

ARIPO JOURNAL

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PERMANENT NOTICES

Lusaka Agreement

The African Regional Intellectual Property Organization (ARIPO) was established by the Lusaka Agreement which was adopted on 9 December, 1976. Objectives of the Organization are, inter alia, to promote, harmonize and develop the intellectual property system of the region.

Membership of the Organization is open to states members of the United Nations Economic Commission for Africa or of the African Union. States become members by depositing an instrument of accession to either the Lusaka Agreement or the Harare Protocol or the Swakopmund Protocol. Currently, Member States of ARIPO are those shown in the table on the right.

Harare Protocol

The Harare Protocol on Patents and Industrial Designs was adopted on 10 December, 1982. The protocol empowers ARIPO to grant patents and register industrial designs and utility models on behalf of the Harare Protocol contracting states. All ARIPO Member States are signatory to this protocol except Somalia.

Banjul Protocol

The Banjul Protocol on Marks was adopted on 19 November, 1993. The protocol empowers the Organization to register marks centrally for those ARIPO Member States which are its signatories (see table on this page).

Swakopmund Protocol

On 9 August 2010, ARIPO Member States adopted a third ARIPO protocol called the Swakopmund Protocol on the Protection of Traditional Knowledge and Expressions of Folklore. This protocol came into force on 11 May 2015.

Arusha Protocol

The Arusha Protocol for the Protection of New Varieties of Plants was adopted in Arusha, the United Republic of Tanzania on 6 July 2015.

The Protocol will enter into force when four States have deposited their instruments of ratification or accession. The Protocol will provide Member States with a regional plant variety protection system that recognizes the need to provide growers and farmers with improved varieties of plants in order to ensure sustainable agricultural production.

Patent Cooperation Treaty

The Patent Cooperation Treaty (PCT) is administered by the World Intellectual Property Organization (WIPO). Since the Harare Protocol was linked to the PCT, the PCT has become important to the development of the patent system of all ARIPO Member States.

Accessions / Ratifications

Member state	Lusaka Agreement	Harare Protocol	Banjul Protocol	Swakopmund Protocol	Arusha Protocol
Botswana	06.02.1985	06.05.1985	29.10.2003	28.03.2012	
eSwatini	17.12.1987	17.03.1988	06.03.1997		
The Gambia	15.02.1978	16.01.1986		11.02.2015	
Ghana	15.02.1978	25.04.1984			
Kenya	15.02.1978	24.10.1984			
Lesotho	23.07.1987	23.10.1987	12.02.1999		
Liberia	24.12.2009	24.03.2010	24.03.2010	25.10.2016	
Malawi	15.02.1978	25.04.1984	06.03.1997	20.12.2012	
Mozambique	08.02.2000	08.05.2000			
Namibia	14.10.2003	23.04.2004	14.01.2004	11.02.2015	
Rwanda	24.06.2011	24.09.2011		16.07.2012	
Sào Tomé and Príncipe	19.05.2014	19.08.2014	27.11.15		
Sierra Leone	05.12.1980	25.02.1999			
Somalia	10.12.1981				
Sudan	02.05.1978	25.04.1984			
Tanzania	12.10.1983	01.09.1999	01.09.1999		
Uganda	08.08.1978	25.04.1984	21.11.2000		
Zambia	15.02.1978	26.02.1986		28.08.2015	
Zimbabwe	11.11.1980	25.04.1984	06.03.1997	22.04.2013	

EDITORIAL

Frequency of the Journal

The ARIPO Journal: the Official Industrial Property Journal of ARIPO is published every month.

Editorial Office and Mission

The Journal is published by the ARIPO Office as part of the industrial property process under the Harare Protocol and the Banjul Protocol. (For address of the ARIPO Office, please see the section on 'Purchases and Subscriptions' and 'General Contact Addresses' below.)

Advertisements

Any person, natural or body corporate, may advertise in the Journal on a matter of, or relating to, intellectual property (such as vacancies, new appointments, meetings, etc.). The cost of advertisement is:

a) US $20.00 per half column, or part thereof, measuring size 8.5 cm (across) X 12 cm (depth);
b) US $35.00 per full column, or part thereof, measuring size 8.5 cm (across) X 24 cm (depth);
c) US $40.00 per half page and US $70.00 per full page.

Concessionary rates are available at 20% reduced rate for any number of multiple insertions.

Purchases and Subscriptions

The ARIPO Journal is available on the ARIPO e-service platform (http://eservice.aripo.org/ppb/pjd/PPBJournalViewList.do) for free downloading.

However, should any reader prefer the print format over the electronic version, purchases can be made at US$ 100.00 per paper copy. Annual subscriptions (inclusive of postage) are at US $1 200.00. All purchases and subscriptions can be made at the following address:

Physical:
Reception, ARIPO Office, No. 11 Natal Road, Belgravia, Harare, Zimbabwe.

Postal:
Director General, ARIPO, P.O. Box 4228, Harare, Zimbabwe.

General Contact Addresses

Communication with, or information about, the Organization for any matter generally may be made or obtained at the following addresses in addition to the ones indicated above:

Telephone:
+263 (242) 794065/6/8, 794074.

Facsimile:
+263 (242) 794072.

E-mail:
<mail@aripo.org>.

Website:
<www.aripo.org>.

CONTENTS

Permanent Notices 2

Lusaka Agreement 2
Harare Protocol 2
Banjul Protocol 2
Swakopmund Protocol 2
Patent Cooperation Treaty 2
Accessions / Ratifications 2

Editorial 3

Frequency of the Journal 3
Editorial Office and Mission 3
Advertisements 3
Purchases and Subscriptions 3
General Contact Addresses 3

General Notices 4

Data Flow Symbols 4
Data Identification Codes 4
INID Codes For Marks 4
INID Codes For Patents 4
INID Codes For Industrial Designs 5
Country / Organization Codes used in this Issue of the Journal 5

Marks 6

Mark Applications Filed 6
Marks Pending Registration 8
Marks Registered 9
Marks Renewed 11

Patents 12

Patent Applications Filed 12
Erratum: Patent Applications Filed 18
Patent Applications Abandoned 18
Patent Applications Renewed 19
Patents and Patent Applications Assigned 28
Patent Applications Pending Grant 28
Patents Granted 34
Classification Index of Granted Patents 54
Patentees' Name Index of Granted Patents 56
ARIPO Application Number Index of Granted Patents 58
Patents Renewed 60

Utility Models 64

Utility Model Applications Filed 64
Utility Model Applications Pending Registration 64
Utility Model Applications Renewed 65
Utility Models Registered 66

Designs 67

Design Applications Filed 67
Design Applications Renewed 68
Designs Registered 69
Designs Renewed 70

Search Requests 74

Search Requests Filed 74

GENERAL NOTICES

Data Flow Symbols

Symbols in the following table are ARIPO-originated and are used in this publication for directing the flow of announcement columns, namely that a record (which is the largest unit in an announcement column) is ended and that an announcement column continues on the next page or it is ended.

Symbol	Interpretation
●●	End of a record in an announcement column
■	End of an announcement column

Symbol	Interpretation
▶	An announcement column continues on the next page

Data Identification Codes

The data identification codes appearing in the next four tables are WIPO Standards. The first three of these tables contain codes universally known as **I**nternationally recognized **N**umbers for the **I**dentification of **D**ata (INID) Codes. These Standards are, namely, WIPO Standard ST. 60 (Recommendation concerning bibliographic data relating to marks), Standard ST. 9 (Recommendation concerning bibliographic data on and relating to patents and supplementary protection certificates (SPCs)), Standard ST. 80 (Recommendation concerning bibliographic data relating to industrial designs) and Standard ST. 3 (Recommended standard on two-letter codes for the representation of states, other entities and intergovernmental organizations).

INID Codes For Marks

Code	Interpretation
(111)	Registration number
(151)	Date of registration
(210)	Application number
(220)	Filing date

Code	Interpretation
(511)	Symbol of the Nice Class
(540)	Description of the mark
(731)	Applicant's name
(740)	Representative's name

Code	Interpretation
(814)	Designated states
(869)	Accepted with reserve

INID Codes For Patents

Code	Interpretation
(11)	Patent number
(21)	Application number
(22)	Filing date
(23)	Date when action is to be taken, if in announcements for "*Patent Applications Pending Grant*"; date from which status takes effect, if in "*Applications Abandoned*" or in "*Patents Abandoned*"
(24)	Effective date of patent
(31)	Priority number
(32)	Priority date
(33)	Convention country / Convention organization
(45)	Date of publication
(51)	Symbol of the International Patent Classification (IPC)

Code	Interpretation
(54)	Title of the invention
(56)	List of prior art documents cited in the examination
(57)	Abstract
(71)	Applicant's name. If in announcements concerning *"Patent Applications Assigned"* or *"Patents Assigned"*, this code represents the name of the assignee (or the name of the new owner of the patent application or the name of the new owner of the patent)
(72)	Name(s) of inventor(s)

Code	Interpretation
(73)	Name(s) of holder(s) of patent or patentee's name. If in announcements concerning *"Patent Applications Assigned"* or *"Patents Assigned"*, this code represents the name of the assignor (or the name of the current owner of the patent application or the name of the current owner of the patent)
(74)	Attorney's name
(75)	Name(s) of inventor(s) who is/are also applicant(s)
(84)	States designated under the Harare Protocol
(86)	Patent Cooperation Treaty (PCT) international filing date and number
(96)	Harare Protocol filing date and number

Data Identification Codes (Contd.)

INID Codes For Industrial Designs

Code	Interpretation
(11)	Design registration number
(21)	Design application number
(22)	Filing date
(24)	Effective date of registration of design
(31)	Priority number
(32)	Priority date
(33)	Convention country / Convention organization

Code	Interpretation
(40)	Publication date
(51)	Symbol of the Locarno Classification
(54)	Title of the design
(55)	Symbol of the design
(71)	Applicant's name
(72)	Name of creator of the design
(73)	Name of holder of the design registration

Code	Interpretation
(74)	Attorney's name
(75)	Name(s) of creator(s) who is/are also applicant(s)
(84)	States designated under the Harare Protocol

Country/Organization Codes Used in this Issue of the Journal

Code	Country / Organization
AP	African Regional Intellectual Property Organization (ARIPO)
AU	Australia
BW	Botswana
CA	Canada
CN	China
DE	Germany
EP	European Pantent Office
FR	France
GB	United Kingdom
GH	Ghana
GM	The Gambia
HU	Hungary
IB	International Bureau of the World Intellectual Property Organization (WIPO)
IN	India

Code	Country / Organization
JP	Japan
KE	Kenya
LR	Liberia
LS	Lesotho
MW	Malawi
MX	Mexico
MZ	Mozambique
NA	Namibia
RW	Rwanda
SD	Sudan
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	eSwatini
TZ	United Republic of Tanzania
UG	Uganda

Code	Country / Organization
US	United Sates of America
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2019/003832
(220) 02.07.2019
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **JUUL LABS**

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(210) AP/M/2019/003833
(220) 02.07.2019
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **JUULPODS**

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(210) AP/M/2019/003834
(220) 02.07.2019
(511) Int. Cl. 5: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) F. HOFFMANN-LA ROCHE AG
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **HUNTISO**

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(210) AP/M/2019/003835
(220) 03.07.2019
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BMJ Industries FZ-LLC
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003836
(220) 04.07.2019
(511) Int. Cl. 12: ZW
(731) A.Lucky Brand (Pvt) Ltd
(740) HUSSEIN RANCHHOD & CO LEGAL PRACTITIONERS
(814) ZW

(540)

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(210) AP/M/2019/003837
(220) 04.07.2019
(511) Int. Cl. 12: ZW
(731) A.Lucky Brand (Pvt) Ltd
(740) HUSSEIN RANCHHOD & CO
(814) ZW

(540)

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(210) AP/M/2019/003838
(220) 04.07.2019
(511) Int. Cl. 25: NA, ZW
(731) CHIMEDZA OBERT
(740) CHIMEDZA OBERT
(814) NA, ZW

(540)

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(210) AP/M/2019/003839
(220) 09.07.2019
(511) Int. Cl. 12: BW, MW, NA, ZW
(731) TVS SRICHAKRA LIMITED
(740) FISHER CORMACK & BOTHA
(814) BW, MW, NA, ZW

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(210) AP/M/2019/003840
(220) 09.07.2019
(511) Int. Cl. 16: BW, LR, LS, MW, ST, SZ, TZ, ZW
(511) Int. Cl. 41: BW, LR, LS, MW, ST, SZ, TZ, ZW
(731) INTERNATIONAL ROAD FEDERATION
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, ST, SZ, TZ, ZW

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(210) AP/M/2019/003841
(220) 09.07.2019
(511) Int. Cl. 25, 28, 30, 32, 33, 34, 41 and 43: BW, ZW
(731) RED BULL GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, ZW

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(210) AP/M/2019/003842
(220) 08.07.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) COLGATE-PALMOLIVE COMPANY
(740) B MATANGA IP ATTORNEYS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003843
(220) 09.07.2019
(511) Int. Cl. 9, 16, 25, 28 and 41: BW, NA
(731) VIRGIN ACTIVE SOUTH AFRICA (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, NA

(540) **GRID TRAINING**

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(210) AP/M/2019/003844
(220) 09.07.2019
(511) Int. Cl. 25, 28, 30, 32, 33, 34, 41 and 43: BW, ZW
(731) RED BULL GMBH
(740) FISHER CORMACK & BOTHA
(814) BW, ZW

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003845
(220) 10.07.2019
(511) Int. Cl. 9, 16, 35, 37, 38, 39, 40, 41 and 42: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SMA Solar Technology AG
(740) COWLEY INCORPORATED
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003846
(220) 10.07.2019
(511) Int. Cl. 5: BW, NA, ZW
(731) Frilab Trade Mark SA
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, NA, ZW

(540) **PHENERGAN**

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(210) AP/M/2019/003847
(220) 11.07.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) COLGATE-PALMOLIVE COMPANY
(740) B MATANGA IP ATTORNEYS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003848
(220) 15.07.2019
(511) Int. Cl. 5: BW, LR, ZW
(731) Frilab Trade Mark SA
(740) HUSSEIN RANCHHOD & CO LEGAL PRACTITIONERS
(814) BW, LR, ZW

(540) **PHENERGAN**

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(210) AP/M/2019/003849
(220) 16.07.2019
(511) Int. Cl. 5: TZ
(731) SUN PHARMACEUTICAL INDUSTRIES LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ

(540) **MUVERA**

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(210) AP/M/2019/003850
(220) 16.07.2019
(511) Int. Cl. 5: TZ, UG
(731) SUN PHARMACEUTICAL INDUSTRIES LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) **ENCORATE CHRONO**

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(210) AP/M/2019/003851
(220) 16.07.2019
(511) Int. Cl. 29, 30 and 32: TZ, UG
(731) PROMASIDOR IP HOLDINGS LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

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(210) AP/M/2019/003852
(220) 18.07.2019
(511) Int. Cl. 4, 6, 35 and 39: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Petredec International Pte. Ltd
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **PETRELUBE**

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(210) AP/M/2019/003853
(220) 18.07.2019
(511) Int. Cl. 4, 6, 35 and 39: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Petredec International Pte. Ltd
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **PETREFUEL**

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(210) AP/M/2019/003854
(220) 18.07.2019
(511) Int. Cl. 4, 6, 35 and 39: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Petredec International Pte. Ltd
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **PETREGAZ**

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(210) AP/M/2019/003855
(220) 18.07.2019
(511) Int. Cl. 4, 6, 35 and 39: LR, LS, MW, NA, ST, SZ, TZ, UG
(731) Petredec International Pte. Ltd
(740) HONEY & BLANCKENBERG
(814) LR, LS, MW, NA, ST, SZ, TZ, UG

(540) **PETREDEC**

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(210) AP/M/2019/003856
(220) 18.07.2019
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Ningbo Fulman Communication Technology Co., Ltd.
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **VENTION**

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(210) AP/M/2019/003857
(220) 18.07.2019
(511) Int. Cl. 3: BW, NA
(731) AMKA PRODDUCTS (PTY) LTD
(740) ENSafrica Namibia
(814) BW, NA

(540) **PLAYGIRL**

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(210) AP/M/2019/003858
(220) 24.07.2019
(511) Int. Cl. 7: BW
(731) Changsha Kingkar Eco-technologies Co., Ltd.
(740) Cronjé & Co.
(814) BW

(540) **HHO**

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(210) AP/M/2019/003859
(220) 16.07.2019
(511) Int. Cl. 5: TZ, UG
(731) SUN PHARMACEUTICAL INDUSTRIES LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) **DICORATE**

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003860
(220) 31.07.2019
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) GILL GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, ST, TZ, UG, ZW

(540) **JUUL C1**

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(210) AP/M/2019/003861
(220) 31.07.2019
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) GILL GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, ST, TZ, UG, ZW

(540) **JUUL C2**

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Marks Pending Registration

(210) AP/M/2006/000463
(220) 07.11.2006
(511) Int. Cl. 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ZAM ZAM COMPANY IRAN
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2017/003202
(220) 04.12.2017
(511) Int. Cl. 9: BW, LR, LS, MW, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 11: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) NM TROPICAL POWER (T) LTD
(740) NM TROPICAL POWER (T) LTD
(814) BW, LR, LS, MW, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003378
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) **ECOBANK MOBILE PLUS**

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(210) AP/M/2018/003415
(220) 27.06.2018
(511) Int. Cl. 9, 36 and 38: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Turtlemobile Incorporated (Private) Limited
(740) Clairwood Chambers (Mutamangira & Associates)
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003471
(220) 24.08.2018
(511) Int. Cl. 5: TZ, UG
(731) HUANGSHAN LISHEN COMMODITY CO., LTD
(740) Cronjé & Co.
(814) TZ, UG

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(210) AP/M/2018/003472
(220) 24.08.2018
(511) Int. Cl. 28: BW, UG, ZW
(731) Qinhuangdao JOY Billiards Promotion Co., Ltd.
(740) Cronjé & Co.
(814) BW, UG, ZW

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(210) AP/M/2018/003473
(220) 27.08.2018
(511) Int. Cl. 41: BW, NA
(731) VIRGIN ACTIVE SOUTH AFRICA (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, NA

(540) **SMASH THE TRASH**

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(210) AP/M/2018/003474
(220) 27.08.2018
(511) Int. Cl. 41: BW
(731) VIRGIN ACTIVE SOUTH AFRICA (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW

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Marks Pending Registration (Contd.)

(210) AP/M/2018/003482
(220) 06.09.2018
(511) Int. Cl. 39: BW, LS, MW, SZ, TZ
(731) VEER-FREIGHT (PRIVATE) LIMITED
(740) VEER-FREIGHT (PRIVATE) LIMITED
(814) BW, LS, MW, SZ, TZ

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(210) AP/M/2018/003483
(220) 04.09.2018
(511) Int. Cl. 5: BW, MW, NA
(731) MONSANTO TECHNOLOGY LLC
(740) HONEY & BLANCKENBERG
(814) BW, MW, NA

(540) **ROUNDUP TURBO**

●●

(210) AP/M/2018/003489
(220) 10.09.2018
(511) Int. Cl. 45: ZW
(731) True Destination Life
(740) UKAMA Killian
(814) ZW

(540)



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(210) AP/M/2018/003491
(220) 04.09.2018
(511) Int. Cl. 5: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) F. HOFFMANN-LA ROCHE AG
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **POLIVY**

●●

(210) AP/M/2018/003492
(220) 11.09.2018
(511) Int. Cl. 7: BW, LR, ZW
(731) ESCO GROUP LLC
(740) NENJY || NYAMAPFENE LAW PRACTICE
(814) BW, LR, ZW

(540) ULTRAEDGE

●●

(210) AP/M/2018/003494
(220) 11.09.2018
(511) Int. Cl. 30: BW, LR, LS, MW, ST, SZ, TZ, UG, ZW
(731) SONERI GROUP
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, LS, MW, ST, SZ, TZ, UG, ZW

(540) **BOMBO**

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(210) AP/M/2018/003499
(220) 20.09.2018
(511) Int. Cl. 9 and 39: BW, LR, LS, NA, ST, SZ, TZ, UG
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 42: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 9: MW
(731) Lyft, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

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Marks Registered

(111) AP/M/2016/002792
(151) 18.07.2019
(220) 29.11.2016
(511) Int. Cl. 9 and 11: BW, LS, MW, NA, SZ, TZ, ZW
(731) Yiwu Jinmin Electrical Appliances Co., Ltd.
(740) LEXGLOBE LLP
(814) BW, LS, MW, NA, SZ, TZ, ZW

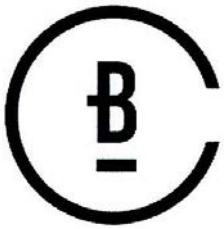
(540)



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(111) AP/M/2016/002832
(151) 18.07.2019
(220) 22.11.2016
(511) Int. Cl. 29: BW, MW, TZ, ZW
(731) BEEFCOR (PTY) LTD
(740) GALLOWAY & COMPANY
(814) BW, MW, TZ, ZW

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(111) AP/M/2016/002833
(151) 19.07.2019
(220) 22.11.2016
(511) Int. Cl. 29: BW, MW, TZ, ZW
(731) BEEFCOR (PTY) LTD
(740) GALLOWAY & COMPANY
(814) BW, MW, TZ, ZW

(540) **BEEFCOR**

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(111) AP/M/2017/002956
(151) 05.07.2019
(220) 05.06.2017
(511) Int. Cl. 9: LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Eastman Auto & power Limited
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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Marks Registered (Contd.)

