ophthalmologic testing systems and methods  
**(51)** Int. Cl.  
**A61B 3/12** ( 2006.01 )  
**A61B 3/14** ( 2006.01 )  
**A61B 8/10** ( 2006.01 )  
**(87)** WO2021/022028  
**(31)** 62/881,120 **(32)** 31.07.19 **(33)** US  
**(43)** 04.02.2021  
**(44)** 18.12.2025  
**(72)** KHAN, Zeshan Ali; SUSANIBAR, Steve  
**(74)** Phillips Ormonde Fitzpatrick

**(71)** YEDA RESEARCH AND DEVELOPMENT CO. LTD.  
**(11)** AU-B-2022400330  
**(21)** 2022400330 **(22)** 30.11.2022  
**(54)** ELECTROCHEMICAL REDUCTION OF NITROGEN TO AMMONIA CATALYZED BY POLYOXOMETALATES  
**(51)** Int. Cl.  
**C25B 1/27** ( 2021.01 )  
**(87)** WO2023/100180  
**(31)** 288627 **(32)** 02.12.21 **(33)** IL  
**(43)** 08.06.2023  
**(44)** 18.12.2025  
**(72)** NEUMANN, Ronny; TZAGUY, Avra  
**(74)** Griffith Hack

**(71)** YETI Coolers, LLC  
**(11)** AU-B-2024202723  
**(21)** 2024202723 **(22)** 26.04.2024  
**(54)** Portable chair  
**(51)** Int. Cl.  
**A47C 4/30** ( 2006.01 )  
**A47C 4/38** ( 2006.01 )  
**A47C 4/48** ( 2006.01 )  
**(43)** 16.05.2024  
**(44)** 18.12.2025  
**(62)** 2019206704  
**(72)** WINTERHALTER, Andrew J.; CIESZKO, Michael; GOLDBERG, Evan; SULLIVAN, Derek G.; DESROCHES, Donald Edward  
**(74)** GLMR

**(71)** YETI Coolers, LLC  
**(11)** AU-B-2024205136  
**(21)** 2024205136 **(22)** 26.07.2024  
**(54)** Container and method of forming a container  
**(51)** Int. Cl.  
**A47J 41/00** ( 2006.01 )  
**(43)** 15.08.2024

**(44)** 18.12.2025  
**(62)** 2023200500  
**(72)** NICHOLS, Steve Charles; GOLDBERG, Evan; ABANTE, Edward  
**(74)** GLMR

**(71)** YETI COOLERS, LLC  
**(11)** AU-B-2024219217  
**(21)** 2024219217 **(22)** 25.01.2024  
**(54)** INSULATED CONTAINER ASSEMBLIES AND LID ASSEMBLY  
**(51)** Int. Cl.  
**B65D 47/28** ( 2006.01 )  
**A47G 19/22** ( 2006.01 )  
**B65D 81/38** ( 2006.01 )  
**(87)** WO2024/167684  
**(31)** 18/166,523 **(32)** 09.02.23 **(33)** US  
**(43)** 15.08.2024  
**(44)** 18.12.2025  
**(72)** BULLOCK, Dustin R.; DIDOMENICO, Daniel R.; DARLING, Colin  
**(74)** GLMR

**(71)** Yext, Inc.  
**(11)** AU-B-2020334053  
**(21)** 2020334053 **(22)** 19.08.2020  
**(54)** Multiple provider search response verification and integration  
**(51)** Int. Cl.  
**G06F 16/953** ( 2019.01 )  
**(87)** WO2021/034936  
**(31)** 62/888,821 **(32)** 19.08.19 **(33)** US  
**(43)** 25.02.2021  
**(44)** 18.12.2025  
**(72)** SHAW, Maxwell; CAFFREY, Kevin; FERRENTINO, Marc  
**(74)** Spruson & Ferguson

**(71)** YI CHUN GREEN TECHNOLOGY CO., LTD.; SHEN, J.  
**(11)** AU-B-2022348509  
**(21)** 2022348509 **(22)** 17.09.2022  
**(54)** ABSORPTIVE ARTICLE QUICK DECOMPOSITION SYSTEM AND OPERATING METHOD THEREOF  
**(51)** Int. Cl.  
**D21B 1/14** ( 2006.01 )  
**D21B 1/34** ( 2006.01 )  
**A61F 13/15** ( 2006.01 )  
**D21C 5/02** ( 2006.01 )  
**(87)** WO2023/044077  
**(31)** 63/245,796 **(32)** 17.09.21 **(33)** US  
 63/272,159 26.10.21 US  
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**(43)** 23.03.2023  
**(44)** 18.12.2025  
**(72)** WU, Pei-jen  
**(74)** MBIP

**(71)** YOSHINO GYPSUM CO., LTD.  
**(11)** AU-B-2023316901  
**(21)** 2023316901 **(22)** 21.04.2023  
**(54)** INORGANIC BEARING SURFACE MATERIAL AND BEARING WALL  
**(51)** Int. Cl.  
**E04B 2/56** ( 2006.01 )

**E04C 2/04** ( 2006.01 )  
**(87)** WO2024/024189  
**(31)** 2022-118776 **(32)** 26.07.22 **(33)** JP  
**(43)** 01.02.2024  
**(44)** 18.12.2025  
**(72)** AKAI, Kozo; TSUKAMOTO, Shun; KOGUCHI, Ryohei  
**(74)** Spruson & Ferguson

**(71)** Zhejiang Huafeng Electric Tools Co., Ltd  
**(11)** AU-B-2019471046  
**(21)** 2019471046 **(22)** 31.10.2019  
**(54)** Integrated Folding Foot Stand and Leg Folding Mechanism Thereof  
**(51)** Int. Cl.  
**F16M 11/38** ( 2006.01 )  
**F16M 11/02** ( 2006.01 )  
**(87)** WO2021/077457  
**(31)** 201911006535.9 **(32)** 22.10.19 **(33)** CN  
**(43)** 29.04.2021  
**(44)** 18.12.2025  
**(72)** WANG, Li; WANG, Hui; XIN, Huajun  
**(74)** A.P.T. Patent and Trade Mark Attorneys

**(71)** ZHU, X.  
**(11)** AU-B-2023273845  
**(21)** 2023273845 **(22)** 16.05.2023  
**(54)** Chondroitin sulfate biogenic polyamine complex, preparation method thereof and use thereof  
**(51)** Int. Cl.  
**A61K 31/737** ( 2006.01 )  
**A61K 47/18** ( 2017.01 )  
**A61P 3/06** ( 2006.01 )  
**A61P 19/02** ( 2006.01 )  
**A61P 29/00** ( 2006.01 )  
**A61P 39/06** ( 2006.01 )  
**A61P 43/00** ( 2006.01 )  
**(87)** WO2023/221977  
**(31)** 202210551251.3 **(32)** 18.05.22 **(33)** CN  
**(43)** 23.11.2023  
**(44)** 18.12.2025  
**(72)** ZHU, Xiaofeng; ZHAO, Yuxiang; GAO, Fanbo; SONG, Fengjie; MA, Chenyang; ZHU, Xingyu  
**(74)** AJ PARK

**(71)** ZIMMER, INC.  
**(11)** AU-B-2023323671  
**(21)** 2023323671 **(22)** 28.07.2023  
**(54)** ANATOMICALLY SHAPED STEMLESS SHOULDER PROSTHESIS FOR TOTAL SHOULDER REPLACEMENT AND REVERSE TOTAL SHOULDER REPLACEMENT  
**(51)** Int. Cl.  
**A61F 2/30** ( 2006.01 )  
**A61F 2/40** ( 2006.01 )  
**A61F 2/46** ( 2006.01 )  
**(87)** WO2024/035560  
**(31)** 63/397,053 **(32)** 11.08.22 **(33)** US  
**(43)** 15.02.2024  
**(44)** 18.12.2025  
**(72)** SON, Yang Wook; MUERI, Christine Mirja; BUSH, Lori  
**(74)** PHILLIPS ORMONDE FITZPATRICK

Applications Accepted - Name Index cont'd

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(71) Zodiac Pool Systems LLC  
 (11) AU-B-2024203751  
 (21) 2024203751 (22) 04.06.2024  
 (54) Automatic swimming pool cleaners and components thereof  
 (51) Int. Cl.  
*H04H 4/16* ( 2006.01 )  
 (43) 20.06.2024  
 (44) 18.12.2025  
 (62) 2020263235  
 (72) BORG, Dustin; LISS, Brian  
 (74) FB Rice Pty Ltd

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(71) Zoetis Services LLC  
 (11) AU-B-2024227565  
 (21) 2024227565 (22) 23.10.2024  
 (54) Alfaxalone synthesis  
 (51) Int. Cl.  
*C07J 7/00* ( 2006.01 )  
*B01J 23/44* ( 2006.01 )  
*B01J 23/46* ( 2006.01 )  
*B01J 31/02* ( 2006.01 )  
*C07J 75/00* ( 2006.01 )  
 (31) 63/593,334 (32) 26.10.23 (33) US  
 (43) 15.05.2025  
 (44) 18.12.2025  
 (72) LIN, Andrew Jeng Shyan; SCOTT, Campbell F.; RANASHINGHE, Rane; MCLAREN, Louise Sally; WEBBER, Jessie Lauren  
 (74) Spruson & Ferguson

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(71) ZTE Corporation  
 (11) AU-B-2020381558  
 (21) 2020381558 (22) 20.01.2020  
 (54) Method for slice specific information  
 (51) Int. Cl.  
*H04W 48/20* ( 2009.01 )  
 (87) WO2021/093173  
 (43) 20.05.2021  
 (44) 18.12.2025  
 (72) GAO, Yuan; HUANG, He; LI, Wenting  
 (74) Davies Collison Cave Pty Ltd

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(71) ZTE CORPORATION  
 (11) AU-B-2022440578  
 (21) 2022440578 (22) 11.02.2022  
 (54) DEVICE TO DEVICE COMMUNICATION  
 (51) Int. Cl.  
*H04W 72/02* ( 2009.01 )  
 (87) WO2023/151040  
 (43) 17.08.2023  
 (44) 18.12.2025  
 (72) DU, Weiqiang; LUO, Wei  
 (74) Davies Collison Cave Pty Ltd

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(71) ZTE CORPORATION  
 (11) AU-B-2022470177  
 (21) 2022470177 (22) 21.07.2022  
 (54) METHODS AND DEVICES FOR SUB-BAND FULL DUPLEX RANDOM ACCESS  
 (51) Int. Cl.  
*H04W 72/04* ( 2023.01 )

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*H04W 74/08* ( 2009.01 )  
 (87) WO2024/016278  
 (43) 25.01.2024  
 (44) 18.12.2025  
 (72) GOU, Wei; HAN, Xianghui; ZHANG, Junfeng; WEI, Xingguang; LIU, Xing  
 (74) Spruson & Ferguson

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(71) ZTE CORPORATION  
 (11) AU-B-2022471795  
 (21) 2022471795 (22) 29.07.2022  
 (54) METHODS AND DEVICES FOR CONFIGURING AND SCHEDULING PHYSICAL UPLINK CONTROL CHANNEL  
 (51) Int. Cl.  
*H04W 72/04* ( 2023.01 )

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(87) WO2024/021114  
 (43) 01.02.2024  
 (44) 18.12.2025  
 (72) GOU, Wei; HAN, Xianghui; WEI, Xingguang; KOU, Shuaihua  
 (74) Spruson & Ferguson

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(71) ZTE CORPORATION  
 (11) AU-B-2022473582  
 (21) 2022473582 (22) 09.08.2022  
 (54) SYSTEMS AND METHODS FOR DETERMINING DOWNLINK/UPLINK TIMING  
 (51) Int. Cl.  
*H04W 28/16* ( 2009.01 )

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(87) WO2024/031361  
 (43) 15.02.2024  
 (44) 18.12.2025  
 (72) XU, Hanqing; ZHANG, Nan; LI, Ziyang; CAO, Wei  
 (74) Spruson & Ferguson

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(71) ZTE CORPORATION  
 (11) AU-B-2022479851  
 (21) 2022479851 (22) 30.09.2022  
 (54) SYSTEMS AND METHODS FOR UE CAPABILITY REPORT  
 (51) Int. Cl.  
*H04L 27/00* ( 2006.01 )

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(87) WO2024/065569  
 (43) 04.04.2024  
 (44) 18.12.2025  
 (72) ZHANG, Nan; CUI, Fangyu; DOU, Jianwu; YIN, Yachao  
 (74) Spruson & Ferguson

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(71) ZTE CORPORATION  
 (11) AU-B-2022485564  
 (21) 2022485564 (22) 11.11.2022  
 (54) SYSTEMS AND METHODS FOR EXTENDING VALIDATION DURATION  
 (51) Int. Cl.  
*H04L 27/00* ( 2006.01 )

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(87) WO2024/098358  
 (43) 16.05.2024  
 (44) 18.12.2025  
 (72) LI, Junli; ZHANG, Nan; CUI, Fangyu; YIN, Yachao  
 (74) Spruson & Ferguson

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(71) ZTE CORPORATION  
 (11) AU-B-2022491786  
 (21) 2022491786 (22) 30.12.2022  
 (54) WIRELESS COMMUNICATION METHOD AND DEVICES THEREOF  
 (51) Int. Cl.  
*H04L 27/00* ( 2006.01 )  
*H04W 72/56* ( 2023.01 )

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(87) WO2024/138725  
 (43) 04.07.2024  
 (44) 18.12.2025  
 (72) XU, Jiajun; XU, Jun; DAI, Bo; TANG, Hong; CHEN, Mengzhu; DAI, Jianqiang; MA, Xiaoying  
 (74) Davies Collison Cave Pty Ltd

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(71) ZTE CORPORATION  
 (11) AU-B-2023280257  
 (21) 2023280257 (22) 21.04.2023  
 (54) COMMUNICATION NODE, DATA TRANSMISSION METHOD, AND STORAGE MEDIUM  
 (51) Int. Cl.  
*H04L 67/141* ( 2022.01 )

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(87) WO2023/231638  
 (31) 202210613467.8 (32) 31.05.22 (33) CN  
 (43) 07.12.2023  
 (44) 18.12.2025  
 (72) NIU, Li; DAI, Bo; LU, Ting; GAO, Yuan  
 (74) Davies Collison Cave Pty Ltd

