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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>.

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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
BD	Bangladesh
BW	Botswana
CN	China
DE	Germany
EP	European Pantent Office
FI	Finland
FR	France
GB	United Kingdom
GH	Ghana
GM	The Gambia
HU	Hungary
IN	India
JP	Japan

Code	Country / Organization
KE	Kenya
LR	Liberia
LS	Lesotho
MW	Malawi
MZ	Mozambique
NA	Namibia
OA	African Intellectual Property Organization (OAPI)
RW	Rwanda
SD	Sudan
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	eSwatini
TZ	United Republic of Tanzania
UG	Uganda
US	United Sates of America

Code	Country / Organization
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2019/003890
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS Apache RTR 200

●●

(210) AP/M/2019/003891
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS ENTORQ 125

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(210) AP/M/2019/003892
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS ENTORQ SXR125

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(210) AP/M/2019/003893
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS AKULA

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(210) AP/M/2019/003894
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS AKULA 310

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(210) AP/M/2019/003895
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS AKULA 310

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(210) AP/M/2019/003896
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS NTORQ 125

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(210) AP/M/2019/003897
(220) 03.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sundaram-Clayton Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TVS MOTOR CO. GENUINE PARTS

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(210) AP/M/2019/003898
(220) 04.09.2019
(511) Int. Cl. 12: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MODEC, Inc.
(740) B MATANGA IP ATTORNEYS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **FSRWP**

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(210) AP/M/2019/003899
(220) 04.09.2019
(511) Int. Cl. 8: UG
(731) KONINKLIJKE PHILIPS N.V.
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) UG

(540)



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(210) AP/M/2019/003900
(220) 06.09.2019
(511) Int. Cl. 33: TZ, UG
(731) SOVEREIGN BRANDS, L.L.C.
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) **THE DEACON**

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(210) AP/M/2019/003901
(220) 09.09.2019
(511) Int. Cl. 11, 40 and 41: ZW
(731) CHEKERA Evangelista
(740) CHEKERA Evangelista
(814) ZW

(540) PASSION POULTRY

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(210) AP/M/2019/003902
(220) 10.09.2019
(511) Int. Cl. 30: ZW
(731) MODERN MAINTENANCE PRODUCTS (ZIMBABWE) (PRIVATE) LIMITED
(740) EVANS Grant L
(814) ZW

(540) mr.sauce add some

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003903
(220) 10.09.2019
(511) Int. Cl. 30: ZW
(731) MODERN MAINTENANCE PRODUCTS (ZIMBABWE) (PRIVATE) LIMITED
(740) EVANS Grant L
(814) ZW

(540)



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(210) AP/M/2019/003904
(220) 10.09.2019
(511) Int. Cl. 30: ZW
(731) MODERN MAINTENANCE PRODUCTS (ZIMBABWE) (PRIVATE) LIMITED
(740) EVANS Grant L
(814) ZW

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(210) AP/M/2019/003905
(220) 16.09.2019
(511) Int. Cl. 33: TZ, UG
(731) SOVEREIGN BRANDS, L.L.C.
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) VILLON

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(210) AP/M/2019/003906
(220) 16.09.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) PARTITION Inc.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003907
(220) 16.09.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) PARTITION Inc.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2019/003908
(220) 16.09.2019
(511) Int. Cl. 3 and 44: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) PARTITION Inc.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540)



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(210) AP/M/2019/003909
(220) 16.09.2019
(511) Int. Cl. 33: BW, LR, MW, NA, ZW
(731) JIM BEAM BRANDS CO.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, NA, ZW

(540) JIM BEAM

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(210) AP/M/2019/003910
(220) 16.09.2019
(511) Int. Cl. 33: BW, LR, MW, NA, ZW
(731) BEAM SUNTORY UK LIMITED
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, MW, NA, ZW

(540) TEACHER'S

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(210) AP/M/2019/003911
(220) 05.09.2019
(511) Int. Cl. 31: ZW
(731) ORSHA ASSOCIATES PVT LTD
(740) ORSHA ASSOCIATES PVT LTD
(814) ZW

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(210) AP/M/2019/003912
(220) 20.09.2019
(511) Int. Cl. 36: BW, ZW
(731) B.O.A. Group S.A.
(740) HONEY & BLANCKENBERG
(814) BW, ZW

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(210) AP/M/2019/003913
(220) 20.09.2019
(511) Int. Cl. 1, 2 and 17: LS, TZ, UG
(731) HELIOS Tovarna barv, lakov in umetnih smol Količevo, d.o.o.
(740) HONEY & BLANCKENBERG
(814) LS, TZ, UG

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(210) AP/M/2019/003914
(220) 20.09.2019
(511) Int. Cl. 1, 2 and 17: LS, TZ, UG
(731) HELIOS Tovarna barv, lakov in umetnih smol Količevo, d.o.o.
(740) HONEY & BLANCKENBERG
(814) LS, TZ, UG

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(210) AP/M/2019/003915
(220) 20.09.2019
(511) Int. Cl. 1, 2 and 17: LS, TZ, UG
(731) HELIOS Tovarna barv, lakov in umetnih smol Količevo, d.o.o.
(740) HONEY & BLANCKENBERG
(814) LS, TZ, UG

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003916
(220) 20.09.2019
(511) Int. Cl. 1, 2 and 17: LS, NA, TZ, UG
(731) HELIOS Tovarna barv, lakov in umetnih smol Količevo, d.o.o.
(740) HONEY & BLANCKENBERG
(814) LS, NA, TZ, UG

(540) **MOBIHEL**

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(210) AP/M/2019/003917
(220) 20.09.2019
(511) Int. Cl. 1, 2 and 17: LS, NA, TZ, UG
(731) HELIOS Tovarna barv, lakov in umetnih smol Količevo, d.o.o.
(740) HONEY & BLANCKENBERG
(814) LS, NA, TZ, UG

(540) **COLOMIX**

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(210) AP/M/2019/003918
(220) 20.09.2019
(511) Int. Cl. 1, 2, 4, 5, 16, 17 and 19: TZ, UG
(731) HELIOS Tovarna barv, lakov in umetnih smol Količevo, d.o.o.
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) HELIOS

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(210) AP/M/2019/003919
(220) 24.09.2019
(511) Int. Cl. 32: BW, LS, MW, NA, TZ, UG, ZW
(731) MOFAYA HOLDING COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MW, NA, TZ, UG, ZW

(540) MOFAYA

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(210) AP/M/2019/003921
(220) 24.09.2019
(511) Int. Cl. 32: BW, LS, MW, NA, TZ, UG, ZW
(731) MOFAYA HOLDING COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MW, NA, TZ, UG, ZW

(540) MYFAYA

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(210) AP/M/2019/003923
(220) 24.09.2019
(511) Int. Cl. 32: BW, LS, MW, NA, TZ, UG, ZW
(731) MOFAYA HOLDING COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MW, NA, TZ, UG, ZW

(540) **MOFAYA**

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(210) AP/M/2019/003924
(220) 24.09.2019
(511) Int. Cl. 32: BW, LS, MW, NA, TZ, UG, ZW
(731) MOFAYA HOLDING COMPANY (PTY) LTD
(740) Cronjé & Co.
(814) BW, LS, MW, NA, TZ, UG, ZW

(540) **MYFAYA**

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(210) AP/M/2019/003925
(220) 25.09.2019
(511) Int. Cl. 36: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JOHANNESEN Jonathan
(740) Nkomo Moses
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) FLASH

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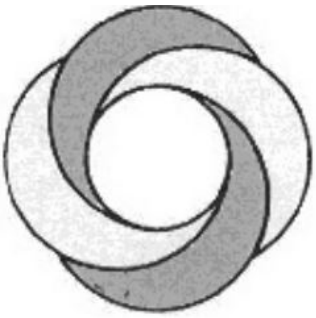
(210) AP/M/2019/003927
(220) 27.09.2019
(511) Int. Cl. 33: TZ, UG
(731) BUMBU RUM COMPANY LLC
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) **BUMBU**

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(210) AP/M/2019/003929
(220) 30.09.2019
(511) Int. Cl. 5: TZ, UG
(731) SUN PHARMACEUTICAL INDUSTRIES LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

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Marks Pending Registration

(210) AP/M/2017/003187
(220) 07.11.2017
(511) Int. Cl. 9: BW
(731) Amazon Technologies INC., a Nevada Corporation
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW

(540) **FIRE**

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(210) AP/M/2018/003249
(220) 15.01.2018
(511) Int. Cl. 43: BW, TZ, ZW
(731) JIBU LIMITED
(740) ZIGOMO LEGAL PRACTITIONERS
(814) BW, TZ, ZW

(540)



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(210) AP/M/2018/003253
(220) 22.01.2018
(511) Int. Cl. 35 and 36: ZW
(731) ABACUS 360 INCORPORATED
(740) B MATANGA IP ATTORNEYS
(814) ZW

(540)



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(210) AP/M/2018/003271
(220) 08.02.2018
(511) Int. Cl. 5: BW, LR, LS, MW, ST, SZ, TZ, UG, ZW
(731) MILBORROW ANIMAL HEALTH (ZIMBABWE) (PRIVATE) LIMITED
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS (3EYES)
(814) BW, LR, LS, MW, ST, SZ, TZ, UG, ZW

(540) **TERRA-**

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(210) AP/M/2018/003289
(220) 13.03.2018
(511) Int. Cl. 25: LR, LS, TZ, UG
(731) F. T. M. GARMENTS SWAZILAND (PTY) LTD
(740) HUSSEIN RANCHHOD & CO
(814) LR, LS, TZ, UG

(540) **JABULANI & JABULILE**

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(210) AP/M/2018/003290
(220) 13.03.2018
(511) Int. Cl. 25: LR, LS, TZ, UG
(731) F. T. M. GARMENTS SWAZILAND (PTY) LTD
(740) HUSSEIN RANCHHOD & CO
(814) LR, LS, TZ, UG

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(210) AP/M/2018/003294
(220) 16.03.2018
(511) Int. Cl. 10 and 44: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MILBORROW ANIMAL HEALTH (ZIMBABWE) (PRIVATE) LIMITED
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS (3EYES)
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **VITA-**

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(210) AP/M/2018/003368
(220) 01.06.2018
(511) Int. Cl. 9, 17 and 35: BW, LR, LS, MW, SZ, TZ, UG
(511) Int. Cl. 11 and 19: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) GONGNIU GROUP CO., LTD
(740) Cronjé & Co.
(814) BW, LR, LS, MW, SZ, TZ, UG

(540) **GONGNIU**

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(210) AP/M/2018/003393
(220) 11.06.2018
(511) Int. Cl. 42: ZW
(731) MOYO Mukuwe
(740) MOYO Mukuwe
(814) ZW

(540) **KUWE**

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(210) AP/M/2018/003446
(220) 23.07.2018
(511) Int. Cl. 6: ZW
(731) SAFETOP (PROPRIETARY) LIMITED
(740) MAWERESIBANDA COMMERCIAL LAWYERS
(814) ZW

(540) **SAFETOP**

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(210) AP/M/2018/003453
(220) 25.07.2018
(511) Int. Cl. 6: ZW
(731) SAFETOP (PROPRIETARY) LIMITED
(740) MAWERESIBANDA COMMERCIAL LAWYERS
(814) ZW

(540) Safe Top

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(210) AP/M/2018/003460
(220) 15.08.2018
(511) Int. Cl. 16, 25 and 43: ZW
(731) CORPORACION HABANOS, S.A.
(740) HONEY & BLANCKENBERG
(814) ZW

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(210) AP/M/2018/003514
(220) 02.10.2018
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ASHTEL LLC
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003527
(220) 09.10.2018
(511) Int. Cl. 25: BW, LS, NA, SZ
(731) Eye of The Storm 2 (Pty) Ltd
(740) HONEY & BLANCKENBERG
(814) BW, LS, NA, SZ

(540) **TIMEZONE**

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Marks Pending Registration (Contd.)

(210) AP/M/2018/003528
(220) 09.10.2018
(511) Int. Cl. 25: BW, LS, NA, SZ
(731) Eye of The Storm 2 (Pty) Ltd
(740) HONEY & BLANCKENBERG
(814) BW, LS, NA, SZ

(540) **SOUTHPOLE**

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(210) AP/M/2018/003530
(220) 11.10.2018
(511) Int. Cl. 1, 42 and 44: MW, NA, TZ, UG, ZW
(731) SQM Europe N.V.
(740) HONEY & BLANCKENBERG
(814) MW, NA, TZ, UG, ZW

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(210) AP/M/2018/003531
(220) 11.10.2018
(511) Int. Cl. 1 and 44: MW, TZ, UG
(511) Int. Cl. 42: MW, NA, TZ, UG, ZW
(731) SQM Europe N.V.
(740) HONEY & BLANCKENBERG
(814) MW, TZ, UG

(540) **S Q M**

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(210) AP/M/2018/003533
(220) 16.10.2018
(511) Int. Cl. 21: MW, TZ, UG
(731) ZHEIJIANG XINCHEN INDUSTRY & TRADE CO., LTD
(740) Cronjé & Co.
(814) MW, TZ, UG

(540) TORNADO

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(210) AP/M/2018/003535
(220) 18.10.2018
(511) Int. Cl. 44: BW, LR, LS, ST, SZ, TZ, UG
(731) SHENZHEN QIANHAI AIAITIE BIOLOGICAL TECHNOLOGY CO., LTD
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, ST, SZ, TZ, UG

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(210) AP/M/2018/003536
(220) 18.10.2018
(511) Int. Cl. 44: BW, LR, LS, NA, ST, SZ, TZ, UG
(731) SHENZHEN QIANHAI AIAITIE BIOLOGICAL TECHNOLOGY CO., LTD
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, NA, ST, SZ, TZ, UG

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(210) AP/M/2018/003545
(220) 23.10.2018
(511) Int. Cl. 1: BW, LR, ZW
(731) ORO AGRI (SA) (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR

(540) **ORO-ROOT**

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(210) AP/M/2018/003553
(220) 26.10.2018
(511) Int. Cl. 41: BW
(731) VIRGIN ACTIVE SOUTH AFRICA (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW

(540) BOOST

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(210) AP/M/2018/003564
(220) 01.11.2018
(511) Int. Cl. 25: ZW
(731) TRUNINE SPORTS PBC
(740) PALLADIUM STRATEGY & IP CONSULTANTS
(814) ZW

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(210) AP/M/2018/003568
(220) 05.11.2018
(511) Int. Cl. 1 and 5: TZ
(731) AZUFRERA Y FERTILIZANTES PALLARES S.A.
(740) COGHLAN, WELSH & GUEST
(814) TZ

(540) **ZOLFO DANGOTI**

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(210) AP/M/2018/003570
(220) 06.11.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Al Wahdania General Trading Co LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

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(210) AP/M/2018/003579
(220) 20.11.2018
(511) Int. Cl. 29, 30 and 32: MW, TZ, UG
(731) PROMASIDOR IP HOLDINGS LIMITED
(740) HONEY & BLANCKENBERG
(814) MW, TZ, UG

(540) **J U M I**

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(210) AP/M/2018/003588
(220) 03.12.2018
(511) Int. Cl. 9 and 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**

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Marks Pending Registration (Contd.)

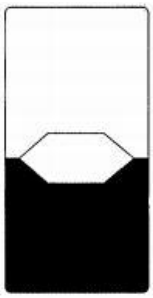
(210) AP/M/2018/003589
(220) 03.12.2018
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) JUUL

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(210) AP/M/2018/003590
(220) 03.12.2018
(511) Int. Cl. 9 and 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

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(210) AP/M/2018/003591
(220) 03.12.2018
(511) Int. Cl. 9 and 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

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(210) AP/M/2018/003592
(220) 03.12.2018
(511) Int. Cl. 9 and 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

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Marks Registered

(111) AP/M/2015/002348
(151) 27.09.2019
(220) 08.04.2015
(511) Int. Cl. 9, 10, 11 and 28: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(511) Int. Cl. 35, 36, 37, 38, 39, 40, 41, 42, 43, 44 and 45: BW, LR, LS, NA, SZ, TZ, UG, ZW
(731) SONY CORPORATION
(740) GILL, GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) **SONY**

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(111) AP/M/2016/002709
(151) 16.09.2019
(220) 30.06.2016
(511) Int. Cl. 9, 35, 36, 38, 41 and 42: BW, LR, LS, MW, SZ, TZ, UG, ZW
(731) MARKIT ECONOMIC LIMITED
(740) ARMSTRONGS
(814) BW, LR, LS, MW, SZ, TZ, UG, ZW

(540) **PMI**

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(111) AP/M/2017/002927
(151) 16.09.2019
(220) 05.05.2017
(511) Int. Cl. 35 and 36: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Surebuddy Limited
(740) ARMSTRONGS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) SureBuddy

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Marks Registered (Contd.)

(111) AP/M/2017/002983
(151) 22.09.2019
(220) 27.06.2017
(511) Int. Cl. 35: BW, LR, LS, NA, SZ, TZ, UG, ZW
(511) Int. Cl. 41 and 42: BW, LR, LS, NA, SZ, TZ, UG, ZW
(731) ALEF Education Consultancy L.L.C
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, NA, SZ, TZ, UG, ZW

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(111) AP/M/2017/003004
(151) 10.09.2019
(220) 26.07.2017
(511) Int. Cl. 30 and 35: ZW
(731) PROBRANDS (PRIVATE) LIMITED
(740) GILL, GODLONTON & GERRANS
(814) ZW

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(111) AP/M/2017/003022
(151) 23.09.2019
(220) 17.08.2017
(511) Int. Cl. 6, 11, 17, 19, 20 and 21: LR, UG
(731) Guangdong Liansu Technology Industrial Co., Ltd.
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) LR, UG

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(111) AP/M/2017/003044
(151) 23.09.2019
(220) 25.08.2017
(511) Int. Cl. 4: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Emirates National Oil Company Limited (ENOC) LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(111) AP/M/2017/003088
(151) 10.09.2019
(220) 18.09.2017
(511) Int. Cl. 41: BW, NA
(511) Int. Cl. 42: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 44: LR, LS, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 5 and 16: MW
(731) Centre for the AIDS Programme of Research in South Africa
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(111) AP/M/2017/003092
(151) 25.09.2019
(220) 22.09.2017
(511) Int. Cl. 9: BW, LS, NA, SZ, TZ, UG, ZW
(731) MAC Partners Ltd
(740) GALLOWAY & COMPANY
(814) BW, LS, NA, SZ, TZ, UG, ZW

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(111) AP/M/2017/003189
(151) 13.09.2019
(220) 15.11.2017
(511) Int. Cl. 1: BW
(511) Int. Cl. 1: LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Advanced Potash Technologies Ltd.
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(111) AP/M/2018/003251
(151) 23.09.2019
(220) 19.01.2018
(511) Int. Cl. 3, 16 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Napa Valley Foods Inc
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(111) AP/M/2018/003252
(151) 27.09.2019
(220) 19.01.2018
(511) Int. Cl. 3, 16 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Napa Valley Foods Inc
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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Marks Registered (Contd.)

(111) AP/M/2018/003256
(151) 23.09.2019
(220) 22.01.2018
(511) Int. Cl. 32: ZW
(731) MWATURURA Christopher
(740) ZIGOMO LEGAL PRACTITIONERS
(814) ZW

(540) **MAHEWU 610 SERIES**

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(111) AP/M/2018/003284
(151) 11.09.2019
(220) 22.02.2018
(511) Int. Cl. 3: UG
(731) ABC International LTD
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) UG

(540) Jennifer's

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(111) AP/M/2018/003343
(151) 06.09.2019
(220) 04.05.2018
(511) Int. Cl. 5: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) La Renon Healthcare Pvt. Ltd.
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **LA RENON**

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(111) AP/M/2018/003345
(151) 23.09.2019
(220) 04.05.2018
(511) Int. Cl. 5: BW, MW, NA, TZ, UG, ZW
(731) La Renon Healthcare Pvt. Ltd.
(740) HONEY & BLANCKENBERG
(814) BW, MW, NA, TZ, UG, ZW

(540) **PALMIGES**

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(111) AP/M/2018/003350
(151) 06.09.2019
(220) 16.05.2018
(511) Int. Cl. 34: BW, LR, ZW
(731) OPEN HORIZON LTD.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, ZW

(540) **PACIFIC BLUE**

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(111) AP/M/2018/003351
(151) 06.09.2019
(220) 16.05.2018
(511) Int. Cl. 34: BW, LR, ZW
(731) OPEN HORIZON LTD.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, ZW

(540) **PACIFIC**

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(111) AP/M/2018/003352
(151) 06.09.2019
(220) 16.05.2018
(511) Int. Cl. 34: BW, LR, ZW
(731) OPEN HORIZON LTD.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, ZW

(540) **PACIFIC BREEZE**

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(111) AP/M/2018/003364
(151) 23.09.2019
(220) 29.05.2018
(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.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) arrowhead pharmaceuticals

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(111) AP/M/2018/003378
(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 MOBILE PLUS**

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(111) AP/M/2018/003387
(151) 23.09.2019
(220) 07.06.2018
(511) Int. Cl. 35, 36 and 41: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) AFRICAN EXPORT - IMPORT BANK BANQUE AFRICAINE D'IMPORT - EXPORT
(740) DUBE, MANIKAI & HWACHA LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) AFREXIMBANK

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Marks Renewed

Registration No.	Date Fee Paid	Valid Until	Anniversary
AP/M/2008/000637	11.08.2019	29.08.2028	10th yr
AP/M/2009/000783	29.08.2019	24.02.2029	10th yr
AP/M/2009/000849	11.08.2019	29.08.2028	10th yr
AP/M/2009/000851	13.09.2019	05.10.2029	10th yr
AP/M/2009/000874	19.08.2019	30.11.2029	10th yr
AP/M/2010/000901	30.08.2019	26.02.2030	10th yr

PATENTS

Patent Applications Filed

(21) AP/P/2019/011826
(22) 23.02.2018
(23) 02.09.2019
(31) 2017/01410
(32) 24.02.2017 (33) ZA
(51) **C10L 5/28 (2006.01)**
C10L 5/16 (2006.01)
(54) PRODUCTION OF FORM COKE
(71) AFRI ECO TRADE (PTY) LTD.
(72) WOLFE Richard A, PEENS Johan Andries, PEENS Pieter Willem Schalk, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, MZ, NA, ZM, ZW
(86) 23.02.2018 PCT/İB2018/051135
(96) 23.02.2018 AP/P/2019/011826

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(21) AP/P/2019/011827
(22) 03.02.2018
(23) 03.09.2019
(31) 201741004017
(32) 03.02.2017 (33) IN
(51) **A61P 31/18 (2006.01)**
A61K 36/185 (2006.01)
A61K 36/47 (2006.01)
A61K 36/48 (2006.01)
A61K 36/75 (2006.01)
A61K 9/00 (2006.01)
(54) HERBAL MICROBICIDE FORMULATION FOR PREVENTING HIV
(71) NATIONAL INSTITUTE OF IMMUNOLOGY and HLL LIFECARE LIMITED
(72) AGARWAL Aakanksha, MISHRA Nripendra Nath, GUPTA Satish Kumar, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, KE, LS, MW, SZ, TZ, UG, ZM, ZW
(86) 03.02.2018 PCT/İN2018/050056
(96) 03.02.2018 AP/P/2019/011827

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(21) AP/P/2019/011828
(22) 10.05.2012
(23) 03.09.2019
(31) 61/595,526
(32) 06.02.2012 (33) US
(31) 61/562,303
(32) 21.11.2011 (33) US
(31) 61/484,610
(32) 10.05.2011 (33) US
(51) **C07K 16/40 (2006.01)**
A61P 3/06 (2006.01)
A61K 39/395 (2006.01)
(54) METHODS OF TREATING OR PREVENTING CHOLESTEROL RELATED DISORDERS
(71) AMGEN INC.
(72) STEIN Evan A, CLOGSTON Christi L, OSSLUND Timothy David, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 10.05.2012 PCT/US2012/037394
(96) 10.05.2012 AP/P/2019/011828

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(21) AP/P/2019/011829
(22) 07.03.2018
(23) 04.09.2019
(31) 62/468,937
(32) 08.03.2017 (33) US
(51) **C07H 15/256 (2006.01)**
C07H 1/00 (2006.01)
C07H 15/00 (2006.01)
A01H 5/00 (2018.01)
(54) HIGH REBAUDIOSIDE M STEVIA PLANT CULTIVARS AND METHODS OF PRODUCING THE SAME
(71) THE COCA-COLA COMPANY, KeyGene N.V and PureCircle USA Inc.
(72) PRAKASH Indra, HAYES Alec, KHAZI Fayaz, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MW, RW, SD, SZ, TZ, UG, ZM, ZW
(86) 07.03.2018 PCT/US2018/021389
(96) 07.03.2018 AP/P/2019/011829

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(21) AP/P/2019/011830
(22) 06.02.2018
(23) 04.09.2019
(31) 201741004324
(32) 06.02.2017 (33) IN
(51) **A61K 31/352 (2006.01)**
A61K 36/708 (2006.01)
A61K 31/05 (2006.01)
A61K 36/355 (2006.01)
A61K 36/64 (2006.01)
A61K 36/258 (2006.01)
(54) HERBO-MINERAL FORMULATION FOR THE TREATMENT OF CANCER AND METHOD OF PREPARATION THEREOF
(71) MUNIYAL AYURVEDIC RESEARCH CENTRE
(72) SHETTY M Vijayabhanu
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 06.02.2018 PCT/İN2018/050061
(96) 06.02.2018 AP/P/2019/011830

