

ARIPO JOURNAL

The Official Industrial Property Journal of ARIPO

Vol. XXXVI, No. 1 31 January, 2019

Published Monthly
By the ARIPO Office

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:
(+2634) 794065/6/8, 794074.

Facsimile:
(+2634) 794072/3.

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
(571)	Description of the mark
(731)	Applicant's name
(740)	Representative's name

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

INID Codes For Patents

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

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

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

Data Identification Codes (Contd.)

INID Codes For Industrial Designs

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

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

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

Country/Organization Codes Used in this Issue of the Journal

Code	Country / Organization
AP	African Regional Intellectual Property Organization (ARIPO)
AU	Australia
BW	Botswana
CN	China
DE	Germany
DK	Denmark
EP	European Pantent Office
ES	Spain
GB	United Kingdom
GH	Ghana
GM	The Gambia
IN	India
JP	Japan
KE	Kenya

Code	Country / Organization
LR	Liberia
LS	Lesotho
MW	Malawi
MZ	Mozambique
NA	Namibia
RW	Rwanda
SD	Sudan
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	eSwatini
TZ	United Republic of Tanzania
UG	Uganda
US	United Sates of America
ZA	South Africa

Code	Country / Organization
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2019/003603
(220) 03.01.2019
(511) Int. Cl. 39: ZW
(731) CARDENCE INVESTIMENTS (PRIVATE) LIMITED
(740) MUDOKWENYU Tichaona Ashton
(814) ZW

(540) THE BATTERY SHOP

●●

(210) AP/M/2019/003604
(220) 03.01.2019
(511) Int. Cl. 39: BW, MW, TZ, ZW
(731) THE BATTERY WAREHOUSE (PRIVATE) LIMITED
(740) MUDOKWENYU Tichaona Ashton
(814) BW, MW, TZ, ZW

(540) THE BATTERY WAREHOUSE

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(210) AP/M/2019/003605
(220) 03.01.2019
(511) Int. Cl. 1, 3, 4, 14, 29, 30 and 31: ZW
(731) Wintrans Investments
(740) MAPOSA T.C. Innocent
(814) ZW

(540) win brands

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(210) AP/M/2019/003606
(220) 04.01.2019
(511) Int. Cl. 5 and 10: MW, TZ, UG
(731) Ferring B.V.
(740) HONEY & BLANCKENBERG
(814) MW, TZ, UG

(540) FERRING PHARMACEUTICALS

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(210) AP/M/2019/003607
(220) 04.01.2019
(511) Int. Cl. 5 and 10: TZ, UG
(731) Ferring B.V.
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) MENOPUR

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(210) AP/M/2019/003608
(220) 04.01.2019
(511) Int. Cl. 5: UG
(731) La Renon Healthcare Private Limited
(740) HONEY & BLANCKENBERG
(814) UG

(540) CIROZE

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(210) AP/M/2019/003609
(220) 04.01.2019
(511) Int. Cl. 5: TZ, UG
(731) La Renon Healthcare Private Limited
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) ENZISPOR

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(210) AP/M/2019/003610
(220) 04.01.2019
(511) Int. Cl. 5: TZ, UG, ZW
(731) La Renon Healthcare Private Limited
(740) HONEY & BLANCKENBERG
(814) TZ, UG, ZW

(540) FERRONOMIC

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(210) AP/M/2019/003611
(220) 04.01.2019
(511) Int. Cl. 5: TZ, UG, ZW
(731) La Renon Healthcare Private Limited
(740) HONEY & BLANCKENBERG
(814) TZ, UG, ZW

(540) OBEPPARALPHA

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(210) AP/M/2019/003612
(220) 07.01.2019
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Shenzhen KVD Communication Equipment Limited
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) DOOGEE

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(210) AP/M/2019/003613
(220) 04.01.2019
(511) Int. Cl. 20, 24 and 35: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Sedar Global (FZC)
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) سیدار SEDAR

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(210) AP/M/2019/003614
(220) 04.01.2019
(511) Int. Cl. 5: UG
(731) La Renon Healthcare Private Limited
(740) HONEY & BLANCKENBERG
(814) UG

(540) RENOQUE

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(210) AP/M/2019/003615
(220) 08.01.2019
(511) Int. Cl. 21: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) INTELLISHIFT (PTY) LTD
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) ICATCHI

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(210) AP/M/2019/003616
(220) 08.01.2019
(511) Int. Cl. 9: TZ, UG
(731) DRY CELL AND STORAGE BATTERY JOINT STOCK COMPANY
(740) HUSSEIN RANCHHOD & CO
(814) TZ, UG

(540) JP

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Mark Applications Filed (Contd.)