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Numerical Index

<b>2018201932</b>	Nuseed Global Innovation Ltd	<b>2019406702</b>	ViGeneron GmbH
<b>2018253481</b>	Calbah Industries Pty Ltd	<b>2019408562</b>	Syngenta Crop Protection AG
<b>2018392480</b>	Akouos, Inc.	<b>2019409986</b>	CSR Building Products Limited
<b>2019202933</b>	Aristocrat Technologies Australia Pty Limited	<b>2019417727</b>	ResMed Inc.
<b>2019202942</b>	Aristocrat Technologies Australia Pty Limited	<b>2019426842</b>	Discovery Purchaser Corporation
<b>2019217207</b>	Diabetes-Free, Inc.	<b>2019437430</b>	Martínez, B.
<b>2019225237</b>	Minerva Biotechnologies Corporation	<b>2019441740</b>	TRACERY OPHTHALMICS INC.
<b>2019232768</b>	Klinikum Rechts Der Isar Der Technischen Universität München	<b>2019443786</b>	The Chemours Company FC, LLC
<b>2019232939</b>	Aristocrat Technologies Australia Pty Limited	<b>2019444059</b>	The Chemours Company FC, LLC
<b>2019234183</b>	Biond Biologics Ltd.	<b>2019449734</b>	Efremkin, P.
<b>2019235523</b>	NovImmune SA	<b>2019451647</b>	Koninklijke Philips N.V.
<b>2019235861</b>	The Board of Trustees of The Leland Stanford Junior University	<b>2019470142</b>	Swimc, LLC
<b>2019239633</b>	Regeneron Pharmaceuticals, Inc.	<b>2019471046</b>	Zhejiang Huafeng Electric Tools Co., Ltd
<b>2019246983</b>	Amgen Inc.	<b>2020201400</b>	Manitou Italia S.r.l.
<b>2019250359</b>	Sanofi-Aventis Deutschland GmbH	<b>2020201787</b>	KUHN S.A.
<b>2019257249</b>	Dana-Farber Cancer Institute, Inc.	<b>2020201788</b>	KUHN S.A.
<b>2019258830</b>	Universität Heidelberg	<b>2020203556</b>	Caterpillar Inc.
<b>2019261933</b>	Dr. Falk Pharma GMBH; Cedars-Sinai Medical Center; Prometheus Biosciences, Inc.	<b>2020203883</b>	Deere & Company
<b>2019263869</b>	The Chinese University of Hong Kong; Grail, Inc.	<b>2020204181</b>	Rohm and Haas Company
<b>2019266303</b>	Vibrant Holdings, LLC	<b>2020204538</b>	Deere & Company
<b>2019269739</b>	Anavex Life Sciences Corp.	<b>2020205289</b>	Rohm and Haas Company
<b>2019271932</b>	Hunter Douglas Inc.	<b>2020206671</b>	Four Sided Solutions LLC
<b>2019276360</b>	Algentech SAS	<b>2020207368</b>	GloFish, LLC
<b>2019276370</b>	Algentech SAS	<b>2020207845</b>	Schott AG
<b>2019276486</b>	Akeso Biopharma, Inc.	<b>2020208861</b>	Telesystem Energy Ltd.
<b>2019277094</b>	Bristol-Myers Squibb Company	<b>2020208934</b>	Kreuzer, O.
<b>2019278814</b>	Praxis Precision Medicines, Inc.	<b>2020209794</b>	Ideation AS
<b>2019278918</b>	NuLife B.V.	<b>2020209954</b>	Hendrickson USA, L.L.C.
<b>2019284320</b>	Gmax Biopharm LLC	<b>2020210177</b>	Austainless Pty Ltd
<b>2019291079</b>	Cytovation ASA	<b>2020210297</b>	Oticon Medical A/S
<b>2019311380</b>	EnGeneC Molecular Delivery Pty Ltd	<b>2020211588</b>	Dragonas, H.T.
<b>2019311859</b>	Minovia Therapeutics Ltd.	<b>2020212386</b>	United Kingdom Research and Innovation
<b>2019312877</b>	Autolus Limited	<b>2020212460</b>	Ideation AS
<b>2019314484</b>	The Regents of The University of California	<b>2020214524</b>	Fresenius Medical Care Deutschland GmbH
<b>2019320771</b>	Illumina, Inc.; Illumina Cambridge Limited	<b>2020214700</b>	Haldor Topsøe A/S
<b>2019322911</b>	Cepheid	<b>2020215661</b>	RR Medsciences Pty Ltd
<b>2019325702</b>	Translate Bio, Inc.	<b>2020215682</b>	Duke University
<b>2019334131</b>	NEC Oncolmmunity AS	<b>2020219781</b>	Ecolab USA Inc.
<b>2019339508</b>	Prelude Corporation	<b>2020220833</b>	Odqa Renewable Energy Technologies Limited
<b>2019343119</b>	Veltek Associates, Inc.	<b>2020221608</b>	Johnson Controls Fire Protection LP
<b>2019350521</b>	Oxford University Innovation Limited	<b>2020221904</b>	ElectroSea, LLC
<b>2019355062</b>	Oregon Health & Science University; The United States Government as represented by The Department of Veterans Affairs	<b>2020223093</b>	Ashley Furniture Industries, LLC
<b>2019356573</b>	INHIBRX BIOSCIENCES, INC.	<b>2020226955</b>	Glove IP (Pty) Ltd
<b>2019358417</b>	Pierre Fabre Médicament	<b>2020226979</b>	Arcadyan Technology Corporation
<b>2019369587</b>	Kumiai Chemical Industry Co., Ltd.	<b>2020227051</b>	Werkhaus GmbH & Co. KG
<b>2019369771</b>	Astellas Pharma Inc.	<b>2020227109</b>	Schneider Electric Industries SAS
<b>2019370485</b>	Annexon, Inc.; The Regents of the University of California	<b>2020228137</b>	IP2IPO Innovations Limited
<b>2019374363</b>	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	<b>2020229450</b>	Universitat Politècnica De València; Consejo Superior De Investigaciones Científicas (CSIC)
<b>2019374914</b>	3Spine, Inc.	<b>2020230290</b>	Hunter Douglas Inc.
<b>2019376004</b>	Translate Bio, Inc.	<b>2020230325</b>	Dutch Drying Systems B.V.
<b>2019378179</b>	Seares S.R.L.	<b>2020230552</b>	Global Surgical Innovations Pty Ltd
<b>2019389786</b>	CReal Food AB	<b>2020231810</b>	National University of Singapore
<b>2019391712</b>	Bedford Industries, Inc.	<b>2020231919</b>	PEL Pintossi Emilio S.p.a.
<b>2019392204</b>	Exaeris Water Innovations, LLC	<b>2020232008</b>	The Regents of the University of Michigan
<b>2019392423</b>	BASF SE	<b>2020236225</b>	Sunovion Pharmaceuticals Inc.
<b>2019392584</b>	Breville Pty Limited	<b>2020238493</b>	Bayer Aktiengesellschaft
<b>2019393191</b>	Sumitomo Chemical Company, Limited	<b>2020240008</b>	Foldax, Inc.; California Institute of Technology
<b>2019394072</b>	Smiics GmbH	<b>2020242868</b>	Perma-tec GmbH & Co. KG
<b>2019395915</b>	Respinor AS	<b>2020243431</b>	Ludwig Institute for Cancer Research Ltd.
<b>2019397171</b>	Cascade Corporation	<b>2020243588</b>	Janssen Biotech, Inc.
<b>2019398101</b>	Amgen Inc.	<b>2020244267</b>	V-Nova International Ltd
		<b>2020244409</b>	Deere & Company
		<b>2020245571</b>	Battelle Memorial Institute
		<b>2020245715</b>	The University of British Columbia; Integrated Nanotherapeutics Inc.
		<b>2020247133</b>	Esteve Pharmaceuticals, S.A.; Universitat Autònoma De Barcelona

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2020250321	Warn Industries, Inc	2020296242	Subsea 7 Norway AS
2020252417	Bionou Research, S.L.	2020296310	Spex Oil & Gas Limited
2020253391	The Coca-Cola Company	2020296337	Imperial College Innovations Limited
2020253747	Oshkosh Corporation	2020298031	Abliva AB
2020254415	Syngenta Crop Protection AG	2020298038	Resolve Biosciences GmbH
2020254517	Amgen Inc.	2020298287	Iharabrás S.A. Industrias Químicas
2020254582	Genentech, Inc.	2020301244	Dolby Laboratories Licensing Corporation
2020255671	Agscent Pty Ltd	2020301399	Dana-Farber Cancer Institute, Inc.
2020255676	Saleh, G.	2020301400	CaaMTech, Inc.
2020258002	Atriva Therapeutics GmbH	2020301584	Protembis GmbH
2020258071	ChemStone, Inc.	2020302789	Manus Bio, Inc.
2020259726	Newron Pharmaceuticals S.p.A.	2020302901	Abiomed, Inc.
2020259740	Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS); Fundació Clínic per a la Recerca Biomèdica; Hospital Clínic de Barcelona; Universitat de Barcelona	2020302979	Bank of Canada; The Governing Council of the University of Toronto
2020259813	Newron Pharmaceuticals S.p.A.	2020304350	Alarm.com Incorporated
2020260148	Abiomed, Inc.	2020304508	Qualcomm Incorporated
2020260735	Turun Yliopisto	2020304915	James Hardie Technology Limited
2020261248	Lamberti SpA	2020307330	Alcon Inc.
2020262441	Sixth Sense IP Pty Ltd	2020309580	University of Virginia Patent Foundation
2020263268	Team Industrial Services, Inc.	2020310003	GI Innovation, Inc.
2020263515	Fuchs SE	2020310587	Cambridge Enterprise Limited
2020265097	BASF SE	2020311059	Gharda Chemicals Limited
2020265342	KOBOTS Company ApS	2020311364	Translate Bio, Inc.
2020265655	Stokely-Van Camp, Inc.	2020311473	CRRC Ziyang Co., Ltd.
2020266699	Beijing Tide Pharmaceutical Co., Ltd.	2020311551	Anticimex Innovation Center A/S
2020266724	GEA Mechanical Equipment GmbH	2020312725	Technische Universität München
2020266758	SIG Services AG	2020313943	William Marsh Rice University
2020267486	Aligos Therapeutics, Inc.	2020313953	Millennium Healthcare Technologies, Inc.
2020268690	Jetoptera, Inc.	2020314137	Innovent Biologics (Suzhou) Co., Ltd.
2020268752	BioNTech SE	2020314639	HOYA Optical Labs of America, Inc.
2020268978	Johnson & Johnson Vision Care, Inc.	2020315567	Nelson Irrigation Corporation
2020270130	Qualcomm Incorporated	2020315834	Regeneron Pharmaceuticals, Inc.
2020271604	Fermentationexperts AS	2020315842	Venostent, Inc.
2020272084	Haldor Topsøe A/S	2020318082	Sumitomo Metal Mining Co., Ltd.
2020272641	R.P. Scherer Technologies, LLC	2020321023	Xenon Ophthalmics Inc.
2020273971	Valtir, LLC	2020322170	Advanced BioDesign
2020274016	Incept, LLC	2020322192	Jemella Limited
2020274091	Tempus AI, Inc.	2020322195	Subsea 7 Limited
2020276243	Vir Biotechnology, Inc.	2020323946	Team Industrial Services, Inc.
2020276275	University of Virginia Patent Foundation	2020324338	Massachusetts Institute of Technology
2020276300	AST & Science, LLC	2020324561	B.C.I. Pharma
2020276618	Stryker Corporation	2020325949	Alternative Gene Expression S.L.
2020276695	Novartis AG	2020325991	Dermavision Solutions, SL
2020277117	Prysmian S.p.A.	2020327022	Laekna Limited
2020277289	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2020327583	Chr. Hansen A/S
2020279106	The Johns Hopkins University	2020327961	Versah, LLC
2020280785	T-Heart SAS	2020328033	Nihon Nohyaku Co., Ltd.
2020280977	C3 Biotechnologies Limited	2020329083	Wobelea Pty Ltd
2020281843	Sika Technology AG	2020330384	1773048 Alberta Ltd.
2020282018	Camurus AB	2020331649	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2020282111	Oy Karl Fazer AB	2020331697	AGS Energy (Ireland) Limited
2020282638	Jazz Pharmaceuticals Research UK Limited	2020332868	Arteco nv
2020284312	DexCom, Inc.	2020333379	Heineken Supply Chain B.V.
2020287084	Theriva Biologics, Inc.	2020333735	Kuo, C.
2020287269	IPSEN BIOPHARM LIMITED	2020334053	Yext, Inc.
2020287620	President and Fellows of Harvard College	2020334143	LSI Solutions, Inc.
2020288125	FLIR UNMANNED AERIAL SYSTEMS AS; Flir Systems Inc.	2020335104	Ets Dubrulle; Bilberry SAS
2020288436	TESMAN RD S.R.L.	2020335905	Immedica Pharma AB
2020288450	MTI Group Pty Ltd	2020336073	Armstrong World Industries, Inc.
2020289191	thyssenkrupp Uhde GmbH; BASF SE; thyssenkrupp AG	2020336814	Philip Morris Products S.A.
2020289722	Prysmian S.p.A.	2020337220	Toray Industries, Inc.
2020290135	Syddansk Universitet; Aarhus Universitet	2020338043	Chemwerth, Inc.
2020291013	Qualcomm Incorporated	2020338260	Metso Finland Oy
2020291114	Vivoryon Therapeutics N.V.	2020338812	Carlsberg A/S
2020291528	Mobius Technologies, LLC	2020338951	Foss Analytical A/S
2020291622	L'Oréal S.A.	2020339732	Chr. Hansen A/S
2020293711	Luigi Lavazza S.p.A.	2020340475	Solutions Ambra Inc.
2020294797	ImmunityBio, Inc.	2020340555	Association Institut de Myologie
2020296082	Viasat, Inc.	2020341059	Well-SENSE Technology Limited
		2020342461	Evonik Operations GmbH
		2020345441	Dioseve Inc.
		2020345693	S & B Technical Products, Inc.

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2020346420	Rohera, H.	2020403733	Mölnlycke Health Care AB
2020346889	Savant Systems, Inc.	2020404881	Itron, Inc.
2020346964	Spotless Materials Inc.	2020404914	Jupiter Oxygen Corporation
2020347092	BP Corporation North America Inc.	2020405093	W.M. Barr & Company, Inc.
2020347470	Berhalter AG	2020405641	Thule Sweden AB
2020348089	Shionogi & Co., Ltd.	2020406622	Metso Finland Oy
2020348916	University of Florida Research Foundation, Incorporated	2020407868	Sandvik Mining and Construction Tools AB; AB Sandvik Coromant
2020350105	The Queen's University of Belfast	2020409425	Avvio GmbH & Co KG
2020351687	The Chemours Company FC, LLC	2020409898	Vestas Wind Systems A/S
2020351825	ASTEC CO. LTD	2020412747	Haulotte Group
2020352295	Fisher & Paykel Healthcare Limited	2020416057	AMO Groningen B.V.
2020352574	King's College London	2020417744	REBIScan, Inc.
2020353279	Katholieke Universiteit Leuven	2020418360	AMO Groningen B.V.
2020353716	Leopard Systems Pty Ltd	2020422226	Foss Analytical A/S
2020354063	LG Energy Solution, Ltd.	2020422228	Professional Dietetics S.p.A.
2020355384	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2020427367	Volvo Autonomous Solutions AB
2020356139	GreenIron H2 AB	2020427632	Autifony Therapeutics Limited
2020356360	PepsiCo, Inc.	2020428386	Qompium
2020358360	Alcon Inc.	2020432224	EnWave Corporation
2020358923	SABIC Agri-Nutrients Company	2020433840	UAB Diabetis
2020359524	Savant Systems, Inc.	2020434216	QuinTron Instrument Company, Inc.
2020361511	Dechra Veterinary Products, LLC	2020440915	Great Plains Manufacturing, Inc.
2020364097	BAE Systems plc	2020446573	Halliburton Energy Services, Inc.
2020364215	Infinera Corporation	2020461229	Halliburton Energy Services, Inc.
2020365029	Canopus Drilling Solutions Holding B.V.	2020463022	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
2020366314	Human Systems Integration, Inc.	2020481642	Halliburton Energy Services, Inc.
2020367398	UCL Business Ltd	2020481927	Halliburton Energy Services, Inc.
2020367766	Sensient Colors LLC	2020481933	Halliburton Energy Service, Inc.
2020368389	Jnana Therapeutics Inc.	2020483334	Halliburton Energy Services, Inc.
2020368517	Integrity Implants Inc. D/B/A Accelus	2021200595	CATERPILLAR GLOBAL MINING LLC
2020369029	Cessatech A/S	2021201186	Oticon Medical A/S
2020369233	8 Rivers Capital, LLC	2021202317	Robert Bosch GmbH
2020369907	Cambridge Cognition Ltd.	2021205254	Bard Access Systems, Inc.
2020370666	Paul Hartmann AG	2021205957	Elemental Scientific Laser, LLC
2020370865	Chromeguard Pty Ltd	2021206129	Depuy Synthes Products, Inc.
2020371023	Hanmi Pharm. Co., Ltd.	2021207471	Masimo Corporation
2020371294	AgResearch Limited	2021207857	LumiraDx UK Ltd.
2020372414	Amgen Inc.	2021209048	TruValue Labs, Inc.
2020374150	Universitetet I Oslo	2021209822	Sonitor Technologies AS
2020378186	GELITA AG	2021210124	Ireliomar B.V.
2020378677	Arqit Limited	2021210611	Luye Pharma Switzerland AG
2020379292	Caffitaly System S.p.A.	2021210852	The Braun Corporation
2020380191	Diality Inc.	2021211236	Access (UK) Ltd
2020381237	Philip Morris Products S.A.	2021213041	Laitram, L.L.C.
2020381558	ZTE Corporation	2021213898	Fresenius Medical Care Deutschland GmbH
2020381786	Arla Foods amba	2021214622	Merus N.V.
2020381990	i-SEP	2021214834	Becton, Dickinson and Company
2020383077	Toray Industries, Inc.	2021214893	SFS Group Fastening Technology Ltd
2020383430	Ojjo, Inc.	2021216540	Weatherford Technology Holdings, LLC
2020383884	gr3n SA	2021218647	The Toro Company
2020385363	Depuy Ireland Unlimited Company	2021218686	Kyocera Medical Technologies, Inc.
2020386374	Genesys Cloud Services, Inc.	2021219100	Edison Inc.
2020386445	Stamets, P.E.	2021222846	I-Sens, Inc.
2020388644	FlexSteel USA, LLC	2021223123	Caterpillar Inc.
2020389304	Clean Planet Inc.	2021223172	Medela Holding AG
2020390294	Huawei Digital Power Technologies Co., Ltd.	2021224839	C.M.I. Cerniere Meccaniche Industriali s.r.l.
2020390567	Synertec Pty Ltd	2021225176	Agriculture Investments Limited
2020390870	AO Technology AG	2021226356	Galbierz, T.; Galbierz, M.
2020392113	Selig Sealing Products, Inc.	2021229886	i-SENS, Inc.
2020392195	Ipalco BV	2021230437	Romano, S.
2020393381	Essilor International	2021230903	Jiangsu XCMG Construction Machinery Research Institute Ltd.
2020394503	BWT Holding GmbH	2021232837	OVIVO INC.
2020394800	Sealable Solutions GmbH	2021233926	BostonGene Corporation
2020396791	7S Health.Care GmbH	2021233959	China Petroleum & Chemical Corporation; Shanghai Research Institute of Petrochemical Technology, SINO-PEC
2020397401	Lo, H.	2021238637	Grünenthal GmbH
2020397963	Enel X S.R.L.	2021244864	MetrioPharm AG
2020399540	Kennametal Inc.	2021247476	Berlin Heals GmbH
2020400387	University of Pretoria		
2020402128	Grant Prideco, Inc.		
2020402644	Mimetrik Solutions Limited		
2020403602	International Frontier Technology Laboratory, Inc.		