(111) AP/M/2017/002957
(151) 05.07.2019
(220) 05.06.2017
(511) Int. Cl. 9: LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Eastman Auto & power Limited
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) Eastman

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(111) AP/M/2017/003234
(151) 04.07.2019
(220) 28.12.2017
(511) Int. Cl. 8 and 9: MW, TZ, UG
(731) Brands Konnect General Trading LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) MW, TZ, UG

(540) STÄRKE

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(111) AP/M/2018/003262
(151) 14.07.2019
(220) 29.01.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) IBSONS General Trading Co. Ltd.
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

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(111) AP/M/2018/003274
(151) 14.07.2019
(220) 13.02.2018
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SOMANI Rajesh
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) SIMBA

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(111) AP/M/2018/003342
(151) 05.07.2019
(220) 03.05.2018
(511) Int. Cl. 5: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 42: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) Arrowhead Pharmaceuticals, Inc., a corporation organized and existing under the laws of the State of Delaware
(740) GILL, GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TRiM

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(111) AP/M/2018/003377
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 16, 35 and 36: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) ECOBANK

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(111) AP/M/2018/003379
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) ECOBANK WORLD

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(111) AP/M/2018/003380
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) ECOBANK PASSPORT

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(111) AP/M/2018/003381
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) ECOBANK GLOBAL

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(111) AP/M/2018/003382
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) ECOBANK BORDERLESS

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(111) AP/M/2018/003383
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) ECOBANKPAY

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(111) AP/M/2018/003384
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) AFRICA RAPIDTRANSFER

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(111) AP/M/2018/003385
(151) 22.07.2019
(220) 05.06.2018
(511) Int. Cl. 9, 36, 38 and 42: MW, ST, TZ, UG, ZW
(731) ECOBANK TRANSNATIONAL INCORPORATED
(740) COGHLAN, WELSH & GUEST
(814) MW, ST, TZ, UG, ZW

(540) RAPIDTRANSFER INTERNATIONAL

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Marks Renewed

Registration No.	Date Fee Paid	Valid Until	Anniversary
AP/M/2009/000807	14.06.2019	22.06.2029	10th yr
AP/M/2009/000808	14.06.2019	22.06.2029	10th yr
AP/M/2009/000809	17.06.2019	26.06.2029	10th yr
AP/M/2009/000812	17.06.2019	26.06.2029	10th yr
AP/M/2009/000819	17.06.2019	03.07.2029	10th yr

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(21) AP/P/2019/011700
(22) 05.01.2018
(23) 03.07.2019
(31) 62/443,588
(32) 06.01.2017 (33) US
(51) **A61K 31/519 (2006.01)**
C07D 487/14 (2006.01)
(54) COMBINATION THERAPY FOR THE TREATMENT OF CANCER
(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS AND G1 THERAPEUTICS, INC.
(72) TONETTI Debra A, ZHAO Jiong, XIONG Rui, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 05.01.2018 PCT/US2018/012675
(96) 05.01.2018 AP/P/2019/011700

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(21) AP/P/2019/011701
(22) 15.12.2017
(23) 03.07.2019
(31) 62/444,565
(32) 10.01.2017 (33) US
(51) **H04W 60/00 (2009.01)**
(54) PDU SESSION MANAGEMENT
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) HEDMAN Peter, ROMMER Stefan and SCHLIWA-BERTLING Paul
(74) FISHER CORMACK & BOTHA
(84) KE
(86) 15.12.2017 PCT/SE2017/051281
(96) 15.12.2017 AP/P/2019/011701

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(21) AP/P/2019/011702
(22) 05.01.2018
(23) 04.07.2019
(31) 62/544,449
(32) 11.08.2017 (33) US
(31) 62/596,298
(32) 08.12.2017 (33) US
(31) 62/442,606
(32) 05.01.2017 (33) us
(51) **C12N 9/22 (2006.01)**
C12N 15/864 (2006.01)
C12N 15/113 (2010.01)
(54) OPTIMIZED STRATEGY FOR EXON SKIPPING MODIFICATIONS USING CRISPR/CAS9 WITH TRIPLE GUIDE SEQUENCES
(71) THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
(72) OLSON Eric and AMOASII Leonela
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 05.01.2018 PCT/US2018/012558
(96) 05.01.2018 AP/P/2019/011702

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(21) AP/P/2019/011703
(22) 07.12.2016
(23) 04.07.2019
(51) **G06Q 50/30 (2012.01)**
B60W 40/12 (2012.01)
B60W 50/00 (2006.01)
B60W 40/10 (2012.01)
G07C 5/00 (2006.01)
(54) METHOD AND SYSTEM FOR PRESERVING AND PROCESSING VEHICLE CRASH DATA EVIDENCE
(74) SAMURIWO ATTORNEYS
(75) BAYLEY Jason
(84) BW, MZ, NA
(86) 07.12.2016 PCT/CA2016/051433
(96) 07.12.2016 AP/P/2019/011703

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(21) AP/P/2019/011704
(22) 06.12.2017
(23) 05.07.2019
(31) 62/430,679
(32) 06.12.2016 (33) US
(51) **A61M 1/20 (2006.01)**
A61M 5/32 (2006.01)
A61M 5/315 (2006.01)
(54) METHOD AND APPARATUS FOR FILLING SYRINGES WITH RETRACTABLE NEEDLE
(71) IINJEC TECHNOLOGIES INC. / LES TECHNOLOGIES IINJEC INC.
(72) REISENBURG MOLSON Catherine
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 06.12.2017 PCT/CA2017/000263
(96) 06.12.2017 AP/P/2019/011704

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(21) AP/P/2019/011705
(22) 06.12.2017
(23) 05.07.2019
(31) P1600654
(32) 07.12.2016 (33) HU
(51) **E01B 9/30 (2006.01)**
E01B 13/02 (2006.01)
E01B 9/28 (2006.01)
E01B 9/60 (2006.01)
(54) RAIL MOUNTING DEVICE AND METHOD FOR FIXING RAILS TO REINFORCED CONCRETE RAILWAY SLEEPER
(71) HR SYSTEM HUNGARY ZRT.
(72) RÁCZ Attila
(74) GILL GODLONTON & GERRANS LEGAL PRACTITIONERS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 06.07.2017 PCT/HU2017/050053
(96) 06.12.2017 AP/P/2019/011705

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(21) AP/P/2019/011706
(22) 11.12.2017
(23) 09.07.2019
(31) 62/432,879
(32) 12.12.2016 (33) US
(51) **C12N 15/115 (2006.01)**
C07K 14/32 (2006.01)
C07K 14/195 (2006.01)
C40B 40/06 (2015.01)
C12N 15/10 (2006.01)
C07R 14/28 (2006.01)
(54) USE OF BIOLOGICAL RNA SCAFFOLDS WITH IN VITRO SELECTION TO GENERATE ROBUST SMALL MOLECULE BINDING APTAMERS FOR GENETICALLY ENCODABLE BIOSENSORS
(71) THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
(72) PORTER Ely B. Ely B and BATEY, Robert T.
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 11.12.2017 PCT/US2017/065526
(96) 11.12.2017 AP/P/2019/011706

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(21) AP/P/2019/011708
(22) 07.12.2017
(23) 10.07.2019
(31) 2016905322
(32) 22.12.2016 (33) AU
(31) 62/456,910
(32) 09.02.2017 (33) US
(31) 62/456,910
(32) 09.02.2017 (33) US
(31) 2016905322
(32) 22.12.2016 (33) AU
(51) **H01M 2/16 (2006.01)**
H01M 6/32 (2006.01)
H01M 8/0289 (2016.01)
H01M 8/0271 (2016.01)
H01M 6/22 (2006.01)
H01M 12/06 (2006.01)
H01M 12/08 (2006.01)
(54) METAL-AIR FUEL CELL
(71) HYDRA LIGHT INTERNATIONAL LTD
(72) DANSIE Mark
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, GH, KE, KE
(86) 07.12.2017 PCT/AU2017/051344
(96) 07.12.2017 AP/P/2019/011708

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(21) AP/P/2019/011710
(22) 16.07.2012
(23) 11.07.2019
(31) 61/508,477
(32) 15.07.2011 (33) US
(51) **H03M 7/40 (2006.01)**
H04N 7/26 (2006.01)
(54) SAMPLE ARRAY CODING FOR LOW-DELAY
(71) GE VIDEO COMPRESSION, LLC
(72) SCHIERL Thomas, MARPE, KIRCHHOFFER Heiner, et al
(74) GALLOWAY & COMPANY
(84) KE, SD
(86) 16.07.2012 PCT/EP2012/063929
(96) 16.07.2012 AP/P/2019/011710

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(21) AP/P/2019/011712
(22) 16.01.2018
(23) 11.07.2019
(31) 62/447,057
(32) 17.01.2017 (33) US
(51) **A61P 37/00 (2006.01)**
A61K 31/506 (2006.01)
C07D 403/04 (2006.01)
A61P 17/14 (2006.01)
C07D 403/14 (2006.01)
(54) JAK1 SELECTIVE INHIBITORS
(71) AstraZeneca AB
(72) KETTLE Jason Grant, SU Qibin, KAWATKAR Sameer Pralhad, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE
(86) 16.01.2018 PCT/EP2018/051038
(96) 16.01.2018 AP/P/2019/011712

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(21) AP/P/2019/011713
(22) 15.12.2016
(23) 11.07.2019
(51) **C02F 1/50 (2006.01)**
C02F 9/00 (2015.01)
C02F 1/66 (2006.01)
C02F 1/34 (2006.01)
C02F 1/68 (2006.01)
(54) SYSTEM AND METHOD FOR CREATING CAVITATION IN A FLUID
(74) FISHER CORMACK & BOTHA
(75) SMITH Michael
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.12.2016 PCT/US2016/067027
(96) 15.12.2016 AP/P/2019/011713

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(21) AP/P/2019/011714
(22) 19.03.2018
(23) 12.07.2019
(31) 62/475,619
(32) 23.03.2017 (33) US
(51) **G10L 19/22 (2013.01)**
G06F 17/10 (2006.01)
G10L 19/24 (2013.01)
G10L 19/02 (2013.01)
G10L 19/26 (2013.01)
(54) BACKWARD-COMPATIBLE INTEGRATION OF HARMONIC TRANSPOSER FOR HIGH FREQUENCY RECONSTRUCTION OF AUDIO SIGNALS
(71) DOLBY INTERNATIONAL AB
(72) Ekstrand Per C, PURNHAGEN Heiko and VILLEMOES Lars
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 19.03.2018 PCT/US2018/023183
(96) 19.03.2018 AP/P/2019/011714

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(21) AP/P/2019/011715
(22) 22.12.2017
(23) 12.07.2019
(31) 62/438.334
(32) 21.12.2017 (33) US
(51) **A61P 35/00 (2006.01)**
C07D 471/04 (2006.01)
A61K 31/4985 (2006.01)
C07D 401/04 (2006.01)
C07D 239/80 (2006.01)
A61K 31/498 (2006.01)
A61K 31/517 (2006.01)
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
C07D 513/04 (2006.01)
A61K 31/437 (2006.01)
C07D 487/10 (2006.01)
A61K 31/428 (2006.01)
C07D 471/08 (2006.01)
A61K 31/429 (2006.01)
C07D 275/04 (2006.01)
C07D 403/04 (2006.01)
C07D 417/04 (2006.01)
(54) KRAS G12C INHIBITORS AND METHODS OF USING THE SAME
(71) AMGEN INC.
(72) TEGLEY Christopher M, BOOKER Shon, ASHTON Kate, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, NA
(86) 22.12.2017 PCT/US2017/067801
(96) 22.12.2017 AP/P/2019/011715

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(21) AP/P/2019/011717
(22) 16.11.2017
(23) 12.07.2019
(51) **H04W 4/70 (2018.01)**
G05B 19/418 (2006.01)
(54) SYSTEMS AND METHODS FOR CONTROLLING PRODUCTION AND/OR DISTRIBUTION LINES
(71) SICPA HOLDING SA
(72) MATTOS ALBERTO DOS SANTOS Leonardo Rodrigo Daniel, DIAS PINHEIRO Vitor, DE CARVALHO COSTA Diego, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MZ, TZ, UG
(86) 16.11.2017 PCT/EP2017/079444
(96) 16.11.2017 AP/P/2019/011717

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(21) AP/P/2019/011718
(22) 21.12.2017
(23) 12.07.2019
(31) 1622077.4
(32) 23.12.2016 (33) GB
(51) **B07C 5/02 (2006.01)**
(54) GEMSTONE SORTING
(71) De Beers UK Limited
(72) FISHER David, DAVIES Nicholas Matthew, MCGUINNESS Colin, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW
(86) 21.12.2017 PCT/GB2017/053865
(96) 21.12.2017 AP/P/2019/011718

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(21) AP/P/2019/011719
(22) 14.12.2017
(23) 13.07.2019
(31) 1621523.8
(32) 16.12.2016 (33) GB
(51) **C22B 3/26 (2006.01)**
C22B 59/00 (2006.01)
C07C 211/63 (2006.01)
(54) SEPARATION OF RARE EARTH METALS
(71) THE QUEEN'S UNIVERSITY OF BELFAST
(72) RITESH Ruhela and NOCKEMANN Peter
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 14.12.2017 PCT/GB2017/053754
(96) 14.12.2017 AP/P/2019/011719

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(21) AP/P/2019/011720
(22) 12.07.2019
(23) 12.07.2019
(51) **B61G 3/00 (2015.01)**
B61G 3/04 (2015.01)
B22C 9/02 (2015.01)
B61G 3/06 (2015.01)
B22C 9/22 (2015.01)
B22D25/02 (2015.01)
(54) RAIL CAR KNUCKLE
(71) TRANSNET SOC LIMITED
(72) GOVENDER DHURASHA, MAMPHEKGO TEFELO CALYSTUS, PILLAY KESHINI, et al
(74) NKOMO MOSES
(84) BW, LS, MW, MZ, SZ, TZ, ZM, ZW
(96) 12.07.2019 AP/P/2019/011720

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Patent Applications Filed (Contd.)

(21) AP/P/2019/011721
(22) 20.12.2017
(23) 15.07.2019
(31) PCT/IB2017/001763
(32) 20.12.2017 (33) IB
(31) 62/436,272
(32) 19.12.2016 (33) US
(51) **A61P 35/00 (2006.01)**
C07D 487/14 (2006.01)
A61K 31/5517 (2006.01)
A61P 25/00 (2006.01)
(54) BENZODIAZEPINE DERIVATIVES, COMPOSITIONS, AND METHODS FOR TREATING COGNITIVE IMPAIRMENT
(71) AgeneBio, Inc.
(72) HUANG Jianxing, BUTERA John A. and MEKONNEN Belew
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 20.12.2017 PCT/İB2017/001762
(96) 20.12.2017 AP/P/2019/011721

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(21) AP/P/2019/011722
(22) 16.01.2018
(23) 16.07.2019
(31) 62/447,332
(32) 17.01.2017 (33) US
(51) **C07K 16/28 (2006.01)**
A61P 3/10 (2006.01)
A61K 39/395 (2006.01)
(54) METHOD OF TREATING OR AMELIORATING METABOLIC DISORDERS USING GLP-1 RECEPTOR AGONISTS CONJUGATED TO ANTAGONISTS FOR GASTRIC INHIBITORY PEPTIDE RECEPTOR (GIPR)
(71) AMGEN INC.
(72) XU Jing, YIE Junming, STANISLAUS Shanaka, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, NA
(86) 16.01.2018 PCT/US2018/013918
(96) 16.01.2018 AP/P/2019/011722

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(21) AP/P/2019/011723
(22) 02.02.2018
(23) 17.07.2019
(31) 17209098.7
(32) 20.12.2017 (33) EP
(31) 62/455211
(32) 06.02.2017 (33) US
(51) **A61K 31/498 (2006.01)**
G01N 33/574 (2006.01)
A61P 35/00 (2006.01)
(54) CANCER TREATMENT
(71) JANSSEN PHARMACEUTICA NV
(72) SIEFKER-RADTKE Arlene O, LORIOT Yohann, AVADHANI Anjali Narayan, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 02.02.2018 PCT/EP2018/052694
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(32) 25.01.2017 (33) FR
(51) **G01M 3/00 (2006.01)**
F16K 15/06 (2006.01)
F16L 39/00 (2006.01)
F16K 17/04 (2006.01)
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(72) PIONETTI François-Régis
(74) ADAMS AND ADAMS MOZAMBIQUE
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(32) 27.01.2017 (33) US
(51) **A61P 25/28 (2006.01)**
A61K 31/445 (2006.01)
C07D 417/14 (2006.01)
A61P 25/00 (2006.01)
(54) N-[4-FLUORO-5[[(2S,4S)-2-METHYL-4-[(5-METHYL-1,2,4-OXADIAZOL-3-YL)METHOXY]-1-PIPERIDYL]METHYL] THIAZOL-2-YL]ACETAMIDE AS OGA INHIBITOR
(71) ELI LILLY AND COMPANY
(72) LINDSAY-SCOTT Peter James and DREYFUS Nicolas Jacques Francois
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA
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(31) 2016-251411
(32) 26.12.2016 (33) JP
(51) **H02J 7/34 (2006.01)**
H01M 10/48 (2006.01)
H02J 9/08 (2006.01)
H02J 7/04 (2006.01)
H01M 10/44 (2006.01)
H02J 9/06 (2006.01)
H02J 7/00 (2006.01)
H01M 2/10 (2006.01)
(54) ELECTRIC POWER SUPPLY DEVICE, METHOD FOR CONTROLLING ELECTRIC POWER SUPPLY DEVICE, ELECTRIC POWER SUPPLY SYSTEM, AND COMMUNICATION BASE STATION BACKUP SYSTEM
(71) GS Yuasa International Ltd.
(72) HIGUCHI Masami and GAMO Shintaro
(74) ADAMS AND ADAMS MOZAMBIQUE
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(31) 62/464006
(32) 27.02.2017 (33) US
(51) **C12Q 1/48 (2006.01)**
G01N 33/574 (2006.01)
(54) USE OF BIOMARKERS IN IDENTIFYING CANCER PATIENTS THAT WILL BE RESPONSIVE TO TREATMENT WITH A PRMT5 INHIBITOR
(71) JANSSEN PHARMACEUTICA NV
(72) MOY Christopher H, GAFFNEY Dana Suzanne, BEKE Lijs, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 26.08.2018 PCT/EP2018/054644
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(51) **A61P 35/00 (2006.01)**
A61P 37/00 (2006.01)
C07K 16/22 (2006.01)
(54) ISOFORM-SPECIFIC, CONTEXT-PERMISSIVE TGFβ1 INHIBITORS AND USE THEREOF