(210) AP/M/2019/003617
(220) 08.01.2019
(511) Int. Cl. 9: TZ, UG
(731) DRY CELL AND STORAGE BATTERY JOINT STOCK COMPANY
(740) HUSSEIN RANCHHOD & CO
(814) TZ, UG

(540) EAGLE

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(210) AP/M/2019/003618
(220) 08.01.2019
(511) Int. Cl. 9: TZ, UG
(731) DRY CELL AND STORAGE BATTERY JOINT STOCK COMPANY
(740) HUSSEIN RANCHHOD & CO
(814) TZ, UG

(540) PINACO

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(210) AP/M/2019/003619
(220) 08.01.2019
(511) Int. Cl. 9: TZ, UG
(731) DRY CELL AND STORAGE BATTERY JOINT STOCK COMPANY
(740) HUSSEIN RANCHHOD & CO
(814) TZ, UG

(540) PINACO

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(210) AP/M/2019/003620
(220) 09.01.2019
(511) Int. Cl. 3 and 21: LS, MW, NA, SZ, ZW
(731) D&O Incorporated (Pty) Ltd.
(740) Hardy Dereige
(814) LS, MW, NA, SZ, ZW

(540) Sponte®

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(210) AP/M/2019/003621
(220) 11.01.2019
(511) Int. Cl. 42: ZW
(731) Zimswitch Technologies Pvt. Ltd.
(740) MANHANGA Luke Terence
(814) ZW

(540) ZEEPAY

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(210) AP/M/2019/003622
(220) 11.01.2019
(511) Int. Cl. 42: ZW
(731) Zimswitch Technologies Pvt. Ltd.
(740) MANHANGA Luke Terence
(814) ZW

(540) ZIPIT

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(210) AP/M/2019/003623
(220) 17.01.2019
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SOMANI Rajesh
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) SOL

●●

(210) AP/M/2019/003624
(220) 21.01.2019
(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) FSRP

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(210) AP/M/2019/003625
(220) 18.01.2019
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SEW-EURODRIVE GmbH & Co. KG
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) MOVIMOT

●●

(210) AP/M/2019/003626
(220) 21.01.2019
(511) Int. Cl. 7: MW
(731) Shakti Pumps (India) Limited
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS (3EYES)
(814) MW

(540) SHAKTI PUMPING LIFE

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(210) AP/M/2019/003627
(220) 21.01.2019
(511) Int. Cl. 5: BW, LR, MW, NA
(731) PHARMACIA & UPJOHN COMPANY LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, MW, NA

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(210) AP/M/2019/003628
(220) 21.01.2019
(511) Int. Cl. 10: BW, LR, MW, NA
(731) PHARMACIA & UPJOHN COMPANY LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, MW, NA

(540)



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(210) AP/M/2019/003629
(220) 21.01.2019
(511) Int. Cl. 44: BW, LR, MW, NA
(731) PHARMACIA & UPJOHN COMPANY LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, MW, NA

(540)



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Mark Applications Filed (Contd.)