Applications Accepted - Numerical Index cont'd

2021251429	University of Sheffield	2022222712	SUNTORY HOLDINGS LIMITED
2021255681	Exeger Operations AB	2022223127	CROWN EQUIPMENT CORPORATION
2021260963	Gen-Probe Incorporated	2022224335	SHAPERON INC.
2021261906	Sugar Beets, LLC	2022226825	ELIPS DIAGNOSTICS INC.
2021264375	TheHelpSoq Holding B.V.	2022227002	BECTON, DICKINSON AND COMPANY
2021272910	Glaukos Corporation	2022231701	Tempo Therapeutics, Inc.
2021278880	CareFusion 303, Inc.	2022258722	ECOLAB USA INC.
2021281101	Dematic Corp.	2022259785	Genmab B.V.
2021281496	FemDx Medsystems, INC.	2022263521	Globaltech Corporation Pty Ltd
2021286647	Koya Medical, Inc.	2022264407	CJ CHEILJEDANG CORPORATION
2021287625	Husqvarna AB	2022268884	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2021290051	Husqvarna AB	2022270242	JIANGSU ATOM BIOSCIENCE AND PHARMACEUTICAL CO., LTD.
2021292075	Foundation Surgical Group, Inc.	2022271441	Inovio Pharmaceuticals, Inc.
2021300883	CANBIOCIN INC.	2022273110	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2021302154	Fuchs SE	2022273827	NX FILTRATION B.V.
2021307532	SHL Medical AG	2022276981	AMOSENSE CO., LTD.
2021320129	Novartis AG	2022282156	GLOBE (JIANGSU) CO., LTD.
2021322331	DAK Scientific, Inc.	2022286434	W.M. BARR & COMPANY, INC.
2021323300	Shanghai Meiyue Biotech Development Co., Ltd.	2022287592	Weber, P.
2021324653	Agilent Technologies, Inc.	2022288119	OCADO INNOVATION LIMITED
2021325930	Bard Peripheral Vascular, Inc.	2022291431	Saiba Animal Health AG
2021327136	Cybin IRL Limited	2022291579	Regeneron Pharmaceuticals, Inc.
2021329993	Adjuvant Biotechnology Pty Ltd	2022298810	GRAPHIC PACKAGING INTERNATIONAL, LLC
2021332183	Pfizer Inc.	2022299103	CINCOR PHARMA, INC.
2021356186	WOAMY OY	2022300712	RAVEN INDUSTRIES, INC.
2021357829	The Chemours Company FC, LLC	2022300773	LG ELECTRONICS INC.
2021358018	CONOCOPHILLIPS COMPANY	2022304581	GRAPHIC PACKAGING INTERNATIONAL, LLC
2021358525	The Chemours Company FC, LLC	2022305031	ENI S.P.A.; BASF SE
2021368607	MASCULL, R.T.; MASCULL, E.J.	2022312158	SODAPOP GMBH
2021370972	TRUVALUE LABS, INC.	2022313345	COVAL BIOPHARMA (SHANGHAI) CO., LTD.
2021373709	INNOVATIVE BIOMECHANICAL SOLUTIONS, LLC	2022318349	CONFO THERAPEUTICS N.V.
2021374796	THE AKKERMANSIA COMPANY	2022323511	PARAGON 28, INC.
2021377248	INIPHARM, INC.	2022324710	WONDERLAND SWITZERLAND AG
2021381437	ENANTA PHARMACEUTICALS, INC.	2022325953	ImmunityBio, Inc.
2021385569	Halliburton Energy Services, Inc.	2022331169	KOMATSU LTD.
2021388162	Halliburton Energy Services, Inc.	2022339127	Nanjing Roborock Innovation Technology Co., Ltd.
2021388926	SAPPHIRE BALCONIES LIMITED	2022341090	GMP BIOTECHNOLOGY LIMITED
2021390123	KEYMED BIOSCIENCES CO.,LTD	2022343893	SUMITOMO SHI FW ENERGIA OY
2021391555	STERITEC PRODUCTS MFG. CO., INC.	2022343903	ASTRAZENECA AB
2021392053	AUTOMATIC BAR CONTROLS, INC.	2022344407	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2021395881	ASTRAZENECA UK LIMITED	2022344976	MARTIN ENGINEERING COMPANY
2021398871	IMUNOPHARM TECHNOLOGY CO., LTD.; SHANDONG JINSAI CO., LTD.	2022346066	BYD COMPANY LIMITED
2021401749	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	2022348509	YI CHUN GREEN TECHNOLOGY CO., LTD.; SHEN, J.
2021403684	GIVAUDAN SA	2022350562	Kangbaida (Sichuan) Biotechnology Co., Ltd.
2021408790	AMTIXBIO CO., LTD.	2022350959	TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD.
2021410547	ABBOTT DIABETES CARE INC.	2022351053	WONDERLAND SWITZERLAND AG
2021413245	GEORGIA TECH RESEARCH CORPORATION; EMORY UNIVERSITY; CHILDREN'S HEALTHCARE OF ATLANTA, INC.	2022352530	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2021431616	HAINING ZHULUOJI BIOTECHNOLOGY CO., LTD.	2022353804	HUAWEI TECHNOLOGIES CO., LTD.
2021431809	BIOENVISION TECHNOLOGY AS	2022354113	NV BEKAERT SA; CCL STRESSING INTERNATIONAL LTD
2021441323	TECHTRONIC CORDLESS GP	2022354957	LIQUID LUMENS, LLC
2021444487	BARD PERIPHERAL VASCULAR, INC.	2022355995	BYD COMPANY LIMITED
2021447156	QYUNS THERAPEUTICS CO., LTD.	2022357347	SODAPOP GMBH
2021457849	CORCYM S.R.L.	2022368800	CHUANG, K.
2021458236	MED-EL ELEKTROMEDIZINISCHE GERÄTE GMBH	2022368801	SHENZHEN JUMAO UNIVERSE TECHNOLOGY CO., LTD
2021463727	SUMITOMO SHI FW ENERGIA OY	2022369383	KOMATSU FOREST AB
2021477585	MICRO MOTION, INC.	2022369879	HALLIBURTON ENERGY SERVICES, INC.
2021477689	Metso USA Inc.	2022370457	BUMBLE IP HOLDCO LLC
2021479892	SEKISUI HOUSE, LTD.	2022373959	FRAUSCHER SENSORTECHNIK GMBH
2021479974	HALLIBURTON ENERGY SERVICES, INC.	2022375272	ENSURGE MEDICAL (SUZHOU) CO., LTD.
2022200165	Sorkin, F.L.	2022377484	KIRIN HOLDINGS KABUSHIKI KAISHA
2022201375	Cytoarm Co., Ltd.	2022380076	SALTS HEALTHCARE LIMITED
2022203324	Bourgault Industries Ltd.	2022380293	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
2022205390	KITU SYSTEMS, INC.	2022380934	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2022207569	SinoCellTech Ltd.	2022381690	SYNTEGON PACKAGING SOLUTIONS B.V.
2022209349	MAX CO., LTD.	2022386352	ELI LILLY AND COMPANY
2022211934	CJ CHEILJEDANG CORPORATION		
2022215218	Bioverativ Therapeutics Inc.		
2022222423	SHAPERON INC.		

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2022387575	ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD.	2023204033	DISTRIBUTED CREATION INC.
2022391186	SABIC AGRI-NUTRIENTS COMPANY	2023204398	PERMOBIL AB
2022392980	Jiangsu Deyuan Pharmaceutical Co., Ltd.	2023205209	GOOGLE LLC
2022400330	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2023209182	SALTS HEALTHCARE LIMITED
2022400336	WATANABE OYSTER LABORATORY, CO., LTD.	2023210592	ImmunityBio, Inc.
2022401872	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2023211061	BRAUN GMBH
2022402792	HUAWEI TECHNOLOGIES CO., LTD.	2023212969	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022407140	VINCI CONSTRUCTION FRANCE	2023213255	KOMATSU LTD.
2022407314	UOP LLC	2023214389	GeoRoc International, Inc.
2022407896	PARK, E.J.	2023214491	MOSKOVITZ, M.J.
2022410616	BOLTON MEDICAL, INC.	2023219189	COLGATE-PALMOLIVE COMPANY
2022417825	INVENTIO AG	2023220920	THE GOVERNOR & COMPANY OF THE BANK OF ENGLAND
2022419177	AIC246 AG & CO. KG	2023222203	HUAWEI TECHNOLOGIES CO., LTD.
2022419255	WISHBONE	2023222660	WELL-SET P&A AS
2022419939	ILLUMINA, INC.	2023223693	IXS CO., LTD.
2022420130	GENANS BIOTECHNOLOGY CO., LTD	2023224191	BAKER HUGHES OILFIELD OPERATIONS LLC
2022422676	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) DEVELOPMENT CENTER FOR BIOTECHNOLOGY	2023227032	MAANSHAN IRON & STEEL CO., LTD
2022423988	SINDBAD GROUP LIMITED	2023227806	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
2022425658	SABIC AGRI-NUTRIENTS COMPANY	2023231737	thyssenkrupp nucera AG & Co. KGaA
2022427995	BYD COMPANY LIMITED	2023232472	PULPEX LIMITED
2022428445	ADEKA CORPORATION; NIHON NOHYAKU CO., LTD.	2023232837	NORDIC MINESTEEL TECHNOLOGIES INC.
2022428605	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2023233091	Tencent America LLC
2022428735	HUAWEI TECHNOLOGIES CO., LTD.	2023233870	EIS GMBH
2022428781	LEMON INC.	2023237083	Crown Equipment Corporation
2022429021	BYD COMPANY LIMITED	2023239060	ORO AGRI EUROPE, S.A.
2022429870	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2023241085	TOP CAP HOLDING GMBH
2022430110	BRIDGER PHOTONICS, INC.	2023241313	Gigglicious, LLC
2022431237	GUANGZHOU JINIO TECHNOLOGY DEVELOPMENT CO., LTD.	2023241366	LG Electronics Inc.
2022431406	ALCON INC.	2023241380	Neurovigil, Inc.
2022433635	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023242260	Magnum IP Holdings B.V.
2022433738	BASSOE TECHNOLOGY AB	2023244261	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022433835	HANGZHOU TIANLONG PHARMACEUTICAL CO., LTD.	2023248094	Horizon Quantum Computing PTE. LTD.
2022434120	ZTE CORPORATION	2023249873	Trosvik Oceantech AS
2022440578	TARAPEUTICS SCIENCE INC.	2023250537	COLGATE-PALMOLIVE COMPANY
2022445072	IHI CORPORATION	2023250548	COLGATE-PALMOLIVE COMPANY
2022445346	SUNGROW HYDROGEN SCI. & TECH. CO., LTD	2023251005	MATIV LUXEMBOURG; LMS TECHNOLOGIES, INC.
2022445675	IHI CORPORATION	2023251757	HAINAN UNIVERSITY
2022446945	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023254054	JUNGERS, C.; LEWANDER, P.
2022447788	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023254972	President and Fellows of Harvard College
2022452747	TONGWEI SOLAR (CHENGDU) CO., LTD.	2023258314	Terra Quantum AG
2022454569	LG ELECTRONICS INC.	2023262017	GEOBRUGG AG
2022458305	BEIJING JINGKELUN ENGINEERING DESIGN AND RESEARCH INSTITUTE CO., LTD.	2023263256	COLGATE-PALMOLIVE COMPANY
2022459996	SUNGROW (SHANGHAI) CO., LTD.	2023263421	PINDROP SECURITY, INC.
2022464765	SUNGROW (SHANGHAI) CO., LTD.	2023263690	BOSTON SCIENTIFIC SCIMED, INC.
2022465308	JIANGSU GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2023266225	STONE FACADE COMPANY LIMITED
2022466590	CERTAIN TEED GYPSUM, INC.	2023266238	Jinko Energy Storage Technology Co., Ltd.
2022470177	ZTE CORPORATION	2023266252	Progressive IP Limited
2022471795	ZTE CORPORATION	2023266307	MycoTechnology, Inc.
2022473582	ZTE CORPORATION	2023266313	Atrium Medical Corporation
2022479851	ZTE CORPORATION	2023266324	Air Products and Chemicals, Inc.
2022485564	ZTE CORPORATION	2023266358	Shockwave Medical, Inc.
2022491786	ZTE CORPORATION	2023266390	Aristocrat Technologies Australia Pty Limited
2023200883	Sapporo Medical University; Daiichi Sankyo Company, Limited	2023267039	MAURER ENGINEERING GMBH
2023201088	Glycobac, LLC	2023269454	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2023201227	Amunix Pharmaceuticals, Inc.	2023270195	GlaxoSmithKline Intellectual Property Development Limited
2023201293	MAX CO., LTD.	2023270217	FISHER & PAYKEL HEALTHCARE LIMITED
2023201664	S&A Group Holdings Limited	2023270250	Aristocrat Technologies Australia Pty Limited
2023202098	Adobe Inc.	2023270286	Bristol-Myers Squibb Company
2023202617	Sagemcom Energy & Telecom SAS	2023270334	Aristocrat Technologies Australia Pty Limited
2023202654	MedImmune Limited	2023270339	ABS Global, Inc.
2023203000	University of Pittsburgh-Of The Commonwealth System of Higher Education	2023271697	NORTHROP GRUMMAN SYSTEMS CORPORATION
		2023272272	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
		2023273845	ZHU, X.
		2023274211	Aristocrat Technologies Australia Pty Limited
		2023277524	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
		2023277965	I-SENS, INC.
		2023278024	Trina Solar Co., Ltd

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2023278115	Fasteners for Retail, Inc.	2024200509	CHASM Advanced Materials, Inc.
2023280257	ZTE CORPORATION	2024200532	BNSF Railway Company
2023282308	Air Products and Chemicals, Inc.	2024200717	Alnylam Pharmaceuticals, Inc.
2023285697	Apple Inc.	2024200871	Karsten Manufacturing Corporation
2023285712	Boston Scientific Scimed, Inc.; Brussels Medical Device Center	2024201033	Lumenis Ltd
2023285804	Eisai R&D Management Co., Ltd.	2024201063	BAE Systems Plc.
2023285909	BiomEdit, LLC	2024201181	Rovi Guides, Inc.
2023285946	SMEDLEY'S ENGINEERS PTY LTD; MALUVA ENGINEERING	2024201197	Duracell U.S. Operations, Inc.
2023286013	Pulnovo Medical (Wuxi) Co., Ltd.	2024201229	Perma-Liner Industries, LLC
2023286693	R.A. PHILLIPS INDUSTRIES, INC.	2024201313	Tensar International Corporation
2023288938	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	2024201475	Tenfold Technologies, LLC
2023289270	ALTEOGEN INC.	2024201506	Takeda Pharmaceutical Company Limited
2023289275	LG ELECTRONICS INC.	2024201513	Regents of the University of Minnesota
2023294763	COLGATE-PALMOLIVE COMPANY	2024201518	Merck Sharp & Dohme LLC
2023301836	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI	2024201545	Beijing Roborock Technology Co., Ltd
2023301919	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2024201667	Alpine Immune Sciences, Inc.
2023305897	Weir Minerals U.S. Inc.	2024201688	DexCom, Inc.
2023306382	HOWMEDICA OSTEONICS CORP.	2024201777	LG Electronics Inc.
2023307356	ALK-ABELLÓ A/S	2024201973	Vector Remediation Ltd.
2023312212	ROCKWELL COLLINS DEUTSCHLAND GMBH	2024202089	The Regents of The University of California
2023312379	JINKO SOLAR (HAINING) CO., LTD.	2024202368	Aladdin Manufacturing Corporation
2023316901	YOSHINO GYPSUM CO., LTD.	2024202384	Abbott Diabetes Care Inc.
2023320358	CATERPILLAR INC.	2024202392	LG Electronics Inc.
2023323671	ZIMMER, INC.	2024202403	LG Electronics Inc.
2023326040	ECOSCITEC INNOVATIONS PTY LTD	2024202621	FEF Group Pty Ltd
2023352061	IMEDICOM CO., LTD.	2024202683	Transportation IP Holdings, LLC
2023352284	MEISEI INDUSTRIAL CO., LTD.; NIPPON CHEMICAL INDUSTRIAL CO., LTD.	2024202723	YETI Coolers, LLC
2023357857	WEIR MINERALS NETHERLANDS B.V.	2024202738	Lucasfilm Entertainment Company Ltd.
2023358216	STAMICARBON B.V.	2024202769	Magic Leap, Inc.
2023358945	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2024202771	GOODWE POWER TECHNOLOGY (GUANGDE) CO., LTD.
2023365459	KOMATSU LTD.	2024202777	Sungrow Power Supply Co., Ltd.
2023366048	PVAP IP PTY LTD	2024202825	Tencent America LLC
2023368731	HANGZHOU SYNRX THERAPEUTICS BIOMEDICAL TECHNOLOGY CO., LTD.	2024202907	ACER INCORPORATED
2023375280	INNER MONGOLIA UNIVERSITY OF TECHNOLOGY	2024202953	Vutility, Inc.
2023383415	RINNAI CORPORATION	2024202994	Hangzhou Ulike Technology Co., Ltd.
2023386275	TONGWEI SOLAR (CHENGDU) CO., LTD.	2024203023	Covco (H.K.) Limited
2023387751	GUANGDONG JIUCCO MEDICAL EQUIPMENT CO., LTD.	2024203041	Equinix, Inc.
2023387762	ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.; ANSTEEL GROUP MINING CORPORATION LIMITED	2024203088	LG Electronics Inc.
2023387767	LG ELECTRONICS INC.	2024203134	Air Products and Chemicals, Inc.
2023387773	WITH-U E-COMMERCE (SHANGHAI) CO LTD.	2024203246	Integrated Shoulder Collaboration, Inc.
2023401728	CATERPILLAR INC.	2024203285	VusionGroup GmbH
2023409213	SIEMENS HEALTHCARE DIAGNOSTICS INC.	2024203299	Haynes International, Inc.; ICL-IP America Inc.
2023412371	SHENZHEN JISU TECHNOLOGY CO., LTD.	2024203301	Dexcom, Inc.
2023432223	JIANGSU ADVANCED CONSTRUCTION MACHINERY INNOVATION CENTER LTD.	2024203321	Karl Leibinger Asset Management GmbH & Co. KG
2023443541	FASTWAVE MEDICAL INC.	2024203402	BioAtla, LLC
2023446740	PT QMB NEW ENERGY MATERIALS; PT ESG NEW ENERGY MATERIAL; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024203454	SHANDONG UNIVERSITY
2023446741	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024203457	KZJ NEW MATERIALS GROUP SHANXI CO., LTD.; KZJ NEW MATERIALS GROUP CO., LTD.
2024200020	Memorial Sloan-Kettering Cancer Center	2024203549	LG Electronics Inc.
2024200022	Chongqing Changan Automobile Co., Ltd.	2024203692	Footprint International, LLC
2024200024	Golden Solar (Quanzhou) New Energy Technology Co., Ltd.	2024203751	Zodiac Pool Systems LLC
2024200036	University of Virginia Patent Foundation	2024203888	Howard Hughes Medical Institute
2024200174	Becton, Dickinson and Company	2024203984	EVO Inventions LLC
2024200186	Applied Medical Resources Corporation	2024204045	Tramec Sloan, LLC
2024200229	Bio-Gene Technology Limited	2024204051	Becton, Dickinson and Company
2024200359	Huawei Technologies Co., Ltd.	2024204085	Equifax Inc.
2024200368	Snap-on Incorporated	2024204212	ChemoCentryx, Inc.
2024200491	LINEAGE LOGISTICS, LLC	2024204237	Dibiase, J.; Rite-Hite Holding Corporation
		2024204252	TARIS Biomedical LLC
		2024204277	The Liv Group Inc.
		2024204320	Boston Scientific Scimed, Inc.
		2024204382	IDEMIA France
		2024204391	Pratt Corrugated Holdings, Inc.
		2024204396	Apple Inc.
		2024204397	Apple Inc.
		2024204410	Rigetti & Co, LLC
		2024204413	Grey Market Labs, PBC
		2024204518	Pirouette Pharma Inc.
		2024204526	Precision Planting LLC
		2024204739	Spogen Biotech Inc.
		2024204770	Intuit Inc.