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(74) B. W. KAHARI LEGAL PRACTITIONERS
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(51) **H04L 5/00 (2006.01)**
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(71) Sharp Kabushiki Kaisha
(72) NOGAMI Toshizo, SHENG Jia and AIBA Tatsushi
(74) FISHER CORMACK & BOTHA
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(51) **G06F 9/44 (2018.01)**
(54) METHOD FOR GENERATING SHORTCUT, TERMINAL DEVICE AND COMPUTER-READABLE STORAGE DEVICE
(71) SHENZHEN TRANSMISSION COMMUNICATION LIMITED
(72) ZHENG Xuerui, HUANG Chengzhong and SHEN Feng
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(51) **A61K 31/437 (2006.01)**
A61K 31/506 (2006.01)
A61K 31/501 (2006.01)
C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
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(71) AstraZeneca AB
(72) YANG Bin, BARLAAM Bernard Christophe, NISSINK Johannes Wilhelmus Maria, et al
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(51) **G06Q 50/02 (2012.01)**
E21B 49/00 (2006.01)
G01V 11/00 (2006.01)
E21C 39/00 (2006.01)
E21B 47/00 (2012.01)
G01V 9/00 (2006.01)
G01N 33/24 (2006.01)
(54) A METHOD AND SYSTEM FOR VALIDATING LOGGING DATA FOR A MINERAL SAMPLE
(71) THE UNIVERSITY OF WESTERN AUSTRALIA and TECHNOLOGICAL RESOURCES PTY LIMITED
(72) LEWAN Andrew, GREEN Thomas, PAINE Mark, et al
(74) FISHER CORMACK & BOTHA
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(32) 24.10.2017 (33) US
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(32) 14.08.2017 (33) US
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(32) 28.04.2017 (33) US
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(32) 06.01.2017 (33) US
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(51) **A61P 21/00 (2006.01)**
A23L 33/18 (2016.01)
A61K 31/198 (2006.01)
A61P 21/06 (2006.01)
A23L 33/175 (2016.01)
(54) AMINO ACID COMPOSITIONS AND METHODS FOR THE TREATMENT OF MUSCLE DISEASES AND DISORDERS
(71) AXCELLA HEALTH INC.
(72) COMB William, AFEYAN Raffi and HAMILL Michael
(74) MWALE & COMPANY ADVOCATES
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(32) 24.10.2017 (33) US
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(32) 14.08.2017 (33) US
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(32) 19.12.2016 (33) US
(51) **A23L 33/18 (2016.01)**
A23L 33/175 (2016.01)
A61P 1/16 (2006.01)
A61K 31/198 (2006.01)
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(71) AXCELLA HEALTH INC.
(72) BERRY David, LUITHARDT Harry, LEE Chung-Wei, et al
(74) Mwale & Company Advocates
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(32) 03.08.2018 (33) ZA
(51) **B65G 2814/00 (2015.01)**
B65G 2201/04 (2015.01)
B65G 65/00 (2015.01)
B65G 3/00 (2015.01)
B65D 88/54 (2015.01)
(54) METHOD FOR UNLOADING BULK MATERIALS & ASSOCIATED METHOD FOR TRANSPORTING SUCH MATERIALS
(71) MONTEAGLE TRUCKING (PTY) LIMITED
(72) LIDSTON John
(74) HONEY & BLANCKENBERG
(84) BW, MZ, NA, ZM, ZW
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(71) W&E INTERNATIONAL (CANADA) CORP.
(72) LIN Yyuanhao and LIN Huazi
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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C07K 14/29 (2006.01)
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(72) TSHILWANE Selaelo Ivy, THEMA Nontobeko, VAN KLEEF Mirinda, et al
(74) FISHER CORMACK & BOTHA
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(51) **H04W 76/04 (2009.01)**
H04W 4/16 (2009.01)
(54) A METHOD FOR AUGMENTING EXISTING CALL-COMPLETION SOLUTIONS
(74) INVENTA MOZAMBIQUE, LDA.
(75) MAHDI Ali
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(32) 01.11.2017 (33) MX
(51) **B65D 88/16 (2006.01)**
C12M 1/24 (2006.01)
A01C 3/02 (2006.01)
C12M 1/100 (2006.01)
(54) METHOD FOR PRODUCING A BIODIGESTER REACTOR AND MEMBRANE TEMPLATE
(71) BUEN MANEJO DEL CAMPO, S.A. DE C.V.
(72) EATON Alexander Bennet
(74) INVENTA MOZAMBIQUE (RAFAEL José)
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(32) 01.03.2017 (33) EP
(51) **A61P 31/06 (2006.01)**
A61K 31/498 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/438 (2006.01)
A61K 45/06 (2006.01)
A61K 31/47 (2006.01)
(54) COMBINATION THERAPY
(71) JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
(72) VILLELLAS ARILLA Maria Cristina, KOUL Anil and ANDRIES Koenraad Jozef Lodewijk Marcel
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(32) 13.01.2017 (33) ZA
(51) **A61B 17/326 (2015.01)**
(54) CIRCUMCISION DEVICE
(71) INNOVATIVE MEDICAL TECHNOLOGY (PTY) LTD
(72) WISEMAN David Christopher, PARKER Elisabeth Regina and PARKER Cyril Norman
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
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(32) 07.02.2017 (33) US
(51) **C12N 15/82 (2006.01)**
(54) METHOD
(71) THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
(72) WANG Erming, TANG Guiliang, MAHAYLOVA-KROUMOVA Antoaneta Borissova, et al
(74) FISHER CORMACK & BOTHA
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(31) JP 2017-035594
(32) 27.02.2017 (33) JP
(51) **C07K 16/44 (2006.01)**
C07K 16/18 (2006.01)
(54) HUMANIZED ANTIBODY FOR TREATING OR PREVENTING COGNITIVE DISORDERS, PROCESS FOR PRODUCING THE SAME, AND AGENT FOR TREATING OR PREVENTING COGNITIVE DISORDERS USING THE SAME
(71) MERCK SHARP & DOHME CORP. and TEIJIN PHARMA LIMITED
(72) MALASHOCK Daniel Stephen, JABLONSKI Angela Marie , PARMENTIER BATTEUR Sophie, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, NA
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(32) 10.01.2017 (33) US
(51) **H03M 13/13 (2006.01)**
H03M 13/29 (2006.01)
(54) CODING AND DECODING OF A POLAR CODE CONCATENATED WITH INTERLEAVING WITH AN OUTER SYSTEMATIC CODE
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) BLANKENSHIP Yufei and HUI Dennis
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(32) 18.01.2017 (33) US
(51) **F03B 13/20 (2006.01)**
B63B 35/28 (2006.01)
(54) ARTICULATING WAVE ENERGY CONVERSION SYSTEM USING A COMPOUND LEVER-ARM BARGE
(71) MURTECH, INC.
(72) MCCORMICK Michael E and MURTHA Robert C Jr
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 15.01.2018 PCT/US2018/013703
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(31) 2017-000509
(32) 05.01.2017 (33) JP
(51) **H04W 76/20 (2018.01)**
H04W 60/04 (2009.01)
H04W 48/00 (2009.01)
(54) TERMINAL APPARATUS, CORE NETWORK APPARATUS, AND COMMUNICATION CONTROL METHOD
(71) FG INNOVATION COMPANY LIMITED AND SHARP KABUSHIKI KAISHA
(72) KAWASAKI Yudai
(74) FISHER CORMACK & BOTHA
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(51) **A61M 16/20 (2006.01)**
A61M 16/00 (2006.01)
(54) CONTINUOUS POSITIVE AIRWAY PRESSURE DEVICE
(71) COEO LABS PRIVATE LIMITED
(72) OLSON Kristian R, KAKANI Vimal Kishore, RAGHAVAN Raksha, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(51) **A01N 43/40 (2015.01)**
A01N 25/00 (2015.01)
A01N 37/00 (2015.01)
A01N 63/00 (2015.01)
C05G 3/02 (2015.01)
(54) PLANT BIOENHANCER AND BIOPESTICIDES TECHNIQUES FOR PEST CONTROL
(74) ZEKEYA Mwambela Never
(75) ZEKEYA Never
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(23) 29.07.2019
(31) 17000157.2
(32) 01.02.2017 (33) EP
(51) **C07D 471/04 (2006.01)**
A61P 35/00 (2006.01)
A61K 31/437 (2006.01)
(54) ARYL HYDROCARBON RECEPTOR (AHR) MODULATOR COMPOUNDS
(71) Phenex Pharmaceuticals AG
(72) HOFFMANN Thomas, ALBERS Michael, DEUSCHLE Ulrich, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE
(86) 01.02.2018 PCT/EP2018/052538
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(23) 29.07.2019
(31) 17000158.0
(32) 01.02.2017 (33) EP
(51) **A61K 31/437 (2006.01)**
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
(54) ARYL HYDROCARBON RECEPTOR (AHR) MODULATOR COMPOUNDS
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(72) HOFFMANN Thomas, ALBERS Michael, DEUSCHLE Ulrich, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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(86) 01.02.2018 PCT/EP2018/052542
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(23) 30.07.2019
(31) 62/448,019
(32) 19.01.2017 (33) US
(51) **C12N 15/79 (2006.01)**
A01H 5/10 (2006.01)
C12N 15/29 (2006.01)
C12N 15/82 (2006.01)
C12N 15/11 (2006.01)
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(71) MONSANTO TECHNOLOGY LLC
(72) SHARIFF Aabid and DAVIS Ian W.
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(31) 15/835,085
(32) 07.12.2017 (33) US
(31) 62/499,863
(32) 06.02.2017 (33) US
(51) **B61L 27/04 (2006.01)**
B61L 23/14 (2006.01)
B61L 25/02 (2006.01)
(54) POSITIVE TRAIN CONTROL SYSTEM AND APPARATUS EMPLOYING RFID DEVICES
(71) AVANTE INTERNATIONAL TECHNOLOGY, INC.
(72) HUANG Yulin, CHUNG Albert Han-Ping and CHUNG Kevin Kwong-Tai
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 01.02.2018 PCT/US2018/016478
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(31) 201710012218.2
(32) 06.01.2017 (33) CN
(51) **H04W 36/00 (2009.01)**
(54) CANDIDATE CELL DETERMINATION METHOD, USER EQUIPMENT AND BASE STATION
(71) FG INNOVATION COMPANY LIMITED AND SHARP KABUSHIKI KAISHA
(72) ZHANG Chongming
(74) FISHER CORMACK & BOTHA
(84) GH, GM, KE, LR, LS, MW, MZ, RW, SD, TZ, UG, ZW
(86) 22.12.2017 PCT/CN2017/117969
(96) 22.12.2017 AP/P/2019/011754

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Patent Applications Filed (Contd.)

(21) AP/P/2019/011755
(22) 02.02.2018
(23) 31.07.2019
(31) 17155406.6
(32) 09.02.2017 (33) EP
(31) 17202882.1
(32) 21.11.2017 (33) EP
(51) **A61P 35/00 (2006.01)**
C07D 237/04 (2006.01)
A61K 31/501 (2006.01)
C07D 237/24 (2006.01)
C07D 403/04 (2006.01)
C07D 417/14 (2006.01)
C07D 413/04 (2006.01)
C07D 401/04 (2006.01)
C07D 417/04 (2006.01)
C07D 409/04 (2006.01)
C07D 405/14 (2006.01)
C07D 401/14 (2006.01)
(54) 2-HETEROARYL-3-OXO-2,3-DIHYDROPYRIDAZINE-4-CARBOXAMIDES FOR THE TREATMENT OF CANCER
(71) Bayer Pharma Aktiengesellschaft and BAYER AKTIENGESELLSCHAFT
(72) PLATTEN Michael, IRLBACHER Horst, STÖCKIGT Detlef, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE
(86) 02.02.2018 PCT/EP2018/052627
(96) 02.02.2018 AP/P/2019/011755

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Erratum: Patent Applications Filed

The patent application below was published in the June 30, 2019 issue of the ARIPO Journal with 07.06.19 as the filing date. However this was in error. The correct filing date is 06.06.2019 as readvertised below.

(21) AP/P/2019/011642
(22) 12.11.2016
(23) 06.06.2019
(31) 15/345,435
(32) 07.11.2016 (33) US
(51) **G10H 3/18 (2006.01)**
G10D 1/08 (2006.01)
H01R 13/44 (2006.01)
(54) JACK CAPS
(74) SAMURIWO ATTORNEYS
(75) BAILEY Andy
(84) GH, KE, MZ, NA, SD, SL, TZ, UG, ZM, ZW
(86) 12.11.2016 PCT/US2016/061724
(96) 12.11.2016 AP/P/2019/011642

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Patent Applications Abandoned

(21) AP/P/2016/009371
(23) 12.07.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/4184 (2006.01)
C07D 235/30 (2006.01)
(54) BENZIMIDAZOL-2-AMINES AS MIDH1 INHIBITORS
(71) BAYER PHARMA AKTIENGESELLSCHAFT
(72) BLANEY Paul Matthew, NEUHAUS Roland, KAULFUSS Stefan, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2018/010718
(23) 12.07.2019
(51) **F16S 3/00 (2006.01)**
E04B 1/41 (2006.01)
F16B 13/04 (2006.01)
E04B 1/21 (2006.01)
E04B 1/58 (2006.01)
E04B 1/24 (2006.01)
(54) SUPPORT APPARATUS AND ITS COMPONENTS
(71) 2ELMS PTE. LTD.
(72) WYATT Gary Donald and NG WEE Beng
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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Patent Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2005/003372	28.06.2019	25.07.2020	14th yr
AP/P/2012/006104	25.06.2019	24.06.2020	9th yr
AP/P/2013/006955	21.06.2019	27.06.2020	6th yr
AP/P/2013/007217	05.07.2019	01.11.2020	6th yr
AP/P/2013/007293	17.07.2019	31.08.2020	7th yr
AP/P/2014/007366	25.06.2019	13.07.2020	7th yr
AP/P/2014/007390	28.06.2019	27.07.2020	7th yr
AP/P/2014/007409	21.06.2019	24.07.2020	7th yr
AP/P/2014/007411	12.07.2019	30.07.2020	7th yr
AP/P/2014/007415	28.06.2019	09.07.2020	7th yr
AP/P/2014/007427	28.06.2019	19.07.2020	7th yr
AP/P/2014/007490	28.06.2019	31.07.2020	7th yr
AP/P/2015/008195	14.06.2019	19.06.2020	6th yr
AP/P/2015/008206	28.06.2019	12.07.2020	6th yr
AP/P/2015/008211	17.07.2019	12.07.2020	6th yr
AP/P/2015/008248	12.07.2019	28.08.2020	6th yr
AP/P/2015/008249	12.07.2019	28.08.2020	6th yr
AP/P/2015/008290	05.07.2019	26.08.2020	6th yr
AP/P/2015/008657	17.07.2019	20.02.2020	5th yr
AP/P/2015/008860	20.07.2019	28.07.2020	5th yr
AP/P/2015/008918	28.06.2019	26.07.2020	6th yr
AP/P/2015/008929	28.06.2019	12.07.2020	7th yr
AP/P/2015/008934	14.06.2019	01.08.2020	5th yr
AP/P/2015/008958	21.06.2019	01.07.2020	5th yr
AP/P/2016/008972	28.06.2019	08.07.2020	5th yr
AP/P/2016/008977	12.07.2019	21.07.2020	5th yr
AP/P/2016/008984	12.07.2019	12.07.2020	6th yr
AP/P/2016/008996	12.07.2019	25.07.2020	5th yr
AP/P/2016/009005	28.06.2019	17.07.2020	5th yr
AP/P/2016/009006	28.06.2019	17.07.2020	5th yr
AP/P/2016/009009	25.07.2019	29.07.2020	5th yr
AP/P/2016/009010	12.07.2019	23.07.2020	5th yr
AP/P/2016/009011	14.06.2019	31.07.2020	5th yr
AP/P/2016/009023	21.06.2019	18.07.2020	5th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2016/009029	28.06.2019	20.08.2020	5th yr
AP/P/2016/009044	03.07.2019	27.06.2020	5th yr
AP/P/2016/009050	28.06.2019	11.07.2020	5th yr
AP/P/2016/009053	20.07.2019	21.07.2020	5th yr
AP/P/2016/009055	25.07.2019	25.07.2020	5th yr
AP/P/2016/009069	21.06.2019	07.08.2020	5th yr
AP/P/2016/009081	28.06.2019	24.07.2020	5th yr
AP/P/2016/009082	28.06.2019	20.08.2020	5th yr
AP/P/2016/009108	12.07.2019	07.08.2020	5th yr
AP/P/2016/009311	28.06.2019	01.07.2020	3rd yr
AP/P/2016/009320	14.06.2019	01.08.2020	5th yr
AP/P/2016/009381	22.07.2019	21.01.2020	4th yr
AP/P/2016/009381	22.07.2019	21.01.2017	1st yr
AP/P/2016/009430	23.01.2019	23.01.2020	4th yr
AP/P/2016/009466	12.07.2019	16.07.2020	7th yr
AP/P/2016/009575	05.07.2019	13.05.2020	4th yr
AP/P/2016/009575	05.07.2019	13.05.2017	1st yr
AP/P/2016/009614	14.06.2019	28.07.2020	5th yr
AP/P/2016/009615	12.07.2019	21.07.2020	4th yr
AP/P/2016/009616	12.07.2019	23.07.2020	4th yr
AP/P/2016/009619	03.07.2018	18.06.2019	3rd yr
AP/P/2016/009619	19.06.2019	18.06.2020	4th yr
AP/P/2017/009673	28.06.2019	09.07.2020	5th yr
AP/P/2017/009676	28.06.2019	16.07.2020	4th yr
AP/P/2017/009682	28.06.2019	30.07.2020	4th yr
AP/P/2017/009691	28.06.2019	22.07.2020	4th yr
AP/P/2017/009695	21.06.2019	27.07.2020	4th yr
AP/P/2017/009705	17.07.2019	17.07.2020	4th yr
AP/P/2017/009706	17.07.2019	17.07.2020	4th yr
AP/P/2017/009707	17.07.2019	17.07.2020	4th yr
AP/P/2017/009708	21.06.2019	09.07.2020	4th yr
AP/P/2017/009709	17.07.2019	17.07.2020	4th yr
AP/P/2017/009713	12.07.2019	23.07.2020	4th yr
AP/P/2017/009722	05.07.2019	17.07.2020	4th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/009728	12.07.2019	24.07.2020	4th yr
AP/P/2017/009730	05.07.2019	14.08.2020	4th yr
AP/P/2017/009731	21.06.2019	07.07.2020	4th yr
AP/P/2017/009732	20.07.2019	28.07.2020	4th yr
AP/P/2017/009734	21.06.2019	27.07.2020	4th yr
AP/P/2017/009743	21.06.2019	16.07.2020	4th yr
AP/P/2017/009746	28.06.2019	01.07.2020	4th yr
AP/P/2017/009747	28.06.2019	28.07.2020	4th yr
AP/P/2017/009751	20.07.2019	30.07.2020	4th yr
AP/P/2017/009762	20.07.2019	31.07.2020	4th yr
AP/P/2017/009768	28.06.2019	13.07.2020	4th yr
AP/P/2017/009788	28.06.2019	28.08.2020	4th yr
AP/P/2017/009790	12.07.2019	27.08.2020	4th yr
AP/P/2017/009811	14.06.2019	10.07.2020	4th yr
AP/P/2017/009827	12.07.2019	28.08.2020	4th yr
AP/P/2017/009878	21.06.2019	24.09.2020	4th yr
AP/P/2017/009899	14.06.2019	06.10.2020	4th yr
AP/P/2017/009924	17.07.2019	14.10.2020	4th yr
AP/P/2017/009998	02.04.2019	27.11.2017	1st yr
AP/P/2017/009998	02.04.2019	27.11.2018	2nd yr
AP/P/2017/010045	21.06.2019	05.07.2020	2nd yr
AP/P/2017/010134	12.07.2019	14.08.2020	2nd yr
AP/P/2017/010151	17.07.2019	21.01.2020	3rd yr
AP/P/2017/010182	28.06.2019	13.07.2020	4th yr
AP/P/2017/010214	09.07.2019	07.03.2020	3rd yr
AP/P/2017/010214	09.07.2019	07.03.2018	1st yr
AP/P/2017/010311	12.07.2019	23.06.2020	3rd yr
AP/P/2017/010314	12.07.2019	01.08.2020	3rd yr
AP/P/2017/010319	12.07.2019	01.08.2020	3rd yr
AP/P/2017/010332	12.07.2019	01.08.2020	3rd yr
AP/P/2017/010350	12.07.2019	01.08.2020	3rd yr
AP/P/2017/010358	12.07.2019	01.08.2020	3rd yr
AP/P/2017/010361	17.07.2019	10.06.2020	3rd yr
AP/P/2017/010365	14.06.2019	13.06.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/010367	28.06.2019	08.06.2020	3rd yr
AP/P/2017/010392	14.06.2019	21.06.2020	3rd yr
AP/P/2017/010398	12.07.2019	05.08.2020	3rd yr
AP/P/2017/010409	22.05.2019	25.05.2020	3rd yr
AP/P/2017/010414	21.06.2019	01.07.2020	3rd yr
AP/P/2018/010419	28.06.2019	05.07.2020	3rd yr
AP/P/2018/010421	09.07.2019	16.07.2019	3rd yr
AP/P/2018/010421	09.07.2019	16.07.2017	1st yr
AP/P/2018/010421	09.07.2019	16.07.2020	4th yr
AP/P/2018/010425	14.06.2019	17.06.2020	3rd yr
AP/P/2018/010427	28.06.2019	13.07.2020	3rd yr
AP/P/2018/010428	02.07.2019	03.06.2020	3rd yr
AP/P/2018/010428	02.07.2019	03.06.2018	1st yr
AP/P/2018/010429	26.06.2019	08.07.2020	3rd yr
AP/P/2018/010447	25.06.2019	03.07.2020	4th yr
AP/P/2018/010451	12.07.2019	22.07.2020	3rd yr
AP/P/2018/010452	12.07.2019	22.07.2020	3rd yr
AP/P/2018/010454	05.07.2019	25.08.2020	3rd yr
AP/P/2018/010458	12.07.2019	22.07.2020	3rd yr
AP/P/2018/010463	28.06.2019	01.07.2020	3rd yr
AP/P/2018/010464	28.06.2019	14.07.2020	3rd yr
AP/P/2018/010468	28.06.2019	22.07.2020	3rd yr
AP/P/2018/010477	04.06.2019	13.07.2020	4th yr
AP/P/2018/010478	28.06.2019	08.07.2020	4th yr
AP/P/2018/010479	26.06.2019	08.07.2020	3rd yr
AP/P/2018/010481	26.06.2019	08.07.2020	3rd yr
AP/P/2018/010482	26.06.2019	08.07.2020	3rd yr
AP/P/2018/010483	20.07.2019	29.07.2020	3rd yr
AP/P/2018/010492	21.06.2019	15.07.2020	3rd yr
AP/P/2018/010497	17.07.2019	18.07.2020	3rd yr
AP/P/2018/010498	22.07.2019	28.07.2020	3rd yr
AP/P/2018/010499	12.07.2019	19.07.2020	3rd yr
AP/P/2018/010500	28.06.2019	01.07.2020	3rd yr
AP/P/2018/010505	28.06.2019	22.07.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010508	28.06.2019	08.07.2020	3rd yr
AP/P/2018/010512	05.07.2019	26.07.2020	3rd yr
AP/P/2018/010518	09.07.2019	15.07.2019	2nd yr
AP/P/2018/010518	09.07.2019	15.07.2020	3rd yr
AP/P/2018/010519	15.07.2019	17.07.2020	4th yr
AP/P/2018/010520	12.07.2019	21.07.2020	3rd yr
AP/P/2018/010521	12.07.2019	22.07.2020	3rd yr
AP/P/2018/010522	28.06.2019	20.07.2020	3rd yr
AP/P/2018/010524	05.07.2019	19.07.2020	3rd yr
AP/P/2018/010525	12.07.2019	22.07.2020	3rd yr
AP/P/2018/010528	17.07.2019	10.08.2020	3rd yr
AP/P/2018/010529	20.07.2019	28.07.2020	3rd yr
AP/P/2018/010531	14.06.2019	03.08.2020	3rd yr
AP/P/2018/010532	12.07.2019	22.07.2020	3rd yr
AP/P/2018/010539	12.07.2019	21.07.2020	3rd yr
AP/P/2018/010542	28.06.2019	29.08.2020	3rd yr
AP/P/2018/010553	21.06.2019	28.07.2020	2nd yr
AP/P/2018/010563	12.07.2019	01.09.2020	3rd yr
AP/P/2018/010564	21.06.2019	18.08.2020	3rd yr
AP/P/2018/010570	12.07.2019	01.09.2020	3rd yr
AP/P/2018/010603	12.07.2019	26.08.2020	3rd yr
AP/P/2018/010629	17.07.2019	06.10.2020	3rd yr
AP/P/2018/010734	26.04.2019	05.12.2019	2nd yr
AP/P/2018/010810	05.07.2019	11.07.2020	2nd yr
AP/P/2018/010822	14.06.2019	22.06.2020	1st yr
AP/P/2018/010865	14.06.2019	04.07.2020	1st yr
AP/P/2018/010866	14.06.2019	04.07.2020	1st yr
AP/P/2018/010870	14.06.2019	09.07.2020	1st yr
AP/P/2018/010948	12.07.2019	14.08.2020	1st yr
AP/P/2018/010962	12.07.2019	23.08.2020	1st yr
AP/P/2018/011177	21.06.2019	25.04.2018	1st yr
AP/P/2018/011177	21.06.2019	25.04.2019	2nd yr
AP/P/2018/011181	09.07.2019	21.07.2020	2nd yr
AP/P/2018/011185	17.07.2019	17.08.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011191	12.07.2019	21.08.2020	1st yr
AP/P/2018/011214	28.06.2019	05.07.2020	2nd yr
AP/P/2018/011238	14.06.2019	13.07.2020	2nd yr
AP/P/2018/011248	14.06.2019	13.07.2020	2nd yr
AP/P/2019/011275	14.06.2019	20.06.2020	2nd yr
AP/P/2019/011277	12.07.2019	27.06.2020	2nd yr
AP/P/2019/011279	28.06.2019	10.07.2020	2nd yr
AP/P/2019/011280	28.06.2019	14.07.2020	2nd yr
AP/P/2019/011283	28.06.2019	12.07.2020	2nd yr
AP/P/2019/011287	21.06.2019	01.07.2020	3rd yr
AP/P/2019/011291	12.07.2019	31.07.2020	2nd yr
AP/P/2019/011294	28.06.2019	06.07.2020	2nd yr
AP/P/2019/011295	28.06.2019	06.07.2020	2nd yr
AP/P/2019/011299	14.06.2019	21.06.2020	2nd yr
AP/P/2019/011300	14.06.2019	21.06.2020	2nd yr
AP/P/2019/011302	12.07.2019	01.08.2020	2nd yr
AP/P/2019/011307	28.06.2019	25.07.2020	2nd yr
AP/P/2019/011308	14.06.2019	14.09.2020	2nd yr
AP/P/2019/011310	20.07.2019	25.07.2020	3rd yr
AP/P/2019/011324	20.07.2019	26.07.2020	2nd yr
AP/P/2019/011326	05.07.2019	04.08.2020	2nd yr
AP/P/2019/011327	28.06.2019	28.07.2020	2nd yr
AP/P/2019/011328	30.07.2019	04.08.2020	2nd yr
AP/P/2019/011332	12.07.2019	21.08.2020	2nd yr
AP/P/2019/011344	15.07.2019	17.07.2020	2nd yr
AP/P/2019/011348	14.03.2019	24.08.2019	1st yr
AP/P/2019/011368	05.07.2019	23.08.2020	2nd yr
AP/P/2019/011370	13.07.2019	09.08.2020	2nd yr
AP/P/2019/011378	28.06.2019	11.09.2020	2nd yr
AP/P/2019/011393	12.07.2019	01.09.2020	2nd yr
AP/P/2019/011421	28.06.2019	25.07.2020	2nd yr
AP/P/2019/011525	21.06.2019	15.03.2020	2nd yr
AP/P/2019/011537	25.06.2019	11.07.2020	2nd yr
AP/P/2019/011538	25.06.2019	11.07.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011558	12.07.2019	13.10.2020	2nd yr
AP/P/2019/011582	12.07.2019	13.10.2020	2nd yr
AP/P/2019/011583	12.07.2019	13.10.2020	2nd yr
AP/P/2019/011585	12.07.2019	13.10.2020	2nd yr
AP/P/2019/011618	03.06.2019	08.12.2019	1st yr
AP/P/2019/011622	03.06.2019	03.11.2019	1st yr
AP/P/2019/011628	14.06.2019	09.11.2019	1st yr
AP/P/2019/011628	14.06.2019	09.11.2020	2nd yr
AP/P/2019/011629	26.06.2019	21.12.2019	1st yr
AP/P/2019/011633	11.07.2019	31.10.2019	1st yr
AP/P/2019/011639	26.06.2019	07.12.2019	1st yr
AP/P/2019/011643	14.06.2019	15.12.2019	1st yr
AP/P/2019/011644	14.06.2019	30.11.2019	1st yr
AP/P/2019/011646	14.06.2019	20.12.2019	1st yr
AP/P/2019/011647	14.06.2019	06.01.2020	4th yr
AP/P/2019/011647	14.06.2019	06.01.2019	3rd yr
AP/P/2019/011647	14.06.2019	06.01.2018	2nd yr
AP/P/2019/011647	14.06.2019	06.01.2017	1st yr
AP/P/2019/011649	14.06.2019	14.12.2019	1st yr
AP/P/2019/011651	14.06.2019	13.11.2019	1st yr
AP/P/2019/011653	14.06.2019	17.11.2019	1st yr
AP/P/2019/011656	21.06.2019	23.03.2020	1st yr
AP/P/2019/011656	21.06.2019	23.03.2021	2nd yr
AP/P/2019/011658	21.06.2019	14.11.2019	1st yr
AP/P/2019/011659	21.06.2019	15.12.2019	1st yr
AP/P/2019/011662	21.06.2019	15.12.2019	1st yr
AP/P/2019/011663	21.06.2019	20.12.2019	1st yr
AP/P/2019/011665	21.06.2019	22.08.2019	1st yr
AP/P/2019/011665	21.06.2019	22.08.2020	2nd yr
AP/P/2019/011666	21.06.2019	19.12.2019	1st yr
AP/P/2019/011667	11.07.2019	02.08.2019	1st yr
AP/P/2019/011667	11.07.2019	02.08.2020	2nd yr
AP/P/2019/011668	11.07.2019	29.08.2019	1st yr
AP/P/2019/011668	11.07.2019	29.08.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011669	11.07.2019	29.08.2019	1st yr
AP/P/2019/011669	11.07.2019	29.08.2020	2nd yr
AP/P/2019/011670	28.06.2019	13.12.2019	1st yr
AP/P/2019/011672	21.06.2019	13.12.2019	1st yr
AP/P/2019/011674	21.06.2019	20.12.2019	1st yr
AP/P/2019/011675	21.06.2019	07.11.2019	1st yr
AP/P/2019/011676	21.06.2019	21.12.2019	1st yr
AP/P/2019/011678	21.06.2019	22.12.2019	1st yr
AP/P/2019/011679	28.06.2019	20.12.2019	1st yr
AP/P/2019/011679	28.06.2019	20.12.2020	2nd yr
AP/P/2019/011680	26.06.2019	08.12.2018	1st yr
AP/P/2019/011680	26.06.2019	08.12.2019	2nd yr
AP/P/2019/011680	26.06.2019	08.12.2020	3rd yr
AP/P/2019/011681	28.06.2019	05.01.2020	1st yr
AP/P/2019/011682	26.06.2019	08.12.2018	1st yr
AP/P/2019/011682	26.06.2019	08.12.2019	2nd yr
AP/P/2019/011682	26.06.2019	08.12.2020	3rd yr
AP/P/2019/011683	28.06.2019	16.05.2016	1st yr
AP/P/2019/011683	28.06.2019	16.05.2017	2nd yr
AP/P/2019/011683	28.06.2019	16.05.2018	3rd yr
AP/P/2019/011683	28.06.2019	16.05.2019	4th yr
AP/P/2019/011685	28.06.2019	06.12.2019	1st yr
AP/P/2019/011686	28.06.2019	30.12.2018	1st yr
AP/P/2019/011686	28.06.2019	30.12.2019	2nd yr
AP/P/2019/011687	28.06.2019	19.12.2019	1st yr
AP/P/2019/011688	28.06.2019	05.01.2020	1st yr
AP/P/2019/011689	28.06.2019	10.11.2019	1st yr
AP/P/2019/011689	28.06.2019	10.11.2020	2nd yr
AP/P/2019/011690	28.06.2019	29.12.2019	1st yr
AP/P/2019/011691	28.06.2019	27.09.2019	1st yr
AP/P/2019/011691	28.06.2019	27.09.2020	2nd yr
AP/P/2019/011694	12.07.2019	30.11.2019	1st yr
AP/P/2019/011700	05.07.2019	05.01.2020	1st yr
AP/P/2019/011701	05.07.2019	15.12.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011705	09.07.2019	06.12.2019	1st yr
AP/P/2019/011706	12.07.2019	11.12.2019	1st yr
AP/P/2019/011706	12.07.2019	11.12.2020	2nd yr
AP/P/2019/011710	17.07.2019	16.07.2014	1st yr
AP/P/2019/011710	17.07.2019	16.07.2017	4th yr
AP/P/2019/011710	17.07.2019	16.07.2016	3rd yr
AP/P/2019/011710	17.07.2019	16.07.2015	2nd yr
AP/P/2019/011710	17.07.2019	16.07.2020	7th yr
AP/P/2019/011710	17.07.2019	16.07.2019	6th yr
AP/P/2019/011710	17.07.2019	16.07.2018	5th yr
AP/P/2019/011713	12.07.2019	15.12.2018	1st yr
AP/P/2019/011713	12.07.2019	15.12.2019	2nd yr
AP/P/2019/011715	17.07.2019	22.12.2019	1st yr
AP/P/2019/011715	17.07.2019	22.12.2020	2nd yr
AP/P/2019/011718	17.07.2019	21.12.2019	1st yr
AP/P/2019/011718	17.07.2019	21.12.2020	2nd yr
AP/P/2019/011719	20.07.2019	14.12.2019	1st yr
AP/P/2019/011723	20.07.2019	02.02.2020	1st yr
AP/P/2019/011727	20.07.2019	26.02.2020	1st yr
AP/P/2019/011730	20.07.2019	29.08.2019	1st yr
AP/P/2019/011730	20.07.2019	29.08.2020	2nd yr