(210) AP/M/2019/003630
(220) 21.01.2019
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SAWARTHIA Kumar Nawal
(740) LEXGLOBE LLP
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) X-AGE

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(210) AP/M/2019/003631
(220) 22.01.2019
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) EMIRATES FIRE FIGHTING EQUIPMENT FACTORY LLC
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540)



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(210) AP/M/2019/003632
(220) 22.01.2019
(511) Int. Cl. 35: 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

●●

(210) AP/M/2019/003633
(220) 22.01.2019
(511) Int. Cl. 16, 35 and 36: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Al Khalij Commercial Bank (al khaliji) P.Q.S.C.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) الخليجي al khaliji

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(210) AP/M/2019/003634
(220) 22.01.2019
(511) Int. Cl. 35 and 41: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Supreme Committee for Delivery & Legacy
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) Road to 2022

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(210) AP/M/2019/003635
(220) 22.01.2019
(511) Int. Cl. 34: BW, LR, NA, ZW
(731) OPEN HORIZON LTD.
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, NA, ZW

(540) LEGACY

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(210) AP/M/2019/003636
(220) 25.01.2019
(511) Int. Cl. 29: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Arma Ltd.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) Arma آرما

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(210) AP/M/2019/003637
(220) 25.01.2019
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Arma Ltd.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) Zahi زاهي

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(210) AP/M/2019/003638
(220) 23.01.2019
(511) Int. Cl. 36: BW, MW, ZW
(731) EMERITUS REINSURANCE (PRIVATE) LIMITED
(740) KANTOR & IMMERMAN LEGAL PRACTITIONERS
(814) BW, MW, ZW

(540) Emeritus Reinsurance

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(210) AP/M/2019/003639
(220) 25.01.2019
(511) Int. Cl. 5, 29 and 30: TZ, UG
(731) PROMASIDOR IP HOLDINGS LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG

(540) VIT-A-EAT

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Mark Applications Abandoned

(210) AP/M/2018/003338
(220) 27.04.2018
(511) Int. Cl. 9: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) SPECTRUM TELECOM DMCC
(740) LEXGLOBE LLP
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

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Marks Pending Registration

(210) AP/M/2017/002941
(220) 01.06.2017
(511) Int. Cl. 18: BW, LR, LS, MW, NA, ST, SZ, TZ, UG
(731) FLEXWOOD ENTERPRISES (PRIVATE) LIMITED
(740) MBIDZO, MUCHADEHAMA & MAKONI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

(540) **INOS**

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(210) AP/M/2017/003043
(220) 07.07.2017
(511) Int. Cl. 32: TZ, ZW
(731) RAB PROCESSORS LIMITED
(740) RAB PROCESSORS LIMITED
(814) TZ, ZW

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(210) AP/M/2017/003097
(220) 28.09.2017
(511) Int. Cl. 3: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Debonair Trading Internacional Lda
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) SO...?

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(210) AP/M/2017/003228
(220) 19.12.2017
(511) Int. Cl. 3 and 5: TZ
(731) Spartan Chemical Company s.a.r.l.
(740) HONEY & BLANCKENBERG
(814) TZ

(540) **SEPTOL**

●●

(210) AP/M/2018/003237
(220) 04.01.2018
(511) Int. Cl. 9 and 10: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 38: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) Delft Imaging Systems BV
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **CAD4TB**

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(210) AP/M/2018/003238
(220) 03.01.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BMJ Industries FZ-LLC
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **OSCAR**

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Marks Registered

(111) AP/M/2016/002587
(151) 14.01.2019
(220) 15.02.2016
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(740) DUBE, MANIKAI & HWACHA LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

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(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, ZW

(540) **MASTER MATHS**

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Marks Renewed

Registration No.	Date Fee Paid	Valid Until	Anniversary
AP/M/2008/000770	30.11.2018	21.11.2028	10th yr
AP/M/2009/000777	14.12.2018	14.01.2029	10th yr
AP/M/2009/000785	24.01.2019	26.03.2029	10th yr
AP/M/2009/000858	14.11.2018	14.04.2029	10th yr