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2024204860	ResMed Asia Pte. Ltd.	2024406236	VERSUNI HOLDING B.V.
2024205038	Regeneron Pharmaceuticals, Inc.	2024418425	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2024205134	Apple Inc.	2025200239	Hitachi Energy Ltd
2024205136	YETI Coolers, LLC	2025200250	Cartiheal (2009) Ltd.
2024205151	S.C.R. [Engineers] Limited; Merck Sharp & Dohme Animal Health, S.L.	2025200559	Bushwakka Pty Ltd
2024205367	China Electric Power Research Institute; Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd.; State Grid Corporation of China	2025201122	Australian Mitigation Engineering Developments Pty Ltd
2024205489	Savant Systems, Inc.	2025201173	Avent Investment, LLC
2024205538	Shanghai Ocean University	2025201242	Nevro Corp.
2024205611	Apple Inc.	2025201272	DePuy Ireland Unlimited Company
2024205717	FMI BUILDING INNOVATION LIMITED	2025202156	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024205769	Wonderland Switzerland AG	2025202200	Sage Products, LLC
2024205773	SCREEN Holdings Co., Ltd.	2025202797	Tayco, D.
2024205775	SCREEN Holdings Co., Ltd.	2025202880	TAN, C.Y.
2024205790	Halliburton Energy Services, Inc.	2025204099	Longi Green Energy Technology Co., Ltd.
2024205812	Eli Lilly and Company	2025204419	EBR Systems, Inc.
2024205848	Aquatec Management Pty Ltd	2025204483	CCTEG Coal Mining Research Institute; CCTEG TIANDI SCIENCE & TECHNOLOGY CO., LTD.
2024213139	Vinventions USA, LLC	2025204701	CADIM Pty Ltd
2024215528	DANIMER IPCO, LLC	2025205573	Patriot Campers Holdings Pty Ltd
2024216279	ATW Technology Inc.	2025205578	Patriot Campers Holdings Pty Ltd
2024216541	Applied Medical Resources Corporation	2025205579	Patriot Campers Holdings Pty Ltd
2024219217	YETI COOLERS, LLC	2025223863	MAKO Surgical Corp.
2024219324	Aquis Systems AG	2025223869	Stryker Corporation
2024219401	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2025226842	KDB INTELLECTUAL PTY LTD
2024219595	Anduril Industries, Inc.	2025237927	Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
2024219659	Komatsu Germany GmbH	2025242215	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024219691	Sony Group Corporation	2025252503	BELL INDUSTRIAL DESIGN AND SOLUTIONS PTY LTD
2024219747	Huawei Technologies Co., Ltd.	2025252511	Fidelity Information Services, LLC
2024219929	Trading Technologies International, Inc.	2025259836	Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
2024219961	Orbis Intelligent Systems, Inc.	2025267328	R & T (AUSTRALIA) PTY LTD
2024223974	Envisics Ltd	2025267532	Genius Sports SS, LLC
2024225370	EPIZON PHARMA, INC.	2025271324	APPLE INC.
2024225887	EPIZON, INC.	2025271328	APPLE INC.
2024227319	SKYLOTEC GmbH		
2024227480	BEDGEAR, LLC		
2024227509	Weatherford Technology Holdings, LLC		
2024227533	Trudeau, L.		
2024227565	Zoetis Services LLC		
2024227641	SRI International		
2024227662	Taylor Commercial Foodservice, LLC		
2024234064	COST-BRY PTY LTD (TRADING AS BIOMEBANK)		
2024240124	LEUPOLD & STEVENS, INC.		
2024259691	Weatherford Technology Holdings, LLC		
2024259725	Owen, L.		
2024259861	Medivators Inc.		
2024259878	MAKO Surgical Corp.		
2024263735	WILMARC HOLDINGS, LLC		
2024263822	T.F.H. PUBLICATIONS, INC.		
2024264576	Supernus Pharmaceuticals, Inc.		
2024264587	Huawei Technologies Co., Ltd.		
2024264644	Pharaoh Neuro, Inc.		
2024264742	Jiangmen COSCO SHIPPING Aluminium Co., Ltd.		
2024266725	The NOCO Company		
2024266886	IRON ORE COMPANY OF CANADA		
2024270627	THE PROCTER & GAMBLE COMPANY		
2024270639	Dendrite Imaging, Inc.		
2024278104	IRON ORE COMPANY OF CANADA		
2024278139	Dolby International AB		
2024278211	McCarthy, M.		
2024278284	Leidos, Inc.		
2024278340	Huawei Technologies Co., Ltd.		
2024278420	Regeneron Pharmaceuticals, Inc.		
2024278555	Welldoc, Inc.		
2024278610	GUANGDONG MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD; WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD.		
2024304600	UJWAL INC.		
2024343386	AXENT BIOSCIENCES INC.		
2024376801	SENSORIUM THERAPEUTICS, INC.		

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<b><u>A01B 21 /-</u></b>	<b><u>A01G 18 /-</u></b>	<b><u>A01M 17 /-</u></b>	<b><u>A01P 3 /-</u></b>	<b><u>A23K 20 /-</u></b>	<b><u>A24D 1 /-</u></b>
2020440915	2023266307	2019426842	2019369587	2021300883	2020336814
<b><u>A01B 27 /-</u></b>	<b><u>A01G 23 /-</u></b>	<b><u>A01M 23 /-</u></b>	<b><u>A01P 5 /-</u></b>	<b><u>A23K 50 /-</u></b>	<b><u>A24F 40 /-</u></b>
2023266252	2022369383	2020311551	2019408562 2022428605 2023239060	2021300883	2020336814
<b><u>A01B 29 /-</u></b>	<b><u>A01G 25 /-</u></b>	<b><u>A01M 25 /-</u></b>	<b><u>A01P 7 /-</u></b>	<b><u>A23L 2 /-</u></b>	<b><u>A24F 47 /-</u></b>
2023266252	2020315567	2019426842	2019389786 2020253391 2020367766 2021403684 2022222712 2022377484 2023266307	2019389786 2022264407	2020381237
<b><u>A01B 31 /-</u></b>	<b><u>A01G 27 /-</u></b>	<b><u>A01M 7 /-</u></b>	<b><u>A23B 11 /-</u></b>	<b><u>A23L 23 /-</u></b>	<b><u>A41D 19 /-</u></b>
2023266252	2025259836	2020204538 2022300712	2019408562 2022428605 2024200229	2019389786 2022264407	2020226955 2024203023
<b><u>A01B 35 /-</u></b>	<b><u>A01G 7 /-</u></b>	<b><u>A01N 25 /-</u></b>	<b><u>A23C 21 /-</u></b>	<b><u>A23L 25 /-</u></b>	<b><u>A45C 11 /-</u></b>
2023266252	2021225176	2019369587 2020261248 2020329083 2022427995 2023239060 2024204739	2020381786	2022264407	2021261906
<b><u>A01B 45 /-</u></b>	<b><u>A01G 9 /-</u></b>	<b><u>A01N 35 /-</u></b>	<b><u>A23C 7 /-</u></b>	<b><u>A23L 27 /-</u></b>	<b><u>A45C 7 /-</u></b>
2020440915	2021225176	2024200229	2020329083 2020432224	2020253391 2021403684	2024259725
<b><u>A01B 59 /-</u></b>	<b><u>A01H 1 /-</u></b>	<b><u>A01N 37 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A23L 29 /-</u></b>	<b><u>A45D 1 /-</u></b>
2024205151	2020254415 2020371294	2020329083 2022428605	2020266724	2019389786 2020367766	2020322192
<b><u>A01B 61 /-</u></b>	<b><u>A01H 13 /-</u></b>	<b><u>A01N 43 /-</u></b>	<b><u>A23C 9 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A45D 2 /-</u></b>
2024204526	2020371294	2019369587 2019393191 2019408562 2020238493 2020298287 2020329083 2020338043 2022428605	2020266724 2020367766 2020381786 2022377484	2019389786 2020245715 2020265655 2020282111 2020310003 2020378186 2020381786 2021300883 2021374796 2022377484 2024204277	2020322192
<b><u>A01B 63 /-</u></b>	<b><u>A01H 5 /-</u></b>	<b><u>A01N 47 /-</u></b>	<b><u>A23D 9 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A45D 44 /-</u></b>
2020201788 2020440915	2018201932 2020254415 2020371294 2024204739	2022428605	2018201932 2020371294 2023242260	2019389786 2020245715 2020265655 2020282111 2020310003 2020378186 2020381786 2021300883 2021374796 2022377484 2024204277	2024202994
<b><u>A01B 73 /-</u></b>	<b><u>A01J 11 /-</u></b>	<b><u>A01N 57 /-</u></b>	<b><u>A23G 1 /-</u></b>	<b><u>A23L 33 /-</u></b>	<b><u>A45F 3 /-</u></b>
2020201787	2020266724	2019393191 2024204739	2023242260	2019389786 2020245715 2020265655 2020282111 2020310003 2020378186 2020381786 2021300883 2021374796 2022377484 2024204277	2024259725
<b><u>A01B 79 /-</u></b>	<b><u>A01K 13 /-</u></b>	<b><u>A01N 59 /-</u></b>	<b><u>A23G 3 /-</u></b>	<b><u>A23L 7 /-</u></b>	<b><u>A45F 4 /-</u></b>
2024204526	2020266724	2019393191 2024204739	2023242260	2019389786 2020265655 2020282111 2022264407	2024259725
<b><u>A01C 11 /-</u></b>	<b><u>A01K 15 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23G 9 /-</u></b>	<b><u>A23P 10 /-</u></b>	<b><u>A46B 11 /-</u></b>
2020203883	2022368801	2020329083 2024204739	2023242260	2019389786 2020245715 2020265655	2024227533 2025202200
<b><u>A01C 5 /-</u></b>	<b><u>A01K 15 /-</u></b>	<b><u>A01N 63 /-</u></b>	<b><u>A23J 1 /-</u></b>	<b><u>A23P 10 /-</u></b>	<b><u>A46B 17 /-</u></b>
2020203883 2024204526	2024263822	2019235861 2020339732 2023239060 2024201475	2019389786 2020378186	2019389786 2020245715 2020265655	2025202200
<b><u>A01C 7 /-</u></b>	<b><u>A01K 5 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23J 3 /-</u></b>	<b><u>A23P 30 /-</u></b>	<b><u>A47B 3 /-</u></b>
2020244409 2022203324 2024204526	2024263822	2019393191 2024204739	2023242260	2020282111 2022264407	2024203984
<b><u>A01D 34 /-</u></b>	<b><u>A01K 61 /-</u></b>	<b><u>A01P 13 /-</u></b>	<b><u>A23K 10 /-</u></b>	<b><u>A24B 15 /-</u></b>	<b><u>A47B 45 /-</u></b>
2021218647 2021441323	2023251757	2019393191 2020261248	2019389786 2020282111 2020378186	2020282111	2023278115
<b><u>A01D 75 /-</u></b>	<b><u>A01K 67 /-</u></b>			<b><u>A24B 15 /-</u></b>	<b><u>A47B 57 /-</u></b>
2020201787	2020207368 2020325949 2021251429 2022291579			2020381237	2023278115
<b><u>A01G 13 /-</u></b>	<b><u>A01M 1 /-</u></b>			<b><u>A24B 15 /-</u></b>	<b><u>A47B 88 /-</u></b>
2025259836	2019426842			2020381237	2020223093

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<b><u>A47B 9 /-</u></b>	2019278918 2019374914 2019449734 2024203984	2021410547 2021458236 2022268884 2023241380 2023277965	<b><u>A61F 15 /-</u></b>	<b><u>A61H 19 /-</u></b>	2023227806 2023270195 2023273845 2023368731 2024200717				
<b><u>A47C 21 /-</u></b>	2020274016 2020276618 2020327961 2020333735 2020334143 2020346420 2020390870 2024227480	2023285712 2023387751 2024200186 2024201688 2024203301 2024204051 2024205151 2024270639	<b><u>A61F 2 /-</u></b>	2023233870	2023368731 2024200717 2024201518 2024204212 2024204277 2024225370 2024225887 2024264576 2024376801				
<b><u>A47C 4 /-</u></b>	20202346420 2020390870 2021206129 2021218686 2021292075 2022323511 2022375272 2023214491 2023285712 2023443541 2024200186 2024203246 2024203321 2024204320 2024216541 2025200250 2025201272	2023285712 2024203301 2024204051 2024205151 2024270639	<b><u>A61B 50 /-</u></b>	2025202880	2024225370 2024225887 2024264576 2024376801				
<b><u>A47F 11 /-</u></b>	2024202723	2024204051 2024205151 2024270639	<b><u>A61B 6 /-</u></b>	<b><u>A61H 7 /-</u></b>	2021286647				
<b><u>A47F 5 /-</u></b>	2024203285	2024270639	<b><u>A61B 8 /-</u></b>	<b><u>A61K 31 /-</u></b>	2021286647				
2023278115	2024203285	2024270639	2020334143	2019232768 2019235861 2019278814 2019311380 2019370485 2019408562 2020232008 2020236225 2020255676 2020258002 2020267486 2020276243 2020276695 2020282018 2020282638 2020291114 2020298031 2020301399 2020301400 2020322170 2020324561 2020327022 2020338043 2020348089 2020350105 2020355384 2020361511 2020367398 2020369029 2020369907 2020371023 2020374150 2020386445 2020397401 2020422228 2020427632 2021210611 2021211236 2021238637 2021244864 2021323300 2021327136 2021381437 2021408790 2022270242 2022299103 2022313345 2022318349 2022341090 2022343903 2022350562 2022400336 2022419177 2022423988 2022428605 2022434120 2022445072 2023200883 2023214491	2020334143	2020334143	2019232768 2019235861 2019278814 2019311380 2019370485 2019408562 2020232008 2020236225 2020255676 2020258002 2020267486 2020276243 2020276695 2020282018 2020282638 2020291114 2020298031 2020301399 2020301400 2020322170 2020324561 2020327022 2020338043 2020348089 2020350105 2020355384 2020361511 2020367398 2020369029 2020369907 2020371023 2020374150 2020386445 2020397401 2020422228 2020427632 2021210611 2021211236 2021238637 2021244864 2021323300 2021327136 2021381437 2021408790 2022270242 2022299103 2022313345 2022318349 2022341090 2022343903 2022350562 2022400336 2022419177 2022423988 2022428605 2022434120 2022445072 2023200883 2023214491	<b><u>A61K 33 /-</u></b>	2019232768 2019235861 2019278814 2019311380 2019370485 2019408562 2020232008 2020236225 2020255676 2020258002 2020267486 2020276243 2020276695 2020282018 2020282638 2020291114 2020298031 2020301399 2020301400 2020322170 2020324561 2020327022 2020338043 2020348089 2020350105 2020355384 2020361511 2020367398 2020369029 2020369907 2020371023 2020374150 2020386445 2020397401 2020422228 2020427632 2021210611 2021211236 2021238637 2021244864 2021323300 2021327136 2021381437 2021408790 2022270242 2022299103 2022313345 2022318349 2022341090 2022343903 2022350562 2022400336 2022419177 2022423988 2022428605 2022434120 2022445072 2023200883 2023214491
<b><u>A47F 11 /-</u></b>	2024203285	2024270639	<b><u>A61B 8 /-</u></b>	<b><u>A61K 35 /-</u></b>	2019232768 2019235861 2019278814 2019311380 2019370485 2019408562 2020232008 2020236225 2020255676 2020258002 2020267486 2020276243 2020276695 2020282018 2020282638 2020291114 2020298031 2020301399 2020301400 2020322170 2020324561 2020327022 2020338043 2020348089 2020350105 2020355384 2020361511 2020367398 2020369029 2020369907 2020371023 2020374150 2020386445 2020397401 2020422228 2020427632 2021210611 2021211236 2021238637 2021244864 2021323300 2021327136 2021381437 2021408790 2022270242 2022299103 2022313345 2022318349 2022341090 2022343903 2022350562 2022400336 2022419177 2022423988 2022428605 2022434120 2022445072 2023200883 2023214491				
<b><u>A47G 19 /-</u></b>	2024219217	2024270639	<b><u>A61B 90 /-</u></b>	<b><u>A61F 5 /-</u></b>	2019278918 2020215661				
<b><u>A47G 25 /-</u></b>	2021264375	2024270639	2020276618 2020368517 2022401872 2022407896 2023285712 2024259878 2025201272 2025223869	2020291528 2020346964 2022380076 2023209182 2023285712	<b><u>A61K 35 /-</u></b>				
<b><u>A47J 31 /-</u></b>	2019449734 2022387575 2022407896 2023214491 2023286013 2024201033	2020276618 2020368517 2022401872 2022407896 2023285712 2024259878 2025201272 2025223869	<b><u>A61C 1 /-</u></b>	<b><u>A61F 6 /-</u></b>	2019278918 2024200036				
<b><u>A47J 37 /-</u></b>	2019441740 2020321023 2020358360 2020417744	2020276618 2020368517 2022401872 2022407896 2023285712 2024259878 2025201272 2025223869	2020313953	<b><u>A61F 7 /-</u></b>	2020255676 2020271604 2021374796 2025202880				
<b><u>A47J 41 /-</u></b>	2024205136	2024270639	<b><u>A61C 17 /-</u></b>	<b><u>A61F 9 /-</u></b>	<b><u>A61K 36 /-</u></b>				
<b><u>A47J 47 /-</u></b>	2020368517 2021458236 2022401872 2024259878 2025223863 2025223869	2023211061	2023211061	2023214491 2025202880	2020255676 2020271604 2021374796 2025202880				
<b><u>A47K 1 /-</u></b>	2025202200	2024270639	<b><u>A61C 19 /-</u></b>	<b><u>A61F 11 /-</u></b>	<b><u>A61K 38 /-</u></b>				
<b><u>A47L 11 /-</u></b>	2022433738 2024201545 2024227533	2020313953	2020313953	2020262441 2020333735 2021272910 2021307532	2019257249 2019291079 2019374363 2020243588 2020310003 2020311364 2020335905 2020378186 2022271441 2022325953 2022368800 2022386352 2022392980 2022420130 2023201227 2023270286 2024203888 2024278420				
<b><u>A47L 9 /-</u></b>	2021287625 2021290051 2024201545	2020327961	<b><u>A61C 5 /-</u></b>	<b><u>A61G 3 /-</u></b>	<b><u>A61K 39 /-</u></b>				
<b><u>A61B 1 /-</u></b>	2020334143 2021281496 2023285712 2024200186 2024259861	2020327961 2020327961 2020402644 2020255671 2020276275 2020284312 2020309580 2020325991 2020340555 2020346420 2020372414 2020396791 2020417744 2020428386 2020433840 2020434216 2021205254 2021207471 2021222846 2021229886 2021230437	2020327961 2020327961 2020402644 2020255671 2020276275 2020284312 2020309580 2020325991 2020340555 2020346420 2020372414 2020396791 2020417744 2020428386 2020433840 2020434216 2021205254 2021207471 2021222846 2021229886 2021230437	2020327961	2021210852	2019257249 2019291079 2019374363 2020243588 2020310003 2020311364 2020335905 2020378186 2022271441 2022325953 2022368800 2022386352 2022392980 2022420130 2023201227 2023270286 2024203888 2024278420			
<b><u>A61B 17 /-</u></b>	2020334143 2021281496 2023285712 2024200186 2024259861	2020361511 2021458236	<b><u>A61C 7 /-</u></b>	<b><u>A61G 5 /-</u></b>	2018392480 2019225237 2019261933 2019276486				
		2020361511 2021458236	<b><u>A61D 99 /-</u></b>	2021368607 2023204398					
		2020361511 2021458236	<b><u>A61F 13 /-</u></b>	<b><u>A61G 7 /-</u></b>					
		2020370666 2021226356 2021264375 2022348509 2024200186	2020402644 2020255671	2020403733 2024227480					
		2020370666 2021226356 2021264375 2022348509 2024200186	<b><u>A61H 11 /-</u></b>	2021286647					