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(21) AP/P/2019/011831
(22) 13.03.2018
(23) 04.09.2019
(31) PCT/EP2017/055994
(32) 14.03.2017 (33) EP
(51) **A61P 37/00 (2006.01)**
A61P 37/06 (2006.01)
A61K 31/277 (2006.01)
A61K 31/42 (2006.01)
A61P 25/00 (2006.01)
A61K 31/426 (2006.01)
(54) PHARMACEUTICAL COMBINATION COMPRISING PONESIMOD
(71) ACTELION PHARMACEUTICALS LTD
(72) POUZOL Laetitia and CLOZEL Martine
(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) 13.03.2018 PCT/EP2018/056185
(96) 13.03.2018 AP/P/2019/011831

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(21) AP/P/2019/011832
(22) 12.02.2018
(23) 05.09.2019
(31) 62/457,279
(32) 10.02.2017 (33) US
(51) **C07K 7/06 (2006.01)**
A61K 38/08 (2006.01)
A61P 1/00 (2006.01)
C07C 53/10 (2006.01)
C07K 7/04 (2006.01)
(54) COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING ENVIRONMENTAL ENTEROPATHY
(71) UNIVERSITY OF MARYLAND, BALTIMORE and INNOVATE BIOPHARMACEUTICALS, INC.
(72) MADAN Jay
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 12.02.2018 PCT/US2018/017811
(96) 12.02.2018 AP/P/2019/011832

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(21) AP/P/2019/011833
(22) 11.08.2015
(23) 05.09.2019
(31) 14190676.8
(32) 28.10.2014 (33) EP
(51) **B63B 9/06 (2006.01)**
B63B 21/50 (2006.01)
B63B 35/44 (2006.01)
B63B 3/70 (2006.01)
(54) VESSEL HULL FOR USE AS A HULL OF A FLOATING HYDROCARBON STORAGE AND/OR PROCESSING PLANT, METHOD FOR PRODUCING SUCH A VESSEL HULL, VESSEL COMPRISING SUCH A VESSEL HULL, AS WELL METHOD FOR PRODUCING SUCH A VESSEL HAVING SUCH A VESSEL HULL
(71) SINGLE BUOY MOORINGS INC.
(72) FELDERHOFF Jean-Michel
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 11.08.2015 PCT/EP2015/068429
(96) 11.08.2015 AP/P/2019/011833

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(23) 06.09.2019
(31) 17164048.5
(32) 31.03.2017 (33) EP
(51) **A61P 31/14 (2006.01)**
C07D 403/12 (2006.01)
A61K 31/41 (2006.01)
(54) SUBSTITUTED INDOLINE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS
(71) KATHOLIEKE UNIVERSITEIT LEUVEN and JANSSEN PHARMACEUTICALS, INC.
(72) BARDIOT Dorothée Alice Marie-Eve, MARCHAND Arnaud Didier M, RABOISSON Piere Jean-Marie Bernard, 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) 29.03.2018 PCT/EP2018/058079
(96) 29.03.2018 AP/P/2019/011834

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(23) 06.09.2019
(31) PCT/US2017/017842
(32) 14.02.2017 (33) US
(31) PCT/US2017/041579
(32) 11.07.2017 (33) US
(51) **C40B 50/02 (2006.01)**
G06F 19/26 (2011.01)
G06F 19/22 (2011.01)
(54) METHOD AND SYSTEMS FOR THE RECONSTRUCTION OF GENOMIC REFERENCE SEQUENCES FROM COMPRESSED GENOMIC SEQUENCE READS
(71) GENOMSYS SA
(72) ALBERTI Claudio and BALUCH Mohamed Khoso
(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) 14.12.2017 PCT/US2017/066458
(96) 14.12.2017 AP/P/2019/011835

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(31) PCT/US2017/041579
(32) 11.07.2017 (33) US
(31) PCT/US2017/017842
(32) 14.02.2017 (33) US
(51) **G06F 19/22 (2011.01)**
C40B 50/02 (2006.01)
G06F 19/26 (2011.01)
(54) METHOD AND SYSTEMS FOR THE EFFICIENT COMPRESSION OF GENOMIC SEQUENCE READS
(71) GENOMSYS SA
(72) ALBERTI Claudio and BALUCH Mohamed Khoso
(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) 15.12.2017 PCT/US2017/066863
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(21) AP/P/2019/011837
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(23) 06.09.2019
(31) PCT/US2017/041591
(32) 11.07.2017 (33) US
(31) PCT/US2017/017842
(32) 14.02.2017 (33) US
(51) **G06F 7/00 (2006.01)**
(54) METHOD AND APPARATUS FOR THE COMPACT REPRESENTATION OF BIOINFORMATICS DATA USING MULTIPLE GENOMIC DESCRIPTORS
(71) GENOMSYS SA
(72) RENZI Daniele, ZOIA Giorgio, ALBERTI Claudio, et al
(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) 14.02.2018 PCT/US2018/018092
(96) 14.02.2018 AP/P/2019/011837

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(22) 15.03.2018
(23) 10.09.2019
(51) **A61K 31/00 (2006.01)**
(54) DEUTERATED IMIDAZO[4,5-C] QUINOLIN-2-ONE COMPOUNDS AND THEIR USE IN TREATING CANCER
(71) AstraZeneca AB
(72) BARLAAM Bernard Christophe and PIKE Kurt Gordon
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE
(86) 15.03.2018 PCT/EP2018/056516
(96) 15.03.2018 AP/P/2019/011838

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(23) 10.09.2019
(31) 62/108,772
(32) 28.01.2015 (33) US
(31) 62/011,368
(32) 12.06.2014 (33) US
(31) 62/077,460
(32) 10.11.2014 (33) US
(51) **C07K 2/00 (2006.01)**
C07K 4/00 (2006.01)
C07K 5/00 (2006.01)
C07K 7/00 (2006.01)
A61K 38/06 (2006.01)
A61K 38/07 (2006.01)
A61K 38/00 (2006.01)
(54) MODULATION OF COMPLEMENT ACTIVITY
(71) RA PHARMACEUTICALS, INC.
(72) PERLMUTTER Sarah Jacqueline, ZHENG Hong, YE Ping, et al
(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) 12.06.2015 PCT/US2015/035473
(96) 12.06.2015 AP/P/2019/011839

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(23) 12.09.2019
(51) **A61P 35/00 (2006.01)**
A61P 37/00 (2006.01)
A61P 37/08 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
C07H 21/02 (2006.01)
A61K 31/7084 (2006.01)
(54) MODIFIED CYCLIC DINUCLEOTIDE COMPOUNDS
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) CAROTTA Sebastian, KUTTRUFF Christian, FLECK Martin, et al
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 16.03.2018 PCT/EP2018/056656
(96) 16.03.2018 AP/P/2019/011840

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(21) AP/P/2019/011841
(22) 15.03.2018
(23) 10.09.2019
(31) 62/472,080
(32) 16.03.2017 (33) US
(51) **A61K 31/437 (2006.01)**
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
(54) DEUTERATED IMIDAZO[4,5-C] QUINOLIN-2-ONE COMPOUNDS AND THEIR USE IN TREATING CANCER
(71) AstraZeneca AB
(72) BARLAAM Bernard Christophe and PIKE Kurt Gordon
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE
(86) 15.03.2018 PCT/EP2018/056516
(96) 15.03.2018 AP/P/2019/011841

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(21) AP/P/2019/011842
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(23) 12.09.2019
(31) 62/459,060
(32) 15.02.2017 (33) US
(51) **E04C 5/16 (2006.01)**
E04B 1/21 (2006.01)
E04B 1/38 (2006.01)
E04B 1/41 (2006.01)
(54) METHODS AND APPARATUSES FOR CONSTRUCTING A CONCRETE STRUCTURE
(71) TINDALL CORPORATION
(72) NAJI Behnam, WILLIS Michael, SIGMON Chris, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, LR, MZ, TZ
(86) 15.02.2018 PCT/US2018/018391
(96) 15.02.2018 AP/P/2019/011842

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(21) AP/P/2019/011843
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(23) 13.09.2019
(31) 17 52255
(32) 20.03.2017 (33) FR
(51) **F16L 58/18 (2006.01)**
F16L 13/02 (2006.01)
B23K 9/04 (2006.01)
F16L 58/08 (2006.01)
(54) PROCESS FOR LINING A STEEL PIPE FOR THE SUBSEA TRANSPORT OF FLUIDS
(71) SAIPEM S.A.
(72) PALLADINI Roberto, KERDILES Eric and CARLUCCI Antonio
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, MZ, NA, TZ
(86) 22.02.2018 PCT/FR2018/050429
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(22) 17.03.2018
(23) 13.09.2019
(31) 2017-054957
(32) 21.09.2017 (33) JP
(51) **H04W 84/06 (2009.01)**
H04B 7/185 (2006.01)
H04W 16/28 (2009.01)
H04W 16/26 (2009.01)
H04B 7/06 (2006.01)
(54) THREE DIMENSIONALIZATION OF FIFTH GENERATION COMMUNICATION
(71) SOFTBANK CORP.
(72) KIMURA Kiyoshi and MIYAKAWA Junichi
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 17.03.2018 PCT/JP2018/010663
(96) 17.03.2018 AP/P/2019/011844

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(31) 61/905,803
(32) 18.11.2013 (33) US
(31) 61/905,802
(32) 18.11.2013 (33) US
(31) 13/815,770
(32) 15.03.2013 (33) US
(51) **A61P 7/00 (2006.01)**
C07D 487/04 (2006.01)
A61K 31/437 (2006.01)
(54) COMPOUNDS AND USES THEREOF FOR THE MODULATION OF HEMOGLOBIN
(71) GLOBAL BLOOD THERAPEUTICS, INC.
(72) YEE Calvin W, HARRIS Jason R, GWALTNEY Stephen L II, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 10.03.2014 PCT/US2014/022789
(96) 10.03.2014 AP/P/2019/011845

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(23) 16.09.2019
(31) 2017-057405
(32) 23.03.2017 (33) JP
(51) **H04W 88/02 (2009.01)**
H04W 16/28 (2009.01)
H04W 72/04 (2009.01)
(54) TERMINAL APPARATUS, BASE STATION APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT
(71) FG Innovation Company Limited and SHARP KABUSHIKI KAISHA
(72) YOKOMAKURA Kazunari, TSUBOI Hidekazu, YAMADA Shohei, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, SL, SZ, TZ, UG, ZM
(86) 23.03.2018 PCT/JP2018/011864
(96) 23.03.2018 AP/P/2019/011846

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(23) 16.09.2019
(31) 201741010966
(32) 28.03.2017 (33) IN
(51) **F01P 3/02 (2006.01)**
(54) OIL COOLER FOR AN INTERNAL COMBUSTION ENGINE
(71) TVS MOTOR COMPANY LIMITED
(72) VARADHA Iyengar Lakshminarasimhan, RAJENDRAN Vijay Kumar, PADMANABHA Pillai Loganayakan, et al
(74) Clairwood Chambers (Mutamangira & Associates)
(84) KE, LR, MZ, NA, SD, TZ
(86) 26.03.2018 PCT/İB2018/052019
(96) 26.03.2018 AP/P/2019/011847

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(31) 62/461,689
(32) 21.02.2017 (33) US
(51) **C12N 15/113 (2010.01)**
C12N 15/115 (2010.01)
A61K 48/00 (2006.01)
(54) REGULATION OF GENE EXPRESSION BY APTAMER-MEDIATED ACCESSIBILITY OF POLYADENYLATION SIGNALS
(71) MeiraGTx UK II Limited
(72) ZHONG Zhaojing, HAN Joonhee and GUO Xuecui
(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) 21.02.2018 PCT/US2018/019056
(96) 21.02.2018 AP/P/2019/011848

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(23) 16.09.2019
(51) **A61M 39/24 (2006.01)**
A61M 5/32 (2006.01)
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
A61M 5/158 (2006.01)
A61M 5/178 (2006.01)
(54) CATHETER ASSEMBLY
(71) BECTON, DICKINSON AND COMPANY
(72) HARDING Weston and STALEY Shaun
(74) FISHER CORMACK & BOTHA
(84) KE
(86) 24.02.2017 PCT/US2017/019430
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(31) 62/616,779
(32) 12.01.2018 (33) US
(31) 62/464,529
(32) 28.02.2017 (33) US
(51) **C07K 14/47 (2006.01)**
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
(54) ANTI-TIGIT ANTIBODIES
(71) Seattle Genetics, Inc.
(72) PRINZ Bianka, PETERSON Scott, BEERS Courtney, 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) 28.02.2018 PCT/US2018/020239
(96) 28.02.2018 AP/P/2019/011850

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(23) 17.09.2019
(31) 201741014335
(32) 22.04.2017 (33) IN
(51) **C07K 14/34 (2015.01)**
A61K 39/385 (2015.01)
C12N 1/20 (2015.01)
C12N 9/10 (2015.01)
(54) AN IMPROVED METHOD FOR HIGH LEVEL PRODUCTION OF CRM
(71) BIOLOGICAL E LIMITED
(72) DATLA Mahima, MANTENA Narender Dev, MATUR Ramesh Venkat, et al
(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) 19.04.2018 PCT/İN2018/050235
(96) 19.04.2018 AP/P/2019/011851

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(21) AP/P/2019/011852
(22) 10.07.2018
(23) 17.09.2019
(31) 62/530,319
(32) 10.07.2017 (33) US
(51) **E04B 5/43 (2006.01)**
E04B 5/17 (2006.01)
E04B 5/04 (2006.01)
(54) METHODS AND APPARATUSES FOR CONSTRUCTING A CONCRETE STRUCTURE
(71) TINDALL CORPORATION
(72) KIRKLEY Kevin and ZAVITZ Bryant
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, LR, MZ, TZ
(86) 10.07.2018 PCT/US2018/041493
(96) 10.07.2018 AP/P/2019/011852

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(23) 17.09.2019
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(32) 10.03.2017 (33) ZA
(51) **A61B 17/326 (2006.01)**
(54) CIRCUMCISION DEVICE
(71) INNOVATIVE MEDICAL TECHNOLOGY (PTY) LTD
(72) WISEMAN David Christopher, VORSTER Jared Mark, PARKER Elisabeth Regina, et al
(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) 05.03.2018 PCT/İB2018/051397
(96) 05.03.2018 AP/P/2019/011853

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(22) 19.03.2018
(23) 17.09.2019
(31) 1752288
(32) 20.03.2017 (33) FR
(51) **C07C 309/15 (2006.01)**
(54) METHOD FOR TREATING A SUSPENSION OF SOLID PARTICLES IN WATER USING A (CO)POLYMER OF A HYDRATED CRYSTALLINE FORM OF 2-ACRYLAMIDO-2-METHYLPROPANESULFONIC ACID
(71) S.P.C.M. SA
(72) DAGUERRE Frédéric, KIEFFER Johann and FAVERO Cédrick
(74) Mwale & Company Advocates
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 19.03.2018 PCT/FR2018/050660
(96) 19.03.2018 AP/P/2019/011854

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(31) 13/841,711
(32) 15.03.2013 (33) US
(31) 61/734,941
(32) 07.12.2012 (33) US
(31) 61/799,069
(32) 15.03.2013 (33) US
(51) **A61P 7/00 (2006.01)**
A61P 7/06 (2006.01)
A61K 31/7125 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61K 31/7088 (2006.01)
(54) USE OF TELOMERASE INHIBITORS FOR THE TREATMENT OF MYELOPROLIFERATIVE DISORDERS AND MYELOPROLIFERATIVE NEOPLASMS
(71) GERON CORPORATION
(72) KELSEY Stephen and STUART Monic J
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 15.11.2013 PCT/US2013/070437
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(21) AP/P/2019/011856
(22) 10.04.2017
(23) 17.09.2019
(51) **H01Q 25/00 (2006.01)**
H01Q 19/17 (2006.01)
H01Q 3/02 (2006.01)
H01Q 3/18 (2006.01)
H01Q 3/20 (2006.01)
H01Q 1/28 (2006.01)
(54) COVERAGE AREA ADJUSTMENT TO ADAPT SATELLITE COMMUNICATIONS
(71) VIASAT, INC.
(72) RUNYON Donald and MENDELSOHN Aaron
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 10.04.2017 PCT/US2017/026839
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(23) 18.09.2019
(31) 62/480,347
(32) 31.03.2017 (33) US
(51) **H04W 4/06 (2009.01)**
G08G 5/00 (2006.01)
B64C 39/02 (2006.01)
(54) BROADCASTING GEOLOCATION INFORMATION IN A RADIO FRAME TRANSMITTED FROM AN UNMANNED AERIAL VEHICLE
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) TAKÁCS Attila, MANGHIRMALANI Ravi and MAHKONEN Heikki
(74) FISHER CORMACK & BOTHA
(84) KE
(86) 12.06.2017 PCT/İB2017/053477
(96) 12.06.2017 AP/P/2019/011857

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(21) AP/P/2019/011858
(22) 05.12.2017
(23) 18.09.2019
(31) 2017100250
(32) 02.03.2017 (33) AU
(51) **B65G 11/16 (2006.01)**
F16B 37/04 (2006.01)
(54) WEAR LINER ASSEMBLY AND ASSOCIATED METHOD OF USE
(71) METSO MINERALS OY
(72) LU Ming and HOSLIN Jerry Michael
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 05.12.2017 PCT/AU2017/051336
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(22) 01.03.2018
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(31) 62/529,874
(32) 07.07.2017 (33) US
(31) 62/549,728
(32) 24.03.2017 (33) US
(31) 62/465,986
(32) 02.03.2017 (33) US
(51) **A61K 31/549 (2006.01)**
C07D 417/04 (2006.01)
C07D 417/14 (2006.01)
A61P 31/12 (2006.01)
(54) CYCLIC SULFAMIDE COMPOUNDS AND METHODS OF USING SAME
(71) ASSEMBLY BIOSCIENCES, INC.
(72) ARNOLD Lee Daniel, FRANCIS Samson, RAI Roopa, 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) 01.03.2018 PCT/US2018/020515
(96) 01.03.2018 AP/P/2019/011859

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(23) 18.09.2019
(31) 2017900896
(32) 14.03.2017 (33) AU
(51) **F17C 13/02 (2006.01)**
F17C 5/02 (2006.01)
F17C 5/04 (2006.01)
F25J 1/02 (2006.01)
(54) A CONTAINERISED LNG LIQUEFACTION UNIT AND ASSOCIATED METHOD OF PRODUCING LNG
(71) WOODSIDE ENERGY TECHNOLOGIES PTY LTD
(72) COOPER Steven
(74) FISHER CORMACK & BOTHA
(84) MZ, TZ
(86) 14.03.2018 PCT/AU2018/050235
(96) 14.03.2018 AP/P/2019/011860

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(31) 62/486,826
(32) 18.04.2017 (33) US
(31) 62/480/126
(32) 31.03.2017 (33) US
(31) 62/466,766
(32) 03.03.2017 (33) US
(51) **C07K 16/30 (2006.01)**
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61K 38/17 (2006.01)
(54) GLYCAN-INTERACTING COMPOUNDS AND METHODS OF USE
(71) SEATTLE GENETICS, INC.
(72) EAVARONE David A, PRENDERGAST Jillian M and DRANSFIELD Daniel T
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 02.03.2018 PCT/US2018/020562
(96) 02.03.2018 AP/P/2019/011862

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(21) AP/P/2019/011863
(22) 20.03.2018
(23) 18.09.2019
(31) 62/473,839
(32) 20.03.2017 (33) US
(51) **H04L 1/00 (2006.01)**
H04L 5/00 (2006.01)
H04W 72/04 (2009.01)
(54) METHODS AND NODES FOR DETERMINING A TRANSMISSION DATA BLOCK SIZE
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) Yu Dongsheng, BLANKENSHIP Yufei and CHENG Jung-Fu
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 20.03.2018 PCT/İB2018/051873
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(23) 18.09.2019
(31) 1700354
(32) 31.03.2017 (33) FR
(51) **A61P 3/08 (2006.01)**
A61P 1/18 (2006.01)
A61K 31/7016 (2006.01)
A61K 31/702 (2006.01)
(54) PERINATAL ADMINISTRATION OF SHORT-CHAIN FRUCTOOLIGOSACCHARIDES IN ORDER TO PREVENT METABOLIC DISORDERS LINKED TO AN UNBALANCED DIET AT ADULT AGE
(71) BEGHIN Meiji and Institut National De La Recherche Agronomique - INRA
(72) BLAT Sophie, APPER Emmanuelle and LE BOURGOT Cindy
(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) 30.03.2018 PCT/FR2018/050805
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(31) 17207167.2
(32) 13.12.2017 (33) EP
(31) 17207165.6
(32) 13.12.2017 (33) EP
(31) 10 2017 003 178.9
(32) 28.03.2017 (33) DE
(51) **A23J 1/00 (2006.01)**
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
(54) METHOD FOR THE PROCEDURALLY ECONOMICAL REMOVAL/ FRACTIONATION OF CONSTITUENTS OF VEGETAL STARTING MATERIAL, AND THE PRODUCTION AND USE OF SAME
(74) FISHER CORMACK & BOTHA
(75) DIETZ Max
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 27.03.2018 PCT/EP2018/057841
(96) 27.03.2018 AP/P/2019/011865

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(23) 18.09.2019
(31) 201741006553
(32) 23.02.2017 (33) IN
(51) **A61K 36/355 (2006.01)**
A61K 36/64 (2006.01)
A61K 36/708 (2006.01)
A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
A61K 36/258 (2006.01)
(54) HERBO-MINERAL FORMULATION FOR PREVENTION, TREATMENT AND MANAGEMENT OF DIABETES AND METHOD OF PREPARATION THEREOF
(71) MUNIYAL AYURVEDIC RESEARCH CENTRE
(72) SHETTY Vijayabhanu M
(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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(31) 15/461,100
(32) 16.03.2017 (33) US
(51) **G06Q 10/08 (2012.01)**
(54) GLOBAL ADDRESS SYSTEM AND METHOD
(74) FISHER CORMACK & BOTHA
(75) PEDAWI Sarwar
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(31) 1703475.2
(32) 03.03.2017 (33) GB
(51) **B65D 41/48 (2006.01)**
B65D 41/34 (2006.01)
B65D 41/47 (2006.01)
(54) TAMPER EVIDENT CLOSURE
(71) GUALA CLOSURES INTERNATIONAL B.V.
(72) VIALE Luca
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 01.03.2018 PCT/EP2018/055114
(96) 01.03.2018 AP/P/2019/011868

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(23) 19.09.2019
(31) PCT/CN2017/078131
(32) 24.03.2017 (33) CN
(51) **H04W 76/18 (2018.01)**
(54) RLM AND BEAM FAILURE DETECTION BASED ON A MIX OF DIFFERENT REFERENCE SIGNALS
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) UGURLU Umut, FAN Rui, TIDESTAV Claes, et al
(74) FISHER CORMACK & BOTHA
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(32) 17.03.2017 (33) US
(51) **H04W 12/02 (2009.01)**
H04W 12/10 (2009.01)
H04L 29/06 (2006.01)
(54) SECURITY SOLUTION FOR SWITCHING ON AND OFF SECURITY FOR UP DATA BETWEEN UE AND RAN IN 5G
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) WIFVESSON Monica, BEN HENDA Noamen and TORVINEN Vesa
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 16.03.2018 PCT/EP2018/056751
(96) 16.03.2018 AP/P/2019/011870

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(31) 1704738.2
(32) 24.03.2017 (33) GB
(51) **H01G 11/00 (2013.01)**
H01L 31/0224 (2006.01)
H01L 31/0236 (2006.01)
H01G 9/00 (2006.01)
H01L 31/053 (2014.01)
H01L 31/056 (2014.01)
(54) OPTOELECTRONIC DEVICE WITH REFLECTIVE FACE
(71) POWER ROLL LIMITED
(72) TOPPING Alexander John
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 21.03.2018 PCT/GB2018/050741
(96) 21.03.2018 AP/P/2019/011871

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(31) 62/481,887
(32) 05.04.2017 (33) US
(31) 17169495.3
(32) 04.05.2017 (33) EP
(51) **G06K 7/10 (2006.01)**
B65B 35/58 (2006.01)
(54) DEVICE AND METHOD OF READING A MARK PRINTED ON CONTAINERS MOVING ALONG A CONVEYOR
(71) SICPA HOLDING SA
(72) MILLER Lonny and EARL Sherwin
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MZ, TZ, UG
(86) 19.02.2018 PCT/EP2018/054003
(96) 19.02.2018 AP/P/2019/011872

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(22) 21.03.2018
(23) 19.09.2019
(31) PCT/CN2017/078102
(32) 24.03.2017 (33) CN
(51) **H04W 48/16 (2009.01)**
H04L 25/03 (2006.01)
(54) NR BROADCAST CHANNEL TRANSMISSION
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) WANG Jianfeng, SAHLIN Henrik and GRÖVLEN Asbjörn
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 21.03.2018 PCT/SE2018/050287
(96) 21.03.2018 AP/P/2019/011873

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(21) AP/P/2019/011874
(22) 24.05.2018
(23) 20.09.2019
(31) 62/476,555
(32) 24.03.2017 (33) US
(51) **H04W 84/00 (2009.01)**
H04B 7/026 (2017.01)
(54) VIRAL MOLECULAR NETWORK ARCHITECTURE AND DESIGN
(71) ATTOBAHN, INC.
(72) GRAY Darryl L and FORDE Richard A
(74) SAMURIWO ATTORNEYS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 24.05.2018 PCT/İB2018/053710
(96) 24.05.2018 AP/P/2019/011874