Patents and Patent Applications Assigned

(11) AP 2101
(23) 21.06.2019
(51) **A23L 1/00 (2006.01)**
A23L 1/30 (2006.01)
A23L 1/40 (2006.01)
(54) HARD BOUILLON TABLET OR CUBE
(71) Société Des Produits Nestlé S.A.
(72) GNOU Jean, KOUADIO Martin, SORO Mamadou, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009364
(23) 26.07.2019
(51) **B65B 9/02 (2006.01)**
B65D 81/32 (2006.01)
B65D 25/04 (2006.01)
B65B 37/16 (2006.01)
B65B 29/10 (2006.01)
B65B 1/16 (2006.01)
(54) PREMIX PACKAGING
(71) ORBILINE (PTY) LTD
(72) SCHEEPERS Gerhardus Francois
(74) GALLOWAY & COMPANY
(84) GH, KE, MW, MZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/010279
(23) 23.07.2019
(51) **G07F 17/00 (2006.01)**
G07F 15/00 (2006.01)
G07F 7/00 (2006.01)
(54) OBTAINING A CONSERVED TOKEN IDENTIFIER FOR USE IN GENERATING A TOKEN FOR A PREPAYMENT METER
(71) SYNTELL SMART WORKS (PTY) LTD
(72) KRUGER Philip Adriaan, VAN DER VLIS Vincent John Spencer and STONE Richard Justin
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/010441
(23) 23.07.2019
(51) **G01D 4/00 (2006.01)**
G06F 13/00 (2006.01)
G06F 21/00 (2006.01)
(54) METER INTERFACE SYSTEM
(71) SYNTELL SMART WORKS (PTY) LTD
(72) STONE Richard Justin
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, KE, MW, MZ, NA, RW, SD, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/010870
(23) 23.07.2019
(51) **G06Q 10/00 (2006.01)**
(54) METHOD AND SYSTEM FOR FACILITATING A REFUND FOR A PREPAYMENT TOKEN
(71) SYNTELL SMART WORKS (PTY) LTD
(72) STONE Richard Justin
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, KE, MW, MZ, NA, RW, SD, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/010958
(23) 04.07.2019
(51) **B65B 61/02 (2006.01)**
B65B 25/00 (2006.01)
B65B 11/00 (2006.01)
B65B 41/00 (2006.01)
B65B 25/06 (2006.01)
B65B 23/00 (2006.01)
(54) A LASER CODED FOLD WRAPPED FOOD CONCENTRATE TABLET
(71) Société Des Produits Nestlé S.A.
(72) MANCEAU Carole, WOLLMANN Lydia and WEIER Detlef
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/011149
(23) 23.07.2019
(51) **G07F15/06 (2015.01)**
G06Q20/14 (2015.01)
G06Q20/28 (2015.01)
G06Q50/06 (2015.01)
G07F15/00 (2015.01)
G07F15/10 (2015.01)
G01D4/00 (2015.01)
(54) METHOD AND SYSTEM FOR METERING CONSUMPTION OF A UTILITY
(71) SYNTELL SMART WORKS (PTY) LTD
(72) STONE Richard Justin
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, KE, MW, MZ, NA, RW, SD, SZ, TZ, UG, ZM, ZW

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Patent Applications Pending Grant

(21) AP/P/2013/006699
(22) 30.01.2013
(23) 10.07.2019
(51) **B62K 11/00 (2006.01)**
B62J 11/00 (2006.01)
B62J 99/00 (2006.01)
B62D 61/00 (2006.01)
B62K 25/20 (2006.01)
B62M 7/02 (2006.01)
(54) MOTORCYCLE
(74) FISHER CORMACK & BOTHA
(84) BW, KE, MZ, NA, TZ, ZM, ZW

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(21) AP/P/2013/006858
(22) 12.10.2011
(23) 05.07.2019
(51) **B61D 47/00 (2006.01)**
B65G 65/34 (2006.01)
B65G 67/22 (2006.01)
B61K 1/02 (2006.01)
B65G 67/04 (2006.01)
B65G 69/22 (2006.01)
(54) BULK MATERIAL LOADING ARRANGEMENT
(74) FISHER CORMACK & BOTHA
(84) BW, GH, LS, MZ, NA, SZ, ZM, ZW

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(21) AP/P/2013/007091
(22) 07.03.2012
(23) 11.07.2019
(51) **G06F 1/26 (2006.01)**
(54) SYSTEMS AND METHODS FOR ACTIVATION AND DEACTIVATION OF APPLIANCES
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2013/007139
(22) 28.02.2011
(23) 05.07.2019
(51) **B07B 1/46 (2006.01)**
(54) SCREEN PANEL
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2013/007256
(22) 15.05.2012
(23) 05.07.2019
(51) **B61D 15/00 (2006.01)**
(54) RAILWAY WORK VEHICLE
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2013/007343
(22) 15.06.2012
(23) 15.07.2019
(51) **F03G 7/04 (2006.01)**
(54) POWER GENERATION SYSTEM
(74) FISHER CORMACK & BOTHA
(84) BW, GM, LR, MW, NA, SD, SZ, UG, ZW

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(21) AP/P/2014/007485
(22) 03.09.2012
(23) 01.07.2019
(51) **A21B 17/02 (2006.01)**
E21B 33/038 (2006.01)
E21B 43/013 (2006.01)
F16L 1/26 (2006.01)
F16L 9/18 (2006.01)
F16L 37/00 (2006.01)
F16L 39/00 (2006.01)
H01R 13/523 (2006.01)
(54) A CONNECTOR ARRANGEMENT FOR A SUBSEA PIPELINE
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/007549
(22) 05.09.2012
(23) 11.07.2019
(51) **E21B 43/01 (2006.01)**
E21B 17/01 (2006.01)
E21B 19/00 (2006.01)
F16B 37/08 (2006.01)
(54) METHOD FOR CONNECTING A FLEXIBLE LINE TO A STRUCTURE OF A FLUID EXPLOITATION INSTALLATION
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/007620
(22) 10.10.2011
(23) 19.07.2019
(51) **B66F 9/02 (2006.01)**
B66F 9/065 (2006.01)
B66C 1/68 (2006.01)
B65G 65/23 (2006.01)
(54) CONTAINER HANDLING METHOD AND APPARATUS
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/008107
(22) 10.05.2013
(23) 23.07.2019
(51) **H04L 1/00 (2006.01)**
H04W 72/04 (2009.01)
(54) METHOD AND ARRANGEMENT IN A WIRELESS COMMUNICATION SYSTEM
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008190
(22) 01.07.2013
(23) 29.07.2019
(51) **F28F 13/06 (2006.01)**
F24F 13/15 (2006.01)
(54) DEVICE AND METHOD FOR MINIMIZING THE EFFECT OF AMBIENT CONDITIONS ON THE OPERATION OF A HEAT EXCHANGER
(74) FISHER CORMACK & BOTHA
(84) KE, RW, TZ, UG

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(21) AP/P/2015/008310
(22) 19.09.2013
(23) 30.07.2019
(51) **B01D 61/12 (2006.01)**
(54) METHOD AND DEVICE FOR THE UNDERWATER TESTING OF A FILTRATION SYSTEM
(74) FISHER CORMACK & BOTHA
(84) GH, MZ

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(21) AP/P/2015/008316
(22) 05.09.2013
(23) 12.07.2019
(51) **F24J 2/10 (2006.01)**
F24J 2/05 (2006.01)
F03G 6/06 (2006.01)
F24J 2/42 (2006.01)
F24J 2/12 (2006.01)
(54) LOW COST HIGH EFFICIENCY SOLAR POWER PLANT
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008383
(22) 28.10.2013
(23) 02.07.2019
(51) **G02B 6/44 (2006.01)**
H02G 9/10 (2006.01)
H02G 3/18 (2006.01)
(54) ENHANCED STRENGTH GRADE LEVEL UTILITIES ENCLOSURE
(74) GALLOWAY & COMPANY
(84) BW, KE, ZW

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(21) AP/P/2015/008417
(22) 29.10.2013
(23) 10.07.2019
(51) **E21B 23/06 (2006.01)**
E21B 33/13 (2006.01)
(54) PRODUCTION ENHANCEMENT METHOD FOR FRACTURED WELLBORES
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH

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(21) AP/P/2015/008455
(22) 22.11.2013
(23) 12.07.2019
(51) **F16L 58/18 (2006.01)**
F16L 57/06 (2006.01)
F16L 21/035 (2006.01)
(54) TUBULAR JOINT
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008460
(22) 23.10.2013
(23) 26.07.2019
(51) **H04W 36/00 (2009.01)**
(54) APPARATUS AND METHODS OF ENHANCED MOBILITY MANAGEMENT
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008500
(22) 21.10.2013
(23) 09.07.2019
(51) **B32B 27/10 (2006.01)**
D21H 17/33 (2006.01)
D21H 21/40 (2006.01)
(54) COUNTERFEIT-PROOF MULTI-LAYERED PRODUCT AND METHOD FOR PRODUCING SAME
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) RW, TZ

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2015/008551
(22) 27.09.2013
(23) 11.07.2019
(51) **C06B 31/28 (2006.01)**
F42D 1/10 (2006.01)
(54) FIELD EMULSION EXPLOSIVE MIXING AND CHARGING SYSTEM AND CHARGING METHOD SUITABLE FOR UNDERGROUND ENGINEERING
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) LR

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(21) AP/P/2015/008664
(22) 11.02.2014
(23) 26.07.2019
(51) **A61P 37/00 (2006.01)**
C07D 519/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
(54) PYRROLO [2, 3 -D]PYRIMIDINE DERIVATIVES AS INHIBITORS OF JANUS- RELATED KINASES (JAK)
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008677
(22) 28.02.2014
(23) 16.07.2019
(51) **H01Q 1/36 (2006.01)**
H01Q 1/04 (2006.01)
(54) EXCITATION AND USE OF GUIDED SURFACE WAVE MODES ON LOSSY MEDIA
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008786
(22) 26.02.2014
(23) 22.07.2019
(51) **H04L 9/32 (2006.01)**
(54) SYSTEMS, METHODS AND DEVICES FOR PERFORMING PASSCODE AUTHENTICATION
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) KE, TZ

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(21) AP/P/2015/008788
(22) 06.10.2015
(23) 03.07.2019
(51) **C07C 219/06 (2006.01)**
C07C 213/06 (2006.01)
C11D 3/20 (2006.01)
C11D 3/00 (2006.01)
C11D 1/62 (2006.01)
(54) FABRIC SOFTENER ACTIVE COMPOSITION
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008832
(22) 15.05.2014
(23) 22.07.2019
(51) **G06Q 20/32 (2012.01)**
G06Q 20/40 (2012.01)
(54) METHODS AND SYSTEMS FOR PROVISIONING PAYMENT CREDENTIALS
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, KE, RW, TZ, UG

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(21) AP/P/2015/008852
(22) 14.05.2014
(23) 05.07.2019
(51) **B02C 25/00 (2006.01)**
B02C 2/04 (2006.01)
(54) A GRINDING APPARATUS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008932
(22) 04.06.2014
(23) 22.07.2019
(51) **B66D 1/74 (2006.01)**
B66D 1/39 (2006.01)
F16L 1/235 (2006.01)
(54) DEVICE FOR LAYING AN ELONGATE ELEMENT IN A STRETCH OF WATER, ASSOCIATED INSTALLATION AND ASSOCIATED METHOD
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008961
(22) 29.04.2014
(23) 10.07.2019
(51) **F16D 7/04 (2006.01)**
F16K 31/50 (2006.01)
(54) VALVE FOR A TAP OR FAUCET
(74) ENSafrica Namibia
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/008979
(22) 05.02.2014
(23) 15.07.2019
(51) **D21C 3/04 (2006.01)**
D21C 1/04 (2006.01)
C12P 7/10 (2006.01)
(54) LIGNOCELLULOSIC BIOMASS PROCESSING USING SINGLE-STAGE AUTOHYDROLYSIS PRETREATMENT AND ENZYMATIC HYDROLYSIS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/008984
(22) 12.07.2013
(23) 09.07.2019
(51) **B63B 21/50 (2006.01)**
(54) DISCONNECTABLE SUBMERGED BUOY MOORING DEVICE COMPRISING CLAMPING DOGS
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/008989
(22) 22.07.2014
(23) 15.07.2019
(51) **A61K 31/4725 (2006.01)**
C07D 409/14 (2006.01)
A61P 37/00 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
C07D 401/10 (2006.01)
A61K 31/4709 (2006.01)
C07D 405/14 (2006.01)
C07D 401/14 (2006.01)
(54) NEW ISOINDOLINE OR ISOQUINOLINE COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/008990
(22) 22.07.2014
(23) 16.07.2019
(51) **A61P 37/00 (2006.01)**
A61P 35/00 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/4709 (2006.01)
C07D 519/00 (2006.01)
C07D 487/04 (2006.01)
C07D 471/04 (2006.01)
(54) NEW INDOLIZINE COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2016/009002
(22) 14.06.2011
(23) 18.07.2019
(51) **A61P 9/04 (2006.01)**
A61K 45/06 (2006.01)
A61K 31/55 (2006.01)
A61K 31/4045 (2006.01)
(54) USE OF THE COMBINATION OF AN INHIBITOR OF THE IF CURRENT OF THE SINOATRIAL NODE AND AN INHIBITOR OF THE ANGIOTENSIN-CONVERTING ENZYME FOR TREATING HEART FAILURE
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009023
(22) 18.07.2014
(23) 30.07.2019
(51) **A61K 31/18 (2006.01)**
C07C 311/46 (2006.01)
(54) SULFONAMIDES AS MODULATORS OF SODIUM CHANNELS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009024
(22) 15.07.2014
(23) 30.07.2019
(51) **C07C 11/00 (2006.01)**
C07C 9/00 (2006.01)
C07C 1/04 (2006.01)
C07B 61/00 (2006.01)
B01J 8/22 (2006.01)
C10G 2/00 (2006.01)
(54) REATOR FOR HYDROCARBON SYNTHESIS
(74) FISHER CORMACK & BOTHA
(84) MZ, TZ