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2019291079	2019258830	2022231701	2020309580	2020215661	2021244864
2019311380	2019350521	2022419255	2021272910	2020255676	2021332183
2019334131	2020311364		2021278880	2020291622	2021381437
2019355062	2021251429	<b>A61L 28 /-</b>	2021307532	2020397401	2022207569
2019369771	2024203888		2021322331	2021408790	2022419177
2019370485		2020346964	2022287592	2021447156	
2020254582	<b>A61K 51 /-</b>		2022386352	2023227806	<b>A61P 33 /-</b>
2020294797		<b>A61L 29 /-</b>	2023307356		
2020296337	2021390123		2024204518	<b>A61P 19 /-</b>	2020291114
2020352574		2022227002			2022428605
2021214622	<b>A61K 6 /-</b>	<b>A61L 31 /-</b>	<b>A61M 60 /-</b>	2019276486	<b>A61P 35 /-</b>
2021320129				2022270242	
2021332183	2020207845		2020260148	2023273845	
2021390123		2020230552	2020302901	2024225370	2019225237
2021398871	<b>A61K 8 /-</b>	2020315842			2019232768
2021447156		2021431616	<b>A61N 1 /-</b>	<b>A61P 23 /-</b>	2019234183
2022201375	2020215661				2019235523
2022207569	2020245715	<b>A61L 33 /-</b>	2020310587	2020350105	2019291079
2022222423	2023250537		2020346420		2019311380
2022224335	2023250548	2022227002	2021201186	<b>A61P 25 /-</b>	2019358417
2022259785	2023263256		2021247476		2019369771
2022271441	2023294763	<b>A61M 1 /-</b>	2022268884	2019246983	2019374363
2022291431	2024270627		2022287592	2019370485	2020231810
2023200883		2020380191	2022380934	2020236225	2020267486
2023202654	<b>A61K 9 /-</b>	2020381990	2023286013	2020291114	2020276695
2024200020		2021205254	2025201173	2020348089	2020294797
2024201518	2018392480	2021213898	2025201242	2020369907	2020322170
2024203402	2020215661	2021223172	2025204419	2020427632	2020324561
2024205038	2020245715	2023209182		2021210611	2020327022
	2020254582	2023214491	<b>A61N 2 /-</b>	2021238637	2020352574
	2020255676	2024200186		2021327136	2020367398
<b>A61K 45 /-</b>	2020259740	2024264644	2020346420	2021329993	2020371023
	2020272641			2021447156	2020374150
	2020282018	<b>A61M 16 /-</b>	<b>A61N 5 /-</b>	2022341090	2020386445
	2020282638			2022420130	2020422228
2019235861	2020287084	2020352295	2019449734	2024225370	2021214622
2019311380	2020287620	2023270217	2020313953	2024264576	2021320129
2020258002	2020287620	2023387751	2022420130		2021390123
2020287620	2020291622	2024204860	2022425658	<b>A61P 27 /-</b>	2021398871
2020327022	2020310003		2023202654		2022201375
2020369907	2020311364	<b>A61M 25 /-</b>	2023263690	2018392480	2022207569
2021244864	2020350105		2024201033	2020427632	2022222423
2021390123	2020367398	2019449734	2024202994	2021323300	2022224335
	2020369029	2021444487	2025202880		2022259785
<b>A61K 47 /-</b>	2020371023	2023443541		<b>A61P 29 /-</b>	2022271441
	2021210611	2024204051	<b>A61P 1 /-</b>		2022325953
2019225237	2021238637			2019276486	2022343903
2019277094	2021244864	<b>A61M 31 /-</b>	2020287084	2020243588	2022350562
2020245715	2022341090		2021300883	2020271604	2022400336
2020254582	2022386352	2024202384	2021374796	2020291114	2022434120
2020255676	2022419177	2024203301	2021377248	2020350105	2022445072
2020282018	2024204252	2024204252	2021447156	2020369029	2023200883
2020282638	2024205038		2022325953	2021408790	2023202654
2020287620	2024225370	<b>A61M 35 /-</b>	2022368800	2021447156	2023210592
2020291622	2024225887		2024201513	2022313345	2023368731
2020311364		2025202880		2022318349	2024200020
2020322170	<b>A61L 2 /-</b>		<b>A61P 11 /-</b>	2023270195	2024204212
2020335905		<b>A61M 37 /-</b>		2023273845	
2020350105	2021391555		2020348089		<b>A61P 37 /-</b>
2020367398	2025202200	2021413245	2021244864	<b>A61P 3 /-</b>	
2021390123		2024203301			2020215661
2022386352	<b>A61L 24 /-</b>	2025202880	<b>A61P 13 /-</b>	2020298031	2020243588
2022419177				2020386445	2020310003
2023214491	2021431616	<b>A61M 39 /-</b>	2020348089	2020397401	2020324561
2023273845			2022400336	2021374796	2021323300
2023285804	<b>A61L 26 /-</b>	2020381990		2021447156	2021408790
2024204277		2021214834	<b>A61P 15 /-</b>	2022392980	2021447156
2024205038	2021431616	2021322331		2023273845	2023227806
2024225370		2021325930	<b>A61P 31 /-</b>		
2024225887	<b>A61L 27 /-</b>	2021444487		2020258002	<b>A61P 39 /-</b>
2024227641		2024263735	2019278918	2020355384	
2024234064	2020230552		2022207569		
	2020315842	<b>A61M 5 /-</b>	2022341090		
<b>A61K 48 /-</b>	2020367398		<b>A61P 17 /-</b>		
	2020385363	2020282018			
2018392480					

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<b>A61P 41 /-</b>	2024263822	2020342461	<b>B05B 3 /-</b>	<b>B23D 47 /-</b>	2020383077
2019278918	<b>B01D 21 /-</b>	<b>B01J 23 /-</b>	2024219324	2020265342	<b>B29B 7 /-</b>
<b>A61P 43 /-</b>	2020245571	2020342461	<b>B05B 7 /-</b>	<b>B24B 31 /-</b>	2021392053
2022400336	2020330384	2022380293	2020405093	2020407868	<b>B29C 39 /-</b>
2020348089	<b>B01D 25 /-</b>	2024227565	2024219324	<b>B24B 55 /-</b>	2020209954
2021211236	2020406622	<b>B01J 29 /-</b>	<b>B05B 9 /-</b>	2021290051	<b>B29C 41 /-</b>
2022400336	<b>B01D 3 /-</b>	2021233959	2019426842	<b>B24C 5 /-</b>	2024203023
2023273845	2020402128	<b>B01J 3 /-</b>	<b>B05C 17 /-</b>	2020399540	<b>B29C 43 /-</b>
2024278420	<b>B01D 35 /-</b>	2020383884	2019426842	<b>B25B 13 /-</b>	2020209954
<b>A61P 5 /-</b>	2024278211	<b>B01J 31 /-</b>	<b>B07B 1 /-</b>	2024200368	2020383077
2022299103	<b>B01D 39 /-</b>	2024227565	2020338260	<b>B25B 17 /-</b>	<b>B29C 44 /-</b>
<b>A61P 9 /-</b>	2023251005	<b>B01J 35 /-</b>	<b>B07C 5 /-</b>	2024200368	2021356186
2020348089	<b>B01D 46 /-</b>	2020342461	2020335104	<b>B25B 25 /-</b>	2023352284
2022299103	2020230325	<b>B01J 37 /-</b>	<b>B08B 3 /-</b>	2023201293	<b>B29C 45 /-</b>
2024225370	2024278211	2020342461	2020405093	<b>B25B 7 /-</b>	2020209954
<b>A61Q 11 /-</b>	<b>B01D 47 /-</b>	<b>B01J 6 /-</b>	2022286434	2021213041	<b>B29C 49 /-</b>
2023250537	2022331169	2023214389	2024227533	<b>B25J 11 /-</b>	2024201229
2023294763	<b>B01D 50 /-</b>	<b>B01J 8 /-</b>	<b>B21D 22 /-</b>	2024201545	<b>B29C 61 /-</b>
2024270627	2021287625	2023266324	2020322195	<b>B25J 13 /-</b>	<b>B29C 63 /-</b>
<b>A61Q 15 /-</b>	2021290051	<b>B01L 3 /-</b>	<b>B21D 28 /-</b>	2024201545	2019391712
2023250548	<b>B01D 53 /-</b>	2021207857	2020347470	<b>B25J 15 /-</b>	<b>B29C 64 /-</b>
<b>A61Q 17 /-</b>	2020337220	2024200174	<b>B21D 43 /-</b>	2020262441	2020315842
2020215661	2024418425	2024215528	2020347470	<b>B25J 19 /-</b>	2020331649
<b>A61Q 19 /-</b>	<b>B01D 63 /-</b>	<b>B01L 9 /-</b>	2020406622	2024201545	<b>B29C 65 /-</b>
2023250548	2020337220	2024200174	<b>B21D 51 /-</b>	<b>B25J 5 /-</b>	2022381690
2023263256	2022273827	2024215528	2020347470	2024201545	2023241085
<b>A62C 3 /-</b>	<b>B01F 23 /-</b>	<b>B02C 23 /-</b>	<b>B22D 21 /-</b>	<b>B25J 9 /-</b>	<b>B29C 67 /-</b>
2022459996	2020367766	2023446741	2024216279	2024201545	2021356186
<b>A62D 3 /-</b>	2022357347	<b>B02C 25 /-</b>	<b>B22F 3 /-</b>	<b>B25J 9 /-</b>	<b>B29C 70 /-</b>
2019343119	<b>B01D 63 /-</b>	2021477689	2020407868	2024201545	2020209954
<b>A63B 43 /-</b>	2020337220	<b>B02C 4 /-</b>	<b>B22F 5 /-</b>	<b>B26D 5 /-</b>	2020383077
2023241313	2022273827	2024215528	2020407868	2020347470	2020209954
<b>A63B 55 /-</b>	<b>B01F 35 /-</b>	<b>B03C 1 /-</b>	<b>B23B 51 /-</b>	<b>B26D 7 /-</b>	<b>B29D 99 /-</b>
2024200871	2020383884	2020330384	2020327961	2020347470	2024213139
<b>A63B 71 /-</b>	<b>B01J 16 /-</b>	2023387762	<b>B23D 17 /-</b>	2024203692	<b>B29K 105 /-</b>
2020226955	2020383884	<b>B03C 5 /-</b>	2022200165	<b>B26F 1 /-</b>	2019391712
<b>A63F 13 /-</b>	<b>B01J 19 /-</b>	2020330384	<b>B23D 31 /-</b>	2020347470	2020383077
2019202942	2020214700	2023387762	<b>B03D 1 /-</b>	2024203692	<b>B29K 511 /-</b>
2023266390	2020229450	<b>B03C 5 /-</b>	<b>B05B 1 /-</b>	<b>B27B 5 /-</b>	2024213139
2023270250	2020383884	2020330384	2020265097	2020265342	<b>B29K 705 /-</b>
2023270334	2022355995	<b>B03D 1 /-</b>	<b>B23D 45 /-</b>	<b>B29B 11 /-</b>	2023241085
2023274211	<b>B01J 20 /-</b>	<b>B05B 1 /-</b>	2020265342		
<b>A63F 9 /-</b>	2022346066	2024219324			
2024263822	2022355995				
<b>A63H 33 /-</b>	<b>B01J 21 /-</b>				