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A01P 7/04 (2006.01)
A01N 53/00 (2006.01)
A01N 25/22 (2006.01)
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(75) KUMAR Pratap K P
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C12N 15/861 (2006.01)
A61K 48/00 (2006.01)
C12N 15/85 (2006.01)
C12N 15/12 (2006.01)
A61K 45/00 (2006.01)
C12N 5/10 (2006.01)
C07K 19/00 (2006.01)
A61K 38/17 (2006.01)
C07K 14/47 (2015.01)
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F16L 13/02 (2006.01)
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(72) DIMITROV Dimitar Stoev
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E02B 9/08 (2006.01)
F03B 13/12 (2006.01)
F03B 17/04 (2006.01)
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B01J 23/58 (2006.01)
C01B 3/40 (2006.01)
B01J 32/00 (2006.01)
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A61K 31/198 (2006.01)
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(51) **A61P 35/00 (2006.01)**
A61P 29/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/16 (2006.01)
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A61P 25/14 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5365 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
C07D 487/04 (2006.01)
C07D 491/20 (2006.01)
C07D 498/04 (2006.01)
C07D 413/14 (2006.01)
C07D 403/14 (2006.01)
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(51) **H01M 2/20 (2006.01)**
H01M 2/30 (2006.01)
H01M 2/10 (2006.01)
H01M 10/42 (2006.01)
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A61K 38/00 (2006.01)
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C12N 7/01 (2006.01)
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A01K 43/00 (2006.01)
G01N 21/31 (2006.01)
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A61K 31/551 (2006.01)
A61K 31/454 (2006.01)
A61K 31/42 (2006.01)
A61K 31/496 (2006.01)
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C07D 417/14 (2006.01)
C07D 417/04 (2006.01)
C07D 231/40 (2006.01)
C07D 261/14 (2006.01)
C07D 417/12 (2006.01)
C07D 249/14 (2006.01)
C07D 271/113 (2006.01)
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A61P 25/00 (2006.01)
C07D 498/08 (2006.01)
A61K 31/439 (2006.01)
C07D 471/08 (2006.01)
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(71) BAYER PHARMA AKTIENGESELLSCHAFT and BAYER AKTIENGESELLSCHAFT
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(31) 15/216,599
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H04L 12/24 (2006.01)
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(72) CHANDRAN Girish
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(32) 01.07.2016 (33) EP
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C12C 1/047 (2006.01)
C12C 7/047 (2006.01)
C12C 1/027 (2006.01)
(54) REFINED CEREAL-BASED BEVERAGES
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(72) OLSEN Ole, MARRI Lucia, KRUCEWICZ Katarzyna, et al
(74) FISHER CORMACK & BOTHA
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(32) 01.07.2016 (33) AU
(51) **G01N 24/08 (2006.01)**
G01R 33/44 (2006.01)
G01V 3/32 (2006.01)
(54) DOWNHOLE DIFFUSION COEFFICIENT MEASUREMENT
(71) NMR SERVICES AUSTRALIA PTY LTD
(72) MANDAL Soumyajit, BIRT Benjamin, SCHUBERT Mathew, et al
(74) GALLOWAY & COMPANY
(84) BW
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A61F 7/02 (2006.01)
(54) DEVICE FOR HYPERTHERMIC TREATMENT OF ITCHING
(71) DERMAPHARM AG
(72) BÜNGER Daniel
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(31) 62/357,630
(32) 01.07.2016 (33) US
(51) **A61K 31/519 (2006.01)**
C07D 487/14 (2006.01)
(54) PYRIMIDINE-BASED ANTIPROLIFERATIVE AGENTS
(71) G1 Therapeutics, Inc.
(72) JUNG David and STRUM Jay Copeland
(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) 62/357,797
(32) 01.07.2016 (33) US
(51) **C07D 487/20 (2006.01)**
A61K 31/519 (2006.01)
C07D 487/14 (2006.01)
(54) Synthesis Of N-(Heteroaryl)-Pyrrolo[3,2-D]Pyrimidin-2-Amines
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(72) ZHONG Hua, DORROW Roberta L, CHEN Jian-Xie, et al
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(31) PA 2016 70485
(32) 01.07.2016 (33) DK
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C12N 15/10 (2006.01)