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(22) 25.08.2017
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(31) 62/463,232
(32) 02.02.2017 (33) US
(51) **A61K 8/49 (2006.01)**
A61P 17/14 (2006.01)
A61K 31/405 (2006.01)
A61K 31/404 (2006.01)
(54) COMPOSITIONS AND METHODS FOR PROMOTING HAIR GROWTH WITH MPC1 INHIBITORS
(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(72) CHRISTOFK Heather and LOWRY William E
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 25.08.2017 PCT/US2017/048701
(96) 25.08.2017 AP/P/2019/011875

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(21) AP/P/2019/011876
(22) 07.03.2018
(23) 21.09.2019
(31) 1201700092
(32) 10.03.2017 (33) OA
(51) **A01M 1/00 (2006.01)**
A01M 1/02 (2006.01)
A01N 25/02 (2006.01)
A01M 1/20 (2006.01)
(54) BAIT STATIONS FOR BITING FLIES IN BLOOD-SEEKING MODE AND METHODS THEREIN
(71) WTO Investments, LLC
(72) MULLER Gunter
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 07.03.2018 PCT/US2018/021247
(96) 07.03.2018 AP/P/2019/011876

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(22) 27.10.2017
(23) 21.09.2019
(31) 67/2017
(32) 06.03.2017 (33) BD
(51) **H01F 27/40 (2006.01)**
(54) AN APPARATUS FOR DETECTING FIRE AND PREVENTING EXPLOSION OF TRANSFORMER AND A METHOD THEREOF
(74) FISHER CORMACK & BOTHA
(75) WAKCHAURE V. K
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 27.10.2017 PCT/İB2017/056679
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(22) 20.03.2018
(23) 21.09.2019
(31) 62/473,771
(32) 20.03.2017 (33) US
(51) **C07D 487/04 (2006.01)**
A61K 31/395 (2006.01)
(54) COMPOUNDS AND METHODS FOR THE TREATMENT OF PARASITIC DISEASES
(71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE and THE BROAD INSTITUTE, INC.
(72) MELILLO Bruno, MORNINGSTAR Marshall, KATO Nobutaka, et al
(74) FISHER CORMACK & BOTHA
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(23) 23.09.2019
(31) 201741010673
(32) 27.03.2017 (33) IN
(51) **B62J 99/00 (2009.01)**
(54) ELECTRONIC EQUIPMENT CHARGING DEVICE FOR A TWO WHEELED VEHICLE
(71) TVS MOTOR COMPANY LIMITED
(72) KARANAM Venkata Mangaraju, ARUNAJADESWAR Swaminathan, MANICKMAM Subash, et al
(74) Clairwood Chambers (Mutamangira & Associates)
(84) KE, LR, MZ, NA, SD, TZ
(86) 26.03.2018 PCT/İB2018/052018
(96) 26.03.2018 AP/P/2019/011879

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(21) AP/P/2019/011880
(22) 27.02.2018
(23) 23.09.2019
(31) 201741006955
(32) 27.02.2017 (33) IN
(51) **A61K 31/352 (2006.01)**
A61K 36/258 (2006.01)
A61K 36/37 (2006.01)
A61K 31/05 (2006.01)
A61K 36/24 (2006.01)
A61K 36/328 (2006.01)
(54) HERBO-MINERAL FORMULATION FOR THE TREATMENT OF CARDIO VASCULAR DISEASES AND METHOD OF PREPARATION THEREOF
(71) MUNIYAL AYURVEDIC RESEARCH CENTRE
(72) SHETTY M Vijayabhanu
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 27.02.2018 PCT/İN2018/050102
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(21) AP/P/2019/011881
(22) 01.02.2018
(23) 25.09.2019
(31) 2017/01437
(32) 27.02.2017 (33) ZA
(51) **B65D 85/48 (2006.01)**
B65D 19/44 (2006.01)
(54) PANEL TRANSPORT CRADLE
(71) VDM SUPPLY CHAIN SOLUTIONS (PTY) LTD
(72) VAN ZYL Pieter
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 01.02.2018 PCT/ZA2018/050006
(96) 01.02.2018 AP/P/2019/011881

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(22) 16.02.2018
(23) 26.09.2019
(31) 201731008009
(32) 07.03.2017 (33) IN
(51) **A01N 43/653 (2006.01)**
A01P 3/00 (2006.01)
A01N 37/44 (2006.01)
A01N 37/34 (2006.01)
A01N 43/54 (2006.01)
(54) FUNGICIDAL COMBINATIONS
(71) UPL LTD
(72) SHROFF Vikram Rajnikant, SHROFF Jaidev Rajnikant, SHROFF Rajju Devidas, et al
(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) 16.02.2018 PCT/İB2018/050964
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(22) 12.03.2018
(23) 26.09.2019
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(32) 13.03.2017 (33) HU
(51) **A61K 31/519 (2006.01)**
A61P 19/00 (2006.01)
A61P 25/00 (2006.01)
C07D 487/04 (2006.01)
(54) PHARMACOLOGICALLY ACTIVE ALICYCLIC-SUBSTITUTED PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES
(71) RICHTER GEDEON NYRT.
(72) HADADY Zsuzsa, ÉLES János, ROMÁN Viktor, 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) 12.03.2018 PCT/İB2018/051599
(96) 12.03.2018 AP/P/2019/011883

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(21) AP/P/2019/011884
(22) 02.03.2018
(23) 26.09.2019
(31) 2017/01537
(32) 02.03.2017 (33) NA
(51) **B65D 33/34 (2006.01)**
B65D 77/18 (2006.01)
(54) SECURITY BAGS
(74) HONEY & BLANCKENBERG
(75) SCHEEPERS Gideon
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 02.03.2018 PCT/İB2018/051331
(96) 02.03.2018 AP/P/2019/011884

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(21) AP/P/2019/011885
(22) 27.03.2018
(23) 27.09.2019
(31) 201731011147
(32) 29.03.2017 (33) IN
(51) **C07D 273/04 (2006.01)**
(54) NEW CATALYTIC SYSTEM FOR SCALABLE PREPARATION OF INDOXACARB
(71) ADAMA MAKHTESHIM LTD.
(72) MANNAM Sreedevi, PILLAI Bijukumar Gopinathan, BICIDI Jayapal Reddy, et al
(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) 27.03.2018 PCT/İL2018/050356
(96) 27.03.2018 AP/P/2019/011885

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(21) AP/P/2019/011886
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(23) 27.09.2019
(51) **B02C 17/22 (2006.01)**
B02C 17/18 (2006.01)
(54) GRINDING MILL, PULP LIFTER AND OUTER PULP LIFTER ELEMENT
(71) OUTOTEC (FINLAND) OY
(72) EID Tamer, DEL BIANCO Adam, PAZ Andres, et al
(74) FISHER CORMACK & BOTHA
(84) GH
(86) 20.03.2017 PCT/Fİ2017/050191
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(22) 30.09.2019
(23) 30.09.2019
(31) 201910480440.4
(32) 04.06.2019 (33) CN
(51) **H04B 7/06 (2006.01)**
(54) METHOD FOR RESPONDING COMMUNICATION EVENT, MOBILE TERMINAL AND COMPUTER STORAGE MEDIUM
(71) SHENZHEN TRANSSION HOLDINGS CO., LTD.
(72) ZHANG Liping
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, TZ
(96) 30.09.2019 AP/P/2019/011887

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(21) AP/P/2019/011888
(22) 30.09.2019
(23) 30.09.2019
(31) 201910399815.4
(32) 14.05.2019 (33) CN
(51) **G06K 9/120 (2006.01)**
(54) HANDWRITING INPUT RECOGNITION METHOD AND A DEVICE
(71) SHENZHEN TRANSSION HOLDINGS CO., LTD.
(72) ZHOU Xiaofeng
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, TZ
(96) 30.09.2019 AP/P/2019/011888

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(23) 30.09.2019
(31) 201920971766.2
(32) 25.06.2019 (33) CN
(51) **G06F 21/00 (2006.01)**
(54) METHOD FOR CONTROLLING CAMERA, COMPUTER READABLE STORAGE MEDIUM, AND TERMINAL
(71) SHENZHEN TRANSSION HOLDINGS CO., LTD.
(72) ZHANG Jianzhi, GAO Peiyi, ZHANG Rui, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, TZ
(96) 30.09.2019 AP/P/2019/011889

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(22) 30.09.2019
(23) 30.09.2019
(31) 201910336727.X
(32) 25.04.2019 (33) CN
(51) **G06K 9/62 (2006.01)**
(54) METHOD FOR CONTROLLING CAMERA, COMPUTER READABLE STORAGE MEDIUM, AND TERMINAL
(71) SHENZHEN TECNO TECHNOLOGY CO., LTD.
(72) YU Zhenbang
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE
(96) 30.09.2019 AP/P/2019/011890

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(21) AP/P/2019/011891
(22) 30.09.2019
(23) 30.09.2019
(31) CN201910395653.7
(32) 13.05.2019 (33) CN
(51) **H04M 3/523 (2006.01)**
G06Q 20/00 (2006.01)
(54) METHOD FOR PROCESSING INCOMING CALL REQUEST, TERMINAL AND COMPUTER STORAGE MEDIUM
(71) SHENZHEN TRANSSION HOLDINGS CO., LTD.
(72) QIAN Wen and REN Xinquan
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, TZ
(96) 30.09.2019 AP/P/2019/011891

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(21) AP/P/2019/011892
(22) 31.03.2017
(23) 30.09.2019
(51) **H04W 72/04 (2009.01)**
(54) RESOURCE ALLOCATION SIGNALING
(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(72) CHEN LARSSON Daniel, BALDEMAIR Robert and PARKVALL Stefan
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 31.03.2017 PCT/SE2017/050326
(96) 31.03.2017 AP/P/2019/011892

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(21) AP/P/2019/011893
(22) 03.04.2018
(23) 30.09.2019
(31) 17164765.4
(32) 04.04.2017 (33) EP
(51) **A61P 27/00 (2006.01)**
A61P 27/06 (2006.01)
A61K 45/06 (2006.01)
A61K 9/00 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/496 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/437 (2006.01)
A61K 31/438 (2006.01)
A61K 31/155 (2006.01)
A61K 31/416 (2006.01)
A61K 31/427 (2006.01)
A61K 31/195 (2006.01)
A61K 31/216 (2006.01)
A61K 31/415 (2006.01)
A61K 31/167 (2006.01)
(54) METHODS OF PREVENTING OR TREATING OPHTHALMIC DISEASES
(71) STREKIN AG
(72) WRIGHT Matthew and BAUSCH Alexander
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 03.04.2018 PCT/EP2018/058486
(96) 03.04.2018 AP/P/2019/011893

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Erratum: Patent Applications Filed

The patent application below was published in the 31 August 2019 issue of the ARIPO Journal (No. 8) with Lesotho and The Kingdom of Eswatini listed among the designated States. However this was done in error. We hereby republish the same application below with the correct listing of the designated States.

(21) AP/P/2019/011785
(22) 27.02.2018
(23) 14.08.2019
(31) 20 2017 101 111.9
(32) 28.02.2017 (33) DE
(51) **E04C 5/06 (2006.01)**
E04B 5/48 (2006.01)
E04C 2/06 (2006.01)
E04C 2/04 (2006.01)
E04B 1/14 (2006.01)
E04B 5/04 (2006.01)
(54) AERATED CONCRETE-HYBRID CONSTRUCTION ELEMENT
(71) CBS INTERNATIONAL GmbH
(72) IMHOFF Adolf
(74) SAMURIWO ATTORNEYS
(84) BW, GH, KE, MZ, NA, RW, SD, SL, TZ, UG, ZM, ZW
(86) 27.02.2018 PCT/EP2018/054732
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Patent Applications Abandoned

(21) AP/P/2014/007629
(23) 10.09.2019
(51) **E02F 9/28 (2006.01)**
E21C 35/18 (2006.01)
(54) TOOTH ASSEMBLY FOR EXCAVATING APPARATUS WITH RARE EARTH MATERIAL
(71) TRINITY INDUSTRIES INC
(72) PIPPINS Sherlock K
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) TZ

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(21) AP/P/2017/009803
(23) 10.09.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/506 (2006.01)
C07D 403/14 (2006.01)
C07D 401/14 (2006.01)
(54) BENZYL SUBSTITUTED INDAZOLES AS BUB1 INHIBITORS
(71) BAYER PHARMA AKTIENGESELLSCHAFT
(72) HOLTON Simon, MÖNNING Ursula, SCHRÖDER Jens, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2018/010712
(23) 18.09.2019
(51) **A23L 13/40 (2006.01)**
A22C 11/04 (2006.01)
A23L 29/00 (2006.01)
A22C 13/00 (2006.01)
A22C 11/02 (2006.01)
(54) METHOD OF MANUFACTURING A SAUSAGE
(71) FREDDY HIRSCH GROUP PROPRIETARY LIMITED and FREDDY HIRSCH GROUP AG
(72) VAN ZYL Andries Wynand, DU PREEZ Johannes Christiaan, GOORHUIS Johannes Gerhard Maria, et al
(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/2018/010714
(23) 18.09.2019
(51) **A22C 13/00 (2006.01)**
A22C 11/04 (2006.01)
A22C 11/02 (2006.01)
(54) SAUSAGE MANUFACTURING APPARATUS, CARTRIDGE AND METHOD
(71) FREDDY HIRSCH GROUP AG and FREDDY HIRSCH GROUP PROPRIETARY LIMITED
(72) SCHULTZ Hermann, BEZUIDENHOUT Neville and DOUGLAS Alistair
(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/2018/010790
(23) 10.09.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/497 (2006.01)
A61K 31/4745 (2006.01)
(54) COMBINATION THERAPY FOR CANCER
(71) ELI LILLY AND COMPANY
(72) WACHECK Volker, LIN Aimee Karis, DONOHO Gregory Paul, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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(21) AP/P/2019/011749
(51) **C12R 1/645 (2015.01)**
C12R 1/69 (2015.01)
A01N 37/00 (2015.01)
A01N 63/00 (2015.01)
C05G 3/02 (2015.01)
A01N 43/40 (2015.01)
A01N 25/00 (2015.01)
(54) PLANT BIOENHANCER AND BIOPESTICIDES TECHNIQUES FOR PEST CONTROL
(74) ZEKEYA Mwambela Never
(75) ZEKEYA Mwambela Never
(84) KE, TZ, UG, ZM, ZW