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<b><u>B29L 31 /-</u></b>	2023401728 2025205573 2025205578	2025201122	2025205578	<b><u>B64D 33 /-</u></b>	<b><u>B65D 33 /-</u></b>
2019391712 2023241085 2024213139	<b><u>B60G 9 /-</u></b>	2021200595	2018253481 2025205578 2025205579	2020268690	2023209182
<b><u>B29L 7 /-</u></b>	2023401728	<b><u>B60W 50 /-</u></b>	<b><u>B62D 63 /-</u></b>	<b><u>B64F 1 /-</u></b>	<b><u>B65D 37 /-</u></b>
2019391712	<b><u>B60K 1 /-</u></b>	2025201122	<b><u>B63B 1 /-</u></b>	2020403602	2019343119
<b><u>B32B 15 /-</u></b>	2023244261	<b><u>B60W 60 /-</u></b>	2022433835	<b><u>B64F 3 /-</u></b>	<b><u>B65D 39 /-</u></b>
2020314639 2020392113	<b><u>B60K 11 /-</u></b>	2023201664 2024200022	<b><u>B63B 21 /-</u></b>	2020403602	2024213139
<b><u>B32B 17 /-</u></b>	2023244261	<b><u>B61D 5 /-</u></b>	2019378179 2020392195	<b><u>B64G 1 /-</u></b>	<b><u>B65D 47 /-</u></b>
2020314639	<b><u>B60L 1 /-</u></b>	2023232837	<b><u>B63B 35 /-</u></b>	2020276300	2024219217
<b><u>B32B 21 /-</u></b>	<b><u>B60L 58 /-</u></b>	<b><u>B61D 7 /-</u></b>	2022433835	<b><u>B64U 50 /-</u></b>	<b><u>B65D 55 /-</u></b>
2020206671	2020311473	2023232837	<b><u>B63B 45 /-</u></b>	<b><u>B65B 13 /-</u></b>	2019391712 2020266758
<b><u>B32B 3 /-</u></b>	<b><u>B60N 2 /-</u></b>	<b><u>B61L 1 /-</u></b>	2022354957	2022209349 2023201293	<b><u>B65D 57 /-</u></b>
2020206671	2021373709 2022324710 2022351053	2022373959 2024200532	<b><u>B63B 59 /-</u></b>	<b><u>B65B 25 /-</u></b>	<b><u>B65D 71 /-</u></b>
<b><u>B32B 5 /-</u></b>	<b><u>B60P 1 /-</u></b>	<b><u>B61L 19 /-</u></b>	2020221904 2020392195 2023249873	2022264407	2022298810 2022304581
2020383077 2020392113 2023251005 2023352284	2018253481	2022373959	<b><u>B63B 77 /-</u></b>	<b><u>B65B 27 /-</u></b>	<b><u>B65D 81 /-</u></b>
<b><u>B32B 7 /-</u></b>	<b><u>B60P 3 /-</u></b>	2022373959 2024200532	2022433835	<b><u>B65B 29 /-</u></b>	2019343119 2024204391 2024219217 2024278211 2025202200
2020392113	2025200559 2025205579	<b><u>B61L 21 /-</u></b>	<b><u>B63C 1 /-</u></b>	2019343119	<b><u>B65B 3 /-</u></b>
<b><u>B33Y 50 /-</u></b>	<b><u>B60P 7 /-</u></b>	2024200532 2025201122	<b><u>B63J 2 /-</u></b>	2020219781	<b><u>B65D 83 /-</u></b>
2020331649	2024204045	<b><u>B61L 29 /-</u></b>	2020221904	<b><u>B65B 55 /-</u></b>	2020219781
<b><u>B42D 25 /-</u></b>	<b><u>B60Q 9 /-</u></b>	2025201122	<b><u>B64C 15 /-</u></b>	2022264407	<b><u>B65D 88 /-</u></b>
2020302979	2024200022	<b><u>B61L 3 /-</u></b>	2020268690	<b><u>B65D 1 /-</u></b>	2018253481 2025252503
<b><u>B60D 1 /-</u></b>	<b><u>B60R 15 /-</u></b>	2024200532	<b><u>B64C 21 /-</u></b>	2020325949 2023209182	<b><u>B65D 90 /-</u></b>
2023266252 2024204237	2025205579	<b><u>B61L 5 /-</u></b>	2020268690	<b><u>B65D 17 /-</u></b>	2018253481 2023232837 2025252503
<b><u>B60G 11 /-</u></b>	<b><u>B60R 16 /-</u></b>	2022373959	<b><u>B64C 23 /-</u></b>	2023241085	<b><u>B65F 1 /-</u></b>
2020209954 2022429870	2023286693	<b><u>B62B 7 /-</u></b>	2020268690	<b><u>B65D 21 /-</u></b>	2021261906
<b><u>B60G 13 /-</u></b>	<b><u>B60R 19 /-</u></b>	2024205769	<b><u>B64C 27 /-</u></b>	2020325949 2021261906	<b><u>B65G 1 /-</u></b>
2022429870	2020273971	<b><u>B62D 13 /-</u></b>	2020403602	<b><u>B65D 23 /-</u></b>	2021281101 2022288119
<b><u>B60G 15 /-</u></b>	<b><u>B60R 9 /-</u></b>	2025205578	<b><u>B64C 29 /-</u></b>	2019391712	<b><u>B65G 43 /-</u></b>
2020209954 2022429870	2020405641 2024264742	<b><u>B62D 21 /-</u></b>	2020268690	<b><u>B65D 25 /-</u></b>	2022344976
2025205573	<b><u>B60T 13 /-</u></b>	2020273971	<b><u>B64C 3 /-</u></b>	2021261906 2024204391	<b><u>B65G 65 /-</u></b>
<b><u>B60G 17 /-</u></b>	2020427367	<b><u>B62D 33 /-</u></b>	2020268690 2024219595	<b><u>B65D 27 /-</u></b>	2025252503
2022429870	<b><u>B60W 10 /-</u></b>	2020201400	<b><u>B64C 39 /-</u></b>	2019343119	<b><u>B65H 16 /-</u></b>
<b><u>B60G 21 /-</u></b>	2020203556	<b><u>B62D 55 /-</u></b>	2020403602	<b><u>B65D 30 /-</u></b>	2023262017
2025205573 2025205578	<b><u>B60W 30 /-</u></b>	2024219659	<b><u>B64D 27 /-</u></b>	2020268690 2020403602	
<b><u>B60G 7 /-</u></b>	2020203556 2023201664	<b><u>B62D 59 /-</u></b>			

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<b><u>B65H 20 /-</u></b>	2020272084 2020389304 2022407314 2023266324	<b><u>C04B 35 /-</u></b>	<b><u>C07C 211 /-</u></b>	2020342461	<b><u>C07D 251 /-</u></b>
2020347470		2022419255	2021327136	<b><u>C07C 41 /-</u></b>	2023358216
<b><u>B65H 23 /-</u></b>	<b><u>C01B 32 /-</u></b>	<b><u>C04B 7 /-</u></b>	<b><u>C07C 213 /-</u></b>	2020259813	<b><u>C07D 253 /-</u></b>
2020347470	2024200509	2022407140 2023326040	2020259726 2020265097	<b><u>C07C 67 /-</u></b>	2020266699
<b><u>B66B 13 /-</u></b>	<b><u>C01C 1 /-</u></b>	<b><u>C05B 7 /-</u></b>	<b><u>C07C 227 /-</u></b>	2020342461	<b><u>C07D 261 /-</u></b>
2022417825	2022380293 2023282308	2022427995	2020348089	<b><u>C07C 69 /-</u></b>	2020238493 2020291114 2021329993
<b><u>B66C 1 /-</u></b>	<b><u>C01D 15 /-</u></b>	<b><u>C05C 9 /-</u></b>	<b><u>C07C 229 /-</u></b>	2020245715	<b><u>C07D 265 /-</u></b>
2025252503	2022355995	2020358923 2022391186 2022427995	2020232008 2020348089 2022434120	<b><u>C07D 207 /-</u></b>	<b><u>C07D 265 /-</u></b>
<b><u>B66D 1 /-</u></b>	<b><u>C01G 41 /-</u></b>	<b><u>C05D 9 /-</u></b>	<b><u>C07C 231 /-</u></b>	2020291114 2020355384 2021377248	2024264576
2024227319	2020318082	2022391186 2022427995	2020259726 2020259813	<b><u>C07D 209 /-</u></b>	<b><u>C07D 273 /-</u></b>
<b><u>B66D 3 /-</u></b>	<b><u>C01G 49 /-</u></b>	<b><u>C05F 1 /-</u></b>	<b><u>C07C 235 /-</u></b>	2021323300 2021329993	2020311059
2020250321	2024266886	2022427995	2021377248 2022428605	<b><u>C07D 213 /-</u></b>	<b><u>C07D 275 /-</u></b>
<b><u>B66F 11 /-</u></b>	<b><u>C02F 1 /-</u></b>	<b><u>C05F 11 /-</u></b>	<b><u>C07C 237 /-</u></b>	2020322170 2021329993 2021377248 2022226825 2022428605	2021377248
2020253747 2020412747	2020221904 2020394503	2020290135 2022391186 2022427995 2024201475	2020259726 2020259813	<b><u>C07D 215 /-</u></b>	<b><u>C07D 277 /-</u></b>
<b><u>B66F 17 /-</u></b>	<b><u>C02F 101 /-</u></b>	<b><u>C05G 3 /-</u></b>	<b><u>C07C 253 /-</u></b>	2021329993	2021329993 2021377248
2019397171 2020412747 2023237083	2021232837	2020290135 2022427995	2020259726	<b><u>C07D 215 /-</u></b>	<b><u>C07D 285 /-</u></b>
<b><u>B66F 9 /-</u></b>	<b><u>C02F 3 /-</u></b>	<b><u>C05G 5 /-</u></b>	<b><u>C07C 271 /-</u></b>	2021329993	2021329993
2019397171 2020201400 2020412747 2022223127 2023237083 2023244261	2021232837	2020290135 2022427995	2022433635	<b><u>C07D 217 /-</u></b>	<b><u>C07D 295 /-</u></b>
<b><u>B67C 3 /-</u></b>	<b><u>C03C 12 /-</u></b>	<b><u>C05G 17 /-</u></b>	<b><u>C07C 273 /-</u></b>	2022433635	2022433635
2022357347	2020207845	2020290135 2020358923 2022391186 2022427995	2023358216	<b><u>C07D 221 /-</u></b>	<b><u>C07D 307 /-</u></b>
<b><u>B67D 1 /-</u></b>	<b><u>C03C 17 /-</u></b>	<b><u>C06B 25 /-</u></b>	<b><u>C07C 29 /-</u></b>	2021329993	2021329993
2020207845	2020346964	2020296310	2020272084 2020342461 2022305031	<b><u>C07D 231 /-</u></b>	<b><u>C07D 311 /-</u></b>
2021392053	<b><u>C03C 3 /-</u></b>	<b><u>C06B 43 /-</u></b>	<b><u>C07C 31 /-</u></b>	2020291114	2020236225
<b><u>B67D 7 /-</u></b>	<b><u>C03C 4 /-</u></b>	<b><u>C07C 1 /-</u></b>	<b><u>C07C 317 /-</u></b>	2020291114	<b><u>C07D 317 /-</u></b>
2020207845	2020207845	2021233959	2022428605	<b><u>C07D 233 /-</u></b>	2021329993 2022428605
2020219781 2021392053	<b><u>C04B 111 /-</u></b>	<b><u>C07C 11 /-</u></b>	<b><u>C07C 321 /-</u></b>	2021329993	<b><u>C07D 333 /-</u></b>
<b><u>B82Y 10 /-</u></b>	2020281843	2020296310	2022305031	<b><u>C07D 235 /-</u></b>	2021329993 2021377248
2024204410	<b><u>C04B 2 /-</u></b>	<b><u>C07C 1 /-</u></b>	<b><u>C07C 317 /-</u></b>	2020291114	<b><u>C07D 401 /-</u></b>
<b><u>B82Y 20 /-</u></b>	2023446741	2021233959	2022428605	<b><u>C07D 237 /-</u></b>	2020301399 2020324561 2020348089 2021323300 2021377248 2022270242 2022318349 2023270195 2023368731
2020324338	<b><u>C04B 24 /-</u></b>	<b><u>C07C 11 /-</u></b>	<b><u>C07C 321 /-</u></b>	2020266699 2021329993	<b><u>C07D 333 /-</u></b>
<b><u>B82Y 30 /-</u></b>	2024203457	2021233959	2021327136	<b><u>C07D 239 /-</u></b>	<b><u>C07D 401 /-</u></b>
2023251005 2024200509	<b><u>C04B 26 /-</u></b>	<b><u>C07C 17 /-</u></b>	<b><u>C07C 323 /-</u></b>	2021329993 2021377248 2023270195	2021329993 2021377248
<b><u>B82Y 40 /-</u></b>	2020281843	2020351687	2022428605	<b><u>C07D 241 /-</u></b>	<b><u>C07D 403 /-</u></b>
2024200509	2020281843	<b><u>C07C 209 /-</u></b>	<b><u>C07C 327 /-</u></b>	2021329993	2020324561 2020427632 2021377248 2022270242
<b><u>C01B 3 /-</u></b>	2022407140 2023326040	2020342461	2020298031 2020322170 2022428605	<b><u>C07D 249 /-</u></b>	
		<b><u>C07C 21 /-</u></b>	<b><u>C07C 37 /-</u></b>	2020291114	
		2020351687			

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2022318349		2019239633	2020315842	<b>C09D 133 /-</b>	2019444059
2023270195	<b>C07H 15 /-</b>	2019246983	2024215528		
<b>C07D 405 /-</b>	2020253391	2019257249		2020205289	<b>C10M 177 /-</b>
2020427632	<b>C07H 19 /-</b>	2019261933	<b>C08G 65 /-</b>	<b>C09D 163 /-</b>	2020263515
2023270195	2020267486	2019276486	2020368389	2019470142	<b>C10N 10 /-</b>
<b>C07D 409 /-</b>	<b>C07H 21 /-</b>	2019356573	<b>C08G 77 /-</b>	2020205289	2020263515
2022270242		2019358417		<b>C09D 167 /-</b>	<b>C10N 30 /-</b>
2023270195	2019325702	2019369771	2021431809	2020336073	2020263515
<b>C07D 413 /-</b>	2019376004	2020215682	<b>C08J 11 /-</b>	<b>C09D 175 /-</b>	<b>C10N 40 /-</b>
2020276695	2020267486	2020348916		2020205289	2020263515
2020324561	<b>C07J 5 /-</b>	2021214622	<b>C08J 3 /-</b>	<b>C09D 5 /-</b>	<b>C10N 50 /-</b>
2021323300	2020245715	2021320129		2019470142	2020263515
2021377248	<b>C07J 7 /-</b>	2021390123	2020315842	2020336073	<b>C10N 70 /-</b>
2024264576	2024227565	2021398871	2024343386	2020346964	2020263515
<b>C07D 417 /-</b>	<b>C07J 75 /-</b>	2021447156	<b>C08J 7 /-</b>	<b>C09D 7 /-</b>	<b>C11C 3 /-</b>
2021377248	2024227565	2022201375	2020346964	2020205289	2020263515
2022318349	<b>C07K 1 /-</b>	2022222423	<b>C08J 9 /-</b>	2020336073	<b>C11D 1 /-</b>
2023368731	2019250359	2022224335		2022286434	2020245715
<b>C07D 471 /-</b>	2020208934	2022259785	2020367398	<b>C09D 9 /-</b>	<b>C11D 17 /-</b>
2020291114	2020335905	2022291431	2021356186		2020405093
2021329993	<b>C07K 14 /-</b>	2022341090	2023352284	<b>C09K 11 /-</b>	2022258722
2021377248		2023200883	<b>C08K 3 /-</b>	2022226825	<b>C11D 3 /-</b>
2023270195	2019250359	2023202654		2020318082	2022258722
<b>C07D 473 /-</b>	2019257249	2023210592	<b>C08K 5 /-</b>	<b>C09K 3 /-</b>	<b>C11D 7 /-</b>
2022350562	2019258830	2024203402		2020336073	2020405093
<b>C07D 487 /-</b>	2019284320	<b>C07K 19 /-</b>	2019392423	<b>C08K 9 /-</b>	<b>C11D 11 /-</b>
2020338043	2019350521	2019374363	2020236225	2020336073	2022258722
2021377248	2019355062	2021398871	2020318082	<b>C08K 3 /-</b>	<b>C11D 17 /-</b>
2022313345	2020215682	<b>C07K 7 /-</b>	2020336073	2020318082	2020405093
2022318349	2020231810		<b>C08K 5 /-</b>	<b>C09K 5 /-</b>	<b>C11D 3 /-</b>
2022343903	2020243431	2020368389		2019443786	2022258722
<b>C07D 491 /-</b>	2020243588	2023409213	2019392423	2019444059	<b>C11D 7 /-</b>
2021329993	2020253391	2024227641	2020204181	2020332868	2020405093
<b>C07D 495 /-</b>	2020254415	<b>C08B 30 /-</b>	2020346964	2020351687	<b>C11D 11 /-</b>
2021377248	2020296337	2019389786		2020389304	<b>C12C 11 /-</b>
<b>C07D 498 /-</b>	2020310003	<b>C08B 37 /-</b>	<b>C08K 9 /-</b>	2021357829	2020333379
2022318349	2020339732	2019389786	2020336073	2021358525	2020333379
<b>C07D 495 /-</b>	2020348916	2020367766	<b>C08L 33 /-</b>	<b>C09K 8 /-</b>	<b>C12C 12 /-</b>
2021329993	2020352574	2023375280		2022369879	2020338812
2021377248	2020371294	<b>C08F 212 /-</b>	2020205289	2024205790	<b>C12M 1 /-</b>
<b>C07D 498 /-</b>	2020378186	2024203457	2024343386	<b>C09K 8 /-</b>	<b>C12N 1 /-</b>
2022318349	2022271441	<b>C08F 220 /-</b>		2022369879	2021391555
<b>C07D 513 /-</b>	2022291431	2024203457	<b>C08L 63 /-</b>	2024205790	<b>C12N 1 /-</b>
2022318349	2022392980	2024343386		<b>C10G 2 /-</b>	<b>C12M 1 /-</b>
2023368731	2022420130	<b>C08F 283 /-</b>	2020205289	2020272084	2021391555
<b>C07D 515 /-</b>	2023203000	2024203457	<b>C08L 67 /-</b>	2020342461	<b>C12N 1 /-</b>
2021381437	2023210592	2024203457		<b>C10J 3 /-</b>	<b>C12N 1 /-</b>
<b>C07F 9 /-</b>	2023266307	<b>C08F 8 /-</b>	2020315842	2020331697	2019369771
2020267486	2023270286	2024343386	2024215528	<b>C10M 117 /-</b>	2021300883
<b>C07H 1 /-</b>	2023285909	<b>C08G 18 /-</b>	<b>C08L 71 /-</b>	2020263515	2023285909
2019325702	2023289270	2020204181		<b>C10M 161 /-</b>	2024234064
	2024201667	<b>C08G 59 /-</b>	2020205289	2021302154	2018201932
	2024203888	2019470142	<b>C08L 83 /-</b>	<b>C10M 171 /-</b>	2018392480
	2024205812	<b>C08G 63 /-</b>		2019443786	2019258830
			2020315842		2019276360
			2024215528		2019276486
			2020205289		2019284320
			2021431809		