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(21) AP/P/2016/009040
(22) 04.11.2013
(23) 11.07.2019
(51) **H04W 36/32 (2009.01)**
H04W 68/00 (2009.01)
H04W 8/02 (2009.01)
(54) MOBILE COMMUNICATION SYSTEM AND METHOD SUPPORTING CIRCUIT-SWITCHED FALLBACK
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) RW

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(21) AP/P/2016/009145
(22) 08.10.2014
(23) 11.07.2019
(51) **G01G 23/42 (2006.01)**
G01G 19/02 (2006.01)
G01G 23/01 (2006.01)
G01G 23/37 (2006.01)
(54) VEHICLE OVERLOAD MANAGEMENT SYSTEM
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009159
(22) 31.10.2014
(23) 11.07.2019
(51) **A61K 9/08 (2006.01)**
A61K 47/10 (2006.01)
A61K 9/00 (2006.01)
(54) FORMULATION FOR GONADOTROPINS
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, KE, NA, RW, SD, TZ, UG, ZW

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(21) AP/P/2016/009180
(22) 30.10.2014
(23) 11.07.2019
(51) **A61P 3/10 (2006.01)**
A61K 31/7056 (2006.01)
C07H 17/02 (2006.01)
(54) 4-{4-[(1 E)-4-(2,9-DIAZASPIRO[5.5] UNDEC-2-YL)BUT-1 -EN-1 -YL]-2-METHYLBENZYL}-5-(PROPAN-2-YL)-1 H-PYRAZOL-3-YL BETA-D-GLUCOPYRANOSIDE ACETATE
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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(21) AP/P/2016/009190
(22) 08.10.2014
(23) 11.07.2019
(51) **A61K 8/06 (2006.01)**
A61K 8/92 (2006.01)
A61K 8/26 (2006.01)
A61Q 15/00 (2006.01)
(54) IMPROVED ANTIPERSPIRANT COMPOSITION
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009198
(22) 14.11.2014
(23) 11.07.2019
(51) **C22B 3/00 (2006.01)**
C22B 15/00 (2006.01)
C22B 3/02 (2006.01)
C22B 3/26 (2006.01)
(54) METHOD OF RECOVERING COBALT AND COPPER
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) ZM, ZW

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(21) AP/P/2016/009206
(22) 29.09.2014
(23) 12.07.2019
(51) **G06Q 20/32 (2012.01)**
(54) POINT TRADING SYSTEM FOR MOBILE COMMUNICATION DEVICE AND METHOD THEREOF
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009208
(22) 30.10.2014
(23) 11.07.2019
(51) **A24B 3/18 (2006.01)**
A24B 3/12 (2006.01)
A24B 3/04 (2006.01)
A24B 15/18 (2006.01)
(54) TOBACCO MATERIAL AND TREATMENT THEREOF
(74) FISHER CORMACK & BOTHA
(84) MW, MZ, UG, ZW

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(21) AP/P/2016/009226
(22) 27.11.2013
(23) 11.07.2019
(51) **C22B 34/24 (2006.01)**
C22B 1/02 (2006.01)
(54) ROASTING OF SULFUR-POOR METAL OXIDE CONCENTRATES
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) TZ

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(21) AP/P/2016/009249
(22) 04.12.2014
(23) 19.07.2019
(51) **C10G 2/00 (2006.01)**
B01J 4/00 (2006.01)
B01J 8/22 (2006.01)
B01J 8/18 (2006.01)
(54) A METHOD OF SHUTTING DOWN AN OPERATING THREE-PHASE SLURRY BUBBLE COLUMN REACTOR
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) MZ, TZ

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2016/009260
(22) 19.11.2014
(23) 10.07.2019
(51) **G06K 19/06 (2006.01)**
B42D 25/00 (2014.01)
(54) IDENTIFICATION DOCUMENT COMPRISING A TWO-DIMENSIONAL BARCODE
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, KE, MW, RW

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(21) AP/P/2016/009285
(22) 12.11.2014
(23) 29.07.2019
(51) **A47L 9/06 (2006.01)**
(54) SUCTIONING DEVICE FOR LARGE ARTIFICIAL WATER BODIES
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009351
(22) 26.07.2016
(23) 17.07.2019
(51) **B01J 35/02 (2006.01)**
C10G 2/00 (2006.01)
B01J 23/75 (2006.01)
(54) PROCESS FOR THE PREPARATION OF A CATALYST INTENDED FOR USE IN A FISCHER-TROPSCH REACTION
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009424
(22) 05.02.2015
(23) 16.07.2019
(51) **E21B 47/00 (2012.01)**
(54) METHOD OF MONITORING AN INTERVENTION IN A FLUID EXPLOITATION WELL MADE IN THE SUBSOIL, AND ASSOCIATED INTERVENTION DEVICE
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) UG

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(21) AP/P/2016/009444
(22) 13.09.2016
(23) 26.07.2019
(51) **B66F 7/28 (2015.01)**
B66F 7/06 (2015.01)
B66F 7/08 (2015.01)
B66F 3/10 (2015.01)
B66F 3/25 (2015.01)
B66F 3/00 (2006.01)
(54) JACK SYSTEM
(74) B. W. KAHARI LEGAL PRACTITIONERS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009446
(22) 21.02.2015
(23) 31.07.2019
(51) **H02S 40/32 (2014.01)**
H02J 3/38 (2006.01)
H02J 7/35 (2006.01)
H01L 31/02 (2006.01)
(54) SYSTEM AND METHOD FOR MANAGING THE POWER OUTPUT OF A PHOTOVOLTAIC CELL
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009462
(22) 24.02.2015
(23) 16.07.2019
(51) **A61B 10/00 (2006.01)**
G01N 33/68 (2006.01)
C12Q 1/25 (2006.01)
G01N 33/53 (2006.01)
(54) QUALITATIVE PREDICTIVE METHOD FOR DIFFERENTIAL DIAGNOSIS OF PNEUMOCOCCIC, MENINGOCOCCIC AND VIRAL MENIGITIS, DIFFERENTIAL MENINGITIS DIAGNOSTIC METHOD AND KIT
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009473
(22) 03.03.2015
(23) 17.07.2019
(51) **H01L 31/02 (2006.01)**
H02S 40/32 (2014.01)
H02J 3/38 (2006.01)
H02J 7/35 (2006.01)
(54) METHOD AND SYSTEM FOR APPLYING ELECTRIC FIELDS TO MULTIPLE SOLAR PANELS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009477
(22) 13.03.2015
(23) 17.07.2019
(51) **C07D 498/00 (2006.01)**
A61K 31/55 (2006.01)
A01N 43/00 (2006.01)
(54) HEPATITIS B CORE PROTEIN ALLOSTERIC MODULATORS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009503
(22) 12.05.2015
(23) 12.07.2019
(51) **F28D 20/00 (2006.01)**
(54) THERMAL ENERGY STORAGE FACILITY
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, NA

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(21) AP/P/2016/009524
(22) 27.03.2015
(23) 16.07.2019
(51) **C02F 11/12 (2006.01)**
B01D 39/16 (2006.01)
B01D 29/11 (2006.01)
C02F 1/44 (2006.01)
(54) BAG-LIKE WATER PURIFICATION DEVICE
(74) FISHER CORMACK & BOTHA
(84) KE, TZ, UG

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(21) AP/P/2016/009535
(22) 27.03.2015
(23) 17.07.2019
(51) **E03F 1/00 (2006.01)**
(54) PNEUMATIC CONTROL VALVE FOR SANITARY DEVICE
(74) COGHLAN, WELSH & GUEST
(84) BW, GM, KE, LS, MZ, NA, SD, ST, TZ, ZM

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(21) AP/P/2016/009577
(22) 29.04.2014
(23) 31.07.2019
(51) **E02F 9/28 (2006.01)**
(54) TOOTH AND ADAPTOR FOR ATTACHMENT OF THE TOOTH TO A WORKING MACHINE
(74) FISHER CORMACK & BOTHA
(84) GH, MZ

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(21) AP/P/2016/009590
(22) 01.05.2015
(23) 15.07.2019
(51) **A61K 39/015 (2006.01)**
(54) INFECTIOUS PLASMODIUM SPOROZOITES GROWN IN VITRO
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2016/009621
(22) 18.05.2015
(23) 11.07.2019
(51) **F01B 17/00 (2006.01)**
F01L 3/00 (2006.01)
F01L 9/02 (2006.01)
(54) COMPRESSED-AIR ENGINE WITH AN INTEGRATED ACTIVE CHAMBER AND WITH ACTIVE INTAKE DISTRIBUTION
(74) MESSRS. FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009654
(22) 16.06.2014
(23) 22.07.2019
(51) **H04W 88/08 (2009.01)**
H04W 88/06 (2009.01)
(54) METHOD AND ENTITY IN TDD RADIO COMMUNICATIONS
(74) MESSRS. FISHER, CORMACK & BOTHA
(84) TZ

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(21) AP/P/2016/009668
(22) 22.12.2015
(23) 12.07.2019
(51) **B07B 1/48 (2006.01)**
B07B 1/46 (2006.01)
(54) SYSTEMS, APPARATUSES, AND METHODS FOR SECURING SCREEN ASSEMBLIES
(74) FISHER CORMACK & BOTHA
(84) TZ, UG

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(21) AP/P/2017/009787
(22) 15.09.2015
(23) 10.07.2019
(51) **D21B 1/04 (2006.01)**
D21B 1/06 (2006.01)
B29C 43/00 (2006.01)
(54) METHOD FOR PREPARING A POWDER OF BROWN MICROALGAE BY BLENDING AND METHOD FOR PRODUCING RIGID OBJECTS FROM SAID POWDER
(74) ENSafrica Namibia
(84) GH, KE, MZ, NA, TZ

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(21) AP/P/2017/009861
(22) 12.09.2015
(23) 31.07.2019
(51) **A01G 7/02 (2006.01)**
(54) APPARATUS FOR PREPARING AND APPLYING A FOLIAR SPRAY
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/010442
(22) 21.03.2012
(23) 02.07.2019
(51) **C07K 14/415 (2006.01)**
C12N 15/82 (2006.01)
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/010443
(22) 21.03.2012
(23) 02.07.2019
(51) **C12N 15/82 (2006.01)**
C07K 14/415 (2006.01)
(54) PLANT REGULATORY ELEMENTS AND USES THEREOF
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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Patents Granted

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 4814

(21) Application No : AP/P/2015/008891

(22) Filing Date : 09.06.2014

(24) Date of Grant & (45) Publication : 01/06/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/833,196	10.06.2013

(84) Designated States:
BW GH GM KE LR LS MW MZ NA RW SD SL SZ TZ ZM ZW

(73) Applicant(s)
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et al

(74) Representative
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(51) International Classification :
C07D 211/76 (2006.01)
A61K 31/45 (2006.01)
C07D 498/04 (2006.01)
C07C 309/04 (2006.01)
A61P 35/00 (2006.01)

(54) Title
PROCESSES OF MAKING AND CRYSTALLINE FORMS OF A MDM2 INHIBITOR

(57) Abstract

The present invention provides processes for making 2-((3R,5R,6S)-5-(3-chlorophenyl)-6-(4-chlorophenyl)-l-((S)-l-(isopropylsulfonyl)-3-methylbutan-2-yl) -3- methyl-2-oxopiperidin-3-yl)acetic acid as well as intermediates and processes for making the intermediates. Also provided are crystalline forms of the compound and the intermediates.

(56) Documents Cited : WO 2011/153509 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4825

(21) Application No : AP/P/2013/007052

(22) Filing Date : 20.01.2012

(24) Date of Grant & (45) Publication : 06/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	1101010.5	20.01.2011

(84) Designated States:
KE GH ZW TZ SL ZM NA
MZ SD LR

(73) Applicant(s)
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(74) Representative
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(51) International Classification : F02B 3/04 (2006.01)

(54) Title
Rotor apparatus

(57) Abstract

A rotor apparatus for extracting energy from bidirectional fluid flows comprises a first rotor 7 mounted for rotation about an axis of rotation 4 in a first direction of rotation, the first rotor 7 having at least one helical blade 2 with a pitch that decreases in a direction along the axis of rotation 4; and a second rotor 8 mounted for rotation about the same axis of rotation 4 in an opposite direction of rotation and having at least one helical blade 2 with a pitch that increases in the same direction along the axis of rotation 4, wherein fluid exiting the first rotor 7 is passed to the second rotor 8.

(56) Documents Cited : US5760515 US587814 US4722665
US2009022597

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 4826

(21) Application No : AP/P/2015/008552

(22) Filing Date : 20.12.2013

(24) Date of Grant & (45) Publication : 07/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1223021.5	20.12.2015

(84) Designated States: GH KE NA TZ

(73) Applicant(s)
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(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)

(54) Title
THERAPEUTICALLY ACTIVE PYRAZOLO-PYRIMIDINE DERIVATIVES

(57) Abstract

A series of pyrazolo[3,4-d]pyrimidine derivatives that are substituted at the 4-position by a diaza monocyclic, bridged bicyclic or spirocyclic moiety, are beneficial in the treatment and/or prevention of various human ailments, including inflammatory, autoimmune and oncological disorders; viral diseases and malaria; and organ and cell transplant rejection.

(56) Documents Cited : JORGE TRILLERAS et al: US 6 423 716 B1 US 2004/204400 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4827

(21) Application No : AP/P/2016/009157

(22) Filing Date : 26.09.2014

(24) Date of Grant & (45) Publication : 09/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/883463	27.09.2013

(84) Designated States: BW GH KE NA

(73) Applicant(s)
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WADDELL Sherman Tim, United States of America
et al

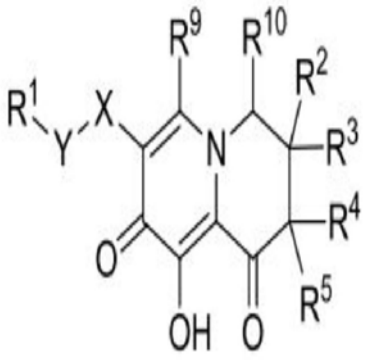
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : A61K 31/44 (2006.01) A01N 43/90 (2006.01)
C07D 455/02 (2006.01)

(54) Title
SUBSTITUTED QUINOLIZINE DERIVATIVES USEFUL AS HIV INTEGRASE INHIBITORS

(57) Abstract

The present invention relates to Substituted Quinolizine Derivatives of Formula (I):and pharmaceutically acceptable salts or prodrug thereof, wherein X, Y, R^1, R^2, R^3,R^4, R^5, R^9 and R^{10} are as defined herein. The present invention also relates to compositions comprising at least one Substituted Quinolizine Derivative, and methods of using the Substituted Quinolizine Derivatives for treating or preventing HIV infection in a subject.



(56) Documents Cited : WO2006/066414 A1 US 6,630,488 B1 US 2012/0220571 A1

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 4828

(21) Application No : AP/P/2015/008861

(22) Filing Date : 22.04.2014

(24) Date of Grant & (45) Publication : 09/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13197725.8	17.12.2013

(84) Designated States:
BW GH GM KE LR LS MW MZ NA RW SD SL SZ TZ ZM ZW

(73) Applicant(s)
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et al

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification :
A23L 1/30 (2006.01)
A23L 1/302 (2006.01)
A23L 1/303 (2006.01)
A23L 1/304 (2006.01)
A61K 33/06 (2006.01)
A61K 33/26 (2006.01)
A61K 33/30 (2006.01)
A61K 36/03 (2006.01)
A61K 36/07 (2006.01)
A61K 36/185 (2006.01)
A61K 36/53 (2006.01)

(54) Title
COMPOSITION FOR ENHANCING IMMUNITY

(57) Abstract

The invention relates to preparations for dietary, food supplement or medical purposes and more specifically to a safe and natural preparation or a composition useful in immunity regulation and/or stimulation and in particular in the building, reinforcement, efficiency, maintenance and regeneration of natural immune defences in a subject. The preparations comprise magnesium, zinc and/or iron, blackcurrent seed oil and/or palm oil, two plant extracts selected from thyme, chickpea and lentil, as well as algae (fucus, wakame, nori), mushroom (shiitake, maitake), and at least one hydrosoluble vitamin and/or vitamin E.

(56) Documents Cited : US 2004/146545 A1 US 2006/078629 A1 KR 2011 01221088 A

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 4829

(21) Application No : AP/P/2013/006955

(22) Filing Date : 27.06.2013

(24) Date of Grant & (45) Publication : 10/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
NO	1211399.9	27.06.2012

(84) Designated States:
BW GH GM KE MW MZ NA
RW SD TZ UG ZM ZW

(73) Applicant(s)
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(72) Inventors
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(74) Representative
COGHLAN, WELSH & GUEST, Zimbabwe

(51) International Classification : E04H 12/02 (2006.01) E04H 12/04 (2006.01)

(54) Title
Support poles

(57) Abstract

A support pole comprising a plurality of stems of bamboo, or similar tubular plant material comprising hollow internodal cavities between nodes, in a longitudinally parallel arrangement, the stems having an opening formed in a wall of at least some of the internodal cavities, and binder material around the stems and at least partially filling the open internodal cavities

(56) Documents Cited : NO-20072814 US-4774121 US-6576331

Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) **Patent No :** AP 4830

(21) **Application No :** AP/P/2015/008774

(22) **Filing Date :** 12.03.2014

(24) (45) **Date of Grant & Publication :** 10/07/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	13/839,000	15.03.2013

(84) **Designated States:** KE TZ UG ZM

(73) **Applicant(s)**
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(72) **Inventors**
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EPP Jeffrey B, United States of America
FIELDS Stephen Craig, United States of America
et al

(74) **Representative**
FISHER CORMACK & BOTHA, Malawi

(51) **International Classification :** C07D 401/04 (2006.01)

(54) **Title**

4-AMINO-6-(HETEROCYCLIC)PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC) PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES

(57) **Abstract**

4-Amino-6-(heterocyclic)picolinic acids, 6-amino-2-(heterocyclic)pyrimidine-4-carboxylates, and derivatives thereof are provided. Also provided are herbicidal compositions including these compounds, as well as methods of using thereof as herbicides. The occurrence of undesirable vegetation, e.g., weeds, is a constant problem facing famers in crops, pasture, and other settings. Weeds compete with crops and negatively impact crop yield. The use of chemical herbicides is an important tool in controlling undesirable vegetation.

(56) **Documents Cited :** WO 2013/014165 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4831

(21) Application No : AP/P/2012/006394

(22) Filing Date : 25.07.2012

(24) Date of Grant & (45) Publication : 14/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2011/05726	03.08.2011

(84) Designated States: TZ MZ UG KE ZW ZM RW MW

(73) Applicant(s)
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APOSTOLIDES Zeno, South Africa
VAN BREDA Shane V, South Africa

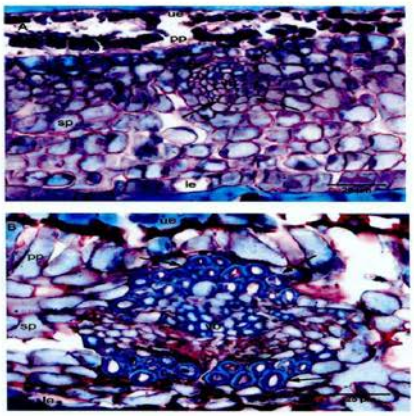
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : A23F 3/00 (2006.01)

(54) Title
A method of decaffeinating tea

(57) Abstract

The invention provides a method for decaffeinating tea which includes the steps of comminuting fresh tea leaves, mixing the comminuted tea leaves with water in a mass ratio of between 1:10 and 1:30 at a temperature of between 10-50°C to produce a comminuted tea leaf water mixture, reducing the pressure of the comminuted tea leaf water mixture to a pressure of between 0,065 and 0,263 atm, allowing the pressure to increase to atmospheric pressure, and separating the comminuted tea leaves from the water.



(56) Documents Cited :

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DE3744988 C2
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Patents Granted (Contd.)

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 4832

(21) Application No : AP/P/2015/008204

(22) Filing Date : 12.06.2013

(24) Date of Grant & (45) Publication : 15/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1210374.3	06.12.2012

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(73) Applicant(s)

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(74) Representative

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(51) International Classification : A01H 4/00 (2006.01) A01H 5/04 (2006.01) A01H 45/06 (2006.01)

(54) Title

Plant propagation

(57) Abstract

The present application relates generally to the field of plant propagation. In particular, the present invention relates to a method for the propagation of vegetatively reproducing plants and plants and plant parts produced by such methods. The invention also provides encapsulated propagules. The invention also provides various end uses for the encapsulated propagules and for plants grown from the same. The invention also provides a method for the modification of the architecture of rhizomes and rhizomes having modified architecture and a method for the modification of the architecture of stem cuttings and stem cuttings having modified architecture. The invention also provides a coating for a propagule and a propagule coated therewith.

(56) Documents Cited :

Maria Antonietta et al.: HAMMAtt n.
Romina Brischia et al.: WO2007072046 A2
Piccioni Emanuele.: " Encapsul
Godbole Savita et al.