C12N 15/85 (2006.01)
(54) METHOD TO SCREEN FOR A MUTANT WITHIN A POPULATION OF ORGANISMS BY APPLYING A POOLING AND SPLITTING APPROACH
(71) Carlsberg A/S
(72) CARCIOFI Massimiliano, RASMUSSEN Magnus Wohlfahrt, SKADHAUGE Birgitte, et al
(74) FISHER CORMACK & BOTHA
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B01D 65/08 (2006.01)
B01D 61/04 (2006.01)
B01D 61/16 (2006.01)
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(71) SAIPEM S.A., VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT and Total SA
(72) DELAPLACE Thomas, SKIVINGTON Graeme, PEDENAUD Pierre, et al
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(51) **C07K 14/005 (2006.01)**
A61K 39/12 (2006.01)
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(32) 16.08.2016 (33) EP
(51) **A23J 1/12 (2006.01)**
C12C 5/00 (2006.01)
C12C 11/00 (2006.01)
A23J 1/00 (2006.01)
(54) A PROCESS FOR PREPARING A BEVERAGE OR BEVERAGE COMPONENT, BEVERAGE OR BEVERAGE COMPONENT PREPARED BY SUCH PROCESS, AND USE OF BREWER"S SPENT GRAINS FOR PREPARING SUCH BEVERAGE OR BEVERAGE COMPONENT
(71) ANHEUSER-BUSCH INBEV S.A.
(72) ARENDT Elke and GIL-MARTINEZ Jorge
(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) 16184254.7
(32) 16.08.2016 (33) EP
(51) **C12C 11/00 (2006.01)**
A23J 1/00 (2006.01)
A23J 1/12 (2006.01)
C12C 5/00 (2006.01)
(54) A PROCESS FOR PREPARING A BEVERAGE OR BEVERAGE COMPONENT FROM BREWER"S SPENT GRAINS
(71) ANHEUSER-BUSCH INBEV S.A.
(72) ARENDT Elke and GIL-MARTINEZ Jorge
(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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A61P 3/04 (2006.01)
C07D 498/04 (2006.01)
(54) OXADIAZOLOPYRIDINE DERIVATES FOR USE AS GHRELIN O-ACYL TRANSFERASE (GOAT) INHIBITORS
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) VINTONYAK Viktor, TRIESELMANN Thomas and GODBOUT Cédrickx
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(71) IMPALA PLATINUM LIMITED
(72) PRETORIUS Johannes Marthinus and ORELLANA CANALES Eduardo Ariel
(74) ADAMS AND ADAMS MOZAMBIQUE
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(51) **C22C 33/08 (2006.01)**
C22C 37/06 (2006.01)
C22C 29/02 (2006.01)
C22C 33/04 (2006.01)
(54) EROSION AND CORROSION RESISTANT WHITE CAST IRONS
(71) WEIR MINERALS AUSTRALIA LTD
(72) LUCEY Timothy Justin and DOLMAN Kevin Francis
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA, SL, TZ, ZM, ZW
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(32) 07.07.2016 (33) US
(51) **C07D 263/34 (2006.01)**
A61K 31/53 (2006.01)
A61P 9/00 (2006.01)
C07D 413/14 (2006.01)
C07C 209/00 (2006.01)
(54) NOVEL PROCESSES FOR PREPARATION OF SOLUBLE GUANYLATE CYCLASE STIMULATORS
(71) IRONWOOD PHARMACEUTICALS, INC.
(72) SCHAIRER Wayne C, BARDEN Timothy Claude, LIVINGSTON Robert C, et al
(74) FISHER CORMACK & BOTHA
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(32) 07.07.2016 (33) US
(51) **A61P 21/00 (2006.01)**
C07D 413/14 (2006.01)
A61K 31/4439 (2006.01)
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(71) IRONWOOD PHARMACEUTICALS, INC.
(72) NTI-ADDAE Kwame Wiredu, LIVINGSTON Robert C, XUE Song, et al
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G08B 15/00 (2006.01)
G08B 23/00 (2006.01)
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(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
(72) VALENCIA Philip and TEWS Ashley
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(32) 08.07.2016 (33) US
(51) **H04L 9/32 (2006.01)**
G06Q 20/06 (2006.01)
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(71) MASTERCARD INTERNATIONAL INCORPORATED
(72) DAVIS Steven Charles
(74) FISHER CORMACK & BOTHA
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H03M 13/11 (2006.01)
(54) RATE MATCHING METHODS FOR LDPC CODES
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(72) SANDBERG Sara, BLANKENSHIP Yufei and ANDERSSON Mattias
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(32) 22.06.2016 (33) EP
(51) **G03H 1/00 (2006.01)**
G06T 7/10 (2017.01)
G01N 21/85 (2006.01)
G01N 15/02 (2006.01)
G01N 15/10 (2006.01)
(54) DETECTING MICROSCOPIC OBJECTS IN FLUIDS
(71) UWATER Oy
(72) HÄMÄLÄINEN Esa and KESTI Tero
(74) ENSafrica Namibia