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2019320771	<b>C12P 13 /-</b>	2024278104	<b>C23F 13 /-</b>		2020273971
2019322911				<b>D06F 29 /-</b>	<b>E02B 15 /-</b>
2019325702	2022211934	<b>C22B 11 /-</b>	2024201973	2022339127	2024278211
2019350521				<b>D06F 33 /-</b>	<b>E02B 17 /-</b>
2019369771	<b>C12P 19 /-</b>	2022452747	<b>C25B 1 /-</b>	2019394072	2020392195
2019398101		2023288938		<b>D06F 34 /-</b>	<b>E02B 3 /-</b>
2019406702	2019376004		2020272084	2022300773	2020392195
2020215682	2024201518	<b>C22B 23 /-</b>	2020313943	2023387767	
2020247133			2022400330		
2020254415	<b>C12P 21 /-</b>	2023446740	2022445675		
2020276243		2023446741	2022447788		
2020296337	2019314484		2023231737		
2020302789	2019369771	<b>C22B 26 /-</b>	2023282308		
2020311364	2020378186			<b>D06F 39 /-</b>	<b>E02C 1 /-</b>
2020345441	2021447156	2022346066	<b>C25B 11 /-</b>	2019394072	2020392195
2020353279				2020219781	
2020371294	<b>C12P 23 /-</b>	<b>C22B 3 /-</b>	2020313943		
2021214622			2024205773		
2021390123	2025267328	2023446740		<b>D06F 58 /-</b>	<b>E02D 13 /-</b>
2021398871			<b>C25B 13 /-</b>	2022300773	2020383430
2021447156	<b>C12Q 1 /-</b>	<b>C22B 5 /-</b>		2022339127	<b>E02D 19 /-</b>
2022211934			2024205775		
2022423988	2019261933	2020356139		<b>D06F 81 /-</b>	2025259836
2023200883	2019263869	2023387762	<b>C25B 15 /-</b>	2024203984	<b>E02D 27 /-</b>
2023201088	2019266303				
2023203000	2019269739	<b>C22B 7 /-</b>	2022445675		
2023285909	2019312877		2023231737	<b>D06M 17 /-</b>	2020296242
2024200717	2019320771	2022452747		2020383077	2022354113
	2020252417	2023288938	<b>C25B 3 /-</b>		
<b>C12N 5 /-</b>	2020279106				
	2020298038	<b>C22C 1 /-</b>	2020313943	<b>D06N 7 /-</b>	<b>E02D 29 /-</b>
	2020327583			2024202368	2020296242
2019311859	2020348916	2024216279	<b>C25B 9 /-</b>		2024201313
2019339508	2021391555			<b>D21B 1 /-</b>	<b>E02D 3 /-</b>
2019369771	2023219189	<b>C22C 19 /-</b>	2020313943	2022348509	2025259836
2020212386	2024202089		2022447788		
2020231810		2024203299	2023231737		
2020287269	<b>C12R 1 /-</b>	<b>C22C 23 /-</b>	2024205773		
2020294797			2024205775	<b>D21C 5 /-</b>	<b>E02D 5 /-</b>
2020314137	2020338812	2024216279		2022348509	2020383430
2020345441	2023285909		<b>C25C 3 /-</b>		
2021398871	2024201475	<b>C22C 29 /-</b>	2020289191	<b>D21H 17 /-</b>	<b>E02D 7 /-</b>
2022201375	2024234064			2020258071	2020383430
2023201088	2025267328	2020407868	<b>C40B 50 /-</b>		
2023210592				<b>D21H 19 /-</b>	<b>E02F 3 /-</b>
2024203888	<b>C21B 13 /-</b>	<b>C22C 30 /-</b>	2019266303	2020258071	2020277289
2024343386				2020302979	2021230903
	2020356139	2024203299	<b>D04H 1 /-</b>		2023320358
<b>C12N 7 /-</b>	2024266886	<b>C22C 38 /-</b>	2024202368	<b>D21H 21 /-</b>	<b>E02F 9 /-</b>
2019258830	<b>C21B 3 /-</b>	2023227032	<b>D04H 11 /-</b>	2020258071	2020370865
2020215682				2020302979	2023432223
2020247133	2024266886	<b>C23C 24 /-</b>	2024202368	<b>D21J 3 /-</b>	
2020312725				2023232472	<b>E03B 3 /-</b>
2021395881	<b>C21B 7 /-</b>	2020407868	<b>D04H 3 /-</b>	2024203692	2019392204
2023201088					2024205848
2023203000	2024266886	<b>C23C 26 /-</b>	2020370666	<b>D21J 7 /-</b>	<b>E03D 11 /-</b>
<b>C12N 9 /-</b>	<b>C21D 1 /-</b>	2020407868	<b>D05C 17 /-</b>	2024203692	2025205579
2019276360	2020407868	2020407868	2024202368		
2019276370	2023227032	<b>C23C 30 /-</b>		<b>E01B 25 /-</b>	<b>E03F 11 /-</b>
2019314484				2022288119	2024205848
2019398101	<b>C21D 7 /-</b>	2020407868	<b>D06F 103 /-</b>		
2020268752				<b>E01C 11 /-</b>	
2020280977	2020407868	<b>C23C 8 /-</b>	2019394072	2022354113	<b>E03F 5 /-</b>
2020287084					
2020302789	<b>C21D 9 /-</b>	2020356139	<b>D06F 105 /-</b>	<b>E01F 15 /-</b>	2024205848
2020335905					
2022211934	2020407868	<b>C23F 11 /-</b>	2019394072		
2023254972					
2023289270	<b>C22B 1 /-</b>	2020332868	<b>D06F 25 /-</b>		
2024278420		2022286434			
	2023387762		2022339127		
	2024266886				

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<b><u>E04B 1 /-</u></b>	<b><u>E04G 25 /-</u></b>	<b><u>E06B 1 /-</u></b>	2020483334 2023224191	<b><u>F02B 23 /-</u></b>	2020214524
2018253481 2019409986 2021388926 2021479892 2023366048 2024205848 2025204701	2024202621	<b><u>E21B 41 /-</u></b>	2024202621 2025226842	2023269454	<b><u>F04C 2 /-</u></b>
	<b><u>E04H 1 /-</u></b>	<b><u>E06B 3 /-</u></b>	<b><u>E21B 43 /-</u></b>	<b><u>F02C 3 /-</u></b>	2020214524
	2018253481 2023366048 2025202880 2025204701	2025226842	2020481933 2021388162 2022369879	2020369233 2022445346	<b><u>F04D 25 /-</u></b>
<b><u>E04B 2 /-</u></b>	<b><u>E04H 15 /-</u></b>	<b><u>E06B 5 /-</u></b>	<b><u>E21B 44 /-</u></b>	<b><u>F02C 6 /-</u></b>	2023412371
2023316901 2024201313 2024202621	2023387773 2025200559	2025226842	2020461229 2020481642 2020481933 2020483334 2021388162 2021479974 2023357857	2022446945	<b><u>F04D 29 /-</u></b>
<b><u>E04B 5 /-</u></b>	<b><u>E04H 4 /-</u></b>	<b><u>E06B 7 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F02C 6 /-</u></b>	2023305897
2022354113	2024203751	2023289275	2020288450 2022263521 2023222660	2020268690 2022445346	<b><u>F04F 1 /-</u></b>
<b><u>E04B 7 /-</u></b>	<b><u>E04H 6 /-</u></b>	<b><u>E06B 9 /-</u></b>	<b><u>E21B 49 /-</u></b>	<b><u>F02C 7 /-</u></b>	2023357857
2025204701	2025204701	2019271932 2020230290	2024227509	2022446945	<b><u>F04F 13 /-</u></b>
<b><u>E04B 9 /-</u></b>	<b><u>E04H 7 /-</u></b>	<b><u>E21B 15 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F02C 7 /-</u></b>	2023357857
2019409986	2024205848	2020277289	2020288450 2022263521 2023222660	2020208861 2022445346	<b><u>F15B 15 /-</u></b>
<b><u>E04C 1 /-</u></b>	<b><u>E04H 9 /-</u></b>	<b><u>E21B 17 /-</u></b>	<b><u>E21B 47 /-</u></b>	<b><u>F02D 41 /-</u></b>	2019397171 2020370865 2021223123
2024201313	2023267039	2020365029 2020481927 2021385569 2021388162	<b><u>E21B 7 /-</u></b>	2024205151	<b><u>F16B 21 /-</u></b>
<b><u>E04C 2 /-</u></b>	<b><u>E05B 17 /-</u></b>	<b><u>E21B 19 /-</u></b>	2020277289 2020365029 2020481927 2025204483	<b><u>F02F 3 /-</u></b>	2023401728
2020206671 2022354113 2023316901	2021368607	2020277289 2021216540 2021358018 2024227509 2024259691	<b><u>E21C 35 /-</u></b>	2023269454	<b><u>F16B 23 /-</u></b>
<b><u>E04C 3 /-</u></b>	<b><u>E05B 65 /-</u></b>	<b><u>E21B 21 /-</u></b>	2021200595	<b><u>F02K 1 /-</u></b>	2020409425
2022354113	2021368607 2025226842	2020365029 2020481933	<b><u>E21C 50 /-</u></b>	2020268690	<b><u>F16B 5 /-</u></b>
<b><u>E04C 5 /-</u></b>	<b><u>E05C 17 /-</u></b>	<b><u>E21B 23 /-</u></b>	2023357857	<b><u>F02N 11 /-</u></b>	2022431406
2022354113	2024205717	2020341059 2020481642	<b><u>E21D 11 /-</u></b>	2024266725	<b><u>F16C 32 /-</u></b>
<b><u>E04F 10 /-</u></b>	<b><u>E05D 11 /-</u></b>	<b><u>E21B 25 /-</u></b>	2020394800 2023262017	<b><u>F03B 11 /-</u></b>	2020208861
2025204701	2024205717	2022263521	<b><u>E21D 19 /-</u></b>	2020208861	<b><u>F16F 1 /-</u></b>
<b><u>E04F 11 /-</u></b>	<b><u>E05D 15 /-</u></b>	<b><u>E21B 29 /-</u></b>	2023262017	<b><u>F03D 7 /-</u></b>	2020209954
2020210177	2024205717	2020296310 2020481927 2023222660	<b><u>E21F 17 /-</u></b>	2020409898	<b><u>F16F 9 /-</u></b>
<b><u>E04F 13 /-</u></b>	<b><u>E05D 3 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>E21F 17 /-</u></b>	<b><u>F03D 80 /-</u></b>	2019378179 2020370865 2022429870
2020304915 2021214893 2021479892 2022467173 2023266225	2025226842	2020461229 2020481642 2022369879 2023222660	2020340475 2025204483	2020208861 2020409898 2022466590	<b><u>F16J 15 /-</u></b>
<b><u>E04G 1 /-</u></b>	<b><u>E05D 7 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F01D 25 /-</u></b>	<b><u>F03D 9 /-</u></b>	2020345693
2020253747	2024205717	2020296310 2020481927 2023222660	2023212969	2020211588	<b><u>F16K 15 /-</u></b>
<b><u>E04G 11 /-</u></b>	<b><u>E05F 1 /-</u></b>	<b><u>E21B 33 /-</u></b>	<b><u>F01D 9 /-</u></b>	<b><u>F04B 15 /-</u></b>	2020209794
2024202621 2024205848	2021224839	2020461229 2020481642 2022369879 2023222660	2023212969	2023357857	2020209794
<b><u>E04G 17 /-</u></b>	<b><u>E05F 11 /-</u></b>	<b><u>E21B 34 /-</u></b>	<b><u>F01K 25 /-</u></b>	<b><u>F04B 39 /-</u></b>	<b><u>F16K 24 /-</u></b>
2024202621 2024205848	2024205717	2020446573 2020461229 2020481642 2020481927	2020369233	2021357829 2021358525	2020400387
<b><u>E04G 17 /-</u></b>	<b><u>E05F 15 /-</u></b>	<b><u>F01K 9 /-</u></b>	<b><u>F01K 9 /-</u></b>	<b><u>F04B 9 /-</u></b>	<b><u>F16K 27 /-</u></b>
2020230290	2020230290	2022446945	2022446945	2023357857	2020446573
2024202621	<b><u>E05F 5 /-</u></b>			<b><u>F04C 15 /-</u></b>	<b><u>F16K 37 /-</u></b>
2024202621	2024205717				