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4833

(21) Application No : AP/P/2015/008503

(22) Filing Date : 20.12.2013

(24) Date of Grant & (45) Publication : 15/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	12199026.1	21.12.2012

(84) Designated States:
BW GH GM KE LR LS MW MZ NA RW SD SL SZ TZ UG ZM ZW

(73) Applicant(s)
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(72) Inventors
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KOUL Anil, France
et al

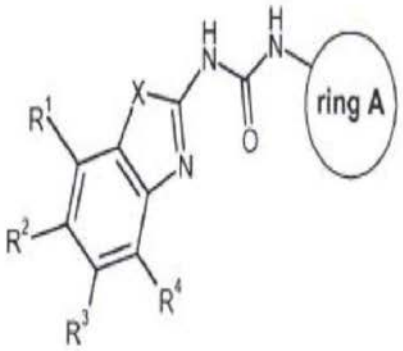
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : A61K 31/00 (2006.01)

(54) Title
ANTIBACTERIAL COMPOUNDS

(57) Abstract

A compound of formula (I) for use in the treatment of a bacterial infection, wherein the compound of formula (I) represents:wherein
R
1
, R2
, R3
and R4
each independently represent hydrogen, halo, -CN, Rt1
, -O-R
t2 10 ,
-C(O)N(Rt3)(Rt4), -SO2R
t5
, -N(H)SO2R
t6
, -N(Rt7)(Rt8) or an aryl or heterocyclic group
(which latter two groups are themselves optionally substituted by one or more substituents selected from halo and C1-6 alkyl);
R
t1, Rt2, Rt3, Rt4, Rt5, Rt6, Rt7 and Rt8 15 independently represent hydrogen or C1-6 alkyl
optionally substituted by one or more halo atoms, or, Rt3 and Rt4 and/or Rt7 and Rt8 may
be linked together with the nitrogen atom to which they are attached to form a 3- to 7-
membered ring, optionally containing one to three (e.g. one) further heteroatom (s) and
optionally contain one to three double bonds;



(56) Documents Cited :

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4834

(21) Application No : AP/P/2014/007409

(22) Filing Date : 24.07.2012

(24) Date of Grant & (45) Publication : 18/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1113804.7	11.08.2011

(84) Designated States:
TZ SL KE BW MZ LR RW
ZM ZW GM GH SD NA SZ
LS MW UG

(73) Applicant(s)
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LYNCH Brian, United Kingdom
DELAPORTE Dominique-Louis, France
POPINEAU Dominique, France
et al

(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : F16L 39/00 (2006.01) F16L 41/02 (2006.01)

(54) Title
T-piece preformer

(57) Abstract

A T-piece preformer for forming a T-piece in a pipe-in-pipe [PIP) pipeline for laying in a marine environment, the PIP pipeline comprising at least inner and outer pipes having an annular space thereinbetween, and one or more cables extending along the annular space, the T-piece preformer comprising at least:
(a) inner and outer longitudinal collars corresponding in circumference to the circumferences of the inner and outer pipes of the PIP pipeline;
(b) one or more annular walls extending between the inner and outer collars;
(c) one or more cable apertures through each annular wall; and
(d) one or more guide points on the outer collar radially offset from the or each cable apertures, and able to provide guidance for a hole into the T-piece preformer from outside the outer collar to within the inner collar.
The T-piece preformer can be assembled into a PIP pipeline onshore, and only requires the provision of a final hole during laying. Moreover, the T-piece preformer has one or more cable apertures through each annular wall, particularly adapted for allowing the continuation of cables in the annular space through the PIP pipeline and T-piece preformer, and the then formed T-piece.

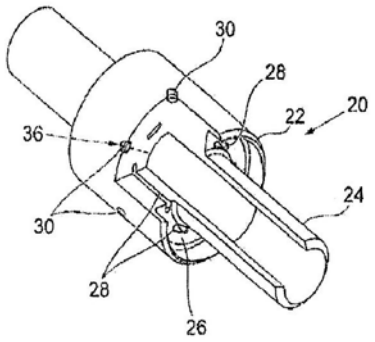


Fig. 2

(56) Documents Cited : US 2010/123306 A1 FR 2 897 919 A1 WO 2011/007083 A1
US 5 141 261 A US 6 701 967 B2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4835

(21) Application No : AP/P/2014/007929

(22) Filing Date : 27.03.2013

(24) Date of Grant & (45) Publication : 18/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	12161742.7	28.03.2012

(84) Designated States: KE TZ

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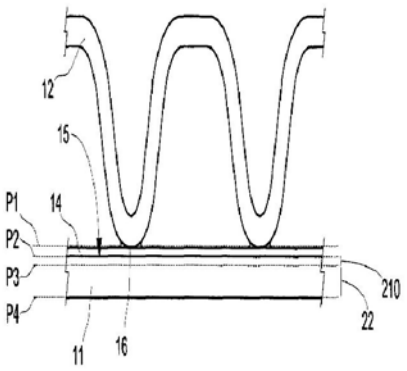
(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : B23K 35/00 (2006.01) B23K 35/02 (2006.01) B23K 35/365 (2006.01) C22C 19/00 (2006.01)

(54) Title
Method for joining metal parts

(57) Abstract

A method for joining a first metal part (11) with a second metal part (12), the metal parts (11,12) having a solidus temperature above 1100 QC. The method comprises: applying a melting depressant composition (14) on a surface (15) of the first metal part (11), the melting depressant composition (14) comprising a melting depressant component that comprises at least 25 wt% boron and silicon for decreasing a melting temperature of the first metal part (11); bringing (202) the second metal part (12) into contact with the melting depressant composition (14) at a contact point (16) on said surface (15); heating the first and second metal parts (11,12) to a temperature above 1 100 QC; and allowing a melted metal layer (210) of the first metal component (11) to solidify, such that a joint (25) is obtained at the contact point (16). The melting depressant composition and related products are also described.



(56) Documents Cited : US6464129 B2 US6464129 B2 WO 2008/060226 A2 CA2378632 (A1)

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4836

(21) **Application No :** AP/P/2011/005772

(22) **Filing Date :** 15.12.2009

(24) (45) **Date of Grant & Publication :** 24/07/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	2008/10610	15.12.2008

(84) **Designated States:** KE MW MZ ZM ZW

(73) **Applicant(s)**
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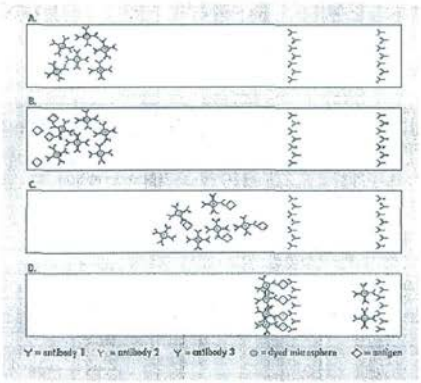
(74) **Representative**
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(51) **International Classification :** G01N 33/536 (2006.01) G01N 33/68 (2006.01) C07K 14/52 (2006.01)

(54) **Title**
Method and device for diagnosing tuberculosis

(57) **Abstract**

A rapid method for diagnosing tuberculosis (TB) in a subject is described. Antibodies are used to detect the presence of specific biomarkers, such as cytokine or chemokines, and in particular IFN-gamma or IP-10, in an unstimulated sample from the subject. An indicator is used to indicate binding of the antibodies to the biomarkers, indicating that the patient has active extrapulmonary tuberculosis. The method can be performed using a test strip containing the antibodies and indicator and onto which the sample is placed, using an ELISA assay, or using flow cytometry, a bioanalyser, a waveguide biosensor or surface enhanced Raman spectroscopy. Results can be available within a few minutes to a few hours, depending on the type of test device used. The method can detect extrapulmonary tuberculosis and can distinguish between active and latent tuberculosis. A kit including antibodies and a chromatographic indicator and instructions for use is also described.



(56) **Documents Cited :** SUPRIYA P et al; OKAMOTO M et al.; RUHWALD M et al; DHEDA K et al; WO 2008/028489 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4837

(21) Application No : AP/P/2015/008893

(22) Filing Date : 17.06.2014

(24) Date of Grant & (45) Publication : 24/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13172256.3	17.06.2013

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
ZM ZW

(73) Applicant(s)
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(72) Inventors
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(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C07K 14/135 (2006.01)

(54) Title

STABILIZED SOLUBLE PRE-FUSION RSV F POLYPEPTIDES

(57) Abstract

The present invention provides stable pre-fusion respiratory syncitial virus (RSV) F polypeptides, immunogenic compositions comprising said polypeptides and uses thereof for the prevention and/or treatment of RSV infection.

(56) Documents Cited : DATABASE embl M. MAGRO et al WO 2012/158613 A1 J. S. MCLELLAN et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4838

(21) Application No : AP/P/2017/009846

(22) Filing Date : 24.09.2015

(24) Date of Grant & (45) Publication : 24/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/056059	26.09.2014

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ ZM ZW

(73) Applicant(s)

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et al

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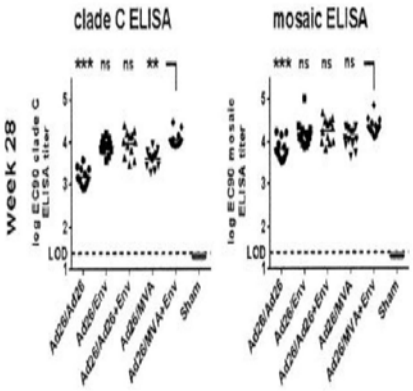
(51) International Classification : A61K 39/21 (2006.01) A61K 39/12 (2006.01) C12N 15/86 (2006.01)

(54) Title

METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST HUMAN IMMUNODEFICIENCY VIRUS INFECTION

(57) Abstract

Compositions, vaccines and methods for inducing protective immunity against Human Immunodeficiency Virus (HIV) infection are described. Heterologous vaccine combinations of one or more viral expression vectors and an isolated antigenic polypeptide induced strong protective immunity against infections by one or multiple clades of HIV.



(56) Documents Cited : WO 2014/107744 A1 SHU et al LETVIN et al
KAR MUTHUMANI et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4839

(21) Application No : AP/P/2015/008479

(22) Filing Date : 23.11.2012

(24) Date of Grant & (45) Publication : 25/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
IN	2997/MUM/2012	11.10.2012

(84) Designated States: GH KE MZ TZ UG ZW

(73) Applicant(s)
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(72) Inventors
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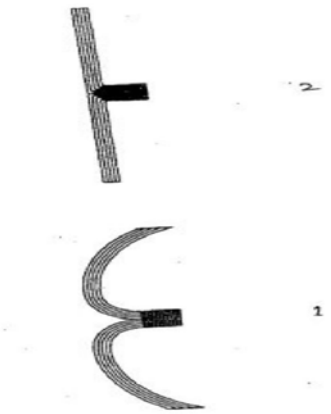
(74) Representative
HAMILTON HARRISON & MATHEWS ADVOCATES, Kenya

(51) International Classification : B42B 5/08 (2006.01) B42C 5/00 (2006.01) B42B 5/02 (2006.01)

(54) Title
MACHINE AND PROCESS FOR BINDING OF BOOKS FOR LAY FLAT LOOK

(57) Abstract

A novel method of binding plurality of pages such that the pages lie flat when book is open which comprise of creating window cut or window slit on the page at a space parallel to the spine of book, die hole punching between the window slit and spine, accomplishing v shaped spine, and stapling between the die hole punching and window slit and a machine which has assembly to window cut, die hole punch and staple resulting in step binding.



(56) Documents Cited : US 649 061 A
US 1 962 407
US 1 897 839
Dieter Liebau & Inés Heinze, "

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4840

(21) **Application No :** AP/P/2015/008886

(22) **Filing Date :** 18.06.2014

(24) (45) **Date of Grant & Publication :** 28/07/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	2013/04772	26.06.2013

(84) **Designated States:** GH KE RW UG TZ

(73) **Applicant(s)**
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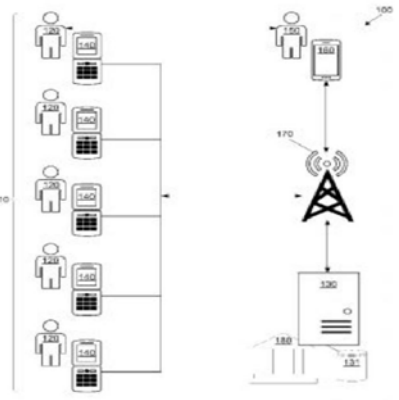
(74) **Representative**
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(51) **International Classification :** G06Q 20/42 (2012.01)

(54) **Title**
FINANCIAL ACCOUNT WITH GROUP AUTHORIZATION

(57) **Abstract**

A method and system for enabling a group of members to transact with funds stored in a value store is provided. An authorization server receives a proposal for a transaction to use funds stored in the value store from an electronic device of a member of the group. The authorization server transmits the proposal to electronic devices of a plurality of members of the group, and receives responses indicating agreement or disagreement with the proposal from at least some of the members of the group. In response to receiving a predetermined number of responses indicating agreement with the proposal, the transaction is authorized and at least one of the members of the group is provided with transaction details required to fulfil the transaction. In response to a failure to receive a predetermined number of responses indicating agreement with the proposal, the transaction is denied.



(56) **Documents Cited :** US 8401968 B1 WO 2002/075682 A2 US 6636833 B1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4841

(21) Application No : AP/P/2015/008745

(22) Filing Date : 07.11.2014

(24) (45) Date of Grant & Publication : 30/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201310565649.3	14.11.2013

(84) Designated States:
BW GH KE MW MZ NA RW SL TZ ZM

(73) Applicant(s)
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XU Jun, Peoples Republic of China
SHEN Yong, Peoples Republic of China
et al

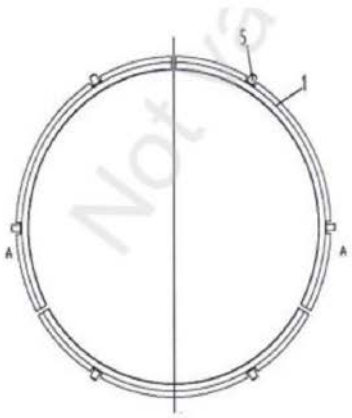
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : F16L 25/10 (2006.01)

(54) Title
SPIGOT-AND-SOCKET PIPE JOINT, INSTALLATION AND DISASSEMBLY METHOD THEREOF, INSTALLATION FIXTURE AND DISASSEMBLY TOOL

(57) Abstract

A bell and spigot type pipe joint. A baffle ring of the joint is in a split-type structure and comprises multiple baffle blocks (1). On an outer diameter surface of each baffle block, two or multiple fixing holes are arranged, used for mounting flexible support bodies (5). During mounting, the baffle blocks are mounted into a baffle block cartridge one by one and spliced into a whole first. Finally, a spigot is mounted into a bell end. In a mounting process, when the spigot protrudes and passes through the baffle ring, the baffle blocks are pushed to move backward and compress the flexible support bodies on the baffle ring. After the spigot protrudes and passes through the baffle ring, baffle blocks are tightly compressed on an outer surface of the spigot under an effect of the flexible support bodies through pulling back the spigot. The bell and spigot type pipe joint in the present invention is simple in a structure, convenient in mounting and dismounting, strong in a slippage-preventing capability and wide in an application scope.



Not for

(56) Documents Cited :

WO 96/07829 A1
WO 98/10211 A1
CN 202 914 936 U
US 2011/291409 A1
US 2012/025524 A1
GB 2 291 484 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4842

(21) Application No : AP/P/2018/011134

(22) Filing Date : 28.02.2018

(24) Date of Grant & (45) Publication : 30/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date

(84) Designated States:

BW	GM	GH	KE	LS	LR	MW
MZ	NA	RW	ST	SL	SD	SZ
UG	TZ	ZM	ZW			

(73) Applicant(s)
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(72) Inventors
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(74) Representative
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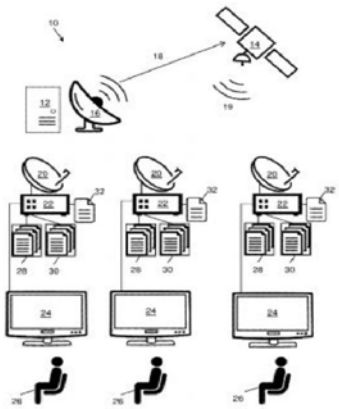
(51) International Classification : H04H 60/32 (2008.01); H04N 21/254 (2011.01); H04N 21/458 (2011.01); H04N 21/235 (2011.01); H04N 21/262 (2011.01)

(54) Title

SYSTEMS AND METHODS FOR CUSTOMIZING BROADCAST VIDEO

(57) Abstract

In one example, content assets and customization items are obtained at a head-end system. For each customization item, one or more target attributes are obtained that include customer attributes relating to groups of customers. A rule file is generated that has a hierarchical tree structure with a plurality of nodes at different hierarchical levels of the tree structure, the customer attributes forming nodes at one or more intermediate hierarchical levels of the tree structure and the customization item identifiers forming end nodes of the tree structure. The rule file is broadcast to a plurality of customer decoders which each store the rule file on a local memory, and then traverse the rule file by comparing customer attributes that are stored on or accessible by the customer decoder with the customer attributes in the tree structure to obtain a customization item identifier at an end node.



(56) Documents Cited : US 2009/0187939; US 2013/0254814; US 2003/0078888; US 2010/0332321

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4843

(21) Application No : AP/P/2016/009598

(22) Filing Date : 29.06.2015

(24) Date of Grant & (45) Publication : 31/07/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/019018	30.06.2014
EP	14175647.8	03.07.2014

(84) Designated States: MZ TZ

(73) Applicant(s)
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KOTAK Parag, India
JONCKERS Arjan Allert, The Netherlands
et al

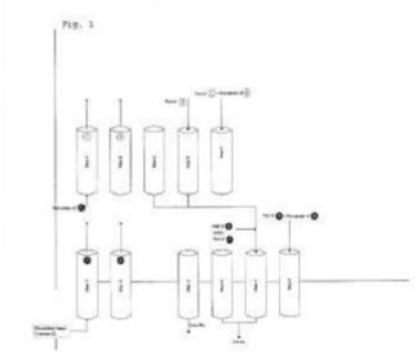
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : B01D 53/047 (2006.01)

(54) Title
METHOD FOR PROCESSING A GAS MIXTURE

(57) Abstract

The present invention relates to a process for processing a gas mixture comprising methane, carbon dioxide, carbon monoxide, hydrogen, nitrogen, argon and traces of olefins and oxygenates. Methane, carbon dioxide and carbon monoxide, and optionally hydrogen, can be recovered from the gas mixture in a very efficient way.



(56) Documents Cited :

US 2010/288123 A1
US 2011/011128 A
FR 2 979 253 A1
US 5 096 470 A
US 5 669 960 A
US 4 259 091 A

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
C07D 211/76 (2006.01) C07C 309/04 (2006.01) A61K 31/45 (2006.01) A61P 35/00 (2006.01) C07D 498/04 (2006.01)	AP/P/2015/008891	AP 4814	PCT/US2014/041594	AMGEN INC.
F02B 3/04 (2006.01)	AP/P/2013/007052	AP 4825	PCT/GB12/000056	SEA-LIX AS
C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)	AP/P/2015/008552	AP 4826	PCT/EP2013/077846	UCB BIOPHARMA SPRL
A23L 1/30 (2006.01) A23L 1/302 (2006.01) A23L 1/303 (2006.01) A23L 1/304 (2006.01) A61K 33/06 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61K 36/03 (2006.01) A61K 36/07 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01)	AP/P/2015/008861	AP 4828	PCT/EP2014/058162	ACTIGENOMICS SA
A61K 31/44 (2006.01) A01N 43/90 (2006.01) C07D 455/02 (2006.01)	AP/P/2016/009157	AP 4827	PCT/US2014/057572	MERCK SHARP & DOHME CORP.
E04H 12/02 (2006.01) E04H 12/04 (2006.01)	AP/P/2013/006955	AP 4829		ECOPOLE AS
C07D 401/04 (2006.01)	AP/P/2015/008774	AP 4830	PCT/US2014/024745	Dow AgroSciences LLC
A23F 3/00 (2006.01)	AP/P/2012/006394	AP 4831		UNIVERSITY OF PRETORIA
A01H 4/00 (2006.01) A01H 45/06 (2006.01) A01H 5/04 (2006.01)	AP/P/2015/008204	AP 4832	PCT/GB13/051543	NEW ENERGY FARMS LIMITED
A61K 31/00 (2006.01)	AP/P/2015/008503	AP 4833	PCT/EP2013/077565	JANSSEN SCIENCES IRELAND UC
F16L 39/00 (2006.01) F16L 41/02 (2006.01)	AP/P/2014/007409	AP 4834	PCT/GB12/051777	TECHNIP FRANCE
B23K 35/00 (2006.01) B23K 35/365 (2006.01) B23K 35/02 (2006.01) C22C 19/00 (2006.01)	AP/P/2014/007929	AP 4835	PCT/EP13/056530	ALFA LAVAL CORPORATE AB
G01N 33/536 (2006.01) C07K 14/52 (2006.01) G01N 33/68 (2006.01)	AP/P/2011/005772	AP 4836	PCT/IB09/055751	ANTRUM BIOTECH (PROPRIETARY) LIMITED
C07K 14/135 (2006.01)	AP/P/2015/008893	AP 4837	PCT/EP2014/062655	Janssen Vaccines & Prevention B.V.
A61K 39/21 (2006.01) C12N 15/86 (2006.01) A61K 39/12 (2006.01)	AP/P/2017/009846	AP 4838	PCT/US2015/051891	BETH ISRAEL DEACONESS MEDICAL CENTER, INC.
B42B 5/08 (2006.01) B42B 5/02 (2006.01) B42C 5/00 (2006.01)	AP/P/2015/008479	AP 4839	PCT/IN2012/000767	PARMAR Nilesh Dhirajlal
G06Q 20/42 (2012.01)	AP/P/2015/008886	AP 4840	PCT/IB2014/062333	VISA CAPE TOWN (PTY) LTD
F16L 25/10 (2006.01)	AP/P/2015/008745	AP 4841	PCT/CN2014/090545	XINXING DUCTILE IRON PIPES CO., LTD
H04H 60/32 (2008.01) H04N 21/235 (2011.01) H04N 21/254 (2011.01) H04N 21/262 (2011.01) H04N 21/458 (2011.01)	AP/P/2018/011134	AP 4842	PCT/IB2018/051276	MULTICHOICE SUPPORT SERVICES (PTY) LTD

Classification Index of Granted Patents (Contd.)