(84) BW, GH, GM, KE, MZ, NA, TZ
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(32) 22.06.2016 (33) EP
(51) **G01N 21/05 (2006.01)**
G01N 21/85 (2006.01)
G03H 1/00 (2006.01)
G01N 15/02 (2006.01)
G01N 15/10 (2006.01)
(54) ARRANGEMENT FOR IN-LINE HOLOGRAPHY MICROSCOPY
(71) UWATER Oy
(72) HÄMÄLÄINEN Esa and KESTI Tero
(74) ENSafrica Namibia
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(51) **A61K 31/506 (2006.01)**
A61P 3/00 (2006.01)
C07D 401/14 (2006.01)
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(71) PFIZER INC.
(72) PRICE David A., POLIVKOVA Jana, LONDREGAN Allyn T, et al
(74) GALLOWAY & COMPANY
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(51) **H04W 72/12 (2009.01)**
H04W 72/10 (2009.01)
H04L 5/00 (2006.01)
H04W 72/04 (2009.01)
(54) ON THE USAGE OF CONTROL RESOURCES FOR DATA TRANSMISSION
(71) NOKIA TECHNOLOGIES OY
(72) LAHETKANGAS Eeva, HAKOLA Sami-Jukka, TIIROLA Esa T, et al
(74) GALLOWAY & COMPANY
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(51) **H04L 9/08 (2006.01)**
H04L 9/32 (2006.01)
H04W 12/10 (2009.01)
H04L 29/06 (2006.01)
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(72) REN Gang, MONRAD Atle, JOHANSSON Nicklas, et al
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(32) 28.02.2017 (33) US
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(32) 28.10.2016 (33) EP
(31) 16180918.1
(32) 22.07.2016 (33) EP
(51) **A61K 31/55 (2006.01)**
A61K 31/675 (2006.01)
A61P 35/00 (2006.01)
A61K 31/407 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/519 (2006.01)
A61K 31/436 (2006.01)
(54) COMBINATION OF A BCL-2 INHIBITOR AND A MCL-1 INHIBITOR, USES AND PHARMACEUTICAL COMPOSITIONS THEREOF
(71) NOVARTIS AG and LES LABORATOIRES SERVIER
(72) MISTRY Prakash, SANGHAVI Sneha, WANG Youzhen, et al
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(71) Tropical Biosciences Pvt. Ltd.
(72) MARIMUTHU Preethi
(74) FISHER CORMACK & BOTHA
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(51) **G09B 9/00 (2006.01)**
A01F 25/00 (2006.01)
B02B 7/00 (2006.01)
(54) OPERATION ASSISTANCE SYSTEM FOR GRAIN PROCESSING FACILITY
(71) Satake Corporation
(72) HAYASHI Noriyuki and MATSUDA Masanori
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(32) 27.07.2016 (33) US
(51) **H04W 48/20 (2009.01)**
H04W 4/06 (2009.01)
H04W 48/16 (2009.01)
H04W 48/08 (2009.01)
H04W 4/18 (2009.01)
H04W 48/10 (2009.01)
(54) WIRELESS TELECOMMUNCATIONS METHODS AND APPARATUS USING SYSTEM INFORMATION VALUE TAG
(71) FG Innovation Company Limited and Sharp Kabushiki Kaisha
(72) ISHII Atsushi
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(51) **C21D 9/46 (2006.01)**
C22C 38/06 (2006.01)
C22C 38/00 (2006.01)
(54) STEEL SHEET FOR CROWN CAPS, PRODUCTION METHOD THEREFOR, AND CROWN CAP
(71) JFE Steel Corporation
(72) TSUJIMOTO Masami, UMEMOTO Masashi, KOJIMA Katsumi, et al
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(31) 62/365,956
(32) 22.07.2016 (33) US
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(32) 22.07.2016 (33) US
(51) **A01M 29/12 (2011.01)**
A01M 1/02 (2006.01)
A01M 1/04 (2006.01)
A01M 1/08 (2006.01)
A01M 29/10 (2011.01)
(54) ADAPTIVE INSECT TRAP
(71) Breakthrough Technologies, LLC
(72) JAFFREY Kamal
(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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A01H 5/04 (2006.01)
(54) HYBRID TRUE POTATO SEED
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(72) SCHRIJVER Albertus Johannes Maria and KLAVER Martinus Jacobus Theodorus
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(51) **H04L 9/32 (2006.01)**
(54) INCREASED SECURITY THROUGH EPHEMERAL KEYS FOR SOFTWARE VIRTUAL CONTACTLESS CARD IN A MOBILE PHONE
(71) Silverleap Technology Limited
(72) BANDULA Dayan Nirosha and SMITH Mathew
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(31) 62/371,602
(32) 15.08.2016 (33) US
(51) **C07D 471/04 (2006.01)**
A61P 35/00 (2006.01)
(54) PYRIDOPYRIMDINONE CDK2/4/6 INHIBITORS
(71) PFIZER INC.
(72) RUI Eugene Yuanjin, PALMER Cynthia Louise, ORNELAS Martha Alicia, et al
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 31.07.2017 PCT/İB2017/054655
(96) 31.07.2017 AP/P/2019/011312