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2020209794 2020212460 <b>F16K 47/-</b>	2020330384 <b>F23B 30/-</b>	2021358525 <b>F25B 21/-</b>	2021210124 <b>F28D 9/-</b>	<b>G01F 15/-</b>	<b>G01N 33/-</b>
2023266238 <b>F16K 5/-</b>	2020404914 <b>F23C 10/-</b>	2025259836 <b>F25B 47/-</b>	2020214700 <b>F28F 1/-</b>	2024219961 <b>G01F 23/-</b>	2019225237 2019239633 2019269739 2019276486 2019314484 2019339508 2019370485 2020212386 2020243431 2020252417 2020254517 2020287269 2020309580 2020315834 2020368389 2021207857 2021401749 2021410547 2022226825 2023409213 2024201506 2024203402 2024203888 2024205538 2024215528 2025237927
2020231919 <b>F16L 1/-</b>	2021463727 2022343893 <b>F23C 13/-</b>	2020328033 <b>F25B 7/-</b>	2021210124 <b>F28F 13/-</b>	2021324653 <b>G01F 25/-</b>	2020212386 2020243431 2020252417 2020254517 2020287269 2020309580 2020315834 2020368389 2021207857 2021401749 2021410547 2022226825 2023409213 2024201506 2024203402 2024203888 2024205538 2024215528 2025237927
2020296242 <b>F16L 13/-</b>	2023266324 <b>F23G 5/-</b>	2020328033 <b>F25D 17/-</b>	2021210124 <b>F28F 19/-</b>	2021477585 <b>G01F 19/-</b>	2020252417 2020254517 2020287269 2020309580 2020315834 2020368389 2021207857 2021401749 2021410547 2022226825 2023409213 2024201506 2024203402 2024203888 2024205538 2024215528 2025237927
2020322195 2020388644 <b>F16L 27/-</b>	2020331697 <b>F23K 3/-</b>	2023289275 <b>F25D 21/-</b>	2021210124 <b>F28F 21/-</b>	2019397171 <b>G01H 9/-</b>	2020287269 2020309580 2020315834 2020368389 2021207857 2021401749 2021410547 2022226825 2023409213 2024201506 2024203402 2024203888 2024205538 2024215528 2025237927
2020380191 <b>F16L 3/-</b>	2020404914 <b>F23K 5/-</b>	2020328033 <b>F25D 23/-</b>	2024203299 <b>F28F 5/-</b>	2023285946 <b>G01J 3/-</b>	2021401749 2021410547 2022226825 2023409213 2024201506 2024203402 2024203888 2024205538 2024215528 2025237927
2020296242 <b>F16L 33/-</b>	2022446945 <b>F23L 17/-</b>	2020356360 2023241366 2023289275 <b>F25D 25/-</b>	2021210124 <b>F41G 1/-</b>	2020372414 <b>G01L 7/-</b>	2020315834 2020368389 2021207857 2021401749 2021410547 2022226825 2023409213 2024201506 2024203402 2024203888 2024205538 2024215528 2025237927
2020388644 <b>F16L 37/-</b>	2020268690 <b>F23N 1/-</b>	2023289275 <b>F25D 29/-</b>	2024240124 <b>G01B 11/-</b>	2019451647 <b>G01M 17/-</b>	<b>G01N 35/-</b>
2020380191 2023320358 2024263735 <b>F16L 39/-</b>	2020231919 2020404914 <b>F23N 5/-</b>	20203301836 <b>F26B 11/-</b>	2020353716 2023285946 2024201033 <b>G01B 21/-</b>	2023285946 <b>G01M 3/-</b>	2021260963 2021391555 2024200174
2023305897 <b>F16L 53/-</b>	2021463727 2022343893 <b>F24C 15/-</b>	2020402128 2020432224 <b>F26B 17/-</b>	2020353716 <b>G01B 3/-</b>	2021401749 <b>G01N 1/-</b>	2024205367 <b>G01R 19/-</b>
2023305897 <b>F16L 55/-</b>	2020227051 <b>F24D 19/-</b>	2020402128 <b>F26B 25/-</b>	2020353716 <b>G01B 7/-</b>	2020390567 2020434216 2021205957 2021324653 2025237927	2024202953 <b>G01R 21/-</b>
2020263268 2020323946 2020400387 <b>F16L 59/-</b>	2020400387 <b>F24F 13/-</b>	2020432224 <b>F26B 3/-</b>	2020288450 2020353716 <b>G01B 9/-</b>	2020422226 2023270339 <b>G01N 15/-</b>	2024205367 <b>G01R 31/-</b>
2023352284 <b>F16L 9/-</b>	2022459996 <b>F24F 5/-</b>	2024203692 <b>F26B 5/-</b>	2023285946 <b>G01C 15/-</b>	2020422226 2023270339 <b>G01N 21/-</b>	2019437430 2024202777 2024203454 2024205367
2019392423 <b>F16M 11/-</b>	2022459996 <b>F24H 9/-</b>	2022215218 <b>F26B 7/-</b>	2023223693 <b>G01C 21/-</b>	2020338951 2020372414 2021391555 2022226825 2022344976 2022431237 2024201033 2024270639 2025237927	2024205367 <b>G01S 13/-</b>
2019471046 2022282156 <b>F16N 11/-</b>	2023383415 <b>F24S 20/-</b>	2020432224 <b>F28D 11/-</b>	2020288125 2024200491 <b>G01D 18/-</b>	2020338951 2020372414 2021391555 2022226825 2022344976 2022431237 2024201033 2024270639 2025237927	2020340475 2022276981 <b>G01S 15/-</b>
2020242868 <b>F17C 13/-</b>	2020220833 2024203299 <b>F24S 23/-</b>	2021210124 <b>F28D 20/-</b>	2020284312 <b>G01D 4/-</b>	2020422226 2023270339 <b>G01N 27/-</b>	2019395915 <b>G01S 17/-</b>
2020390567 2022312158 <b>F17D 5/-</b>	2020220833 <b>F24S 40/-</b>	2020389304 2023282308 <b>F28D 21/-</b>	2024219961 <b>G01F 1/-</b>	2021205957 2022226825 2024203454	2022431237 2023201664 2024200491 2024201545
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<b><u>G01S 3 /-</u></b>		<b><u>G06F 21 /-</u></b>	<b><u>G06N 99 /-</u></b>	<b><u>G08B 13 /-</u></b>	2020351825 2021233926
2024202738	<b><u>G05B 13 /-</u></b>	2019202933	2024204410	2024304600	
<b><u>G01S 5 /-</u></b>	2020254517	2019202942	<b><u>G06Q 10 /-</u></b>	<b><u>G08B 17 /-</u></b>	<b><u>G16B 50 /-</u></b>
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2021209822	<b><u>G05B 15 /-</u></b>	2022370457	2024204770		2022419939
2022276981	2020230290	2024204413	2024304600	<b><u>G08B 21 /-</u></b>	<b><u>G16C 10 /-</u></b>
<b><u>G01S 7 /-</u></b>	2020346889	<b><u>G06F 3 /-</u></b>	<b><u>G06Q 20 /-</u></b>	2020340475	2024203301
2023271697	<b><u>G05B 17 /-</u></b>	2020346889	2025202797	<b><u>G08B 25 /-</u></b>	<b><u>G16H 10 /-</u></b>
<b><u>G01V 1 /-</u></b>	2020230290	2023254054	<b><u>G06Q 30 /-</u></b>	2020221608	2020309580
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<b><u>G01V 8 /-</u></b>	2025200239	2024202769	2023270250	2020221608	<b><u>G16H 20 /-</u></b>
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<b><u>G01W 1 /-</u></b>	2020315567	2024204396	2025202797	2020221608	2020288436
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<b><u>G02B 1 /-</u></b>	2020309580	2024205611	2024219929	<b><u>G08G 1 /-</u></b>	2024278555
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<b><u>G02B 23 /-</u></b>	2021218647	2025271328	2020397963	2025201122	2021458236
2024201033	2022223127	<b><u>G06F 7 /-</u></b>	2022370457	<b><u>G08G 5 /-</u></b>	<b><u>G16H 40 /-</u></b>
2024259861	2022369383	2021209048	<b><u>G06T 11 /-</u></b>	2020288125	2020288436
<b><u>G02B 27 /-</u></b>	2024201545	<b><u>G06F 8 /-</u></b>	2022350959	<b><u>G09F 3 /-</u></b>	2023241380
2024202769	<b><u>G05D 7 /-</u></b>	2023248094	<b><u>G06T 15 /-</u></b>	2024203285	<b><u>G16H 50 /-</u></b>
2024223974	2023202617	2024204770	2023202098	<b><u>G09G 3 /-</u></b>	2019441740
<b><u>G02B 5 /-</u></b>	<b><u>G06F 1 /-</u></b>	<b><u>G06F 9 /-</u></b>	<b><u>G06T 19 /-</u></b>	2024203285	2020346420
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2020302979	2020366314	2024205611	2024202769	2020208861	<b><u>H01F 7 /-</u></b>
2020324338	<b><u>G06F 11 /-</u></b>	2025252511	<b><u>G06T 7 /-</u></b>	2024205134	<b><u>H01G 9 /-</u></b>
2020393381	2023254054	<b><u>G06K 7 /-</u></b>	2020351825	<b><u>G10H 1 /-</u></b>	2021255681
2022273110	2024204770	2020353716	2020402644	2023204033	<b><u>H01H 83 /-</u></b>
<b><u>G02B 6 /-</u></b>	<b><u>G06F 13 /-</u></b>	<b><u>G06N 10 /-</u></b>	2023201664	<b><u>G10L 17 /-</u></b>	2020227109
2020364215	2025271324	2023248094	2024202738	2023263421	<b><u>H01J 49 /-</u></b>
<b><u>G02B 7 /-</u></b>	2025271328	2023258314	<b><u>G06V 10 /-</u></b>	<b><u>G10L 19 /-</u></b>	2024278284
2024201545	<b><u>G06F 15 /-</u></b>	<b><u>G06N 20 /-</u></b>	2019441740	2024278139	<b><u>H01L 21 /-</u></b>
<b><u>G02C 7 /-</u></b>	2025271328	2020254517	<b><u>G06V 20 /-</u></b>	<b><u>G11B 27 /-</u></b>	2020260735
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2020393381	2020334053	2023202098	<b><u>G06V 40 /-</u></b>	<b><u>G16B 20 /-</u></b>	2022354957
2020416057	2021370972	2023258314	2024200022	2022419939	<b><u>H01M 10 /-</u></b>
2020418360	2022430110	2024204770	<b><u>G07D 7 /-</u></b>	<b><u>G16B 25 /-</u></b>	2020354063
<b><u>G02F 1 /-</u></b>	2024204085	<b><u>G06N 3 /-</u></b>	2023220920	2021233926	2022355995
2020324338	2024219929	2020254517	<b><u>G07F 17 /-</u></b>	<b><u>G16B 30 /-</u></b>	2022428445
2024203088	2025201122	2020351825	2019232939	2024203301	<b><u>H01M 4 /-</u></b>
<b><u>G03B 17 /-</u></b>	<b><u>G06F 17 /-</u></b>	2023202098	2023266390	<b><u>G16B 40 /-</u></b>	2024201197
2024201545	2022431237	2023271697	2023270250	2020274091	<b><u>H01M 50 /-</u></b>
<b><u>G04G 9 /-</u></b>	<b><u>G06F 18 /-</u></b>	<b><u>G06N 5 /-</u></b>	2023274211		
2023285697	2021218647	2024201688			
	2023201664	<b><u>G06N 7 /-</u></b>			
		2020254517			

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<b><u>H01M 8 /-</u></b>	2020397963	2023286693	<b><u>H04N 21 /-</u></b>	2020381558	2022428735
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2020296082	<b><u>H02J 7 /-</u></b>	2023312212	2024201545	<b><u>H04W 72 /-</u></b>	2024203088
<b><u>H01P 7 /-</u></b>	2022282156	2024203041	2025267532		
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<b><u>H01Q 1 /-</u></b>	2024266725	2022479851	2022429021	2022440578	
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<b><u>H01Q 13 /-</u></b>	2023365459	2022422676	2020304350		2022470177
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<b><u>H01Q 9 /-</u></b>	<b><u>H02M 7 /-</u></b>	<b><u>H04L 67 /-</u></b>	<b><u>H04R 25 /-</u></b>	2024202907	
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<b><u>H01R 13 /-</u></b>	2019271932	2022419939	<b><u>H04S 7 /-</u></b>	<b><u>H04W 84 /-</u></b>	
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		2024203549			

**Opposition Proceedings**

(The name in parentheses is that of the opponent)

**Opposition Lodged**

2024204351 **Caterpillar Inc.** ( CQMS Pty Ltd )

**Opposition Withdrawn**

2018256574 **Britax Romer Kindersicherheit GmbH** ( Dorel Australia Pty Ltd )

2018278936 **Britax Romer Kindersicherheit GmbH** ( Dorel Australia Pty Ltd )

**Patents Granted**

**Standard Patents**

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**Patents Granted**

**Standard Patents**

2020369157 2020370748 2020371043 2020376316  
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 2025205208 2025205449 2025205534

**Innovation Patents**

2025100020

**Assignments Registered**

2006209547 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratoires Servier**

2006265624 ACESSA HEALTH INC. The patent has been assigned to **Hologic, Inc.**

**Assignments Registered**

2010262034 Hexagon Technology Center GMBH The patent has been assigned to **Hexagon Innovation Hub GmbH**

2011203707 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2011293852 Materia, Inc. The patent has been assigned to **Exxon-Mobil Product Solutions Company**

2011318589 Global Filtration Systems, a dba of Gulf Filtration Systems Inc. The patent has been assigned to **SPRINTRAY, INC.**

2011329607 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2011384857 BeiGene, Ltd. The patent has been assigned to **BeOne Medicines I GmbH**

2011384857 BeOne Medicines I GmbH The patent has been assigned to **BeOne Medicines I GmbH**

2012212488 Global Filtration Systems, a DBA of Gulf Filtration Systems Inc. The patent has been assigned to **SPRINTRAY, INC.**

2012271297 Materia, Inc. The patent has been assigned to **Exxon-Mobil Product Solutions Company**

2012295841 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2012349897 Greengage Lighting Limited The patent has been assigned to **Rol-Tech-Mar SP. Z O.O.**

2013213564 ESTEVE PHARMACEUTICALS, S.A; Fundacio Privada Institut de Recerca de la Sida - Caixa The patent has been assigned to **CORPORACIÓN QUÍMICO-FARMACÉUTICA ESTEVE S.A.; FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA – CAIXA**

2013219296 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2013219382 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2013222070 Caliber Imaging & Diagnostics, Inc. The patent has been assigned to **AURAD GmbH**

2013302966 Lucid, Inc. The patent has been assigned to **AURAD GmbH**

2013308573 TenCate Advanced Armor Design, Inc. The patent has been assigned to **Integris Composites, Inc.**

2013341400 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2013346583 Sustainable Marine Energy Limited The patent has been assigned to **reconcept GmbH**

2013377903 TenCate Advanced Armor Design, Inc. The patent has been assigned to **Integris Composites, Inc.**

2013407370 Ramirez Velazquez, Edgardo The patent has been assigned to **Velazquez Mosqueda, Jose**

2014228926 Materia, Inc. The patent has been assigned to **Exxon-Mobil Product Solutions Company**

2014245146 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2014245147 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

**Assignments Registered**

2014274970 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2014282281 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2014285077 Materia, Inc. The patent has been assigned to **Exxon-Mobil Product Solutions Company**

2014301816 BeiGene, Ltd. The patent has been assigned to **BeOne Medicines I GmbH**

2014302626 Materia, Inc. The patent has been assigned to **Exxon-Mobil Product Solutions Company**

2014308610 IDEMIA Identity & Security USA LLC The patent has been assigned to **IDEMIA Civil Identity NA LLC**

2014316030 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2014345358 Greengage Lighting Limited The patent has been assigned to **Rol-Tech-Mar SP. Z O.O.**

2015203080 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2015218851 Global Filtration Systems, a dba of Gulf Filtration Systems Inc. The patent has been assigned to **SPRINTRAY, INC.**

2015242786 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2015242788 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2015256153 Caliber Imaging & Diagnostics, Inc. The patent has been assigned to **AURAD GmbH**

2016200633 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2016248376 BeiGene, Ltd. The patent has been assigned to **BeOne Medicines I GmbH**

2016273813 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2016289408 Oncoinvent AS The patent has been assigned to **Oncoinvent Solutions AS**

2016291761 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2016299271 Frost, Habib The patent has been assigned to **Valinor Aps**

2016381369 Nikola Corporation The patent has been assigned to **Hyroad Networks LLC**

2016381824 Idemia Identity and Security USA LLC The patent has been assigned to **IDEMIA Civil Identity NA LLC**

2017203780 Isolyx, LLC The patent has been assigned to **Catapult Sports Inc.**

2017205531 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2017208215 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

**Assignments Registered**

2017208808 Sustainable Marine Energy Limited The patent has been assigned to **reconcept GmbH**

2017215825 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2017221747 IDEMIA Identity & Security USA LLC The patent has been assigned to **IDEMIA Civil Identity NA LLC**

2017264758 Nikola Corporation The patent has been assigned to **Hyroad Networks LLC**

2017264868 Isolynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2017292892 Simcharacters GmbH The patent has been assigned to **Laerdal Medical AS**

2017293423 BeiGene, Ltd. The patent has been assigned to **BeOne Medicines I GmbH**

2017294791 FTR Labs Pty Ltd The patent has been assigned to **FTR, LTD.**

2017340293 Shanghai Dida Biotechnology Co., Ltd. The patent has been assigned to **Chen, Jing**

2017341708 Caliber Imaging & Diagnostics, Inc. The patent has been assigned to **AURAD GmbH**

2018202465 Vivasor, Inc. The patent has been assigned to **China Oncology Focus Limited**

2018203264 ESTEVE PHARMACEUTICALS, S.A; Fundacio Privada Institut de Recerca de la Sida - Caixa The patent has been assigned to **CORPORACIÓN QUÍMICO-FARMACÉUTICA ESTEVE S.A.; FUNDACIO PRIVADA INSTITUT DE RECERCA DE LA SIDA – CAIXA**

2018203922 Norwood Industries Inc. The patent has been assigned to **Norwood Industries (Canada) Inc.**

2018219967 Taiho Pharmaceutical Co., Ltd. The patent has been assigned to **Les Laboratories Servier**

2018222928 Isolynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2018225285 ZeaVision, LLC The patent has been assigned to **PRN Physician Recommended Nutraceuticals LLC**

2018226448 FTR Labs Pty Ltd The patent has been assigned to **FTR, LTD.**

2018332812 Sleepme Inc. The patent has been assigned to **Sleep Solutions Inc.**

2018333356 MB Pharma s.r.o. The patent has been assigned to **MB PHARMA GROUP s.r.o.**

2018344763 Wilson, Jennifer The patent has been assigned to **BabyDink Vision IP Pty Ltd**

2019100652 Dermapenworld FZ LLE The patent has been assigned to **Richards Health Group Pte Ltd**

2019200285 Isolynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2019200287 Isolynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2019210645 IsoLynx, LLC The patent has been assigned to **Catapult Sports Inc.**

**Assignments Registered**

2019229392 Isolynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2019252450 Giesecke+Devrient ePayments GmbH The patent has been assigned to **Linxens Holding S.A.S.**

2019264475 BeiGene, Ltd. The patent has been assigned to **BeOne Medicines I GmbH**

2019274815 Shivanka Research LLC The patent has been assigned to **Kashiv BioSciences, LLC**

2019459696 Virtualine Pty Ltd The patent has been assigned to **Virtualine IP Pty Ltd**

2020200642 Isolynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2020201945 IsoLynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2020204113 Vivasor, Inc. The patent has been assigned to **China Oncology Focus Limited**

2020215801 Hemispherian AS The patent has been assigned to **Tetragon Biosciences Ltd.**

2020218383 BeiGene, Ltd. The patent has been assigned to **BeOne Medicines I GmbH**

2021100401 Sunbase Pty Ltd The patent has been assigned to **Harvok Pty Ltd**

2021202136 IsoLynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2021202631 IsoLynx, LLC The patent has been assigned to **Catapult Sports Inc.**

2021257893 Norwood Industries Inc. The patent has been assigned to **Norwood Industries (Canada) Inc.**

2021293945 ZEAVISION LLC The patent has been assigned to **PRN Physician Recommended Nutraceuticals LLC**

2022204394 Centurion Medical Products Corporation The patent has been assigned to **Medline Industries, LP**

2023210586 Hemispherian AS The patent has been assigned to **Tetragon Biosciences Ltd.**

2024200721 LG Electronics Inc. The patent has been assigned to **Nokia Technologies Oy**

**Licences Registered - Section 187, Reg. 19**

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

2019312831 Centre National de la Recherche Scientifique - CNRS -; Institut National de la Sante et de la Recherche Medicale (INSERM); Universite Aix Marseille; Institut Jean Paoli & Irene Calmettes; Imcheck Therapeutics SAS ( ImCheck Therapeutics )

**Mortgages Registered - Section 187, Reg. 19**

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

2021107184 Polyforce Industries Pty Ltd ( Watters, M. )

**Extensions of Term of Standard Patents**

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

**Applications Filed**

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

2009237579 **Reata Pharmaceuticals Holdings, LLC**

The earliest first regulatory approval date provided by the patentee 26 Jun 2025

For the goods SKYCLARYS omaveloxolone

**Applications Accepted**

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

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

2006316767 **Astellas Pharma Inc.; TRON – Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

The earliest first regulatory approval date provided by the patentee 17 Mar 2025

For the goods VYLOY zolbetuximab

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013251602 **Reata Pharmaceuticals Holdings, LLC**

The earliest first regulatory approval date provided by the patentee 26 Jun 2025

For the goods SKYCLARYS omaveloxolone

Address for service : RnB IP PO Box 9530 Deakin ACT 2600 AU

**Extensions granted**

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

2014369999 **argenx BV; The Board of Regents of the University of Texas System**

The earliest first regulatory approval date provided by the patentee 24 Feb 2025

For the goods VYVGART efgartigimod alfa

Extension of Term of patent pursuant to Section 77 expires on 23 Dec 2039

**Corrigenda**

In Vol 59 , No 49 , Page(s) 6682 under the heading **Assignments Before Grant, Section 113 - 2023** Correct the name of the assignee to read: Trosvik Oceantech AS.

**Specifications Republished**

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

2019357440 **Syngenta Crop Protection AG**  
 2019357440 **Syngenta Crop Protection AG**  
 2020247916 **Schneider Electric Systems USA, Inc.**  
 2020345441 **Dioseve Inc.**  
 2022238423 **XWPHARMA LTD.**  
 2022386219 **SHANGHAI CHEST HOSPITAL; ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD.**  
 2024205044 **Huawei Technologies Co., Ltd.**  
 2024265176 **PROMEGA CORPORATION**

**Specifications Republished**

2024265504 **VOYAGER THERAPEUTICS, INC.**  
 2024274301 **FRED HUTCHINSON CANCER CENTER**  
 2024276372 **ELICIO THERAPEUTICS, INC.; CORNELL UNIVERSITY**  
 2024277363 **ELICIO THERAPEUTICS, INC.**