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(21) AP/P/2019/011790
(23) 19.09.2019
(51) **A01N 25/00 (2015.01)**
A01N 37/00 (2015.01)
A01N 63/00 (2015.01)
C05G 3/02 (2015.01)
A01N 43/40 (2015.01)
C12R 1/645 (2015.01)
C12R 1/69 (2015.01)
(54) PLANT BIOENHANCER AND BIOPESTICIDES TECHNIQUES FOR PEST CONTROL
(74) ZEKEYA Never
(75) ZEKEYA Mwambela Never
(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/2019/011801
(23) 19.09.2019
(51) **A01N 25/00 (2015.01)**
A01N 37/00 (2015.01)
A01N 63/00 (2015.01)
C05G 3/02 (2015.01)
A01N 43/40 (2015.01)
C12R 1/645 (2015.01)
C12R 1/69 (2015.01)
(54) PLANT BIOENHANCER AND BIOPESTICIDES TECHNIQUES FOR PEST CONTROL
(74) ZEKEYA Never
(75) ZEKEYA Mwambela Never
(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/2012/006159	19.08.2019	16.08.2020	9th yr
AP/P/2012/006189	06.09.2019	20.09.2020	9th yr
AP/P/2012/006539	06.09.2019	29.10.2020	7th yr
AP/P/2013/006876	06.09.2019	17.10.2020	8th yr
AP/P/2013/006889	13.09.2019	02.11.2020	8th yr
AP/P/2013/007230	01.09.2019	09.04.2016	3rd yr
AP/P/2013/007302	21.08.2019	28.08.2020	11th yr
AP/P/2014/007485	23.08.2019	03.09.2020	7th yr
AP/P/2014/007575	28.08.2019	14.09.2020	7th yr
AP/P/2014/007578	13.09.2019	25.10.2020	7th yr
AP/P/2014/007590	06.09.2019	19.09.2020	7th yr
AP/P/2014/007593	09.09.2019	21.09.2020	7th yr
AP/P/2014/007603	26.09.2019	05.10.2020	7th yr
AP/P/2014/007734	05.09.2019	19.12.2020	7th yr
AP/P/2015/008316	28.08.2019	05.09.2020	6th yr
AP/P/2015/008457	05.09.2019	09.09.2020	6th yr
AP/P/2015/008628	26.09.2019	14.10.2020	6th yr
AP/P/2015/008629	27.08.2019	10.09.2020	6th yr
AP/P/2015/008661	04.09.2019	14.08.2020	4th yr
AP/P/2015/008788	20.09.2019	06.10.2020	4th yr
AP/P/2015/008899	30.08.2019	07.12.2020	4th yr
AP/P/2016/009058	23.08.2019	04.09.2020	5th yr
AP/P/2016/009064	14.08.2019	28.08.2020	5th yr
AP/P/2016/009084	28.08.2019	09.09.2020	5th yr
AP/P/2016/009101	21.08.2019	18.09.2020	5th yr
AP/P/2016/009115	24.09.2019	27.09.2020	6th yr
AP/P/2016/009116	26.09.2019	02.10.2020	5th yr
AP/P/2016/009117	09.09.2019	29.09.2020	5th yr
AP/P/2016/009134	26.09.2019	10.10.2020	5th yr
AP/P/2016/009136	30.08.2019	12.09.2020	5th yr
AP/P/2016/009140	04.09.2019	09.09.2020	5th yr
AP/P/2016/009142	09.09.2019	12.09.2020	5th yr
AP/P/2016/009143	06.09.2019	19.09.2020	5th yr
AP/P/2016/009151	10.09.2019	15.09.2020	5th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2016/009153	19.09.2019	03.10.2020	5th yr
AP/P/2016/009167	13.09.2019	25.09.2020	5th yr
AP/P/2016/009179	13.09.2019	30.10.2020	5th yr
AP/P/2016/009185	13.09.2019	04.11.2020	5th yr
AP/P/2016/009199	18.09.2019	31.10.2020	5th yr
AP/P/2016/009200	18.09.2019	31.10.2020	5th yr
AP/P/2016/009201	18.09.2019	31.10.2020	5th yr
AP/P/2016/009212	13.09.2019	17.10.2020	5th yr
AP/P/2016/009215	06.09.2019	15.10.2020	5th yr
AP/P/2016/009229	19.09.2019	27.09.2020	5th yr
AP/P/2016/009429	02.09.2019	01.09.2020	3rd yr
AP/P/2016/009440	02.09.2019	12.09.2020	3rd yr
AP/P/2016/009491	11.07.2019	10.06.2020	5th yr
AP/P/2016/009651	09.07.2019	26.05.2021	5th yr
AP/P/2017/009717	01.08.2019	05.08.2020	4th yr
AP/P/2017/009733	26.08.2019	08.09.2020	4th yr
AP/P/2017/009748	01.08.2019	07.08.2020	4th yr
AP/P/2017/009777	28.08.2019	09.09.2020	4th yr
AP/P/2017/009787	14.08.2019	15.09.2020	4th yr
AP/P/2017/009792	21.08.2019	01.09.2020	4th yr
AP/P/2017/009793	20.09.2019	07.09.2020	4th yr
AP/P/2017/009800	04.09.2019	22.09.2020	4th yr
AP/P/2017/009806	10.08.2019	12.08.2020	4th yr
AP/P/2017/009807	09.09.2019	09.09.2020	4th yr
AP/P/2017/009820	03.09.2019	03.09.2020	4th yr
AP/P/2017/009822	28.08.2019	03.09.2020	4th yr
AP/P/2017/009829	25.09.2019	14.10.2020	4th yr
AP/P/2017/009831	18.09.2019	30.09.2020	4th yr
AP/P/2017/009834	06.09.2019	23.09.2020	4th yr
AP/P/2017/009835	29.08.2019	28.08.2020	4th yr
AP/P/2017/009839	20.09.2019	06.10.2020	4th yr
AP/P/2017/009844	28.08.2019	08.09.2020	4th yr
AP/P/2017/009854	04.09.2019	08.09.2020	4th yr
AP/P/2017/009859	10.09.2019	10.09.2020	4th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/009860	26.08.2019	11.09.2020	4th yr
AP/P/2017/009862	23.09.2019	08.10.2020	4th yr
AP/P/2017/009872	13.09.2019	23.09.2020	4th yr
AP/P/2017/009876	04.09.2019	25.09.2020	4th yr
AP/P/2017/009879	24.09.2019	25.09.2020	4th yr
AP/P/2017/009880	29.08.2019	23.09.2020	4th yr
AP/P/2017/009884	26.09.2019	05.10.2020	4th yr
AP/P/2017/009885	26.09.2019	15.10.2020	4th yr
AP/P/2017/009886	26.09.2019	15.10.2020	4th yr
AP/P/2017/009894	26.09.2019	08.10.2020	5th yr
AP/P/2017/009898	27.09.2019	29.10.2020	4th yr
AP/P/2017/009901	06.09.2019	13.10.2020	4th yr
AP/P/2017/009902	13.09.2019	03.11.2020	4th yr
AP/P/2017/009907	06.09.2019	20.10.2020	4th yr
AP/P/2017/009910	13.09.2019	19.10.2020	4th yr
AP/P/2017/009913	19.09.2019	24.09.2020	4th yr
AP/P/2017/009968	18.09.2019	26.10.2020	4th yr
AP/P/2017/010005	05.09.2019	22.12.2020	4th yr
AP/P/2017/010007	29.08.2019	20.11.2020	4th yr
AP/P/2017/010037	06.09.2019	12.09.2020	7th yr
AP/P/2017/010044	02.09.2019	26.09.2020	7th yr
AP/P/2017/010147	11.08.2019	18.08.2020	2nd yr
AP/P/2017/010181	14.08.2019	20.04.2020	3rd yr
AP/P/2017/010213	30.08.2019	29.09.2020	2nd yr
AP/P/2017/010222	10.09.2019	05.10.2020	2nd yr
AP/P/2017/010279	28.08.2019	30.10.2020	2nd yr
AP/P/2017/010368	21.08.2019	16.09.2020	4th yr
AP/P/2017/010407	18.09.2019	30.09.2020	4th yr
AP/P/2018/010457	07.08.2019	21.07.2020	3rd yr
AP/P/2018/010475	10.09.2019	09.09.2020	3rd yr
AP/P/2018/010511	27.08.2019	15.09.2020	3rd yr
AP/P/2018/010548	26.08.2019	06.09.2020	3rd yr
AP/P/2018/010550	09.09.2019	01.09.2019	2nd yr
AP/P/2018/010550	09.09.2019	01.09.2018	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010554	13.09.2019	01.09.2020	3rd yr
AP/P/2018/010562	29.08.2019	15.09.2020	3rd yr
AP/P/2018/010571	28.08.2019	08.09.2020	3rd yr
AP/P/2018/010574	20.09.2019	07.10.2020	3rd yr
AP/P/2018/010575	12.09.2019	15.09.2020	3rd yr
AP/P/2018/010578	23.07.2019	19.08.2020	3rd yr
AP/P/2018/010579	23.07.2019	19.08.2020	3rd yr
AP/P/2018/010580	23.07.2019	19.08.2020	3rd yr
AP/P/2018/010589	30.08.2019	18.08.2020	3rd yr
AP/P/2018/010590	09.09.2019	23.08.2020	3rd yr
AP/P/2018/010595	27.08.2019	14.09.2020	3rd yr
AP/P/2018/010608	30.08.2019	30.09.2020	3rd yr
AP/P/2018/010609	26.09.2019	03.10.2020	3rd yr
AP/P/2018/010621	13.09.2019	21.09.2020	3rd yr
AP/P/2018/010622	06.09.2019	13.09.2020	3rd yr
AP/P/2018/010624	06.09.2019	15.09.2020	3rd yr
AP/P/2018/010625	06.09.2019	15.09.2020	3rd yr
AP/P/2018/010626	06.09.2019	15.09.2020	3rd yr
AP/P/2018/010627	28.08.2019	01.09.2020	3rd yr
AP/P/2018/010634	04.09.2019	05.09.2020	3rd yr
AP/P/2018/010636	23.09.2019	12.10.2020	3rd yr
AP/P/2018/010637	26.09.2019	04.10.2020	3rd yr
AP/P/2018/010638	06.09.2019	10.10.2020	3rd yr
AP/P/2018/010645	06.09.2019	22.09.2020	3rd yr
AP/P/2018/010662	13.09.2019	19.09.2020	3rd yr
AP/P/2018/010663	30.08.2019	17.09.2020	4th yr
AP/P/2018/010665	18.09.2019	29.09.2020	3rd yr
AP/P/2018/010667	06.09.2019	05.10.2020	3rd yr
AP/P/2018/010669	06.09.2019	18.10.2020	3rd yr
AP/P/2018/010672	26.08.2019	11.09.2020	2nd yr
AP/P/2018/010678	27.09.2019	07.10.2020	3rd yr
AP/P/2018/010683	06.09.2019	13.10.2020	3rd yr
AP/P/2018/010685	14.08.2019	30.09.2020	3rd yr
AP/P/2018/010690	13.09.2019	29.09.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010709	19.09.2019	27.09.2020	5th yr
AP/P/2018/010716	28.08.2019	07.09.2020	7th yr
AP/P/2018/010717	11.09.2019	14.11.2020	3rd yr
AP/P/2018/010719	20.09.2019	04.11.2020	3rd yr
AP/P/2018/010732	30.08.2019	18.11.2020	4th yr
AP/P/2018/010742	13.09.2019	28.10.2020	3rd yr
AP/P/2018/010750	18.09.2019	27.09.2020	3rd yr
AP/P/2018/010766	09.09.2019	02.12.2018	1st yr
AP/P/2018/010877	13.09.2019	16.12.2020	3rd yr
AP/P/2018/010918	24.09.2019	31.05.2020	3rd yr
AP/P/2018/011011	25.08.2019	24.08.2020	1st yr
AP/P/2018/011027	07.08.2019	08.08.2020	3rd yr
AP/P/2018/011062	27.08.2019	30.09.2018	1st yr
AP/P/2018/011062	27.08.2019	30.09.2019	2nd yr
AP/P/2018/011062	27.08.2019	30.09.2020	3rd yr
AP/P/2018/011100	04.09.2019	24.10.2020	1st yr
AP/P/2018/011149	28.08.2019	14.11.2020	1st yr
AP/P/2018/011195	13.09.2019	24.11.2020	2nd yr
AP/P/2018/011241	23.07.2019	05.07.2020	2nd yr
AP/P/2019/011270	01.08.2019	07.08.2020	2nd yr
AP/P/2019/011301	10.08.2019	09.08.2020	2nd yr
AP/P/2019/011309	06.09.2019	21.07.2020	2nd yr
AP/P/2019/011312	01.08.2019	31.07.2020	2nd yr
AP/P/2019/011318	29.08.2019	19.09.2020	2nd yr
AP/P/2019/011356	15.08.2019	14.08.2020	2nd yr
AP/P/2019/011356	31.08.2019	14.08.2019	1st yr
AP/P/2019/011357	15.08.2019	14.08.2020	2nd yr
AP/P/2019/011364	06.09.2019	25.09.2020	2nd yr
AP/P/2019/011365	04.09.2019	28.09.2020	2nd yr
AP/P/2019/011380	27.08.2019	26.08.2020	3rd yr
AP/P/2019/011399	07.08.2019	31.08.2020	3rd yr
AP/P/2019/011406	13.09.2019	09.10.2020	2nd yr
AP/P/2019/011412	27.08.2019	24.08.2020	2nd yr
AP/P/2019/011413	12.09.2019	13.09.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011416	18.09.2019	30.09.2020	2nd yr
AP/P/2019/011418	30.08.2019	15.09.2020	2nd yr
AP/P/2019/011419	01.08.2019	07.08.2020	2nd yr
AP/P/2019/011420	20.09.2019	08.03.2021	1st yr
AP/P/2019/011428	26.08.2019	06.09.2020	2nd yr
AP/P/2019/011440	26.09.2019	10.10.2020	2nd yr
AP/P/2019/011441	19.08.2019	22.08.2020	2nd yr
AP/P/2019/011445	18.09.2019	29.09.2020	2nd yr
AP/P/2019/011449	13.09.2019	29.09.2020	2nd yr
AP/P/2019/011454	31.08.2019	22.02.2021	2nd yr
AP/P/2019/011458	26.08.2019	07.09.2020	2nd yr
AP/P/2019/011460	14.08.2019	28.09.2020	2nd yr
AP/P/2019/011461	04.09.2019	28.09.2020	2nd yr
AP/P/2019/011466	21.08.2019	31.08.2020	2nd yr
AP/P/2019/011473	29.08.2019	19.09.2020	2nd yr
AP/P/2019/011476	29.08.2019	05.09.2020	2nd yr
AP/P/2019/011477	06.09.2019	11.10.2020	2nd yr
AP/P/2019/011478	06.09.2019	27.10.2020	2nd yr
AP/P/2019/011479	06.09.2019	27.10.2020	2nd yr
AP/P/2019/011486	07.08.2019	12.09.2020	3rd yr
AP/P/2019/011488	13.09.2019	02.11.2020	2nd yr
AP/P/2019/011498	14.08.2019	10.10.2020	2nd yr
AP/P/2019/011500	18.09.2019	29.09.2020	2nd yr
AP/P/2019/011505	11.09.2019	21.09.2020	2nd yr
AP/P/2019/011506	02.09.2019	25.09.2020	2nd yr
AP/P/2019/011509	14.08.2019	27.09.2019	1st yr
AP/P/2019/011517	29.08.2019	15.09.2020	2nd yr
AP/P/2019/011520	13.09.2019	02.11.2020	2nd yr
AP/P/2019/011522	13.09.2019	02.11.2020	2nd yr
AP/P/2019/011546	26.09.2019	09.10.2020	2nd yr
AP/P/2019/011550	24.09.2019	11.10.2020	3rd yr
AP/P/2019/011551	24.09.2019	11.10.2020	3rd yr
AP/P/2019/011553	26.09.2019	12.10.2020	2nd yr
AP/P/2019/011563	06.09.2019	16.10.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011566	13.09.2019	24.10.2020	2nd yr
AP/P/2019/011643	30.08.2019	15.12.2020	2nd yr
AP/P/2019/011666	14.08.2019	19.12.2020	2nd yr
AP/P/2019/011683	06.09.2019	16.05.2020	5th yr
AP/P/2019/011696	11.07.2019	09.01.2020	1st yr
AP/P/2019/011731	23.07.2019	29.01.2020	1st yr
AP/P/2019/011731	23.07.2019	29.01.2021	2nd yr
AP/P/2019/011733	22.08.2019	19.12.2019	1st yr
AP/P/2019/011738	07.08.2019	22.12.2018	1st yr
AP/P/2019/011738	07.08.2019	22.12.2019	2nd yr
AP/P/2019/011738	07.08.2019	22.12.2020	3rd yr
AP/P/2019/011739	08.08.2019	21.09.2020	1st yr
AP/P/2019/011739	09.08.2019	21.09.2021	2nd yr
AP/P/2019/011752	21.08.2019	18.01.2020	1st yr
AP/P/2019/011753	21.08.2019	01.02.2020	1st yr
AP/P/2019/011755	02.08.2019	02.02.2020	1st yr
AP/P/2019/011759	22.08.2019	16.01.2020	1st yr
AP/P/2019/011760	14.08.2019	02.02.2020	1st yr
AP/P/2019/011760	14.08.2019	02.02.2021	2nd yr
AP/P/2019/011763	14.08.2019	10.02.2019	1st yr
AP/P/2019/011763	14.08.2019	10.02.2020	2nd yr
AP/P/2019/011767	14.08.2019	17.01.2020	1st yr
AP/P/2019/011767	14.08.2019	17.01.2021	2nd yr
AP/P/2019/011780	04.09.2019	15.01.2020	1st yr
AP/P/2019/011785	28.08.2019	27.02.2020	1st yr
AP/P/2019/011789	22.08.2019	26.02.2020	1st yr
AP/P/2019/011792	22.08.2019	06.02.2020	1st yr
AP/P/2019/011802	06.09.2019	26.08.2021	1st yr
AP/P/2019/011802	06.09.2019	26.08.2022	2nd yr
AP/P/2019/011804	30.08.2019	01.03.2020	1st yr
AP/P/2019/011805	29.08.2019	08.03.2020	1st yr
AP/P/2019/011806	04.09.2019	17.02.2020	2nd yr
AP/P/2019/011806	04.09.2019	17.02.2019	1st yr
AP/P/2019/011809	30.08.2019	02.02.2020	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011810	30.08.2019	07.04.2019	1st yr
AP/P/2019/011810	30.08.2019	07.04.2020	2nd yr
AP/P/2019/011811	30.08.2019	02.02.2020	1st yr
AP/P/2019/011812	30.08.2019	21.03.2019	1st yr
AP/P/2019/011812	30.08.2019	21.03.2020	2nd yr
AP/P/2019/011813	30.08.2019	31.01.2020	1st yr
AP/P/2019/011814	30.08.2019	26.01.2020	1st yr
AP/P/2019/011815	30.08.2019	29.03.2020	1st yr
AP/P/2019/011816	30.08.2019	09.02.2020	1st yr
AP/P/2019/011817	09.09.2019	07.03.2020	1st yr
AP/P/2019/011818	11.09.2019	01.03.2020	1st yr
AP/P/2019/011819	11.09.2019	22.02.2020	1st yr
AP/P/2019/011819	11.09.2019	22.02.2021	2nd yr
AP/P/2019/011820	06.09.2019	15.02.2020	1st yr
AP/P/2019/011821	11.09.2019	22.11.2019	1st yr
AP/P/2019/011821	11.09.2019	22.11.2020	2nd yr
AP/P/2019/011822	06.09.2019	16.02.2020	1st yr
AP/P/2019/011823	04.09.2019	01.12.2019	1st yr
AP/P/2019/011823	04.09.2019	01.12.2020	2nd yr
AP/P/2019/011824	10.09.2019	30.01.2020	1st yr
AP/P/2019/011825	06.09.2019	11.10.2019	1st yr
AP/P/2019/011825	06.09.2019	11.10.2020	2nd yr
AP/P/2019/011826	04.09.2019	23.02.2020	1st yr
AP/P/2019/011826	04.09.2019	23.02.2021	2nd yr
AP/P/2019/011827	10.09.2019	03.02.2020	1st yr
AP/P/2019/011828	09.09.2019	10.05.2014	1st yr
AP/P/2019/011828	09.09.2019	10.05.2015	2nd yr
AP/P/2019/011828	09.09.2019	10.05.2016	3rd yr
AP/P/2019/011828	09.09.2019	10.05.2017	4th yr
AP/P/2019/011828	09.09.2019	10.05.2018	5th yr
AP/P/2019/011828	09.09.2019	10.05.2019	6th yr
AP/P/2019/011828	09.09.2019	10.05.2020	7th yr
AP/P/2019/011829	11.09.2019	07.03.2020	1st yr
AP/P/2019/011829	11.09.2019	07.03.2021	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2019/011830	06.09.2019	06.02.2020	1st yr
AP/P/2019/011831	09.09.2019	13.03.2020	1st yr
AP/P/2019/011831	09.09.2019	13.03.2021	2nd yr
AP/P/2019/011832	06.09.2019	12.02.2020	1st yr
AP/P/2019/011833	06.09.2019	11.08.2017	1st yr
AP/P/2019/011833	06.09.2019	11.08.2018	2nd yr
AP/P/2019/011833	06.09.2019	11.08.2019	3rd yr
AP/P/2019/011833	06.09.2019	11.08.2020	4th yr
AP/P/2019/011834	20.09.2019	29.03.2020	1st yr
AP/P/2019/011835	11.09.2019	14.12.2019	1st yr
AP/P/2019/011836	11.09.2019	15.12.2019	1st yr
AP/P/2019/011837	11.09.2019	14.02.2020	1st yr
AP/P/2019/011839	13.09.2019	12.06.2017	1st yr
AP/P/2019/011839	13.09.2019	12.06.2018	2nd yr
AP/P/2019/011839	13.09.2019	12.06.2019	3rd yr
AP/P/2019/011839	13.09.2019	12.06.2020	4th yr
AP/P/2019/011841	13.09.2019	15.03.2020	1st yr
AP/P/2019/011841	13.09.2019	15.03.2021	2nd yr
AP/P/2019/011843	20.09.2019	22.02.2020	1st yr
AP/P/2019/011843	20.09.2019	22.02.2021	2nd yr
AP/P/2019/011848	20.09.2019	21.02.2020	1st yr
AP/P/2019/011848	20.09.2019	21.02.2021	2nd yr
AP/P/2019/011864	20.09.2019	30.03.2020	1st yr
AP/P/2019/011872	20.09.2019	19.02.2020	1st yr
AP/P/2019/011872	20.09.2019	19.02.2021	2nd yr
AP/P/2019/011883	27.09.2019	12.03.2020	1st yr
AP/P/2019/011884	27.09.2019	02.03.2020	1st yr
AP/U/2017/000095	01.09.2019	15.02.2020	6th yr

Patents and Patent Applications Assigned

(11) AP 2407
(23) 25.09.2019
(51) **C09K 17/02 (2006.01)**
C04B 14/10 (2006.01)
(54) INORGANIC, STATIC ELECTRIC BINDER COMPOSITION, USE THEREOF AND METHOD FOR THE PREPARATION OF SAID BINDER COMPOSITION
(71) Desert Control AS
(72) OLESEN Kristian P
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 2988
(23) 19.09.2019
(51) **C07D 493/22 (2006.01)**
C07C 69/96 (2006.01)
(54) PHOTOCHEMICAL PROCESS FOR PRODUCING ARTEMISININ
(71) Huvepharma Italia S.r.L
(72) RAYMOND Nicolas, DLUBALA Alain, DHAINAUT Jildaz, et al
(74) KAPLAN & STRATTON ADVOCATES
(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

(21) AP/P/2012/006381
(22) 09.12.2010
(23) 03.09.2019
(51) **E04B 1/18 (2006.01)**
(54) PANELIZED STRUCTURAL SYSTEM FOR BUILDING CONSTRUCTION
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2013/007294
(22) 27.02.2012
(23) 20.09.2019
(51) **B01J 8/18 (2006.01)**
F22B 31/00 (2006.01)
F23C 10/10 (2006.01)
(54) OXYCOMBUSTION IN TRANSPORT OXY-COMBUSTOR
(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/2013/007302
(22) 28.08.2008
(23) 25.09.2019
(51) **B65D 90/00 (2006.01)**
(54) MOVABLE STORAGE TANK, MOVABLE STORAGE TANK WITH DRAINING APPARATUS AND DRAINING APPARATUS
(74) HONEY & BLANCKENBERG
(84) BW, LS, MZ, NA, SZ, ZM, ZW

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(21) AP/P/2014/007419
(22) 06.08.2012
(23) 17.09.2019
(51) **F04B 39/10 (2006.01)**
(54) HUMAN POWERED IRRIGATION DIAPHRAGM PUMP
(74) GALLOWAY & COMPANY
(84) KE, MW, MZ, RW, TZ, UG

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(21) AP/P/2014/007590
(22) 19.09.2012
(23) 20.09.2019
(51) **A01K 67/033 (2006.01)**
(54) PHYTOSEIID PREDATORY MITE RELEASING SYSTEM AND METHOD FOR PRODUCTION
(74) FISHER CORMACK & BOTHA
(84) KE, TZ

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(21) AP/P/2014/007685
(22) 05.11.2012
(23) 05.09.2019
(51) **E21B 47/125 (2012.01)**
E21B 43/12 (2006.01)
E21B 23/00 (2006.01)
(54) CONTROLLED ELECTROLYTIC DEGRADATION OF DOWNHOLE TOOLS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH

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(21) AP/P/2014/007774
(22) 09.07.2014
(23) 05.09.2019
(51) **C07K 14/605 (2006.01)**
A61K 38/26 (2006.01)
(54) NEW PYRROLE 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/2014/007805
(22) 28.12.2012
(23) 20.09.2019
(51) **A61K 31/11 (2006.01)**
A01N 35/00 (2006.01)
(54) SUBSTITUTED BENZALDEHYDE COMPOUNDS AND METHODS FOR THEIR USE IN INCREASING TISSUE OXYGENATION
(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/2014/007912
(22) 06.02.2013
(23) 26.09.2019
(51) **E05B 47/06 (2006.01)**
E05B 47/00 (2006.01)
E05B 17/04 (2006.01)
(54) GEAR ASSEMBLY AND USE IN CYLINDER LOCK
(74) FISHER CORMACK & BOTHA
(84) BW, KE, MZ, NA, TZ, ZW

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(21) AP/P/2014/008068
(22) 21.11.2014
(23) 26.09.2019
(51) **G06Q 50/00 (2006.01)**
G06Q 40/00 (2006.01)
(54) UNIFIED TAX SYSTEM
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, MW, RW, TZ, UG, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2014/008070
(22) 21.11.2014
(23) 26.09.2019
(51) **G06Q 40/00 (2006.01)**
G06Q 10/00 (2006.01)
(54) INTEGRATED TAXATION FRAMEWORK FOR TAX ASSESSMENT
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, MW, RW, TZ, UG, ZM, ZW

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(21) AP/P/2015/008248
(22) 28.08.2013
(23) 23.09.2019
(51) **C07C 311/51 (2006.01)**
A61K 31/4453 (2006.01)
C07D 277/16 (2006.01)
C07C 311/20 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4164 (2006.01)
C07C 311/16 (2006.01)
A61K 31/426 (2006.01)
C07D 309/14 (2006.01)
A61K 31/351 (2006.01)
C07D 233/42 (2006.01)
A61P 31/20 (2006.01)
A61K 31/341 (2006.01)
A61K 31/18 (2006.01)
A61K 31/4468 (2006.01)
A61K 31/337 (2006.01)
(54) SULFAMOYL-ARYLAMIDES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B
(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/2015/008299
(22) 09.03.2015
(23) 17.09.2019
(51) **E04B 1/00 (2006.01)**
(54) A ROOF SUPPORT STRUCTURE FOR SUPPORTING A ROOF
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008307
(22) 23.08.2013
(23) 17.09.2019
(51) **A61K 31/535 (2006.01)**
(54) NOVEL 4,6-DISUBSTITUTED AMINOPYRIMIDINE DERIVATIVES
(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/2015/008405
(22) 23.10.2013
(23) 26.09.2019
(51) **H04L 29/08 (2006.01)**
H04W 8/00 (2009.01)
H04W 4/00 (2009.01)
(54) PROFILE BASED DISCOVERY ENGINE CONFIGURATIONS FOR NEIGHBORHOOD AWARE WI-FI NETWORKS
(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/2015/008421
(22) 27.11.2013
(23) 23.09.2019
(51) **A01K 61/00 (2006.01)**
A01K 73/12 (2006.01)
E02B 3/04 (2006.01)
B63C 9/05 (2006.01)
(54) A SHARK BARRIER
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) MZ

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(21) AP/P/2015/008438
(22) 25.10.2013
(23) 03.09.2019
(51) **H04L 27/26 (2006.01)**
H04L 27/38 (2006.01)
H03G 3/32 (2006.01)
(54) GAIN CONTROL FOR INTRA-BAND CARRIER AGGREGATION
(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/2015/008466
(22) 07.11.2013
(23) 26.09.2019
(51) **G01V 1/34 (2006.01)**
G01V 1/30 (2006.01)
G01V 1/32 (2006.01)
(54) METHOD OF PROCESSING SEISMIC IMAGE OF THE SUBSURFACE
(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/2015/008659
(22) 24.01.2014
(23) 16.09.2019
(51) **A23N 12/10 (2006.01)**
A23G 1/06 (2006.01)
A23G 1/00 (2006.01)
(54) METHOD AND DEVICE FOR DRYING AND/OR ROASTING A FOOD
(74) GALLOWAY & COMPANY
(84) GH, SL

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(21) AP/P/2015/008727
(22) 27.02.2014
(23) 17.09.2019
(51) **G06Q 50/24 (2012.01)**
(54) SYSTEMS AND METHODS FOR INTEGRATING, UNIFYING AND DISPLAYING PATIENT DATA ACROSS HEALTHCARE CONTINUA
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, KE, NA, RW, UG

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(21) AP/P/2015/008779
(22) 19.03.2013
(23) 12.09.2019
(51) **H02J 13/00 (2006.01)**
H02J 3/38 (2006.01)
H02J 3/32 (2006.01)
(54) ENERGY MAINTENANCE DEVICE AND ITS ASSOCIATED METHOD
(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/2015/008800
(22) 01.04.2014
(23) 19.09.2019
(51) **H04B 1/64 (2006.01)**
G03G 7/00 (2006.01)
H03G 3/24 (2006.01)
G10L 21/034 (2013.01)
(54) COMPANDING APPARATUS AND METHOD TO REDUCE QUANTIZATION NOISE USING ADVANCED SPECTRAL EXTENSION
(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/2015/008810
(22) 15.03.2014
(23) 05.09.2019
(51) **C02F 1/52 (2006.01)**
(54) PORTABLE, NON-BIOLOGICAL, CYCLIC SEWAGE TREATMENT PLANT
(74) GILL, GODLONTON & GERRANS
(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/2015/008924
(22) 29.05.2014
(23) 11.09.2019
(51) **G06F 21/42 (2013.01)**
H04W 12/06 (2009.01)
H04W 4/00 (2009.01)
H04L 29/06 (2006.01)
H04L 9/32 (2006.01)
(54) LINKED REGISTRATION
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, TZ, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2016/009011
(22) 31.07.2014
(23) 05.09.2019
(51) **C12N 15/62 (2006.01)**
C07K 14/495 (2006.01)
(54) GROWTH DIFFERENTIATION FACTOR 15 (GDF-15) CONSTRUCTS
(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/2016/009030
(22) 16.09.2014
(23) 27.09.2019
(51) **G06Q 20/40 (2012.01)**
G06Q 20/32 (2012.01)
(54) SYSTEMS AND METHODS FOR TRANSACTING VIA A MOBILE COMMUNICATIONS CHANNEL
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, KE, RW, TZ, UG

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(21) AP/P/2016/009047
(22) 27.05.2014
(23) 30.09.2019
(51) **H02K 21/24 (2006.01)**
H02K 21/22 (2006.01)
(54) SYNCHRONOUS DRIVE MOTOR
(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/2016/009048
(22) 27.05.2014
(23) 30.09.2019
(51) **F02N 11/04 (2006.01)**
H02K 1/27 (2006.01)
H02K 29/03 (2006.01)
H02K 7/00 (2006.01)
H02K 21/22 (2006.01)
(54) SYNCHRONOUS DRIVE MOTOR
(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/2016/009130
(22) 06.04.2016
(23) 12.09.2019
(51) **A61K 2/00 (2006.01)**
(54) SUPPORTING FRAME ASSEMBLY
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, NA

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(21) AP/P/2016/009131
(22) 06.04.2016
(23) 12.09.2019
(51) **A61F 2/00 (2006.01)**
(54) FRAME SUPPORTED HEIGHT ADJUSTABLE PYLON
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, NA

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(21) AP/P/2016/009152
(22) 17.10.2014
(23) 19.09.2019
(51) **B01D 53/86 (2006.01)**
(54) PROCESS FOR REMOVING METHANE FROM A GAS
(74) FISHER CORMACK & BOTHA
(84) BW, MW, MZ, SZ, TZ, ZM, ZW

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(21) AP/P/2016/009191
(22) 08.04.2015
(23) 19.09.2019
(51) **F42D 3/04 (2006.01)**
(54) BLASTING SYSTEM CONTIROL
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, LS, TZ, ZM, ZW

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(21) AP/P/2016/009212
(22) 17.10.2014
(23) 05.09.2019
(51) **A61K 38/26 (2006.01)**
C07K 14/605 (2006.01)
(54) ACYLATED GLUCAGON ANALOGUES
(74) FISHER CORMACK & BOTHA
(84) GH, KE

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(21) AP/P/2016/009215
(22) 15.10.2014
(23) 16.09.2019
(51) **C12N 5/10 (2006.01)**
C12N 5/02 (2006.01)
C12N 5/00 (2006.01)
C12N 15/82 (2006.01)
(54) ZEA MAYS REGULATORY ELEMENTS AND USES THEREOF
(74) FISHER CORMACK & BOTHA
(84) KE, MW, MZ, TZ, UG

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(21) AP/P/2016/009241
(22) 02.12.2014
(23) 18.09.2019
(51) **B22D 30/00 (2006.01)**
C25C 7/02 (2006.01)
(54) METHOD AND COOLING TANK FOR COOLING CAST ANODE PLATES
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) ZM

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(21) AP/P/2016/009294
(22) 18.12.2014
(23) 19.09.2019
(51) **A24B 3/12 (2006.01)**
A24B 15/24 (2006.01)
(54) METHODS FOR REDUCING MATRIX-BOUND NICOTINE-DERIVED NITROSAMINE KETONE IN TOBACCO PLANT MATERIAL
(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/2016/009331
(22) 08.01.2015
(23) 18.09.2019
(51) **G07F 17/32 (2006.01)**
(54) SCREEN FRAME CONFIGURATION AND SCREEN DEVICE
(74) FISHER CORMACK & BOTHA
(84) GH, KE, TZ

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(21) AP/P/2016/009405
(22) 19.01.2015
(23) 20.09.2019
(51) **A01N 25/30 (2006.01)**
A01N 57/20 (2006.01)
(54) STABLE HERBICIDAL COMPOSITIONS
(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/2016/009510
(22) 18.03.2015
(23) 17.09.2019
(51) **G06Q 40/00 (2012.01)**
G06Q 20/20 (2012.01)
(54) SOLAR LIGHTING WITH PAY-AS-YOU-GO TECHNOLOGY
(74) FISHER CORMACK & BOTHA
(84) GH, KE, MW, RW, SL, TZ, UG, ZM

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(21) AP/P/2016/009612
(22) 12.06.2015
(23) 16.09.2019
(51) **C07K 5/00 (2006.01)**
C07K 7/00 (2006.01)
A61K 38/00 (2006.01)
C07K 2/00 (2006.01)
C07K 4/00 (2006.01)
A61K 38/06 (2006.01)
A61K 38/07 (2006.01)
(54) MODULATION OF COMPLEMENT ACTIVITY
(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 Pending Grant (Contd.)