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
B01D 53/047 (2006.01)	AP/P/2016/009598	AP 4843	PCT/EP2015/064699	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

Patentees' Name Index of Granted Patents

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
AMGEN INC.	AP/P/2015/008891	AP 4814	PCT/US2014/041594	C07D 211/76 (2006.01) C07C 309/04 (2006.01) A61K 31/45 (2006.01) A61P 35/00 (2006.01) C07D 498/04 (2006.01)
SEA-LIX AS	AP/P/2013/007052	AP 4825	PCT/GB12/000056	F02B 3/04 (2006.01)
UCB BIOPHARMA SPRL	AP/P/2015/008552	AP 4826	PCT/EP2013/077846	C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)
ACTIGENOMICS SA	AP/P/2015/008861	AP 4828	PCT/EP2014/058162	A23L 1/30 (2006.01) A23L 1/302 (2006.01) A23L 1/303 (2006.01) A23L 1/304 (2006.01) A61K 33/06 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61K 36/03 (2006.01) A61K 36/07 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01)
MERCK SHARP & DOHME CORP.	AP/P/2016/009157	AP 4827	PCT/US2014/057572	A61K 31/44 (2006.01) A01N 43/90 (2006.01) C07D 455/02 (2006.01)
ECOPOLE AS	AP/P/2013/006955	AP 4829		E04H 12/02 (2006.01) E04H 12/04 (2006.01)
Dow AgroSciences LLC	AP/P/2015/008774	AP 4830	PCT/US2014/024745	C07D 401/04 (2006.01)
UNIVERSITY OF PRETORIA	AP/P/2012/006394	AP 4831		A23F 3/00 (2006.01)
NEW ENERGY FARMS LIMITED	AP/P/2015/008204	AP 4832	PCT/GB13/051543	A01H 4/00 (2006.01) A01H 45/06 (2006.01) A01H 5/04 (2006.01)
JANSSEN SCIENCES IRELAND UC	AP/P/2015/008503	AP 4833	PCT/EP2013/077565	A61K 31/00 (2006.01)
TECHNIP FRANCE	AP/P/2014/007409	AP 4834	PCT/GB12/051777	F16L 39/00 (2006.01) F16L 41/02 (2006.01)
ALFA LAVAL CORPORATE AB	AP/P/2014/007929	AP 4835	PCT/EP13/056530	B23K 35/00 (2006.01) B23K 35/365 (2006.01) B23K 35/02 (2006.01) C22C 19/00 (2006.01)
ANTRUM BIOTECH (PROPRIETARY) LIMITED	AP/P/2011/005772	AP 4836	PCT/IB09/055751	G01N 33/536 (2006.01) C07K 14/52 (2006.01) G01N 33/68 (2006.01)
Janssen Vaccines & Prevention B.V.	AP/P/2015/008893	AP 4837	PCT/EP2014/062655	C07K 14/135 (2006.01)
BETH ISRAEL DEACONESS MEDICAL CENTER, INC.	AP/P/2017/009846	AP 4838	PCT/US2015/051891	A61K 39/21 (2006.01) C12N 15/86 (2006.01) A61K 39/12 (2006.01)
PARMAR Nilesh Dhirajlal	AP/P/2015/008479	AP 4839	PCT/IN2012/000767	B42B 5/08 (2006.01) B42B 5/02 (2006.01) B42C 5/00 (2006.01)
VISA CAPE TOWN (PTY) LTD	AP/P/2015/008886	AP 4840	PCT/IB2014/062333	G06Q 20/42 (2012.01)
XINXING DUCTILE IRON PIPES CO., LTD	AP/P/2015/008745	AP 4841	PCT/CN2014/090545	F16L 25/10 (2006.01)
MULTICHOICE SUPPORT SERVICES (PTY) LTD	AP/P/2018/011134	AP 4842	PCT/IB2018/051276	H04H 60/32 (2008.01) H04N 21/235 (2011.01) H04N 21/254 (2011.01) H04N 21/262 (2011.01) H04N 21/458 (2011.01)

ARIPO Application Number Index of Granted Patents (Contd.)

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	AP/P/2016/009598	AP 4843	PCT/EP2015/064699	B01D 53/047 (2006.01)

ARIPO Application Number Index of Granted Patents

ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/P/2015/008891	AP 4814	PCT/US2014/041594	AMGEN INC.	C07D 211/76 (2006.01) C07C 309/04 (2006.01) A61K 31/45 (2006.01) A61P 35/00 (2006.01) C07D 498/04 (2006.01)
AP/P/2013/007052	AP 4825	PCT/GB12/000056	SEA-LIX AS	F02B 3/04 (2006.01)
AP/P/2015/008552	AP 4826	PCT/EP2013/077846	UCB BIOPHARMA SPRL	C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)
AP/P/2015/008861	AP 4828	PCT/EP2014/058162	ACTIGENOMICS SA	A23L 1/30 (2006.01) A23L 1/302 (2006.01) A23L 1/303 (2006.01) A23L 1/304 (2006.01) A61K 33/06 (2006.01) A61K 33/26 (2006.01) A61K 33/30 (2006.01) A61K 36/03 (2006.01) A61K 36/07 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01)
AP/P/2016/009157	AP 4827	PCT/US2014/057572	MERCK SHARP & DOHME CORP.	A61K 31/44 (2006.01) A01N 43/90 (2006.01) C07D 455/02 (2006.01)
AP/P/2013/006955	AP 4829		ECOPOLE AS	E04H 12/02 (2006.01) E04H 12/04 (2006.01)
AP/P/2015/008774	AP 4830	PCT/US2014/024745	Dow AgroSciences LLC	C07D 401/04 (2006.01)
AP/P/2012/006394	AP 4831		UNIVERSITY OF PRETORIA	A23F 3/00 (2006.01)
AP/P/2015/008204	AP 4832	PCT/GB13/051543	NEW ENERGY FARMS LIMITED	A01H 4/00 (2006.01) A01H 45/06 (2006.01) A01H 5/04 (2006.01)
AP/P/2015/008503	AP 4833	PCT/EP2013/077565	JANSSEN SCIENCES IRELAND UC	A61K 31/00 (2006.01)
AP/P/2014/007409	AP 4834	PCT/GB12/051777	TECHNIP FRANCE	F16L 39/00 (2006.01) F16L 41/02 (2006.01)
AP/P/2014/007929	AP 4835	PCT/EP13/056530	ALFA LAVAL CORPORATE AB	B23K 35/00 (2006.01) B23K 35/365 (2006.01) B23K 35/02 (2006.01) C22C 19/00 (2006.01)
AP/P/2011/005772	AP 4836	PCT/IB09/055751	ANTRUM BIOTECH (PROPRIETARY) LIMITED	G01N 33/536 (2006.01) C07K 14/52 (2006.01) G01N 33/68 (2006.01)
AP/P/2015/008893	AP 4837	PCT/EP2014/062655	Janssen Vaccines & Prevention B.V.	C07K 14/135 (2006.01)
AP/P/2017/009846	AP 4838	PCT/US2015/051891	BETH ISRAEL DEACONESS MEDICAL CENTER, INC.	A61K 39/21 (2006.01) C12N 15/86 (2006.01) A61K 39/12 (2006.01)
AP/P/2015/008479	AP 4839	PCT/IN2012/000767	PARMAR Nilesh Dhirajlal	B42B 5/08 (2006.01) B42B 5/02 (2006.01) B42C 5/00 (2006.01)
AP/P/2015/008886	AP 4840	PCT/IB2014/062333	VISA CAPE TOWN (PTY) LTD	G06Q 20/42 (2012.01)
AP/P/2015/008745	AP 4841	PCT/CN2014/090545	XINXING DUCTILE IRON PIPES CO., LTD	F16L 25/10 (2006.01)
AP/P/2018/011134	AP 4842	PCT/IB2018/051276	MULTICHOICE SUPPORT SERVICES (PTY) LTD	H04H 60/32 (2008.01) H04N 21/235 (2011.01) H04N 21/254 (2011.01) H04N 21/262 (2011.01) H04N 21/458 (2011.01)

ARIPO Application Number Index of Granted Patents (Contd.)

ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/P/2016/009598	AP 4843	PCT/EP2015/064699	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	B01D 53/047 (2006.01)

Patents Renewed

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 1486	AP/P/2002/002392	26.06.2019	30.06.2020	19th yr
AP 1449	AP/P/2002/002409	14.06.2019	04.08.2020	19th yr
AP 1639	AP/P/2002/002482	12.07.2019	31.08.2020	19th yr
AP 1879	AP/P/2002/002591	14.06.2019	04.08.2020	19th yr
AP 1508	AP/P/2002/002670	12.07.2019	29.11.2020	17th yr
AP 1286	AP/P/2002/002683	28.06.2019	05.07.2020	18th yr
AP 1466	AP/P/2003/002724	12.07.2019	20.07.2020	18th yr
AP 1766	AP/P/2004/002989	12.07.2019	05.08.2020	17th yr
AP 1610	AP/P/2004/002993	05.07.2019	09.08.2020	17th yr
AP 1877	AP/P/2004/003009	12.07.2019	19.07.2020	17th yr
AP 1881	AP/P/2005/003215	28.06.2019	03.07.2020	16th yr
AP 2419	AP/P/2005/003402	13.07.2019	29.09.2020	14th yr
AP 2085	AP/P/2006/003498	25.06.2019	15.07.2020	15th yr
AP 2080	AP/P/2006/003502	28.06.2019	23.07.2020	15th yr
AP 2132	AP/P/2006/003518	14.06.2019	06.08.2020	15th yr
AP 2740	AP/P/2006/003532	21.06.2019	30.07.2020	15th yr
AP 2316	AP/P/2007/003884	12.07.2019	20.07.2020	14th yr
AP 2629	AP/P/2007/003899	20.07.2019	27.07.2020	14th yr
AP 2170	AP/P/2007/003909	09.07.2019	25.07.2020	14th yr
AP 2840	AP/P/2007/003911	21.06.2019	03.08.2020	14th yr
AP 2412	AP/P/2007/003912	20.07.2019	26.07.2020	14th yr
AP 1887	AP/P/2007/004062	29.07.2019	28.07.2020	13th yr
AP 2474	AP/P/2008/004302	14.06.2019	22.06.2020	13th yr
AP 2430	AP/P/2008/004313	12.07.2019	04.08.2020	13th yr
AP 2934	AP/P/2008/004315	14.06.2019	31.07.2020	13th yr
AP 2654	AP/P/2008/004316	14.06.2019	31.07.2020	13th yr
AP 2483	AP/P/2008/004320	14.06.2019	31.07.2020	13th yr
AP 2557	AP/P/2008/004330	12.07.2019	04.08.2020	13th yr
AP 2668	AP/P/2008/004332	12.07.2019	04.08.2020	13th yr
AP 2658	AP/P/2008/004351	28.06.2019	21.07.2020	13th yr
AP 2432	AP/P/2008/004364	12.07.2019	22.08.2020	13th yr
AP 2465	AP/P/2008/004524	12.07.2019	03.08.2020	13th yr
AP 2901	AP/P/2008/004525	12.07.2019	03.08.2020	13th yr
AP 2663	AP/P/2008/004718	28.06.2019	31.05.2020	12th yr
AP 2679	AP/P/2008/004719	19.06.2019	20.06.2020	13th yr
AP 2985	AP/P/2008/004720	28.06.2019	06.07.2020	12th yr
AP 2676	AP/P/2009/004764	12.07.2019	01.08.2020	12th yr
AP 2687	AP/P/2009/004794	12.07.2019	13.08.2020	12th yr
AP 4008	AP/P/2009/004827	12.07.2019	17.08.2020	12th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3005	AP/P/2009/004999	12.07.2019	18.07.2020	12th yr
AP 2513	AP/P/2009/005066	14.06.2019	31.07.2020	11th yr
AP 2742	AP/P/2010/005105	14.06.2019	11.07.2020	11th yr
AP 3370	AP/P/2010/005135	12.07.2019	18.07.2020	11th yr
AP 2637	AP/P/2010/005196	15.07.2019	29.07.2020	11th yr
AP 3434	AP/P/2010/005338	28.06.2019	19.07.2020	9th yr
AP 2864	AP/P/2010/005406	05.07.2019	13.03.2020	10th yr
AP 2864	AP/P/2010/005406	05.07.2019	13.03.2011	1st yr
AP 3347	AP/P/2010/005509	28.06.2019	07.07.2020	10th yr
AP 3171	AP/P/2010/005522	14.06.2019	25.06.2020	10th yr
AP 3084	AP/P/2011/005553	21.06.2019	22.07.2020	10th yr
AP 3009	AP/P/2011/005560	20.07.2019	23.07.2020	10th yr
AP 3651	AP/P/2011/005593	21.06.2019	27.07.2020	10th yr
AP 3279	AP/P/2011/005599	28.06.2019	18.08.2020	10th yr
AP 2882	AP/P/2011/005607	05.07.2019	27.07.2020	10th yr
AP 3358	AP/P/2011/005644	17.07.2019	26.08.2020	11th yr
AP 2900	AP/P/2011/005820	10.07.2019	15.01.2020	9th yr
AP 2900	AP/P/2011/005820	10.07.2019	15.01.2012	1st yr
AP 3066	AP/P/2012/006072	14.06.2019	22.06.2020	9th yr
AP 4601	AP/P/2012/006074	19.06.2019	29.06.2020	9th yr
AP 4038	AP/P/2012/006077	19.06.2019	18.06.2020	9th yr
AP 4222	AP/P/2012/006090	28.06.2019	02.07.2020	9th yr
AP 3514	AP/P/2012/006095	12.07.2019	14.07.2020	9th yr
AP 3388	AP/P/2012/006116	12.07.2019	28.07.2020	9th yr
AP 3533	AP/P/2012/006122	09.07.2019	13.07.2020	9th yr
AP 4775	AP/P/2012/006124	05.07.2019	09.07.2020	9th yr
AP 4002	AP/P/2012/006125	16.07.2019	16.07.2020	9th yr
AP 3248	AP/P/2012/006126	21.06.2019	08.07.2020	9th yr
AP 3534	AP/P/2012/006147	12.07.2019	05.08.2020	9th yr
AP 2988	AP/P/2012/006186	12.07.2019	01.09.2020	9th yr
AP 3732	AP/P/2012/006367	28.06.2019	12.07.2020	7th yr
AP 4528	AP/P/2012/006604	01.07.2019	29.06.2020	8th yr
AP 4528	AP/P/2012/006604	01.07.2019	29.06.2013	1st yr
AP 3267	AP/P/2013/006668	14.06.2019	22.06.2020	8th yr
AP 3269	AP/P/2013/006680	20.07.2019	22.07.2020	8th yr
AP 3442	AP/P/2013/006708	28.06.2019	05.07.2020	8th yr
AP 3973	AP/P/2013/006709	28.06.2019	13.07.2020	8th yr
AP 3581	AP/P/2013/006730	12.07.2019	02.08.2020	8th yr
AP 3823	AP/P/2013/006731	28.06.2019	22.07.2020	8th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3207	AP/P/2013/006748	28.06.2019	15.07.2020	8th yr
AP 3583	AP/P/2013/006768	12.07.2019	22.08.2020	8th yr
AP 3539	AP/P/2013/006782	05.07.2019	26.08.2020	8th yr
AP 3846	AP/P/2013/007006	21.06.2019	25.07.2020	6th yr
AP 3795	AP/P/2013/007034	21.06.2019	01.07.2020	8th yr
AP 3579	AP/P/2013/007039	01.07.2019	04.01.2020	7th yr
AP 3579	AP/P/2013/007039	01.07.2019	04.01.2014	1st yr
AP 4076	AP/P/2013/007128	21.06.2019	10.08.2020	8th yr
AP 3899	AP/P/2013/007196	17.07.2019	25.04.2020	7th yr
AP 4026	AP/P/2013/007319	28.06.2019	13.07.2020	7th yr
AP 4342	AP/P/2013/007340	28.06.2019	06.06.2020	7th yr
AP 4660	AP/P/2013/007341	01.07.2019	06.06.2020	7th yr
AP 4476	AP/P/2014/007358	21.06.2019	26.06.2020	7th yr
AP 4314	AP/P/2014/007385	28.06.2019	17.08.2020	7th yr
AP 4315	AP/P/2014/007388	12.07.2019	19.07.2020	7th yr
AP 4328	AP/P/2014/007389	12.07.2019	18.07.2020	7th yr
AP 3867	AP/P/2014/007402	14.06.2019	01.08.2020	7th yr
AP 3777	AP/P/2014/007413	28.06.2019	13.07.2020	7th yr
AP 3992	AP/P/2014/007416	12.07.2019	16.07.2020	7th yr
AP 3979	AP/P/2014/007417	12.07.2019	16.07.2020	7th yr
AP 4317	AP/P/2014/007425	12.07.2019	08.08.2020	7th yr
AP 3895	AP/P/2014/007432	28.06.2019	18.07.2020	7th yr
AP 4618	AP/P/2014/007476	28.06.2019	15.08.2020	7th yr
AP 4577	AP/P/2014/007484	05.07.2019	22.08.2020	7th yr
AP 4054	AP/P/2014/007509	12.07.2019	31.08.2020	7th yr
AP 3937	AP/P/2014/007519	12.07.2019	17.08.2020	7th yr
AP 3868	AP/P/2014/007547	26.06.2019	21.08.2020	8th yr
AP 4295	AP/P/2014/007662	17.07.2019	29.11.2020	7th yr
AP 4540	AP/P/2014/007847	31.07.2019	01.08.2020	5th yr
AP 3822	AP/P/2014/007908	08.07.2019	11.02.2020	6th yr
AP 3822	AP/P/2014/007908	08.07.2019	11.02.2015	1st yr
AP 3855	AP/P/2014/007911	12.07.2019	29.08.2020	5th yr
AP 4378	AP/P/2014/008041	28.06.2019	28.07.2020	6th yr
AP 3722	AP/P/2014/008110	28.06.2019	12.07.2020	6th yr
AP 4664	AP/P/2014/008129	14.06.2019	31.07.2020	7th yr
AP 3903	AP/P/2014/008166	28.06.2019	02.07.2020	6th yr
AP 4108	AP/P/2014/008167	28.06.2019	09.07.2020	7th yr
AP 4134	AP/P/2015/008198	05.07.2019	23.07.2020	6th yr
AP 4296	AP/P/2015/008207	21.06.2019	02.07.2020	6th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 4514	AP/P/2015/008210	21.06.2019	12.07.2020	6th yr
AP 4463	AP/P/2015/008221	12.07.2019	22.07.2020	6th yr
AP 4683	AP/P/2015/008228	28.06.2019	16.07.2020	6th yr
AP 4530	AP/P/2015/008230	19.06.2019	19.06.2020	6th yr
AP 4126	AP/P/2015/008252	21.06.2019	31.07.2020	6th yr
AP 4341	AP/P/2015/008259	21.06.2019	05.07.2020	6th yr
AP 4127	AP/P/2015/008274	12.07.2019	16.08.2020	6th yr
AP 4142	AP/P/2015/008283	23.07.2019	29.07.2020	6th yr
AP 4793	AP/P/2015/008335	17.07.2019	30.08.2020	6th yr
AP 4750	AP/P/2016/009632	12.07.2019	30.07.2020	4th yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2019/000165
(22) 17.07.2019
(23) 17.07.2019
(51) **G09B 23/00 (2015.01)**
B01L 3/00 (2015.01)
B01L 99/00 (2015.01)
G09B 19/00 (2015.01)
G09B 23/06 (2015.01)
G09B 23/24 (2015.01)
G09B 25/00 (2015.01)
B01J 2219/0002 (2015.01)
B01J 2219/00871 (2015.01)
G09B 5/14 (2015.01)
B01L 9/02 (2015.01)
(54) BASIC UTILITY SCIENCE-LABORATORY (BUS-LAB)
(71) NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
(72) PARADZAYI ENOCK
(74) NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
(84) BW, LS, MW, MZ, NA, RW, SL, ZM
(96) 17.07.2019 AP/U/2019/000165

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(21) AP/U/2019/000166
(22) 22.07.2019
(23) 22.07.2019
(51) **B65G 1/137 (2015.01)**
G06Q 10/08 (2015.01)
G07C 9/00 (2015.01)
G07F 17/12 (2015.01)
G07F 7/00 (2015.01)
G06F 17/00 (2015.01)
G06F 21/31 (2015.01)
(54) AN ELECTRONIC AND AUTOMATED PARCEL LOCKER SYSTEM FOR AUTOMATING PACKAGE DELIVERIES AND DROP OFF
(74) IP Africa Consultants
(75) TURATIMANA Florent and NIBAKUZE Placide
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 22.07.2019 AP/U/2019/000166

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Utility Model Applications Pending Registration

(21) AP/U/2017/000100
(22) 27.09.2017
(23) 10.07.2019
(51) **A22C 21/00 (2006.01)**
A22B 3/08 (2015.01)
(54) POULTRY SLAUGHTERING CONE
(74) CHEKERA Evangelista
(84) ZW

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Utility Model Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/2014/000037	05.07.2019	26.08.2020	5th yr
AP/U/2017/000097	03.01.2019	29.12.2019	3rd yr
AP/U/2017/000106	10.06.2019	21.12.2019	1st yr

Utility Models Registered

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP/U/000022

(21) **Application No :** AP/U/2018/000115

(22) **Filing Date :** 19.03.2018

(24) (45) **Date of Grant & Publication :** 18/07/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date

(84) **Designated States:**

BW GH GM KE LR LS MW
MZ NA RW SD SL ST SZ
TZ UG ZM ZW

(73) Applicant(s)
The Trustees for the time being of the KMN FULFILMENT TRUST, 8 Kestrel Street, Ebotse Golf Estate, Rynfield, 1504 Benoni, South Africa

(72) Inventors
MAKGERU Kabu Walter, South Africa

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** H02K 47/04 (2006.01)

(54) **Title**

AN ELECTRIC GENERATOR HAVING A CENTRAL MAGNETIC SHAFT

(57) **Abstract**

An electric generator has a stator and a rotor and the stator comprises a central shaft that has at least one axially-offset coil at an axial end such that a major central portion of the central shaft is not surrounded by the coil, the coil being configured to magnetise the central shaft. The stator comprises a plurality of generating layers, each generating layer comprising generating windings provided circumferentially around the central shaft and the rotor comprises a magnetising layer aligned with the major central portion. At least one of the generating layers is in the form of a tubular assembly comprising a tubular body which is co-axial with the central shaft and at least one axially-offset coil at an axial end such that a major central portion of the tubular body is not surrounded by the coil, the coil being configured to magnetise the tubular body.