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Patent Applications Filed (Contd.)

(21) AP/P/2019/011313
(22) 11.02.2010
(23) 31.01.2019
(31) 61/152,696
(32) 14.02.2009 (33) US
(51) **H04W 4/24 (2009.01)**
G06Q 20/00 (2006.01)
(54) SECURE PAYMENT AND BILLING METHOD USING MOBILE PHONE NUMBER OR ACCOUNT
(71) NET2TEXT LIMITED
(72) RAMMAL Karim Anwar
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW
(86) 11.02.2010 PCT/US2010/023863
(96) 11.02.2010 AP/P/2019/011313

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(21) AP/P/2019/011314
(22) 21.07.2017
(23) 31.01.2019
(31) 62/369,288
(32) 01.08.2016 (33) US
(51) **A61K 48/00 (2006.01)**
C07K 14/005 (2006.01)
A61K 47/48 (2006.01)
(54) COMPOSITIONS AND METHODS OF REPLICATION DEFICIENT ADENOVIRAL VECTORS FOR VACCINE APPLICATIONS
(71) The Wistar Institute of Anatomy and Biology
(72) ZHOU Xiang Yang and ERTL Hildegund C J
(74) FISHER CORMACK & BOTHA
(84) KE, UG
(86) 21.07.2017 PCT/US2017/043315
(96) 21.07.2017 AP/P/2019/011314

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(21) AP/P/2019/011315
(22) 24.07.2017
(23) 31.01.2019
(31) 201641025453
(32) 26.07.2016 (33) IN
(31) 16187727.9
(32) 08.09.2016 (33) EP
(51) **F25J 1/00 (2006.01)**
F25J 1/02 (2006.01)
(54) METHOD AND APPARATUS FOR COOLING DOWN A CRYOGENIC HEAT EXCHANGER
(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(72) ABOKI Umar and PARAMASIVAM Senthilkumar
(74) HONEY & BLANCKENBERG
(84) KE, MZ, TZ
(86) 24.07.2017 PCT/EP2017/068577
(96) 24.07.2017 AP/P/2019/011315