(21) AP/P/2016/009660
(22) 13.05.2016
(23) 27.09.2019
(51) **F16H 57/12 (2006.01)**
F02D 11/10 (2006.01)
F03G 7/00 (2006.01)
F03G 7/08 (2006.01)
F04B 9/04 (2006.01)
F03G 3/00 (2006.01)
(54) ENERGY-SAVING EQUILIBRIUM MECHANISM, ROTATING MACHINE AND METHOD OF IMPLEMENTATION
(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/2017/009898
(22) 29.10.2015
(23) 26.09.2019
(51) **F42D 1/055 (2006.01)**
(54) USE OF A REMOTELY CONTROLLED VEHICLE IN A BLASTING OPERATION
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, LS, TZ, ZM, ZW

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(21) AP/P/2017/009915
(22) 11.08.2015
(23) 26.09.2019
(51) **B63B 35/44 (2006.01)**
B63B 9/06 (2006.01)
B63B 21/50 (2006.01)
B63B 3/70 (2006.01)
(54) VESSEL HULL FOR USE AS A HULL OF A FLOATING HYDROCARBON STORAGE AND/OR PROCESSING PLANT, METHOD FOR PRODUCING SUCH A VESSEL HULL, VESSEL COMPRISING SUCH A VESSEL HULL, AS WELL METHOD FOR PRODUCING SUCH A VESSEL HAVING SUCH A VESSEL HULL
(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/2017/009936
(22) 09.11.2015
(23) 27.09.2019
(51) **A61P 25/28 (2006.01)**
C07D 211/72 (2006.01)
C07D 413/12 (2006.01)
A61K 31/497 (2006.01)
C07D 417/12 (2006.01)
C07D 401/12 (2006.01)
A61K 31/444 (2006.01)
(54) 2-AMINO-3,5-DIFLUORO-3,6-DIMETHYL-6-PHENYL-3,4,5,6-TETRAHYDROPYRIDINES AS BACE1 INHIBITORS FOR TREATING ALZHEIMER'S DISEASE
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG

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(21) AP/P/2017/009953
(22) 09.11.2015
(23) 06.09.2019
(51) **F42B 3/12 (2006.01)**
H05K 1/11 (2006.01)
F42D 1/05 (2006.01)
(54) BOOSTER COMPRISING A PRINTED ELECTRONIC CIRCUIT
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, LS, TZ, ZM, ZW

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(21) AP/P/2017/010011
(22) 05.02.2016
(23) 23.09.2019
(51) **F16B 5/00 (2006.01)**
F16B 7/22 (2006.01)
A47F 5/08 (2006.01)
A47B 96/06 (2006.01)
F16B 1/00 (2006.01)
(54) MOUNTING OF AN OBJECT
(74) Cronjé & Co.
(84) BW, GH, MZ, NA, SL, TZ, ZM, ZW

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(21) AP/P/2017/010079
(22) 16.12.2015
(23) 19.09.2019
(51) **F16L 55/38 (2006.01)**
F16L 55/164 (2006.01)
F16L 55/18 (2006.01)
C09K 3/12 (2006.01)
F16L 55/128 (2006.01)
(54) SYSTEMS, COMPOSITIONS AND METHODS FOR CURING LEAKAGES IN PIPES
(74) ISEME, KAMAU & MAEMA 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/2017/010175
(22) 09.02.2016
(23) 30.09.2019
(51) **A61P 35/00 (2006.01)**
A61K 47/18 (2006.01)
A61K 31/498 (2006.01)
A61K 9/48 (2006.01)
C07D 403/04 (2006.01)
A61K 9/20 (2006.01)
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING N-(3,5-DIMETHOXYPHENYL-N'-(1-METHYLETHYL)-N-[3-(METHYL-1H-PYRAZOL-4-YL)QUINOXALIN-6-YL] ETHANE-1,2-DIAMINE
(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/2017/010208
(22) 07.03.2016
(23) 03.09.2019
(51) **A61K 31/7076 (2006.01)**
C07H 19/16 (2006.01)
(54) β-D-2'-DEOXY-2'α-FLUORO-2'-β-C-SUBSTITUTED-2-MODIFIED-N^6-SUBSTITUTED PURINE NUCLEOTIDES FOR HCV TREATMENT
(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/2017/010220
(22) 04.05.2016
(23) 04.09.2019
(51) **C07D 487/08 (2006.01)**
C07D 513/08 (2006.01)
CO7D 471/08 (2006.01)
C07D 209/04 (2006.01)
(54) MONO- OR DI-SUBSTITUTED INDOLE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS
(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/2017/010259
(22) 14.04.2016
(23) 04.09.2019
(51) **A61P 3/00 (2006.01)**
A61K 31/551 (2006.01)
A61P 25/00 (2006.01)
C07D 487/04 (2006.01)
(54) INDOLE DERIVATIVES
(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/2017/010266
(22) 29.04.2016
(23) 09.09.2019
(51) **A61P 25/00 (2006.01)**
A61K 31/4985 (2006.01)
C07D 487/04 (2006.01)
(54) IMIDAZOPYRAZINONES AS PDE1 INHIBITORS
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2017/010275
(22) 22.04.2016
(23) 24.09.2019
(51) **C07D 513/04 (2006.01)**
A61P 25/28 (2006.01)
A61K 31/542 (2006.01)
(54) TETRAHYDROFURANE-FUSED AMINOHYDROTHIAZINE DERIVATIVES WHICH ARE USEFUL IN THE TREATMENT OF ALZHEIMER'S DISEASE
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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(21) AP/P/2017/010280
(22) 03.05.2016
(23) 24.09.2019
(51) **C07D 417/12 (2006.01)**
A61K 31/4155 (2006.01)
C07D 413/12 (2006.01)
A61P 9/00 (2006.01)
C07D 487/04 (2006.01)
C07D 231/44 (2006.01)
C07D 498/04 (2006.01)
C07D 231/50 (2006.01)
C07D 231/40 (2006.01)
(54) PYRAZOLE DERIVATIVES USEFUL AS 5-LIPOXYGENASE ACTIVATING PROTEIN (FLAP) INHIBITORS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, GM, KE

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(21) AP/P/2017/010321
(22) 31.05.2016
(23) 25.09.2019
(51) **A01P 7/04 (2006.01)**
A01N 43/82 (2006.01)
C07D 277/34 (2006.01)
A01N 43/78 (2006.01)
A01N 43/54 (2006.01)
C07D 251/38 (2006.01)
A01N 43/60 (2006.01)
C07D 239/34 (2006.01)
A01N 43/40 (2006.01)
C07D 241/18 (2006.01)
A01N 37/36 (2006.01)
(54) MOSQUITO VECTOR CONTROL COMPOSITIONS, METHODS AND PRODUCTS UTILIZING SAME
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/010339
(22) 01.07.2016
(23) 11.09.2019
(51) **A61K 31/407 (2006.01)**
C07D 291/08 (2006.01)
A61P 31/20 (2006.01)
C07D 515/20 (2006.01)
C07D 513/04 (2006.01)
C07D 513/20 (2006.01)
C07D 515/04 (2006.01)
(54) CYCLIZED SULPHAMOYLARYLAMIDE DERIVATIVES AND THE USE THEREOF AS MEDICAMENTS FOR THE TREATMENT OF HEPATITIS B
(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/2017/010344
(22) 30.05.2016
(23) 11.09.2019
(51) **C07C 229/16 (2006.01)**
C07D 257/02 (2006.01)
A61K 49/10 (2006.01)
(54) NEW GADOLINIUM CHELATE COMPOUNDS FOR USE IN MAGNETIC RESONANCE IMAGING
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2017/010365
(22) 13.06.2016
(23) 30.09.2019
(51) **A61K 39/39 (2006.01)**
(54) METHOD FOR PREPARATION OF ALUMINIUM PHOSPHATE GEL FOR APPLICATION IN VACCINE FORMULATIONS
(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/2017/010376
(22) 22.06.2016
(23) 10.09.2019
(51) **A61P 37/00 (2006.01)**
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 495/04 (2006.01)
(54) NEW AMINOACID DERIVATIVES, 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, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/010380
(22) 22.06.2016
(23) 02.09.2019
(51) **A61P 35/00 (2006.01)**
A61P 37/00 (2006.01)
C07D 495/04 (2006.01)
A61K 31/519 (2006.01)
(54) NEW HYDROXYESTER DERIVATIVES, 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, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/010385
(22) 22.06.2016
(23) 02.09.2019
(51) **A61K 31/437 (2006.01)**
C07D 409/12 (2006.01)
A61P 35/00 (2006.01)
C07D 405/04 (2006.01)
A61K 31/4355 (2006.01)
C07D 405/12 (2006.01)
C07D 403/12 (2006.01)
A61K 31/381 (2006.01)
C07D 491/04 (2006.01)
C07D 333/56 (2006.01)
C07D 495/04 (2006.01)
C07D 487/04 (2006.01)
C07D 307/81 (2006.01)
C07D 471/04 (2006.01)
C07D 307/80 (2006.01)
C07D 209/12 (2006.01)
(54) NEW BICYCLIC DERIVATIVES, 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, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/010386
(22) 22.06.2016
(23) 10.09.2019
(51) **A61K 31/519 (2006.01)**
A61P 37/00 (2006.01)
C07D 495/04 (2006.01)
A61P 35/00 (2006.01)
(54) NEW HYDROXYACID DERIVATIVES, 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, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/010388
(22) 17.06.2016
(23) 05.09.2019
(51) **A61K 31/563 (2006.01)**
A61K 9/20 (2006.01)
A61K 9/00 (2006.01)
(54) ORODISPERSIBLE DOSAGE UNIT CONTAINING AN ESTETROL COMPONENT
(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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Patents Granted

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4875

(21) Application No : AP/P/2016/009050

(22) Filing Date : 11.07.2014

(24) Date of Grant & (45) Publication : 11/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/856,375	19.07.2013

(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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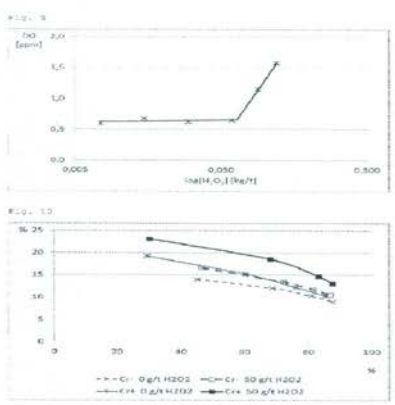
(51) International Classification : B03D 1/02 (2006.01) C22B 15/00 (2006.01) C22B 1/00 (2006.01)

(54) Title

METHOD FOR RECOVERING A COPPER SULFIDE CONCENTRATE FROM AN ORE CONTAINING AN IRON SULFIDE

(57) Abstract

In a method for recovering a copper sulfide concentrate by froth flotation from an ore containing an iron sulfide, wet grinding of the ore with grinding media made of high chromium cast iron alloy having a chromium content of from 10 to 35 % by weight is combined with an addition of hydrogen peroxide to the conditioned mineral pulp before or during flotation in order to improve concentrate grade and recovery of copper sulfides.



(56) Documents Cited : A URIBE-SALAS et al US 5 110 455 A J.RALSTON:"Eh and its conseq

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4876

(21) Application No : AP/P/2016/009104

(22) Filing Date : 11.04.2011

(24) Date of Grant & (45) Publication : 12/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/323,289	12.04.2010

(84) Designated States: KE

(73) Applicant(s)
NOKIA CORPORATION, Keilalahdentie 4, FI-02150 Espoo, Finland

(72) Inventors
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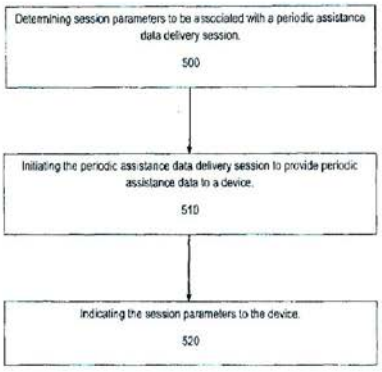
(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : G01S 19/05 (2010.01) G01S 1/00 (2006.01) G01S 5/02 (2010.01) G01S 5/00 (2006.01)

(54) Title
SESSION PARAMETERS IN THE PERIODIC ASSISTANCE DATA DELIVERY

(57) Abstract

Session parameters and/or information regarding session parameters are provided to a target device from a location server in a periodic assistance session. For example, the location server starts an unsolicited periodic assistance session, and transmits information indicating the unsolicited assistance session is periodic as well as any relevant session parameters to the target device. The location server may change session parameters "on the fly," and inform the target device of the modified session parameters. The target device may initiate a session and requests certain parameters, to which the location server responds with an indication as to what parameters the target device will actually receive. Additionally, the target device may modify the session parameters, and the location server can respond to the target indicating whether or not the modification was accepted or if the modification was accepted in a modified form.



(56) Documents Cited : LAURI WIROLA et al LAURI WIROLA et al "3rd Generation Partnership Pr

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4877

(21) Application No : AP/P/2016/009428

(22) Filing Date : 19.03.2015

(24) Date of Grant & (45) Publication : 12/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	14161192.1	21.03.2014

(84) Designated States: MZ TZ

(73) Applicant(s)
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DEN BREEJEN Johan Peter, The Netherlands
DOGTEROM Ronald Jan, The Netherlands
et al

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification :

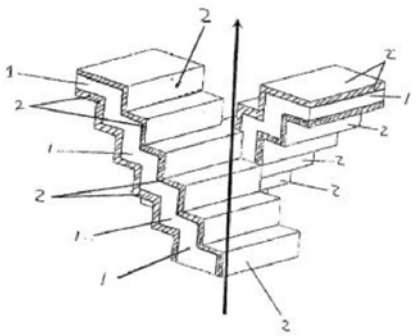
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B01J	35/04	(2006.01)	B01J	35/02	(2006.01)
F01N	3/28	(2006.01)	C04B	38/00	(2006.01)
C07C	1/04	(2006.01)	C10G	2/00	(2006.01)
B29C	67/00	(2006.01)	B22F	3/00	(2006.01)

(54) Title
CATALYST

(57) Abstract

The Fischer-Tropsch process can be used for the conversion of hydrocarbonaceous feed stocks into normally liquid and/or solid hydrocarbons. The feed stock (e.g. natural gas, associated gas and/or coal-bed methane, coal) is converted in a first step into a mixture of hydrogen and carbon monoxide (this mixture is often referred to as synthesis gas or syngas). The synthesis gas (or syngas) is then converted in one or more steps over a suitable catalyst at elevated temperature and pressure into paraffinic compounds ranging from methane to high molecular weight molecules comprising up to 200 carbon atoms, or, under particular circumstances, even more. The present invention relates to a catalyst, a method for manufacturing said catalyst. The present invention further relates to a catalyst obtainable by said method. The present invention further relates to a multi tubular reactor comprising said catalyst.

Figure 1



(56) Documents Cited : WO 2012/084788 A1 WO 2006/079848 A1 US 2002/198429 A1

Patents Granted (Contd.)

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

(11) **Patent No :** AP 4878

(21) **Application No :** AP/P/2015/008895

(22) **Filing Date :** 13.05.2013

(24) (45) **Date of Grant & Publication :** 15/09/2019

(30) **Priority Data**

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

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

(73) **Applicant(s)**
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(72) **Inventors**
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RUFF Robert Sydney, Canada
SCHEMBRI Charles Joseph, Canada
et al

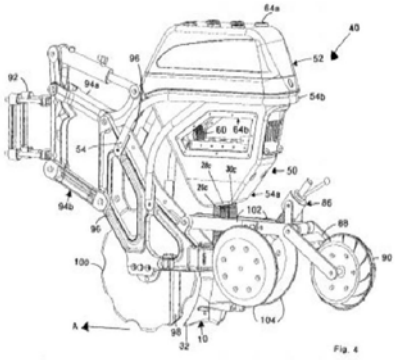
(74) **Representative**
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** A01C 7/18 (2006.01) A01C 17/00 (2006.01) A01C 15/00 (2006.01)

(54) **Title**
A SYSTEM FOR VARIABLE-RATIO BLENDING OF MULTIPLE AGRICULTURAL PRODUCTS FOR DELIVERY VIA A PORTED OPENER

(57) **Abstract**

A system to meter multiple agricultural products according to an independently prescribed rate for each in a variable-ratio blend of the agricultural products from a single opener in a plurality of such systems and openers across an applicator such as a drill. Bulk storage compartments associated with the applicator deliver multiple agricultural products to metering assemblies mounted in clusters or pods across the applicator. The agricultural products are fed from the metering assemblies, via a flow re-director, into a manifold, and then into a corresonding single opener having conduits to transport the agricultural product into the soil. Controllers independently regulate metering by the metering assemblies. The flow re-director and manifold provide blending of combinations of the agricultural products for each opener according to a field prescription.



(56) **Documents Cited :**

US 2011/0178632 A1	US 4264023 A	US 2007/0048434 A1
US 2001/0019087 A1	US 8141504 B2	US 7171912 B2

Patents Granted (Contd.)

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

(11) **Patent No :** AP 4879

(21) **Application No :** AP/P/2016/009374

(22) **Filing Date :** 23.03.2015

(24) (45) **Date of Grant & Publication :** 15/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	61/969,735	24.03.2014
US	62/088,304	05.12.2014

(84) **Designated States:** BW GH KE NA

(73) **Applicant(s)**
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(72) **Inventors**
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CASAREZ Anthony, United States of America
LIN Xiaodong, United States of America
et al

(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :**

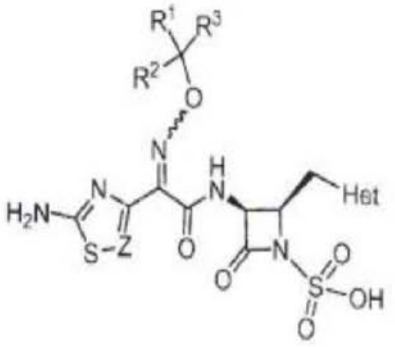
C07D	417/14 (2006.01)	C07D	487/04 (2006.01)
A61P	31/04 (2006.01)	A61K	31/427 (2006.01)
A61K	31/496 (2006.01)	A61K	31/4439 (2006.01)
A61K	31/454 (2006.01)	A61K	31/437 (2006.01)

(54) **Title**

MONOBACTAM ORGANIC COMPOUNDS FOR THE TREATMENT OF BACTERIAL INFECTIONS

(57) **Abstract**

This invention pertains generally to antibacterial compounds of Formula I, as further described herein, and pharmaceutically acceptable salts and formulations thereof. In certain aspects, the invention pertains to methods of using such compounds to treat infections such as those caused by Gram-negative bacteria.



(56) **Documents Cited :** EP 0 093 376 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4880

(21) Application No : AP/P/2014/007588

(22) Filing Date : 20.09.2012

(24) Date of Grant & (45) Publication : 18/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/538,024	22.09.2011

(84) Designated States:
BW

(73) Applicant(s)
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(72) Inventors
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FANSLOW William Christian III, United States of America
DELANEY John M, United States of America

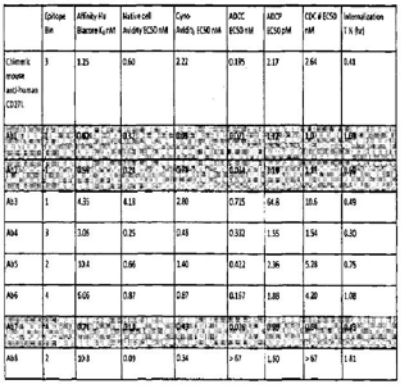
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)

(54) Title
CD27L antigen binding proteins

(57) Abstract

The present invention relates to CD27L antigen binding proteins, such an antibodies, polynucleotides encoding said CD271 antigen binding proteins, antibody drug conjugate compositions, and methods for diagnosing and treating diseases associated with CD27L expression.



	Epitope Bin	Affinity Kd (Biacore) K_D nM	Native cell Activity EC50 nM	Cyno Ad(D), EC50 nM	ADCC EC50 nM	ADCP EC50 pM	CDC at EC50 nM	Internalization T ½ (hr)
Chimeric mouse anti-Human CD27L	3	1.25	0.60	2.22	0.195	2.17	2.64	0.43
Ab1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ab2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ab3	1	4.35	4.18	2.80	0.725	> 64.8	10.6	0.49
Ab4	3	3.06	0.25	0.48	0.332	1.55	3.54	0.20
Ab5	2	10.4	0.66	1.40	0.422	2.36	5.28	0.75
Ab6	4	5.06	0.87	2.87	0.157	1.88	4.20	1.08
Ab7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Ab8	2	10.8	0.09	0.34	> 67	1.30	> 67	1.81

(56) Documents Cited :
WO 2008/074004 A2
WO 2006/044643 A2
WO 2006/113909 A2
HOLT L J et al
WO 2009/126934 A2
DAVIES J et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4881

(21) Application No : AP/P/2016/009077

(22) Filing Date : 27.01.2014

(24) Date of Grant & (45) Publication : 18/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201310341927.7	07.08.2013

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

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(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C12P 7/06 (2006.01)

(54) Title
CONTINUOUS SOLID SEPARATION DEVICE AND PROCESS FOR PRODUCING FUEL ETHANOL

(57) Abstract

The present invention belongs to the technical field of fuel ethanol production through fermentation of saccharine materials by using microorganism, and specifically relates to a continuous separation device and process for producing fuel ethanol. The device is a continuous distillation device, and is an improvement of an existing distillation device. In the present invention, continuous ethanol separation process is used, fermentable sugar in sweet sorghum straws (sugarcanes, beet, or the like) may be fully used, so that the ethanol yield is increased, a conventional production mode is changed, and continuity of the ethanol separation process is achieved. In addition, waste materials generated during the distillation process can be used as a fuel material or an animal feed, thereby saving costs, and the technology also has a great environmental protection meaning.

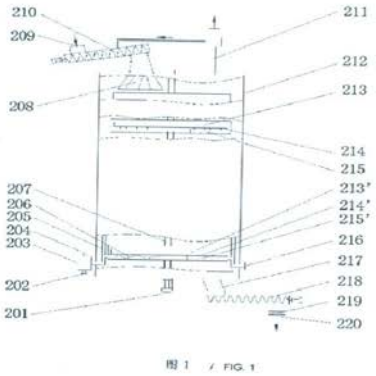


图 1 / FIG. 1

(56) Documents Cited :
CN101235391 A
CN 101724661 A
CN102094045 A
CN 101633940 A
CN 103509713 A
JP 2011-30504 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4882

(21) **Application No :** AP/P/2016/009181

(22) **Filing Date :** 05.11.2014

(24) (45) **Date of Grant & Publication :** 18/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	13192177.7	08.11.2013

(84) **Designated States:** KE

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(74) **Representative**
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(51) **International Classification :** C07D 413/04 (2006.01) A61K 31/513 (2006.01) A61P 9/00 (2006.01)

(54) **Title**

SALTS OF 1-(3-METHYL-2-OXO-2,3-DIHYDRO-1,3-BENZOXAZOL-6-YL)-2,4-DIOXO-3-[(1R)- 4-(TRIFLUORMETHYL)-2,3-DIHYDRO-1H-INDEN-1-YL]-1,2,3,4-TETRAHYDROPYRIMIDIN-5-CARBOXYLIC ACID

(57) **Abstract**

The invention relates to novel salts of 1-(3-methyl-2-oxo-2,3-dihydro-1,3-benzoxazol-6-yl)-2,4-dioxo-3-[(1R)- 4-(trifluormethyl)-2,3-dihydro-1H-inden-1-yl] -1,2,3,4-tetrahydropyrimidin-5-carboxylic acid of the formula (I), in particular amino acid salts such as lysine salt and alkali metal salts such as sodium salt and potassium salt, to a method for producing same, to medication containing same, and to the use thereof in treating diseases.

(56) **Documents Cited :** WO 2013/167495 A1 US 2004/019068 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4883

(21) Application No : AP/P/2016/009624

(22) Filing Date : 16.06.2015

(24) Date of Grant & (45) Publication : 18/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1410883.1	18.06.2014

(84) Designated States:
ZW

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(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : C22B 11/00 (2006.01)

(54) Title
INTERSEPARATION OF METALS

(57) Abstract

The present invention relates to processes for separating metals, and in particular for separating precious metals such as platinum and palladium, by solvent extraction. The present invention also provides novel solvent extraction mixtures useful in the processes of the present invention. The present inventors have found that by simultaneously employing different extraction mechanisms for the extraction of a plurality of different metals, a simple and convenient process for their separation can be achieved. In particular, the present inventors have found that the use of different extraction mechanisms for simultaneously extracting metals from an aqueous acidic phase into an organic phase enables the extracted metals to be separated by selective stripping from the organic phase using simple and mild conditions. This process is particularly advantageous as it permits two or more metals to be separated following a single solvent extraction step, because of the ability to selectively strip the metals from the organic phase.