(56) **Documents Cited :** AP4071 AP3882 AP2187

DESIGNS

Design Applications Filed

(21) AP/D/2019/001379
(22) 04.03.2019
(31) UG/D/2019/0000013
(32) 01.03.2019 (33) UG
(51) **30-03 (11)**
(54) POULTRY NIPPLE DRINKER
(71) HOPE COCK UGANDA LIMITED
(72) KIGOZI Julia
(74) HOPE COCK UGANDA LIMITED
(84) KE, RW, TZ

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(21) AP/D/2019/001380
(22) 16.07.2019
(51) **25-03 (11)**
(54) FOONDIA (SUGGESTION BOX)
(74) MUSANDU B. Munyaradzi
(75) MUSANDU B. Munyaradzi
(84) ZW

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(21) AP/D/2019/001381
(22) 19.07.2019
(51) **13-03 (11)**
(54) VOLTAGE GUARDS AND AUTOMATIC VOLTAGE SWITCHERS
(71) SOLLATEK (UK) LIMITED
(72) JOHNSON Stuart
(74) KAPLAN & STRATTON ADVOCATES
(84) GH, KE, MW, MZ, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2019/001382
(22) 19.07.2019
(31) 29/679,132
(32) 01.02.2019 (33) US
(51) **09-02 (11)**
(54) CASING
(71) D.LIGHT DESIGN, INC.
(72) JUN He Zhi and VENKATESH Eshaa
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2019/001383
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001383
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001384
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001385
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001386
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001387
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001388
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001389
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001390
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/D/2019/001391
(22) 23.07.2019
(31) 40 2019 100 093.3
(32) 24.01.2019 (33) DE
(51) **12-16 (11)**
(54) CABINS FOR VEHICLES
(71) MAN Truck & Bus SE
(72) KOOS Holger
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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Designs Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/2014/000884	28.06.2019	25.07.2020	5th yr
AP/D/2018/001288	12.07.2019	17.07.2020	1st yr
AP/D/2018/001289	17.07.2019	19.07.2020	1st yr

Designs Registered

FORM 25	(12) DESIGN	(19) AP/D

(11) **Design No :** AP/D/01069

(21) **Application No :** AP/D/2018/001288

(22) **Filing Date :** 17.07.2018

(24) **Registration Date:** 12/07/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	29/637,794	22.02.2018

(84) **Designated States:**
KE MW

(73) **Applicant(s)**
GROW SOLUTIONS TECH LLC, 170 South Interstate Plaza Drive, Suite 130, Lehi, Utah 84043, United States of America

(72) **Creators**
MILLAR Gary Bret, United States of America
STOTT Mark Gerald, United States of America
TUELLER Todd Garrett, United States of America
et al

(74) **Representative**
GALLOWAY & COMPANY, Zimbabwe

(51) **International Classification :** 15-03

(54) **Title**
STRAIGHT TRACK DESIGN

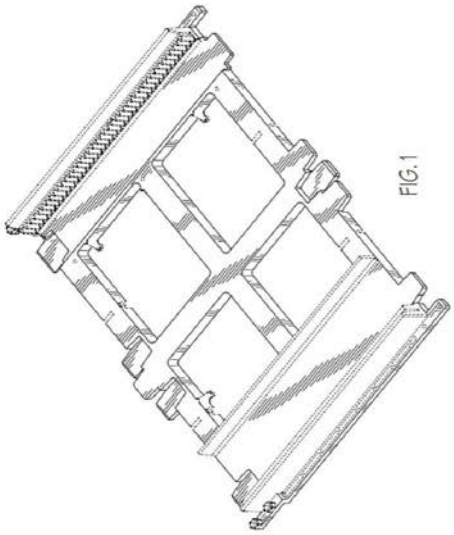


FIG.1

Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00259	AP/D/2010/000360	12.07.2019	05.08.2020	9th yr
AP/D/00262	AP/D/2010/000361	12.07.2019	06.08.2020	9th yr
AP/D/00263	AP/D/2010/000365	12.07.2019	24.08.2020	9th yr
AP/D/00264	AP/D/2010/000364	12.07.2019	24.08.2020	9th yr
AP/D/00336	AP/D/2012/000487	28.06.2019	06.07.2020	7th yr
AP/D/00337	AP/D/2012/000472	28.06.2019	06.07.2020	7th yr
AP/D/00339	AP/D/2012/000462	28.06.2019	06.07.2020	7th yr
AP/D/00341	AP/D/2012/000464	28.06.2019	06.07.2020	7th yr
AP/D/00342	AP/D/2012/000467	28.06.2019	06.07.2020	7th yr
AP/D/00343	AP/D/2012/000469	28.06.2019	06.07.2020	7th yr
AP/D/00344	AP/D/2012/000470	28.06.2019	06.07.2020	7th yr
AP/D/00345	AP/D/2012/000471	28.06.2019	06.07.2020	7th yr
AP/D/00346	AP/D/2012/000473	28.06.2019	06.07.2020	7th yr
AP/D/00347	AP/D/2012/000474	28.06.2019	06.07.2020	7th yr
AP/D/00348	AP/D/2012/000475	28.06.2019	06.07.2020	7th yr
AP/D/00349	AP/D/2012/000480	28.06.2019	06.07.2020	7th yr
AP/D/00350	AP/D/2012/000503	28.06.2019	10.07.2020	7th yr
AP/D/00351	AP/D/2012/000505	28.06.2019	10.07.2020	7th yr
AP/D/00352	AP/D/2012/000506	28.06.2019	10.07.2020	7th yr
AP/D/00353	AP/D/2012/000507	28.06.2019	10.07.2020	7th yr
AP/D/00354	AP/D/2012/000509	28.06.2019	10.07.2020	7th yr
AP/D/00355	AP/D/2012/000512	28.06.2019	19.07.2020	7th yr
AP/D/00356	AP/D/2012/000513	28.06.2019	19.07.2020	7th yr
AP/D/00357	AP/D/2012/000514	28.06.2019	19.07.2020	7th yr
AP/D/00358	AP/D/2012/000515	28.06.2019	19.07.2020	7th yr
AP/D/00359	AP/D/2012/000516	28.06.2019	19.07.2020	7th yr
AP/D/00360	AP/D/2012/000517	28.06.2019	19.07.2020	7th yr
AP/D/00361	AP/D/2012/000518	28.06.2019	19.07.2020	7th yr
AP/D/00362	AP/D/2012/000520	28.06.2019	19.07.2020	7th yr
AP/D/00363	AP/D/2012/000521	28.06.2019	19.07.2020	7th yr
AP/D/00364	AP/D/2012/000522	28.06.2019	19.07.2020	7th yr
AP/D/00365	AP/D/2012/000523	28.06.2019	19.07.2020	7th yr
AP/D/00366	AP/D/2012/000524	28.06.2019	19.07.2020	7th yr
AP/D/00367	AP/D/2012/000525	28.06.2019	19.07.2020	7th yr
AP/D/00368	AP/D/2012/000526	28.06.2019	19.07.2020	7th yr
AP/D/00369	AP/D/2012/000476	28.06.2019	06.07.2020	7th yr
AP/D/00370	AP/D/2012/000477	28.06.2019	06.07.2020	7th yr
AP/D/00371	AP/D/2012/000479	28.06.2019	06.07.2020	7th yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00372	AP/D/2012/000483	28.06.2019	06.07.2020	7th yr
AP/D/00373	AP/D/2012/000485	28.06.2019	06.07.2020	7th yr
AP/D/00374	AP/D/2012/000478	28.06.2019	06.07.2020	7th yr
AP/D/00379	AP/D/2012/000465	28.06.2019	06.07.2020	7th yr
AP/D/00381	AP/D/2012/000482	28.06.2019	06.07.2020	7th yr
AP/D/00382	AP/D/2012/000488	28.06.2019	09.07.2020	7th yr
AP/D/00383	AP/D/2012/000489	28.06.2019	09.07.2020	7th yr
AP/D/00384	AP/D/2012/000490	28.06.2019	09.07.2020	7th yr
AP/D/00385	AP/D/2012/000491	28.06.2019	09.07.2020	7th yr
AP/D/00386	AP/D/2012/000492	28.06.2019	09.07.2020	7th yr
AP/D/00387	AP/D/2012/000493	28.06.2019	09.07.2020	7th yr
AP/D/00388	AP/D/2012/000494	28.06.2019	09.07.2020	7th yr
AP/D/00389	AP/D/2012/000495	28.06.2019	09.07.2020	7th yr
AP/D/00390	AP/D/2012/000496	28.06.2019	09.07.2020	7th yr
AP/D/00391	AP/D/2012/000497	28.06.2019	09.07.2020	7th yr
AP/D/00392	AP/D/2012/000498	28.06.2019	09.07.2020	7th yr
AP/D/00393	AP/D/2012/000499	28.06.2019	09.07.2020	7th yr
AP/D/00394	AP/D/2012/000500	28.06.2019	09.07.2020	7th yr
AP/D/00395	AP/D/2012/000501	28.06.2019	09.07.2020	7th yr
AP/D/00396	AP/D/2012/000502	28.06.2019	09.07.2020	7th yr
AP/D/00397	AP/D/2012/000508	28.06.2019	10.07.2020	7th yr
AP/D/00399	AP/D/2012/000519	28.06.2019	19.07.2020	7th yr
AP/D/00407	AP/D/2012/000481	28.06.2019	06.07.2020	7th yr
AP/D/00408	AP/D/2012/000504	28.06.2019	10.07.2020	7th yr
AP/D/00417	AP/D/2012/000468	28.06.2019	06.07.2020	7th yr
AP/D/00428	AP/D/2010/000366	12.07.2019	24.08.2020	9th yr
AP/D/00487	AP/D/2013/000654	28.06.2019	03.07.2020	6th yr
AP/D/00488	AP/D/2013/000655	28.06.2019	03.07.2020	6th yr
AP/D/00489	AP/D/2013/000659	28.06.2019	03.07.2020	6th yr
AP/D/00490	AP/D/2013/000660	28.06.2019	03.07.2020	6th yr
AP/D/00491	AP/D/2013/000661	28.06.2019	03.07.2020	6th yr
AP/D/00492	AP/D/2013/000662	28.06.2019	03.07.2020	6th yr
AP/D/00493	AP/D/2013/000663	28.06.2019	03.07.2020	6th yr
AP/D/00494	AP/D/2013/000666	28.06.2019	03.07.2020	6th yr
AP/D/00495	AP/D/2013/000667	28.06.2019	03.07.2020	6th yr
AP/D/00496	AP/D/2013/000670	28.06.2019	03.07.2020	6th yr
AP/D/00497	AP/D/2013/000671	28.06.2019	03.07.2020	6th yr
AP/D/00498	AP/D/2013/000685	28.06.2019	03.07.2020	6th yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00503	AP/D/2013/000652	28.06.2019	03.07.2020	6th yr
AP/D/00504	AP/D/2013/000653	28.06.2019	03.07.2020	6th yr
AP/D/00505	AP/D/2013/000657	28.06.2019	03.07.2020	6th yr
AP/D/00506	AP/D/2013/000658	28.06.2019	03.07.2020	6th yr
AP/D/00507	AP/D/2013/000664	28.06.2019	03.07.2020	6th yr
AP/D/00508	AP/D/2013/000665	28.06.2019	03.07.2020	6th yr
AP/D/00509	AP/D/2013/000668	28.06.2019	03.07.2020	6th yr
AP/D/00510	AP/D/2013/000669	28.06.2019	03.07.2020	6th yr
AP/D/00512	AP/D/2013/000673	28.06.2019	03.07.2020	6th yr
AP/D/00513	AP/D/2013/000674	28.06.2019	03.07.2020	6th yr
AP/D/00514	AP/D/2013/000675	28.06.2019	03.07.2020	6th yr
AP/D/00515	AP/D/2013/000676	28.06.2019	03.07.2020	6th yr
AP/D/00516	AP/D/2013/000677	28.06.2019	03.07.2020	6th yr
AP/D/00517	AP/D/2013/000678	28.06.2019	03.07.2020	6th yr
AP/D/00518	AP/D/2013/000679	28.06.2019	03.07.2020	6th yr
AP/D/00519	AP/D/2013/000680	28.06.2019	03.07.2020	6th yr
AP/D/00520	AP/D/2013/000682	28.06.2019	03.07.2020	6th yr
AP/D/00521	AP/D/2013/000683	28.06.2019	03.07.2020	6th yr
AP/D/00522	AP/D/2013/000684	28.06.2019	03.07.2020	6th yr
AP/D/00523	AP/D/2013/000686	28.06.2019	03.07.2020	6th yr
AP/D/00524	AP/D/2013/000688	28.06.2019	03.07.2020	6th yr
AP/D/00525	AP/D/2013/000689	28.06.2019	03.07.2020	6th yr
AP/D/00526	AP/D/2013/000690	28.06.2019	03.07.2020	6th yr
AP/D/00527	AP/D/2013/000691	28.06.2019	03.07.2020	6th yr
AP/D/00528	AP/D/2013/000692	28.06.2019	03.07.2020	6th yr
AP/D/00529	AP/D/2013/000693	28.06.2019	03.07.2020	6th yr
AP/D/00530	AP/D/2013/000694	28.06.2019	03.07.2020	6th yr
AP/D/00531	AP/D/2013/000695	28.06.2019	03.07.2020	6th yr
AP/D/00548	AP/D/2013/000649	28.06.2019	03.07.2020	6th yr
AP/D/00549	AP/D/2013/000650	28.06.2019	03.07.2020	6th yr
AP/D/00550	AP/D/2013/000651	28.06.2019	03.07.2020	6th yr
AP/D/00551	AP/D/2013/000687	28.06.2019	03.07.2020	6th yr
AP/D/00559	AP/D/2013/000681	28.06.2019	03.07.2020	6th yr
AP/D/00688	AP/D/2014/000883	28.06.2019	15.07.2020	5th yr
AP/D/00706	AP/D/2014/000931	28.06.2019	24.10.2020	5th yr
AP/D/00709	AP/D/2014/000885	29.07.2019	29.07.2020	5th yr
AP/D/00710	AP/D/2014/000887	29.07.2019	29.07.2020	5th yr
AP/D/00737	AP/D/2013/000709	28.06.2019	25.07.2020	6th yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00852	AP/D/2015/001039	05.07.2019	26.08.2020	4th yr
AP/D/00901	AP/D/2016/001135	17.07.2019	10.08.2020	3rd yr
AP/D/00907	AP/D/2016/001142	28.06.2019	20.09.2020	3rd yr
AP/D/00908	AP/D/2016/001143	28.06.2019	20.09.2020	3rd yr
AP/D/00910	AP/D/2016/001118	20.06.2019	23.06.2020	3rd yr
AP/D/00911	AP/D/2016/001120	20.06.2019	23.06.2020	3rd yr
AP/D/00914	AP/D/2016/001117	20.06.2019	23.06.2020	3rd yr
AP/D/00915	AP/D/2016/001119	20.06.2019	23.06.2020	3rd yr
AP/D/00916	AP/D/2016/001121	20.06.2019	23.06.2020	3rd yr
AP/D/00917	AP/D/2016/001122	20.06.2019	23.06.2020	3rd yr
AP/D/00917	AP/D/2016/001122	20.06.2019	23.06.2019	2nd yr
AP/D/00928	AP/D/2016/001123	25.06.2019	30.06.2020	3rd yr
AP/D/00936	AP/D/2016/001125	20.06.2019	30.06.2020	3rd yr
AP/D/00954	AP/D/2017/001205	18.07.2019	28.07.2020	2nd yr
AP/D/00956	AP/D/2017/001200	14.06.2019	12.07.2020	2nd yr
AP/D/00964	AP/D/2017/001196	19.06.2019	28.06.2020	2nd yr
AP/D/00966	AP/D/2017/001197	19.06.2019	28.06.2020	2nd yr
AP/D/00967	AP/D/2017/001211	20.06.2019	14.08.2020	2nd yr
AP/D/00993	AP/D/2017/001199	05.07.2019	12.07.2020	2nd yr
AP/D/01039	AP/D/2018/001290	17.07.2019	19.07.2020	1st yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR04230/UG	06/04/2017	UG	Information about ARIPO	UGANDA REGISTRATION SERVICES BUREAU	Substantive examination for patent application No. UG/P/2017/00007 in the name of CHANNEL TECHNOLOGIES LIMTED
SR04334/GH	17/07/2017	GH	Substantive Examination	REGISTRAR DEPARTMENT - GHANA	Substantive examination for patent application No. GH/P/09/00010 in the name of NETI UEPS TECHNOLOGIES INC
SR04358/BW	31/07/2017	BW	Substantive Examination	REGISTRAR OF PATENTS - BOTSWANA	Substantive examination for patent application No. BW/P/2017/00004 in the name of REISCHIG, PETER
SR04362/BW	27/07/2017	BW	Substantive Examination	Companies and Intellectual Property Authority	Substantive examination for patent application No. BW/P/2017/00003 in the name of HOTTENSIA W. NDUNGU
SR04405/US	14/09/2017	US	SDI	SCHIMMOELLER ANDREW	Information on Designation of Liberia
SR04827/UG	24/05/2018	UG	Copies of documents	REGISTRAR OF PATENTS - UGANDA	Pest controlling net, pest controlling method and method of installing of installing pest controlling net
SR04832/GH	13/11/2018	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Request for search and Examination
SR04861/NA	10/12/2018	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	Dock-Less Electric Vehicles Share/Rental Business Module
SR04871/RW	19/12/2018	RW	Substantive Examination	RWANDA DEVELOPMENT BOARD	Request for substantive examination
SR04909/GH	05/02/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	AN APPARATUS FOR TAKING SAMPLES FROM A SLURRY FLOW
SR04936/NA	05/03/2019	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	A natural method to stop post shaving pimples without using any chemical based products
SR04997/ZA	09/05/2019	ZA	Information about ARIPO	HALM NAANA	Procedure on payment of annuities
SR05019/GH	04/06/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Request regarding Search and Substantive Examination-Flexible Armoured pipe with a Retaining Layer of metal Elongate Strip
SR05021/GH	04/06/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Search and Substantive Examination regarding CONTROLLED TURBULENT BREAKUP FLOW
SR05023/US	10/06/2019	US	Bibliographic data-including status	Morales Luis	Status search for Patent Application No. AP/P/2018/010621
SR05043/RW	01/07/2019	RW	SDI	NSHIMIYUMUKIZA GEDEON	Information about ARIPO
SR05044/SL	01/07/2019	SL	SDI	KAMARA MELVIN FODAY	Information about ARIPO
SR05047/NA	03/07/2019	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	RETAILING MECHANISM OF THE SELF-LOADING SULPHUR CONTAINER AND CONTAINER
SR05048/ZW	03/07/2019	ZW		MUPONA WILLIE	Information about ARIPO
SR05049/UG	03/07/2019	UG		MAGEZI IBAALE & CO. ADVOCATES	Information regarding change of email address on IP Agents records in the name of MAGEZI John

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR05052/GH	04/07/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	CRUSHER COMPRISING REPLACEABLE PROTECTIVE LINERS in the name of METSO SWEDEN AB
SR05053/GH	04/07/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	SUPPORTING WASHER in the name of MLT MINE LACING TECHNOLOGY
SR05055/GH	04/07/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	A press for Separating cocoa Mass into Cocoa Cake and Cocoa Butter in the name of B.V. Machinefabriek P. M. Duyvis
SR05057/GH	05/07/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	VIBRATORY SCREENING APPARATUS in the name of METSO MINERALS, INC.
SR05058/KE	04/07/2019	KE	Copies of documents	ISEME, KAMAU & MAEMA ADVOCATES	Request For copies of ARIPO Patent No. AP 1647 (Application No. AP/P/2003/002789)
SR05059/ZW	08/07/2019	ZW	Information about ARIPO	EMPERIAL LEGACY GROUP	Information about ARIPO
SR05060/ZW	08/07/2019	ZW	Information about ARIPO	GWARA PFIDZAI	Information about ARIPO
SR05061/MW	09/07/2019	MW	Bibliographic data-including status	FISHER CORMACK & BOTHA	Request for search for corresponding Patent Application in the ARIPO [SPOOR-Cases. J583087. PM501029]
SR05062/BW	10/07/2019	BW		Companies and Intellectual Property Authority	Requesting information regarding how to deal with Assignment
SR05063/ZW	10/07/2019	ZW	Bibliographic data-including status	MAWERE AND SIBANDA LEGAL PRACTITIONERS	REQUEST FOR DATA ON IP FILINGS THROUGH ARIPO
SR05064/GB	10/07/2019	GB		AL KHALILI ALI	Information about ARIPO
SR05065/NA	11/07/2019	NA	SDI	ROLAND INTELLECTUAL PROPERTY CONSULTANTS	Trade mark search for LIVESCORE in classes 9, 35, 38, 40, 41 and 42
SR05067/TZ	15/07/2019	TZ		UNITED TRADEMARK & PATENT SERVICES LIMITED	Request to become an IP Agent for ARIPO
SR05068/ZW	10/07/2019	ZW	SDI	RABWI AUXCILLIA	YC Start-up Tour Bus IP in the name of RABWI Auxcillia
SR05069/ZW	15/07/2019	ZW	Information about ARIPO	MURINGISI TERANCE	Information about ARIPO Services on Registration of Trademarks
SR05070/UG	15/07/2019	UG	Information about ARIPO	AWANGA DOREEN	Information about ARIPO
SR05072/KE	17/07/2019	KE	SDI	JAHONGA WILBERFORCE	IP statistics for Africa
SR05073/MW	17/07/2019	MW	Bibliographic data-including status	FISHER CORMACK & BOTHA	Urgent Patent Status Request [SPOORCases.J577456.PM501028]
SR05074/NA	18/07/2019	NA		CRONJÉ & CO	Patent enquiry
SR05075/GH	19/07/2019	GH	SDI	GHANA RUBBER ESTATES LIMITED	Ghana Rubber Estates Limited
SR05077/HK	23/07/2019	HK	SDI	CHANGANI ISHWAR	Information regarding trademark registration
SR05078/NG	22/07/2019	NG	Information about ARIPO	PARAGON ADVISORS	Trademark/Patent Registration - Referral
SR05079/GH	23/07/2019	GH	Information about ARIPO	zenith troop industrial	Information about ARIPO Services

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR05080/ZW	25/07/2019	ZW	SDI	FENNELL JONATHAN	ARIPO contact form - "JFennell@GenesisBlockAfrica.com" in the name of FENNELL Jonathan
SR05081/ZW	26/07/2019	ZW	SDI	MOYO ALFRED	Enquiry on protecting our Catalyst Formula using Trade Secret IP
SR05082/MZ	26/07/2019	MZ	Bibliographic data-including status	ADAMS AND ADAMS MOZAMBIQUE	Cost estimates for ARIPO freedom to operate (FTO) search

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