(56) Documents Cited : MEN'SHIKOV et al US 2010/095807 A1; FRITSCH E et al; CLEARE et al; EDTMAIER C et al; MA ENXIN et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4884

(21) **Application No :** AP/P/2016/009536

(22) **Filing Date :** 26.03.2015

(24) (45) **Date of Grant & Publication :** 20/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	14161820.7	26.03.2014

(84) **Designated States:**

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

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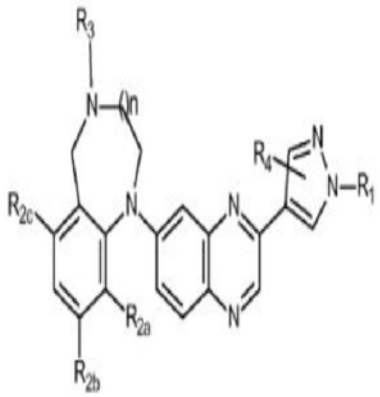
(51) **International Classification :** C07D 403/14 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)

(54) **Title**

QUINOXALINE DERIVATIVES USEFUL AS FGFR KINASE MODULATORS

(57) **Abstract**

The invention relates to new quinoxaline derivative compounds of formula (I), to pharmaceutical compositions comprising said compounds, to processes for the preparation of said compounds and to the use of said compounds in the treatment of diseases, e.g. cancer.



(56) **Documents Cited :** WO 2012/073017 A1 WO 2011/135376 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4885

(21) Application No : AP/P/2017/009964

(22) Filing Date : 21.12.2015

(24) Date of Grant & (45) Publication : 20/09/2019

(30) Priority Data

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

(84) Designated States: MZ TZ

(73) Applicant(s)
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et al

(74) Representative
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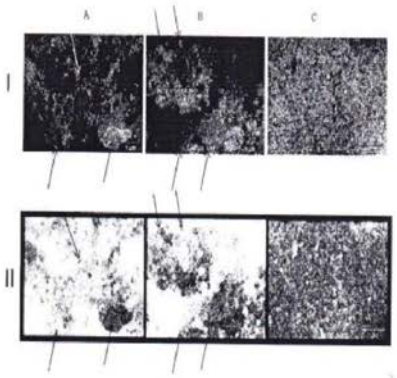
(51) International Classification :

C07C	1/02	(2006.01)	B01J	37/04	(2006.01)
C10G	2/00	(2006.01)	B01J	37/16	(2006.01)
B01J	23/74	(2006.01)	B01J	37/08	(2006.01)
B01J	23/745	(2006.01)	B01J	37/00	(2006.01)
B01J	23/75	(2006.01)	C07C	1/04	(2006.01)
B01J	23/889	(2006.01)	C07C	1/10	(2006.01)

(54) Title
METHOD FOR PREPARING A CATALYST

(57) Abstract

The invention relates to a method for preparing a catalyst or catalyst precursor comprising a catalytically active material and a carrier material. The invention relates to a catalyst particle and catalyst precursor thereof obtainable by said method. The catalyst may be used in a process for synthesising hydrocarbons.



(56) Documents Cited : US 2011/301024 A1 US 2009/298958 A1 US 2007/099797 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4886

(21) Application No : AP/P/2015/008848

(22) Filing Date : 13.05.2014

(24) Date of Grant & (45) Publication : 21/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/822463	13.05.2013
US	14/275885	13.05.2013

(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

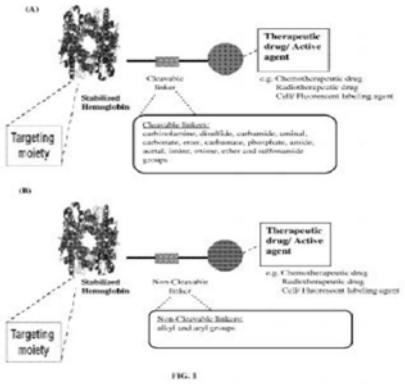
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : A61K 38/42 (2006.01)

(54) Title
PHARMACEUTICAL COMPOSITION COMPRISING MODIFIED HEMOGLOBIN-BASED THERAPEUTIC AGENT FOR CANCER TARGETING TREATMENT AND DIAGNOSTIC IMAGING

(57) Abstract

The present invention provides a pharmaceutical composition containing hemoglobin-based therapeutic agent for treating cancer. The hemoglobin moiety can target cancer cells and the therapeutic moiety (i.e. active agent/therapeutic drug) can kill the cancer cells efficiently. The hemoglobin-based therapeutic agent used in the present invention can be used in the treatment of various cancers such as pancreatic cancer, leukemia, head and neck cancer, colorectal cancer, lung cancer, breast cancer, liver cancer, nasopharyngeal cancer, esophageal cancer, prostate cancer, stomach cancer and brain cancer. The composition can be used alone or in combination with other therapeutic agent(s) such as chemotherapeutic agent to give a synergistic effect on cancer treatment, inhibiting metastasis and/or reducing recurrence. The presently claimed hemoglobin-based 5FU-two-dye conjugate and/or hemoglobin-based 5FU-one-dye conjugate can also be used in live-cell imaging and diagnostic imaging.



(56) Documents Cited :

US 5 679 777 A
US 2005/059576 A1
ZHANG N et al
US 2009/0023632 A1
EP 1 469 011 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4887

(21) Application No : AP/P/2016/009497

(22) Filing Date : 20.04.2015

(24) Date of Grant & (45) Publication : 21/09/2019

(30) Priority Data

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

(84) Designated States:
BW GH NA ZM ZW

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(74) Representative
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(51) International Classification :
C02F 9/00 (2006.01)
C02F 1/58 (2006.01)
C02F 103/10 (2006.01)
C02F 101/10 (2006.01)
C02F 1/52 (2006.01)
C02F 1/66 (2006.01)
C02F 1/00 (2006.01)

(54) Title
NEW PROCESS FOR THE TREATMENT OF HIGH SULPHATE WATERS

(57) Abstract

The present invention relates to an improved process for treating high sulphate waters. In particular, the present invention relates to an improved process by which ettringite is used to treat high sulphate waste waters by controlled precipitation of sulphate and metal ions.

(56) Documents Cited : DE 41 23 885 A1 WO 2014/033361 A1

Patents Granted (Contd.)

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

(11) Patent No : AP 4888

(21) Application No : AP/P/2016/009505

(22) Filing Date : 01.04.2015

(24) Date of Grant & (45) Publication : 21/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1405929.9	02.04.2014

(84) Designated States: GH

(73) Applicant(s)
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(74) Representative
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(51) International Classification :
A23D 9/007 (2006.01)
C11B 1/02 (2006.01)
A23L 1/30 (2006.01)
C11B 1/04 (2006.01)
A23D 9/02 (2006.01)
C11B 1/10 (2006.01)
A23D 9/06 (2006.01)

(54) Title
PROCESS FOR TREATING SHEA NUTS AND SHEA BUTTER OBTAINED

(57) Abstract

A process for treating shea nuts comprises heating shea nuts to a temperature greater than 100 °C at a pressure greater than atmospheric pressure.

(56) Documents Cited : GB 328 734 A WO 2014/0125448 A1 US 4 220 483 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4889

(21) Application No : AP/P/2016/009635

(22) Filing Date : 24.06.2015

(24) Date of Grant & (45) Publication : 21/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	62/016,242	24.06.2014

(84) Designated States:

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

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(51) International Classification : A01N 25/02 (2006.01); A01N 25/04 (2006.01); A01N 25/16 (2006.01); A01N 53/00 (2006.01); A01P 7/04 (2006.01)

(54) Title

FOAM FORMULATIONS AND EMULSIFIABLE CONCENTRATES

(57) Abstract

The present invention is directed to agricultural formulations containing an agriculturally active ingredient in a suitable solvent system for generating foam containing formulations for application in a furrow in the form of a foam. The agriculturally active ingredient may be an insecticide, a pesticide, a fungicide, an herbicide, a fertilizer, or a combination thereof.

(56) Documents Cited : WO 2011/080208 A1; WO 2013/087430 A1; EP 0 488 668 A1; US 6 180 088 B1; US 7 022 651 B1; WO 98/16106 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4890

(21) Application No : AP/P/2015/008660

(22) Filing Date : 25.02.2014

(24) Date of Grant & (45) Publication : 25/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
NL	2010362	25.02.2013

(84) Designated States: KE

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GROENEWEG Bastiaan Rinke Antony, The Netherlands
SCHROOT Joyce Hendrika, The Netherlands

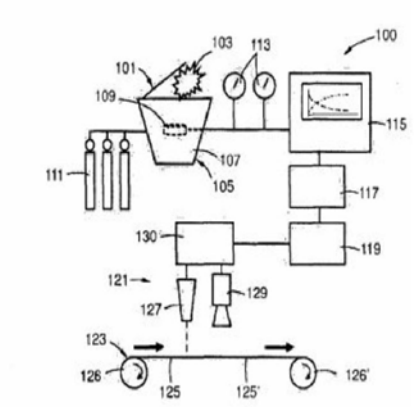
(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : B65B 25/04 (2006.01)

(54) Title
METHOD AND SYSTEM FOR PACKAGING RESPIRING PRODUCE

(57) Abstract

A method of packaging a batch of respiring produce (B) is provided, comprising the steps of: providing a batch of the produce, determining a respiration characteristic (Ri, Rj) of at least a portion of the batch for at least a first and a second substance (i, j), determining a ratio (H(i/j)) between the determined respiration characteristics for the first and second substances, and determining a desired transmission rate (TR) for a package (Pa) of a packaging material containing an amount of produce from the batch (A) and having a package atmosphere within the package. The desired transmission rate is the transmission rate for the first or the second substance and is determined based on said ratio to control a concentration of one of the first and second substances in the package atmosphere. A system is also provided.



(56) Documents Cited : US 2008/152767 A1 US 4 842 875 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4891

(21) Application No : AP/P/2016/009142

(22) Filing Date : 12.09.2014

(24) Date of Grant & (45) Publication : 25/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/877,595	13.09.2013
US	61/881,708	24.09.2013

(84) Designated States:

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

(73) Applicant(s)

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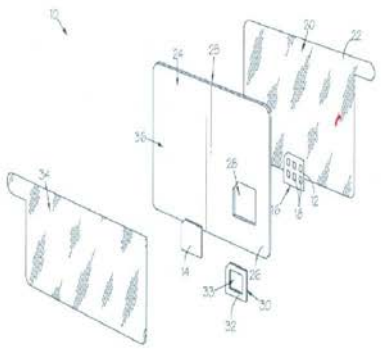
(51) International Classification : G06K 19/077 (2006.01) G06K 13/063 (2006.01)
H05K 13/04 (2006.01)

(54) Title

SIM CARD APPLICATOR AND RELATED METHOD OF OPERATION

(57) Abstract

A SIM card applicator to enable a communications processing overlay to be attached to a SIM card is provided, the SIM card comprising a plurality of SIM card pads. The overlay comprises a communications processing portion and overlay pads that allow for the communications processing portion to send/receive information to/from the SIM card, once attached. The applicator comprises a holder to releasably hold the overlay in place; and a SIM receiving body to receive the SIM card, the holder and the SIM receiving body being arranged to correctly align and secure the communications processing portion of the overlay and the SIM card pads of the SIM card, wherein the overlay can be removed or separated from the holder, thereby resulting in the communications processing portion of the overlay being correctly aligned and secured to the SIM card pads, so as to define a modified SIM card for use in a mobile device.



(56) Documents Cited : EP 2068274 A1 US 2006/0175417 A1 WO 2007/081382 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4892

(21) Application No : AP/P/2016/009539

(22) Filing Date : 05.05.2015

(24) Date of Grant & (45) Publication : 25/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/988,632	05.05.2014

(84) Designated States: GH LR SL ZM ZW

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(74) Representative
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(51) International Classification : C10L 9/08 (2006.01) C10L 5/36 (2006.01) C10L 5/44 (2006.01)

(54) Title
COMBINED REMEDIATION BIOMASS AND BIO-PRODUCT PRODUCTION PROCESS

(57) Abstract

A method, for mitigating an environmental condition, may include assessing a geographic area with which the environmental condition is associated; and creating a plan to mitigate the environmental condition. The plan may identify a bio-crop for mitigating the environmental condition and a bio-product to be produced from the bio-crop. The method may also include planting the bio-crop in soil that is located within the geographical area. The bio-crop may be planted in a manner that enables the environmental condition to be mitigated. The method may further include harvesting the bio-crop based on planting the bio-crop; processing the harvested bio-crop to obtain biomass; producing the bio-product based on the biomass; and outputting the bio-product based on producing the bio-product.

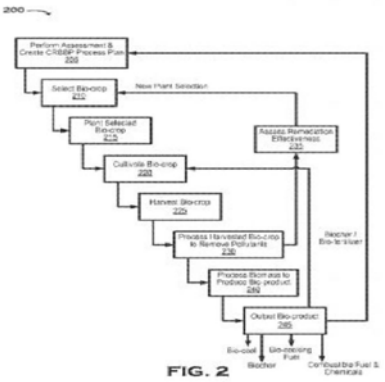


FIG. 2

(56) Documents Cited : US 2014/0069003 A1 US 2013/0333067 A1 US 2011/0023565 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4893

(21) **Application No :** AP/P/2016/009343

(22) **Filing Date :** 30.12.2014

(24) (45) **Date of Grant & Publication :** 27/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	61/922,616	31.12.2013

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

(73) **Applicant(s)**
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LORSBACH Beth, United States of America

(74) **Representative**
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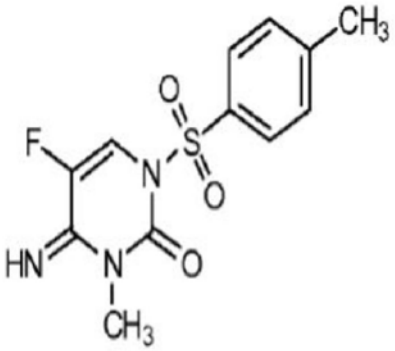
(51) **International Classification :** A01N 43/54 (2006.01)

(54) **Title**

SYNERGISTIC FUNGICIDAL MIXTURES FOR FUNGAL CONTROL IN CEREALS

(57) **Abstract**

A fungicidal composition containing a fungicidally effective amount of the compound of Formula I: 5-fluoro-4-imino-3-methyl-1-tosyl-3,4-dihydropyrimidin-2(1H)-one, and at least one fungicide selected from the group consisting of: prothioconazole, epoxiconazole, cyproconazole, myclobutanil, metconazole, difenoconazole, propiconazole, fluquinconazole, and flutriafol provides synergistic control.



(56) **Documents Cited :** US2011263627 A1 US2011034493 A1 US2011053891 A1 US4009272 A WO2014105845 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4894

(21) Application No : AP/P/2016/009134

(22) Filing Date : 10.10.2014

(24) Date of Grant & (45) Publication : 28/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13188910.7	16.10.2013

(84) Designated States: KE TZ

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(74) Representative
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(51) International Classification : H01L 23/522 (2006.01) H01F 21/12 (2006.01) H03B 5/12 (2006.01)

(54) Title
TUNABLE INDUCTOR ARRANGEMENT, TRANSCEIVER, METHOD AND COMPUTER PROGRAM

(57) Abstract

A tunable inductor arrangement arrangable on a chip or substrate is disclosed. The tunable inductor comprises a first winding part connected at one end to a first input of the tunable inductor arrangement, a second winding part connected at one end to the other end of the first winding part, a third winding part connected at one end to a second input of the tunable inductor arrangement, a fourth winding part connected at one end to the other end of the third winding part, and a switch arrangement arranged to tune the tunable inductor arrangement by selectively provide a circuit either comprising the first and fourth winding parts in parallel and the second and third winding parts in parallel, with the parallel couplings in series between the first and second inputs, or a circuit comprising the first, second, fourth and third winding parts in series between the first and second inputs. A transceiver, communication device, method and computer program are also disclosed.

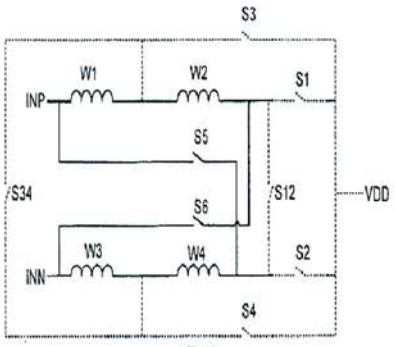


Fig. 1

(56) Documents Cited : US 2012/0286889 WO 03052780 WO 2007/006867

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4895

(21) Application No : AP/P/2016/009258

(22) Filing Date : 18.11.2014

(24) Date of Grant & (45) Publication : 28/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CL	3315-2013	19.11.2013

(84) Designated States: BW MZ NA TZ UG ZM

(73) Applicant(s)
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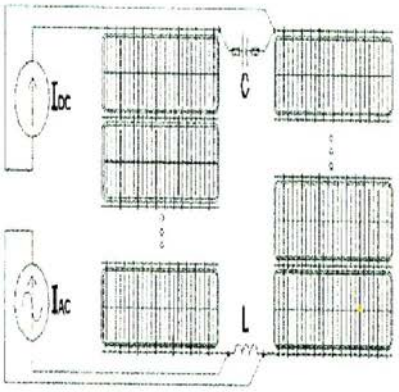
(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : C25C 7/06 (2006.01) H02J 15/00 (2006.01)

(54) Title
METHOD OF SUPERIMPOSING ALTERNATING CURRENT ON DIRECT CURRENT IN ELECTROLYTIC METHODS

(57) Abstract

The invention concerns a method of superimposing alternating current on the direct current fed to a group of electrolytic cells for the electrowinning or electrorefining of copper and other products. The invention is characterized by: (a) the incorporation of an inductor which is connected between the terminals of the intermediate cells of the electrolytic cell group and the functions of which are to act as an alternating current filter and as a means of conducting direct current; (b) the incorporation of a capacitor which is connected in parallel to the original direct current source and the functions of which are to act as a means of conducting alternating current and as a direct current filter; and (c) the incorporation of an alternating current source which is connected at the terminals of an inductor disposed at the central point of the electrolytic cell group.



(56) Documents Cited : FR 1178179 A US 6179984 B1 US 4170739 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4896

(21) Application No : AP/P/2016/009355

(22) Filing Date : 08.01.2015

(24) Date of Grant & (45) Publication : 28/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	14154171.4	06.02.2014

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

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(74) Representative
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(51) International Classification : A61K 9/00 (2006.01) A61K 31/122 (2006.01)

(54) Title
TREATMENT OF EAST COAST FEVER

(57) Abstract

An intra-ruminal bolus for oral administration to a ruminant animal such as a bovine animal, particularly a calf, comprises buparvaquone in a bolus formulation. The bolus is used to treat East Coast fever and Tropical theileriosis.

(56) Documents Cited : Muraguri et al Gantala et al Mantyla A et a

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4897

(21) Application No : AP/P/2016/009295

(22) Filing Date : 16.12.2014

(24) Date of Grant & (45) Publication : 29/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
FI	20136286	18.12.2013

(84) Designated States:
ZM

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VIRTANEN Henri K, Finland

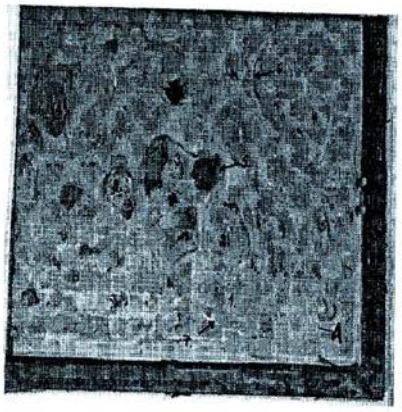
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : C25C 7/02 (2006.01) C25F 3/06 (2006.01)

(54) Title
METHOD FOR MAINTENANCE OF USED PERMANENT CATHODE PLATES

(57) Abstract

A method for maintenance of used permanent cathode plates, said used cathode plate having scratches, crud formations and oversize grain boundaries on a surface of the cathode plate. The method comprises removing of scratches and accumulated crud from the surface of the cathode plate. The method further comprises removing substantially completely the oversize grain boundaries from the surface, and thereafter regenerating the grain boundaries of the surface of the cathode plate to an average grain boundary width of 1 to 3 µm and an average grain boundary depth less than 1 µm.



(56) Documents Cited : EP 1 531 014 A2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4898

(21) Application No : AP/P/2016/009494

(22) Filing Date : 13.03.2015

(24) Date of Grant & (45) Publication : 29/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/953,628	14.03.2014

(84) Designated States:

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

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(51) International Classification :
A61K 47/12 (2006.01)
A61K 47/34 (2006.01)
A61K 9/51 (2006.01)
A61K 47/28 (2006.01)
A61K 9/107 (2006.01)
A61K 31/5377(2006.01)

(54) Title

THERAPEUTIC NANOPARTICLES COMPRISING A THERAPEUTIC AGENT AND METHODS OF MAKING AND USING SAME

(57) Abstract

The present disclosure generally relates to nanoparticles comprising a substantially hydrophobic acid and a therapeutic agent (1-(4-{[4-(dimethylamino)piperidin-1-yl]carbonyl}phenyl)-3-[4-(4,6-dimorpholin-4-yl-1,3,5-triazin-2-yl)phenyl]urea), or pharmaceutically acceptable salts thereof, and a polymer. Other aspects include methods of making and using such nanoparticles.

(56) Documents Cited : US2010068285 A1 Venkatesan A M et al

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
B03D 1/02 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01)	AP/P/2016/009050	AP 4875	PCT/EP2014/064945	EVONIK DEGUSSA GMBH
G01S 19/05 (2010.01) G01S 1/00 (2006.01) G01S 5/02 (2010.01) G01S 5/00 (2006.01)	AP/P/2016/009104	AP 4876	PCT/FI2011/050307	NOKIA CORPORATION
B01J 23/75 (2006.01) B01J 23/34 (2006.01) B01J 35/04 (2006.01) B01J 35/02 (2006.01) F01N 3/28 (2006.01) C04B 38/00 (2006.01) C07C 1/04 (2006.01) C10G 2/00 (2006.01) B29C 67/00 (2006.01) B22F 3/00 (2006.01)	AP/P/2016/009428	AP 4877	PCT/EP2015/055782	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
A01C 7/18 (2006.01) A01C 15/00 (2006.01) A01C 17/00 (2006.01)	AP/P/2015/008895	AP 4878	PCT/CA2013/000466	Clean Seed Agricultural Technologies Ltd.
C07D 417/14 (2006.01) C07D 487/04 (2006.01) A61P 31/04 (2006.01) A61K 31/427 (2006.01) A61K 31/496 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/437 (2006.01)	AP/P/2016/009374	AP 4879	PCT/US2015/022011	NOVARTIS AG
C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)	AP/P/2014/007588	AP 4880	PCT/US12/056429	AMGEN INC.
C12P 7/06 (2006.01)	AP/P/2016/009077	AP 4881	PCT/CN2014/071587	TSINGHUA UNIVERSITY
C07D 413/04 (2006.01) A61K 31/513 (2006.01) A61P 9/00 (2006.01)	AP/P/2016/009181	AP 4882	PCT/EP2014/073801	BAYER PHARMA AKTIENGESELLSCHAFT
C22B 11/00 (2006.01)	AP/P/2016/009624	AP 4883	PCT/GB2015/051762	Johnson Matthey Public Limited Company
C07D 403/14 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)	AP/P/2016/009536	AP 4884	PCT/EP2015/056507	ASTEX THERAPEUTICS LIMITED
C07C 1/02 (2006.01) B01J 37/04 (2006.01) C10G 2/00 (2006.01) B01J 37/16 (2006.01) B01J 23/74 (2006.01) B01J 37/08 (2006.01) B01J 23/745 (2006.01) B01J 37/00 (2006.01) B01J 23/75 (2006.01) C07C 1/04 (2006.01) B01J 23/889 (2006.01) C07C 1/10 (2006.01)	AP/P/2017/009964	AP 4885	PCT/EP2015/080790	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
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Classification Index of Granted Patents (Contd.)

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
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A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 25/16 (2006.01) A01N 53/00 (2006.01) A01P 7/04 (2006.01)	AP/P/2016/009635	AP 4889	PCT/US2015/037327	FMC CORPORATION
B65B 25/04 (2006.01)	AP/P/2015/008660	AP 4890	PCT/NL2014/050115	PERFO TEC B.V.
G06K 19/077 (2006.01) G06K 13/063 (2006.01) H05K 13/04 (2006.01)	AP/P/2016/009142	AP 4891	PCT/IB2014/064462	KNOWROAMING LTD
C10L 9/08 (2006.01) C10L 5/44 (2006.01) C10L 5/36 (2006.01)	AP/P/2016/009539	AP 4892	PCT/US2015/029182	Agri-Tech Producers, LLC
A01N 43/54 (2006.01)	AP/P/2016/009343	AP 4893	PCT/US2014/072745	Adama Makhteshim Ltd.
H01L 23/522 (2006.01) H03B 5/12 (2006.01) H01F 21/12 (2006.01)	AP/P/2016/009134	AP 4894	PCT/EP2014/071750	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
C25C 7/06 (2006.01) H02J 15/00 (2006.01)	AP/P/2016/009258	AP 4895	PCT/IB2014/066136	Hecker Electrónica Potencia y Procesos S.A.
A61K 9/00 (2006.01) A61K 31/122 (2006.01)	AP/P/2016/009355	AP 4896	PCT/EP2015/050233	Bimeda Amea Limited
C25C 7/02 (2006.01) C25F 3/06 (2006.01)	AP/P/2016/009295	AP 4897	PCT/FI2014/051005	OUTOTEC (FINLAND) OY
A61K 47/12 (2006.01) A61K 47/28 (2006.01) A61K 47/34 (2006.01) A61K 9/107 (2006.01) A61K 9/51 (2006.01) A61K 31/5377(2006.01)	AP/P/2016/009494	AP 4898	PCT/US2015/020343	PFIZER INC.

Patentees' Name Index of Granted Patents

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
EVONIK DEGUSSA GMBH	AP/P/2016/009050	AP 4875	PCT/EP2014/064945	B03D 1/02 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01)
NOKIA CORPORATION	AP/P/2016/009104	AP 4876	PCT/FI2011/050307	G01S 19/05 (2010.01) G01S 1/00 (2006.01) G01S 5/02 (2010.01) G01S 5/00 (2006.01)
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	AP/P/2016/009428	AP 4877	PCT/EP2015/055782	B01J 23/75 (2006.01) B01J 23/34 (2006.01) B01J 35/04 (2006.01) B01J 35/02 (2006.01) F01N 3/28 (2006.01) C04B 38/00 (2006.01) C07C 1/04 (2006.01) C10G 2/00 (2006.01) B29C 67/00 (2006.01) B22F 3/00 (2006.01)
Clean Seed Agricultural Technologies Ltd.	AP/P/2015/008895	AP 4878	PCT/CA2013/000466	A01C 7/18 (2006.01) A01C 15/00 (2006.01) A01C 17/00 (2006.01)
NOVARTIS AG	AP/P/2016/009374	AP 4879	PCT/US2015/022011	C07D 417/14 (2006.01) C07D 487/04 (2006.01) A61P 31/04 (2006.01) A61K 31/427 (2006.01) A61K 31/496 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/437 (2006.01)
AMGEN INC.	AP/P/2014/007588	AP 4880	PCT/US12/056429	C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)
TSINGHUA UNIVERSITY	AP/P/2016/009077	AP 4881	PCT/CN2014/071587	C12P 7/06 (2006.01)
BAYER PHARMA AKTIENGESELLSCHAFT	AP/P/2016/009181	AP 4882	PCT/EP2014/073801	C07D 413/04 (2006.01) A61K 31/513 (2006.01) A61P 9/00 (2006.01)
Johnson Matthey Public Limited Company	AP/P/2016/009624	AP 4883	PCT/GB2015/051762	C22B 11/00 (2006.01)
ASTEX THERAPEUTICS LIMITED	AP/P/2016/009536	AP 4884	PCT/EP2015/056507	C07D 403/14 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	AP/P/2017/009964	AP 4885	PCT/EP2015/080790	C07C 1/02 (2006.01) B01J 37/04 (2006.01) C10G 2/00 (2006.01) B01J 37/16 (2006.01) B01J 23/74 (2006.01) B01J 37/08 (2006.01) B01J 23/745 (2006.01) B01J 37/00 (2006.01) B01J 23/75 (2006.01) C07C 1/04 (2006.01) B01J 23/889 (2006.01) C07C 1/10 (2006.01)
VISION GLOBAL HOLDINGS LTD.	AP/P/2015/008848	AP 4886	PCT/US2014/037749	A61K 38/42 (2006.01)
PAXTON Richard George	AP/P/2016/009497	AP 4887	PCT/IB2015/052870	C02F 9/00 (2006.01) C02F 1/52 (2006.01) C02F 1/58 (2006.01) C02F 1/66 (2006.01) C02F 103/10 (2006.01) C02F 1/00 (2006.01) C02F 101/10 (2006.01)

Patentees' Name Index of Granted Patents (Contd.)

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Loders Croklaan B.V.	AP/P/2016/009505	AP 4888	PCT/EP2015/057260	A23D 9/007 (2006.01) A23D 9/02 (2006.01) C11B 1/02 (2006.01) C11B 1/10 (2006.01) A23L 1/30 (2006.01) A23D 9/06 (2006.01) C11B 1/04 (2006.01)
FMC CORPORATION	AP/P/2016/009635	AP 4889	PCT/US2015/037327	A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 25/16 (2006.01) A01N 53/00 (2006.01) A01P 7/04 (2006.01)
PERFO TEC B.V.	AP/P/2015/008660	AP 4890	PCT/NL2014/050115	B65B 25/04 (2006.01)
KNOWROAMING LTD	AP/P/2016/009142	AP 4891	PCT/IB2014/064462	G06K 19/077 (2006.01) G06K 13/063 (2006.01) H05K 13/04 (2006.01)
Agri-Tech Producers, LLC	AP/P/2016/009539	AP 4892	PCT/US2015/029182	C10L 9/08 (2006.01) C10L 5/44 (2006.01) C10L 5/36 (2006.01)
Adama Makhteshim Ltd.	AP/P/2016/009343	AP 4893	PCT/US2014/072745	A01N 43/54 (2006.01)
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Hecker Electrónica Potencia y Procesos S.A.	AP/P/2016/009258	AP 4895	PCT/IB2014/066136	C25C 7/06 (2006.01) H02J 15/00 (2006.01)
Bimeda Amea Limited	AP/P/2016/009355	AP 4896	PCT/EP2015/050233	A61K 9/00 (2006.01) A61K 31/122 (2006.01)
OUTOTEC (FINLAND) OY	AP/P/2016/009295	AP 4897	PCT/FI2014/051005	C25C 7/02 (2006.01) C25F 3/06 (2006.01)
PFIZER INC.	AP/P/2016/009494	AP 4898	PCT/US2015/020343	A61K 47/12 (2006.01) A61K 47/28 (2006.01) A61K 47/34 (2006.01) A61K 9/107 (2006.01) A61K 9/51 (2006.01) A61K 31/5377(2006.01)

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AP/P/2016/009050	AP 4875	PCT/EP2014/064945	EVONIK DEGUSSA GMBH	B03D 1/02 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01)
AP/P/2016/009104	AP 4876	PCT/FI2011/050307	NOKIA CORPORATION	G01S 19/05 (2010.01) G01S 1/00 (2006.01) G01S 5/02 (2010.01) G01S 5/00 (2006.01)
AP/P/2016/009428	AP 4877	PCT/EP2015/055782	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	B01J 23/75 (2006.01) B01J 23/34 (2006.01) B01J 35/04 (2006.01) B01J 35/02 (2006.01) F01N 3/28 (2006.01) C04B 38/00 (2006.01) C07C 1/04 (2006.01) C10G 2/00 (2006.01) B29C 67/00 (2006.01) B22F 3/00 (2006.01)
AP/P/2015/008895	AP 4878	PCT/CA2013/000466	Clean Seed Agricultural Technologies Ltd.	A01C 7/18 (2006.01) A01C 15/00 (2006.01) A01C 17/00 (2006.01)
AP/P/2016/009374	AP 4879	PCT/US2015/022011	NOVARTIS AG	C07D 417/14 (2006.01) C07D 487/04 (2006.01) A61P 31/04 (2006.01) A61K 31/427 (2006.01) A61K 31/496 (2006.01) A61K 31/4439 (2006.01) A61K 31/454 (2006.01) A61K 31/437 (2006.01)
AP/P/2014/007588	AP 4880	PCT/US12/056429	AMGEN INC.	C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)
AP/P/2016/009077	AP 4881	PCT/CN2014/071587	TSINGHUA UNIVERSITY	C12P 7/06 (2006.01)
AP/P/2016/009181	AP 4882	PCT/EP2014/073801	BAYER PHARMA AKTIENGESELLSCHAFT	C07D 413/04 (2006.01) A61K 31/513 (2006.01) A61P 9/00 (2006.01)
AP/P/2016/009624	AP 4883	PCT/GB2015/051762	Johnson Matthey Public Limited Company	C22B 11/00 (2006.01)
AP/P/2016/009536	AP 4884	PCT/EP2015/056507	ASTEX THERAPEUTICS LIMITED	C07D 403/14 (2006.01) A61K 31/4985 (2006.01) A61P 35/00 (2006.01)
AP/P/2017/009964	AP 4885	PCT/EP2015/080790	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	C07C 1/02 (2006.01) B01J 37/04 (2006.01) C10G 2/00 (2006.01) B01J 37/16 (2006.01) B01J 23/74 (2006.01) B01J 37/08 (2006.01) B01J 23/745 (2006.01) B01J 37/00 (2006.01) B01J 23/75 (2006.01) C07C 1/04 (2006.01) B01J 23/889 (2006.01) C07C 1/10 (2006.01)
AP/P/2015/008848	AP 4886	PCT/US2014/037749	VISION GLOBAL HOLDINGS LTD.	A61K 38/42 (2006.01)
AP/P/2016/009497	AP 4887	PCT/IB2015/052870	PAXTON Richard George	C02F 9/00 (2006.01) C02F 1/52 (2006.01) C02F 1/58 (2006.01) C02F 1/66 (2006.01) C02F 103/10 (2006.01) C02F 1/00 (2006.01) C02F 101/10 (2006.01)

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/2016/009505	AP 4888	PCT/EP2015/057260	Loders Croklaan B.V.	A23D 9/007 (2006.01) A23D 9/02 (2006.01) C11B 1/02 (2006.01) C11B 1/10 (2006.01) A23L 1/30 (2006.01) A23D 9/06 (2006.01) C11B 1/04 (2006.01)
AP/P/2016/009635	AP 4889	PCT/US2015/037327	FMC CORPORATION	A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 25/16 (2006.01) A01N 53/00 (2006.01) A01P 7/04 (2006.01)
AP/P/2015/008660	AP 4890	PCT/NL2014/050115	PERFO TEC B.V.	B65B 25/04 (2006.01)
AP/P/2016/009142	AP 4891	PCT/IB2014/064462	KNOWROAMING LTD	G06K 19/077 (2006.01) G06K 13/063 (2006.01) H05K 13/04 (2006.01)
AP/P/2016/009539	AP 4892	PCT/US2015/029182	Agri-Tech Producers, LLC	C10L 9/08 (2006.01) C10L 5/44 (2006.01) C10L 5/36 (2006.01)
AP/P/2016/009343	AP 4893	PCT/US2014/072745	Adama Makhteshim Ltd.	A01N 43/54 (2006.01)
AP/P/2016/009134	AP 4894	PCT/EP2014/071750	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	H01L 23/522 (2006.01) H03B 5/12 (2006.01) H01F 21/12 (2006.01)
AP/P/2016/009258	AP 4895	PCT/IB2014/066136	Hecker Electrónica Potencia y Procesos S.A.	C25C 7/06 (2006.01) H02J 15/00 (2006.01)
AP/P/2016/009355	AP 4896	PCT/EP2015/050233	Bimeda Amea Limited	A61K 9/00 (2006.01) A61K 31/122 (2006.01)
AP/P/2016/009295	AP 4897	PCT/FI2014/051005	OUTOTEC (FINLAND) OY	C25C 7/02 (2006.01) C25F 3/06 (2006.01)
AP/P/2016/009494	AP 4898	PCT/US2015/020343	PFIZER INC.	A61K 47/12 (2006.01) A61K 47/28 (2006.01) A61K 47/34 (2006.01) A61K 9/107 (2006.01) A61K 9/51 (2006.01) A61K 31/5377 (2006.01)

Patents Renewed

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 1459	AP/P/2002/002472	06.09.2019	06.10.2020	19th yr
AP 1585	AP/P/2002/002489	04.09.2019	29.09.2020	19th yr
AP 1712	AP/P/2003/002774	04.09.2019	28.09.2020	18th yr
AP 1572	AP/P/2003/002775	02.09.2019	28.09.2020	18th yr
AP 1660	AP/P/2004/002976	10.08.2019	13.08.2020	17th yr
AP 1921	AP/P/2005/003257	10.09.2019	18.09.2020	16th yr
AP 1920	AP/P/2005/003271	06.09.2019	01.10.2020	16th yr
AP 1962	AP/P/2005/003464	19.09.2019	03.10.2020	14th yr
AP 1876	AP/P/2006/003584	27.09.2019	04.10.2020	15th yr
AP 2697	AP/P/2006/003595	18.09.2019	29.09.2020	15th yr
AP 2373	AP/P/2007/003888	15.08.2019	15.08.2020	14th yr
AP 2332	AP/P/2007/003906	19.08.2019	15.08.2020	14th yr
AP 2340	AP/P/2007/003922	26.08.2019	09.09.2020	14th yr
AP 2451	AP/P/2007/003950	26.09.2019	06.09.2020	14th yr
AP 2155	AP/P/2007/003961	27.09.2019	25.10.2020	14th yr
AP 2747	AP/P/2008/004435	18.09.2019	26.09.2020	13th yr
AP 2607	AP/P/2008/004441	06.09.2019	24.10.2020	13th yr
AP 2928	AP/P/2008/004591	21.08.2019	28.08.2020	11th yr
AP 2586	AP/P/2008/004611	23.08.2019	29.03.2020	13th yr
AP 2600	AP/P/2008/004701	06.09.2019	10.12.2020	11th yr
AP 2664	AP/P/2009/004769	28.08.2019	10.09.2020	12th yr
AP 2355	AP/P/2009/004770	01.09.2019	24.08.2020	12th yr
AP 2703	AP/P/2009/004830	06.09.2019	28.09.2020	12th yr
AP 2545	AP/P/2009/004850	06.09.2019	17.10.2020	12th yr
AP 2791	AP/P/2009/004852	13.09.2019	30.10.2020	12th yr
AP 2592	AP/P/2009/004865	11.09.2019	19.10.2020	12th yr
AP 2867	AP/P/2009/004996	27.08.2019	27.08.2020	12th yr
AP 3015	AP/P/2010/005223	04.09.2019	09.09.2020	11th yr
AP 2894	AP/P/2010/005224	27.08.2019	12.09.2020	11th yr
AP 2719	AP/P/2010/005226	06.09.2019	10.10.2020	11th yr
AP 3039	AP/P/2010/005227	28.08.2019	02.09.2020	11th yr
AP 3644	AP/P/2010/005326	17.09.2019	17.09.2020	11th yr
AP 2612	AP/P/2010/005348	14.08.2019	03.10.2020	11th yr
AP 2750	AP/P/2010/005517	13.09.2019	25.09.2020	10th yr
AP 2854	AP/P/2010/005519	13.09.2019	25.09.2020	10th yr
AP 3203	AP/P/2011/005596	14.08.2019	14.08.2020	10th yr
AP 2728	AP/P/2011/005616	19.08.2019	17.08.2020	10th yr
AP 3588	AP/P/2011/005629	29.08.2019	16.09.2020	10th yr
AP 3875	AP/P/2011/005630	27.09.2019	06.10.2020	10th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 2820	AP/P/2011/005639	06.09.2019	30.09.2020	10th yr
AP 3118	AP/P/2011/005640	13.09.2019	08.10.2020	10th yr
AP 3488	AP/P/2011/005648	23.08.2019	04.09.2020	10th yr
AP 3894	AP/P/2011/005667	06.09.2019	21.10.2020	10th yr
AP 3145	AP/P/2011/005678	26.09.2019	05.10.2020	10th yr
AP 3157	AP/P/2011/005698	23.09.2019	07.10.2020	10th yr
AP 3158	AP/P/2011/005699	27.09.2019	15.10.2020	10th yr
AP 3385	AP/P/2011/005769	04.09.2019	02.09.2020	10th yr
AP 3177	AP/P/2011/005770	28.08.2019	13.11.2020	10th yr
AP 2903	AP/P/2011/005826	06.09.2019	25.08.2020	13th yr
AP 4168	AP/P/2011/005892	21.08.2019	16.09.2020	8th yr
AP 3282	AP/P/2012/006139	07.08.2019	11.08.2020	9th yr
AP 4138	AP/P/2012/006150	06.09.2019	10.09.2020	9th yr
AP 3346	AP/P/2012/006191	27.09.2019	04.10.2020	9th yr
AP 3559	AP/P/2012/006243	02.09.2019	27.09.2020	9th yr
AP 4247	AP/P/2012/006262	13.09.2019	15.10.2020	9th yr
AP 3368	AP/P/2012/006266	23.09.2019	12.10.2020	9th yr
AP 3219	AP/P/2012/006430	15.08.2018	01.02.2020	8th yr
AP 3297	AP/P/2012/006500	21.08.2019	09.10.2020	7th yr
AP 4066	AP/P/2012/006507	13.09.2019	23.03.2020	8th yr
AP 3733	AP/P/2012/006508	13.09.2019	23.03.2020	8th yr
AP 3193	AP/P/2012/006623	02.09.2019	27.09.2020	9th yr
AP 3537	AP/P/2012/006652	21.08.2019	18.10.2020	7th yr
AP 3520	AP/P/2013/006703	06.09.2019	19.08.2020	8th yr
AP 3304	AP/P/2013/006704	06.09.2019	19.08.2020	8th yr
AP 4616	AP/P/2013/006736	28.08.2019	15.09.2020	13th yr
AP 4283	AP/P/2013/006764	20.09.2019	04.10.2020	8th yr
AP 4283	AP/P/2013/006764	20.09.2019	04.10.2016	4th yr
AP 3869	AP/P/2013/006789	28.08.2019	10.10.2020	8th yr
AP 3608	AP/P/2013/006808	06.09.2019	21.10.2020	8th yr
AP 3271	AP/P/2013/006817	26.09.2019	14.10.2020	8th yr
AP 3806	AP/P/2013/006833	02.09.2019	26.09.2020	8th yr
AP 4272	AP/P/2013/006844	13.09.2019	06.10.2020	9th yr
AP 3287	AP/P/2013/006866	27.09.2019	31.10.2020	8th yr
AP 3821	AP/P/2013/006891	13.09.2019	31.10.2020	8th yr
AP 3824	AP/P/2013/006991	09.08.2019	03.08.2020	8th yr
AP 4454	AP/P/2013/007027	02.09.2019	30.07.2020	7th yr
AP 4454	AP/P/2013/007027	02.09.2019	30.07.2014	1st yr
AP 4304	AP/P/2013/007160	13.09.2019	31.03.2020	7th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3887	AP/P/2013/007209	06.09.2019	25.10.2020	6th yr
AP 4306	AP/P/2013/007296	23.08.2019	01.09.2020	8th yr
AP 3926	AP/P/2013/007324	23.09.2019	12.10.2020	7th yr
AP 4532	AP/P/2014/007414	27.08.2019	13.09.2020	7th yr
AP 3963	AP/P/2014/007449	27.08.2019	14.09.2020	8th yr
AP 4269	AP/P/2014/007454	21.08.2019	29.08.2020	7th yr
AP 4628	AP/P/2014/007457	21.08.2019	29.08.2020	7th yr
AP 4365	AP/P/2014/007458	21.08.2019	29.08.2020	7th yr
AP 3879	AP/P/2014/007461	19.09.2019	29.09.2020	8th yr
AP 4547	AP/P/2014/007480	29.08.2019	13.09.2020	7th yr
AP 4631	AP/P/2014/007483	28.08.2019	07.09.2020	7th yr
AP 3713	AP/P/2014/007486	28.08.2019	06.09.2020	7th yr
AP 3487	AP/P/2014/007489	23.08.2019	06.09.2020	7th yr
AP 4437	AP/P/2014/007495	04.09.2019	06.09.2020	7th yr
AP 3656	AP/P/2014/007498	27.08.2019	14.09.2020	7th yr
AP 4348	AP/P/2014/007508	06.09.2019	12.09.2020	7th yr
AP 4458	AP/P/2014/007513	18.09.2019	26.09.2020	7th yr
AP 4051	AP/P/2014/007526	07.08.2019	16.08.2020	7th yr
AP 4240	AP/P/2014/007535	02.09.2019	26.09.2020	7th yr
AP 4343	AP/P/2014/007538	30.08.2019	05.09.2020	7th yr
AP 4492	AP/P/2014/007554	04.09.2019	29.08.2020	7th yr
AP 4555	AP/P/2014/007558	13.09.2019	16.09.2020	8th yr
AP 3842	AP/P/2014/007561	06.09.2019	02.10.2020	7th yr
AP 3843	AP/P/2014/007562	06.09.2019	02.10.2020	7th yr
AP 4191	AP/P/2014/007564	13.09.2019	12.10.2020	7th yr
AP 4584	AP/P/2014/007572	06.09.2019	17.10.2020	7th yr
AP 4494	AP/P/2014/007573	06.09.2019	17.10.2020	7th yr
AP 4682	AP/P/2014/007574	06.09.2019	17.10.2020	7th yr
AP 4196	AP/P/2014/007596	10.09.2019	10.09.2020	7th yr
AP 4478	AP/P/2014/007615	06.09.2019	05.10.2020	7th yr
AP 4619	AP/P/2014/007643	13.09.2019	18.10.2020	7th yr
AP 3494	AP/P/2014/007684	13.09.2019	05.11.2020	7th yr
AP 4266	AP/P/2014/007742	28.08.2019	30.11.2020	7th yr
AP 4635	AP/P/2014/007973	19.09.2019	24.09.2020	5th yr
AP 4400	AP/P/2014/007974	19.09.2019	24.09.2020	5th yr
AP 4418	AP/P/2014/007986	04.09.2019	04.03.2020	6th yr
AP 4336	AP/P/2014/007987	04.09.2019	04.03.2020	6th yr
AP 4337	AP/P/2014/007988	04.09.2019	04.03.2020	6th yr
AP 4420	AP/P/2014/007989	04.09.2019	04.03.2020	6th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 4090	AP/P/2014/007990	04.09.2019	04.03.2020	6th yr
AP 4136	AP/P/2014/008004	12.09.2019	14.03.2020	6th yr
AP 4136	AP/P/2014/008004	12.09.2019	14.03.2016	2nd yr
AP 3550	AP/P/2014/008028	04.09.2019	05.03.2020	6th yr
AP 4164	AP/P/2014/008038	23.09.2019	11.10.2020	7th yr
AP 4623	AP/P/2015/008231	23.08.2019	03.09.2020	6th yr
AP 4297	AP/P/2015/008287	29.08.2019	30.08.2020	6th yr
AP 4220	AP/P/2015/008304	07.08.2019	09.08.2020	6th yr
AP 3943	AP/P/2015/008308	18.09.2019	26.09.2020	6th yr
AP 3956	AP/P/2015/008312	29.08.2019	13.09.2020	6th yr
AP 4594	AP/P/2015/008314	27.08.2019	13.09.2020	6th yr
AP 4674	AP/P/2015/008331	28.08.2019	30.08.2020	6th yr
AP 4146	AP/P/2015/008333	06.09.2019	26.09.2020	6th yr
AP 4124	AP/P/2015/008345	06.09.2019	21.10.2020	10th yr
AP 4700	AP/P/2015/008348	28.08.2019	05.09.2020	6th yr
AP 4802	AP/P/2015/008351	06.09.2019	04.10.2020	6th yr
AP 4358	AP/P/2015/008370	04.09.2019	18.09.2020	6th yr
AP 4166	AP/P/2015/008378	05.09.2019	07.10.2020	6th yr
AP 4600	AP/P/2015/008391	18.09.2019	26.09.2020	6th yr
AP 4411	AP/P/2015/008395	29.08.2019	18.09.2020	6th yr
AP 4787	AP/P/2015/008469	18.09.2019	26.09.2020	6th yr
AP 4490	AP/P/2016/009079	29.08.2019	17.09.2020	5th yr
AP 4862	AP/P/2016/009080	29.08.2019	17.09.2020	5th yr
AP 4755	AP/P/2016/009122	06.09.2019	22.10.2020	5th yr
AP 4654	AP/P/2016/009124	20.09.2019	03.10.2020	5th yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2019/000170
(22) 09.09.2019
(23) 09.09.2019
(51) **G06Q20/36 (2015.01)**
G06Q20/40 (2015.01)
G06Q20/28 (2015.01)
G06Q20/10 (2015.01)
G06Q40/00 (2015.01)
G06Q20/08 (2015.01)
(54) SMART METER INVENTION
(75) CHIDYAMATAMBA Walter
(84) ZW
(96) 09.09.2019 AP/U/2019/000170

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Utility Model Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/2015/000048	09.07.2019	11.06.2020	4th yr
AP/U/2018/000128	25.08.2019	24.08.2020	1st yr
AP/U/2018/000130	25.08.2019	24.08.2020	1st yr
AP/U/2018/000131	28.08.2019	28.08.2020	1st yr
AP/U/2018/000132	28.08.2019	28.08.2020	1st yr
AP/U/2018/000133	28.08.2019	28.08.2020	1st yr
AP/U/2018/000134	27.08.2019	28.08.2020	1st yr
AP/U/2018/000141	25.08.2019	16.11.2020	1st yr
AP/U/2018/000142	25.08.2019	16.11.2020	1st yr

Utility Models Registered

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP/U/000023

(21) **Application No :** AP/U/2018/000107

(22) **Filing Date :** 12.01.2018

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

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
BW KE RW ZM ZW

(73) **Applicant(s)**
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(72) **Inventors**
PRINCE Kudzai Hwenjere, Zimbabwe

(74) **Representative**
PRINCE Kudzai Hwenjere, Zimbabwe

(51) **International Classification :** G06Q 30/02 (2006.01)

(54) **Title**
EMERGENCY REAL-TIME MOBILE CREDIT SYSTEM

(57) **Abstract**

(56) **Documents Cited :** 2/006366 (MFS AFRICA LIMITED, INTERNATIONAL SERVICES ASSIVIVA TECHNOLOGIES LIMIT

Utility Models Registered (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP/U/000024

(21) **Application No :** AP/U/2017/000106

(22) **Filing Date :** 21.12.2017

(24) (45) **Date of Grant & Publication :** 13/09/2019

(30) **Priority Data**
(33) Country (31) Number (32) Date

(84) **Designated States:**
ZW

(73) **Applicant(s)**
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(72) **Inventors**
CHEKERA Evangelista, Zimbabwe

(74) **Representative**
CHEKERA Evangelista, Zimbabwe

(51) **International Classification :** A01K 1/06 (2006.01) A01K31A01K31(2015.01) A01K 15/04 (2006.01)

(54) **Title**
CHICK BROODER RING

(57) **Abstract**

This chick brooder ring can be used by poultry by farmers to keep the chicks in a confined area from 1 to 14 days. This unit enables heat from the heat source to circulate within that specific area. This unit is made up of 8 panels of galvanized or aluminum steel sheets joined together. When opened these panels form a ring in the form of an octagon. These panels can also be folded after use for easy storage.

(56) **Documents Cited :**

GB 0 828 009 A
US 9 049 846 B2
GB 0 807 315 A
GB 0 406 340 A
GB 0 350 688 A
GB 0 365 151 A
GB 0 357 177 A
GB 0 411 467 A

Utility Models Registered (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP/U/000025

(21) **Application No :** AP/U/2018/000132

(22) **Filing Date :** 28.08.2018

(24) (45) **Date of Grant & Publication :** 28/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	2018/05281	10.08.2018

(84) **Designated States:**
GH KE MZ NA RW SD TZ UG ZM

(73) **Applicant(s)**
CHANNEL TECHNOLOGIES LIMITED, Office Suite 1305, Floor 13, Saba 1 Tower Jumeirah Lakes Tower, PO BOX 17317, Dubai, United Arab Emirates

(72) **Inventors**
HAIDAR Bassim Said, United Kingdom

(74) **Representative**
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) **International Classification :** H04W 4G06F17(2015.01) H04L 29H04L 1/(2015.01)

(54) **Title**
KEYWORD-BASED COMMUNICATION BETWEEN A MOBILE HANDSET AND A MOBILE SERVICE PLATFORM

(57) **Abstract**

A system and method for providing keyword-based communication are provided. In a method, a keyword data set including a keyword data element is defined, the keyword data element being stored in association with the keyword data set and being selected for entry into and transmission from a mobile handset so as to request initiation of a service associated with the keyword data set from a mobile service platform. A keyword data element is received from a mobile handset. It is determined whether the received keyword data element is included in the keyword data set. If the received keyword data element is included in the keyword data set, the service associated with the keyword data set is initiated. If the received keyword data element is not included in the keyword data set, the received keyword data element is evaluated for inclusion in the keyword data set.

(56) **Documents Cited :** 8/011007 (PHONE ID SP. Z OTELEPHONE NETWORKS (PRSOPRINTERNATIONAL SERVICE ASSO

Classification Index of Registered Utility Models

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
G06Q 30/02 (2006.01)	AP/U/2018/000107	AP/U/000023		PRINCE Kudzai Hwenjere
A01K 1/06 (2006.01) A01K 15/04 (2006.01) A01K31/A01K31(2015.01)	AP/U/2017/000106	AP/U/000024		CHEKERA Evangelista
H04W 4/G06F17(2015.01) H04L 29/H04L 1/(2015.01)	AP/U/2018/000132	AP/U/000025		CHANNEL TECHNOLOGIES LIMITED

Patentees' Name Index of Registered Utility Models

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
PRINCE Kudzai Hwenjere	AP/U/2018/000107	AP/U/000023		G06Q 30/02 (2006.01)
CHEKERA Evangelista	AP/U/2017/000106	AP/U/000024		A01K 1/06 (2006.01) A01K 15/04 (2006.01) A01K31/A01K31(2015.01)
CHANNEL TECHNOLOGIES LIMITED	AP/U/2018/000132	AP/U/000025		H04W 4G06F17(2015.01) H04L 29H04L 1/(2015.01)

ARIPO Application Number Index of Registered Utility Models

ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/U/2018/000107	AP/U/000023		PRINCE Kudzai Hwenjere	G06Q 30/02 (2006.01)
AP/U/2017/000106	AP/U/000024		CHEKERA Evangelista	A01K 1/06 (2006.01) A01K 15/04 (2006.01) A01K31A01K31(2015.01)
AP/U/2018/000132	AP/U/000025		CHANNEL TECHNOLOGIES LIMITED	H04W 4G06F17(2015.01) H04L 29H04L 1/(2015.01)

Utility Models Renewed

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/000011	AP/U/2016/000069	09.09.2019	04.09.2020	5th yr

DESIGNS

Design Applications Filed

(21) AP/D/2019/001413
(22) 18.09.2019
(51) **28-03 (11)**
(54) RAZOR HANDLE
(71) SUPER-MAX PERSONAL CARE PVT. LTD.
(72) YOGESH Humbirrao Mohite
(74) SAMURIWO ATTORNEYS
(84) GH, KE, TZ, UG

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(21) AP/D/2019/001414
(22) 26.09.2019
(31) F2003094
(32) 26.03.2019 (33) ZA
(51) **22-03 (11)**
(54) BOOSTER SHELL
(71) AEL MINING SERVICES LIMITED
(72) BEZUIDENHOUT Hendrick Cornelius
(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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Design Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/2015/001045	11.07.2019	01.04.2017	1st yr
AP/D/2015/001045	11.07.2019	01.04.2018	2nd yr
AP/D/2015/001045	11.07.2019	01.04.2019	3rd yr
AP/D/2015/001047	11.07.2019	22.09.2017	1st yr
AP/D/2015/001068	05.09.2019	01.12.2020	4th yr
AP/D/2018/001293	27.08.2019	26.06.2020	1st yr
AP/D/2018/001294	27.08.2019	26.06.2020	1st yr
AP/D/2018/001295	27.08.2019	26.06.2020	1st yr
AP/D/2018/001296	27.08.2019	26.06.2020	1st yr
AP/D/2018/001297	27.08.2019	26.06.2020	1st yr
AP/D/2018/001298	27.08.2019	26.06.2020	1st yr
AP/D/2018/001300	27.08.2019	26.06.2020	1st yr
AP/D/2018/001301	27.08.2019	26.06.2020	1st yr
AP/D/2018/001308	02.08.2019	08.08.2020	1st yr
AP/D/2018/001320	22.08.2019	29.08.2020	1st yr
AP/D/2018/001339	15.08.2019	24.10.2020	1st yr

Designs Registered

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

(11) **Design No :** AP/D/01077

(21) **Application No :** AP/D/2018/001356

(22) **Filing Date :** 20.12.2018

(24) **Registration Date:** 07/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	F2018/00946	20.06.2018

(84) **Designated States:** BW KE ZM

(73) **Applicant(s)**
SELECT PPE (PTY) LTD, 3 Protea Street, Aureus, Randfontein, 1759, South Africa

(72) **Creators**
BLAND Brian Trevor, South Africa

(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :** 02-03

(54) **Title**
A SUPPORT STRAP FOR A HARD HAT

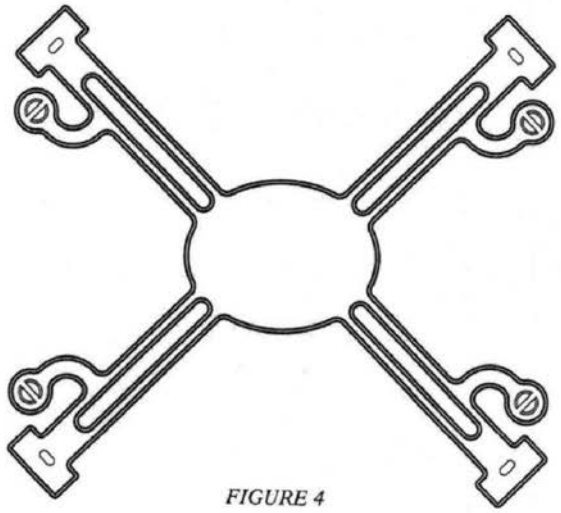


FIGURE 4

Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01078

(21) **Application No :** AP/D/2018/001357

(22) **Filing Date :** 20.12.2018

(24) **Registration Date:** 07/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	F2018/00947	20.06.2018

(84) **Designated States:**
BW KE ZM

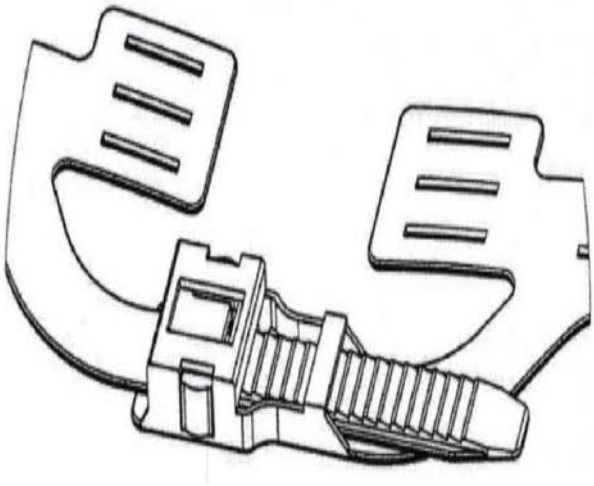
(73) **Applicant(s)**
SELECT PPE (PTY) LTD, 3 Protea Street, Aureus, Randfontein, 1759, South Africa

(72) **Creators**
BLAND Brian Trevor, South Africa

(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :** 02-03

(54) **Title**
A HEADBAND FOR A HARD HAT



Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01079

(21) **Application No :** AP/D/2018/001358

(22) **Filing Date :** 20.12.2018

(24) **Registration Date:** 07/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	F2018/00945	20.06.2018

(84) **Designated States:**
BW KE ZM

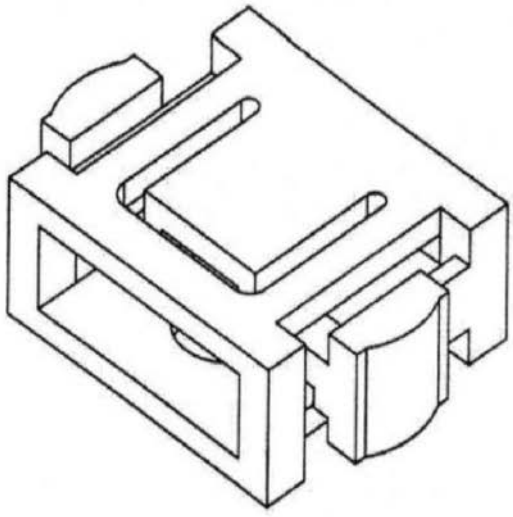
(73) **Applicant(s)**
SELECT PPE (PTY) LTD, 3 Protea Street, Aureus, Randfontein, 1759, South Africa

(72) **Creators**
BLAND Brian Trevor, South Africa

(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :** 02-03

(54) **Title**
A CLASP FOR A HARD HAT



Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01080

(21) **Application No :** AP/D/2018/001353

(22) **Filing Date :** 29.11.2018

(24) **Registration Date:** 14/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	29/649,735	01.06.2018

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

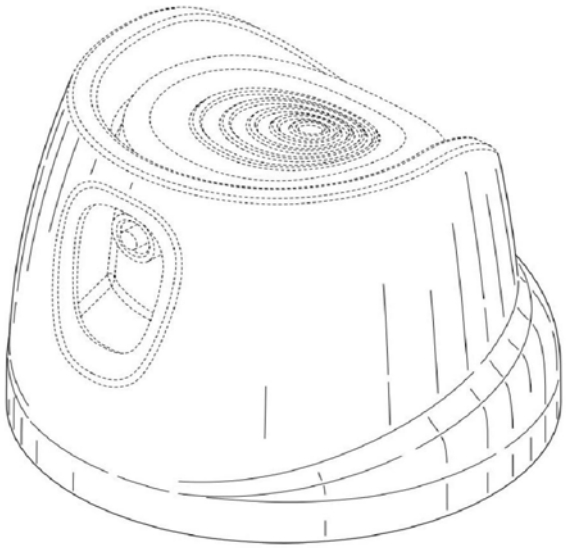
(73) **Applicant(s)**
S.C. JOHNSON & SON, INC., 1525 Howe Street, Racine, Wisconsin 53403-2236, United States of America

(72) **Creators**
FURNER Paul. E, United States of America
MATHER David P, United States of America
MATTER Jerome A, United States of America
et al

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

(51) **International Classification :** 15-01

(54) **Title**
ACTUATOR OVERCAP



Designs Registered (Contd.)

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

(11) Design No : AP/D/01081

(21) Application No : AP/D/2018/001341

(22) Filing Date : 10.10.2018

(24) Registration Date: 19/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2018/00560	10.04.2018

(84) Designated States:
BW GH KE LS MW MZ NA
SZ UG ZM ZW

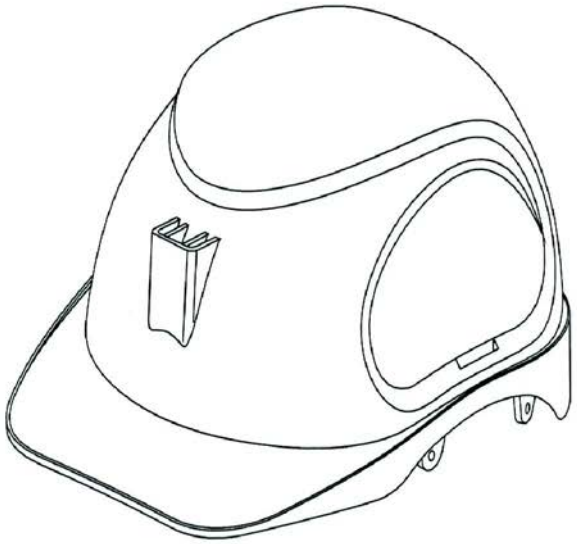
(73) Applicant(s)
SELECT PPE (PTY) LTD, 3 Protea Street, Aureus, Randfontein, 1759, South Africa

(72) Creators
BLAND Brian Trevor, South Africa

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : 02-03

(54) Title
HARD HAT



Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01082

(21) **Application No :** AP/D/2018/001342

(22) **Filing Date :** 10.10.2018

(24) **Registration Date:** 28/09/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	A2018/00556	10.04.2018

(84) **Designated States:**
BW GH KE LS MW MZ NA
SZ UG ZM ZW

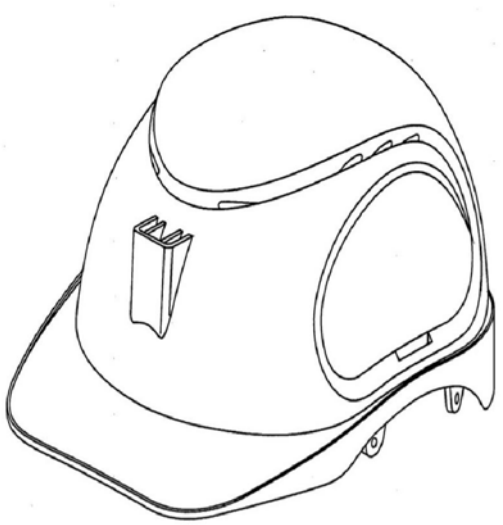
(73) **Applicant(s)**
SELECT PPE (PTY) LTD, 3 Protea Street, Aureus, Randfontein, 1759, South Africa

(72) **Creators**
BLAND Brian Trevor, South Africa

(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :** 02-03

(54) **Title**
HARD HAT



Designs Registered (Contd.)

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

(11) Design No : AP/D/01083

(21) Application No : AP/D/2018/001343

(22) Filing Date : 10.10.2018

(24) Registration Date: 28/09/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2018/00557	10.04.2018

(84) Designated States:
BW GH KE LS MW MZ NA
SZ UG ZM ZW

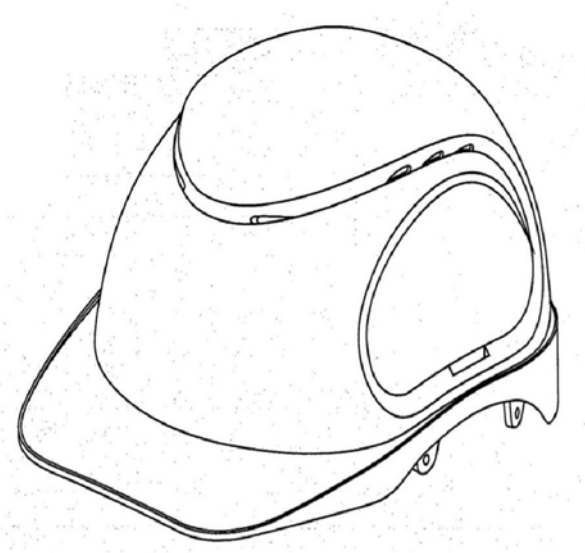
(73) Applicant(s)
SELECT PPE (PTY) LTD, 3 Protea Street, Aureus, Randfontein, 1759, South Africa

(72) Creators
BLAND Brian Trevor, South Africa

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : 02-03

(54) Title
HARD HAT



Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00290	AP/D/2011/000400	19.09.2019	23.09.2020	8th yr
AP/D/00413	AP/D/2012/000546	04.09.2019	14.09.2020	7th yr
AP/D/00416	AP/D/2012/000551	06.09.2019	12.10.2020	7th yr
AP/D/00561	AP/D/2013/000775	06.09.2019	15.10.2020	6th yr
AP/D/00564	AP/D/2012/000552	25.09.2019	15.10.2020	7th yr
AP/D/00593	AP/D/2013/000777	06.09.2019	30.10.2020	6th yr
AP/D/00594	AP/D/2013/000778	06.09.2019	30.10.2020	6th yr
AP/D/00595	AP/D/2013/000779	06.09.2019	30.10.2020	6th yr
AP/D/00600	AP/D/2012/000573	13.09.2019	21.12.2020	7th yr
AP/D/00601	AP/D/2012/000575	13.09.2019	21.12.2020	7th yr
AP/D/00696	AP/D/2014/000910	27.08.2019	15.09.2020	5th yr
AP/D/00707	AP/D/2014/000932	18.09.2019	30.10.2020	5th yr
AP/D/00708	AP/D/2014/000933	18.09.2019	30.10.2020	5th yr
AP/D/00716	AP/D/2014/000894	09.08.2019	18.08.2019	4th yr
AP/D/00716	AP/D/2014/000894	09.08.2019	18.08.2020	5th yr
AP/D/00722	AP/D/2014/000921	18.09.2019	06.10.2020	5th yr
AP/D/00745	AP/D/2015/000958	13.09.2019	11.02.2021	5th yr
AP/D/00746	AP/D/2015/000959	13.09.2019	11.02.2021	5th yr
AP/D/00759	AP/D/2014/000927	19.09.2019	24.10.2020	5th yr
AP/D/00860	AP/D/2015/000956	20.09.2019	10.02.2021	5th yr
AP/D/00861	AP/D/2015/000957	20.09.2019	10.02.2021	5th yr
AP/D/00877	AP/D/2016/001115	04.09.2019	13.05.2020	3rd yr
AP/D/00893	AP/D/2016/001131	05.08.2019	02.08.2020	3rd yr
AP/D/00899	AP/D/2016/001140	06.09.2019	15.09.2020	3rd yr
AP/D/00900	AP/D/2016/001141	06.09.2019	15.09.2020	3rd yr
AP/D/00906	AP/D/2016/001145	28.08.2019	22.09.2020	3rd yr
AP/D/00923	AP/D/2016/001148	13.09.2019	02.11.2020	3rd yr
AP/D/00974	AP/D/2017/001225	27.08.2019	12.09.2020	2nd yr
AP/D/00989	AP/D/2017/001248	20.09.2019	06.12.2020	2nd yr
AP/D/01002	AP/D/2014/000920	19.09.2019	26.09.2020	5th yr
AP/D/01003	AP/D/2011/000399	19.09.2019	23.09.2020	8th yr
AP/D/01008	AP/D/2016/001139	04.09.2019	05.09.2020	3rd yr
AP/D/01036	AP/D/2017/001236	10.09.2019	23.10.2020	2nd yr
AP/D/01037	AP/D/2017/001237	10.09.2019	23.10.2020	2nd yr
AP/D/01038	AP/D/2017/001238	10.09.2019	23.10.2020	2nd yr
AP/D/01048	AP/D/2018/001315	19.08.2019	20.08.2020	1st yr
AP/D/01049	AP/D/2018/001316	19.08.2019	20.08.2020	1st yr
AP/D/01050	AP/D/2018/001319	19.08.2019	20.08.2020	1st yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/01051	AP/D/2018/001318	19.08.2019	20.08.2020	1st yr
AP/D/01052	AP/D/2018/001317	19.08.2019	20.08.2020	1st yr
AP/D/01064	AP/D/2018/001309	27.08.2019	09.08.2020	1st yr
AP/D/01065	AP/D/2018/001311	27.08.2019	09.08.2020	1st yr
AP/D/01066	AP/D/2018/001313	27.08.2019	16.08.2020	1st yr
AP/D/01067	AP/D/2018/001314	27.08.2019	16.08.2020	1st yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR03177/UG	21/06/2013	UG	State-of the-art-searches	THE REGISTRAR GENERAL UGANDA	Reinforced handles attached to a flap inset of a garment
SR04268/UG	31/05/2017	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	Uganda New Patent Application No. UG/P/2016/000015 titled 'Barebo Sorghum Wine' in the name of Mr. Barebwoha Thomas
SR04548/UG	02/02/2018	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	NATIONAL WATER & SEWERAGE CORPORATION IN THE NAME OF JOHN W kATANDE
SR04836/NA	14/11/2018	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	Sorghum Tea
SR04870/UG	19/12/2018	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	System and method of enabling electronic transfer of digital money using online chat /electronic mail account with an inbuilt forex Bureau in the name of Bucxs Limited.
SR04872/RW	19/12/2018	RW	Substantive Examination	RWANDA DEVELOPMENT BOARD	Request for substantive Examination
SR04873/RW	19/12/2018	RW	Substantive Examination	RWANDA DEVELOPMENT BOARD	Request for substantive Examination
SR04929/UG	26/02/2019	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	BRAIN SUSPENDER AND FIX CONTAINER in the name of DR. GERALDINE OWOR
SR05005/NA	20/05/2019	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	New Convention Patent Application in the name of ROSS,Michael Peter claiming priority from ZA 2018/02559 dated 18 April 2018 entitled NET GUN
SR05022/GH	04/06/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Search and Substantive Examination -PROVIDING A MOBILE TO A PREPAID SUBSCRIBER IN ADVANCE OF PAYMENT
SR05045/NA	03/07/2019	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	SHOOTECC ENGINEERING PREPAYMENT SUB-METERING AND VENDING (SE-PSM&V) SYSTEM
SR05046/NA	03/07/2019	NA	Substantive Examination	BUSINESS and INTELLECTUAL PROPERTY AUTHORITY (BIPA)	A TYPE OF CONTAINER
SR05051/GH	04/07/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	MULTI-PURPOSE FILL AND CIRCULATE WELL TOOL in the name of BAKER HUGHES INCORPORATED
SR05056/GH	05/07/2019	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	MAXIMUM ENERGY UTILIZATION POINT TRACKING TECHNOLOGIES in the name of LT LIGHT(TAIWAN) CORPORATION
SR05121/CN	29/08/2019	CN	SDI	LE YANG	Information regarding registration fee for trademark in Malawi
SR05122/IN	29/08/2019	IN	SDI	JAYALAKASHMI D	Quote for search and registration of a trademark under one class in Zambia.
SR05123/TZ	29/08/2019	TZ	SDI	LEXGLOBE LLP	REGISTRATION OF AZAM NGANO PACKAGING LABEL IN THE NAME OF SAID SALIM BAKHRESA & CO. LTD
SR05125/SD	04/09/2019	SD	Copies of documents	NEHMZOW INGRID	Request Copy of sudenese patent documents

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR05128/UG	04/09/2019	UG	SDI	KIZZA DIANA	Information regarding company name registration
SR05129/ES	04/09/2019	ES	SDI	RUIZ CRISTINA	Request for Schedule of fees in Zambia & Zimbabwe
SR05130/IN	05/09/2019	IN	SDI	IP METRIX CONSULTING GROUP	Patent filing cost for Kenya and Democratic republic of congo (DRC)
SR05132/KE	05/09/2019	KE	Bibliographic data-including status	LUNGAHO TONY	Information on ARIPO Trademark registration
SR05134/ZW	09/09/2019	ZW	Bibliographic data-including status	BMATANGA INTELLECTUAL PROPERTY ATTORNEYS	FILING STATISTICS
SR05135/JP	09/09/2019	JP	Bibliographic data-including status	KOZO TAKEUCHI	Certificate of ARIPO trademark registration
SR05136/ZM	06/09/2019	ZM		Dench Intellectual Property Consultants	Intellectual Property Agent Registration
SR05137/NA	16/09/2019	NA		CRONJE & Co.	Patent - add an inventor
SR05138/KE	17/09/2019	KE	SDI	MUTHUI ANDREW KEN	Information regarding Patent fees
SR05140/ZW	17/09/2019	ZW	SDI	BW KAHARI	Registrability search for mark BIMBO in classes 29 & 30
SR05141/ZW	19/09/2019	ZW	SDI	MASVAURE TANYARADZWA	Trademark registration enquiry
SR05142/GH	18/09/2019	GH	SDI	KUDJAWU & CO	Request regarding patent fee schedule
SR05143/RW	20/09/2019	RW	SDI	HERWEG ANDREW	Request regarding TradeMark Question
SR05145/ZM	06/09/2019	ZM		Dench Intellectual Property Consultants	Intellectual Property Agent Registration
SR05147/KE	24/09/2019	KE		MAINA MWANGI JOHN	PATENT AGENT REGISTRATION
SR05149/ZW	23/09/2019	ZW	Bibliographic data-including status	BMATANGA INTELLECTUAL PROPERTY ATTORNEYS	Status update for trade mark application no. AP/M/1998/000124

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Fax (+263 4) 794072/3.