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(21) AP/P/2019/011316
(22) 14.07.2017
(23) 31.01.2019
(31) 62/362,831
(32) 15.07.2016 (33) US
(51) **A61K 39/12 (2006.01)**
A61K 39/00 (2006.01)
(54) METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST A MARBURG VIRUS INFECTION
(71) Bavarian Nordic A/S and JANSSEN VACCINES & PREVENTION B.V.
(72) DIRMEIER Ulrike, STEIGERWALD Robin, VOLKMANN Ariane, 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) 14.07.2017 PCT/İB2017/054286
(96) 14.07.2017 AP/P/2019/011316

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Patent Applications Abandoned

(21) AP/P/2015/008439
(23) 23.01.2019
(51) **A61K 31/502 (2006.01)**
C07D 495/04 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
C07D 513/04 (2006.01)
C07D 491/048 (2006.01)
C07D 237/32 (2006.01)
C07D 498/04 (2006.01)
(54) SUBSTITUTED PHTHALAZIN-1(2H)-ONE DERIVATIVES AS SELECTIVE INHIBITORS OF POLY (ADP-RIBOSE) POLYMERASE-1
(71) CADILA HEALTHCARE LIMITED
(72) PATEL Pankaj R, DESAI Ranjit C and SRIVASTAVA Brijesh K
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008439
(23) 23.01.2019
(51) **A61K 31/502 (2006.01)**
C07D 495/04 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
C07D 513/04 (2006.01)
C07D 491/048 (2006.01)
C07D 237/32 (2006.01)
C07D 498/04 (2006.01)
(54) SUBSTITUTED PHTHALAZIN-1(2H)-ONE DERIVATIVES AS SELECTIVE INHIBITORS OF POLY (ADP-RIBOSE) POLYMERASE-1
(71) CADILA HEALTHCARE LIMITED
(72) PATEL Pankaj R, DESAI Ranjit C and SRIVASTAVA Brijesh K
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/007875
(23) 24.01.2019
(51) **C07D 473/34 (2006.01)**
A61K 31/52 (2006.01)
C07D 403/12 (2006.01)
A61P 35/02 (2006.01)
(54) POLYMORPHIC FORMS OF (S) - 2 - (1 - (9H - PURIN - 6 - YLAMINO) PROPYL) - 5 - FLUORO - 3 - PHENYLQUINAZOLIN - 4 (3H) - ONE
(71) GILEAD CALISTOGA LLC
(72) CARRA Ernest, EVARTS Jerry B, SUJINO Keiko, et al
(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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Patent Applications Abandoned (Contd.)

(21) AP/P/2014/007903
(23) 24.01.2019
(51) **C07D 405/14 (2006.01)**
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 417/12 (2006.01)
C07D 405/12 (2006.01)
C07D 307/80 (2006.01)
C07D 407/12 (2006.01)
A61K 31/343 (2006.01)
C07D 409/12 (2006.01)
A61P 3/10 (2006.01)
(54) NEW INDANYLOXYDIHYDROBENZOFURANYLACETIC ACID DERIVATIVES AND THEIR USE AS GPR40 RECEPTOR AGONISTS
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) HIMMELSBACH Frank, FRATTINI Sara, ECKHARDT Matthias, et al
(74) HONEY & BLANCKENBERG
(84) BW, KE, LR, MZ, NA, TZ

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(21) AP/P/2015/008707
(23) 23.01.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/506 (2006.01)
C07D 417/14 (2006.01)
C07D 413/14 (2006.01)
C07D 413/04 (2006.01)
(54) 3-PYRIMIDIN-4-YL-OXAZOLIDIN-2-ONES AS INHIBITORS OF MUTANT IDH
(71) NOVARTIS AG
(72) ZHAO Qian, WANG Yaping, SUTTON James, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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Patent Applications Assigned

(21) AP/P/2014/007635
(23) 28.12.2018
(51) **F02F 9/28 (2006.01)**
(54) WEAR ASSEMBLY
(71) ESCO GROUP LLC
(72) STANGELAND Kelvin S, ROSSI William D, JOHNSTON Christopher A, 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

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(21) AP/P/2015/008816
(23) 09.01.2018
(51) **H02M 5/458 (2006.01)**
H02J 3/46 (2006.01)
H02M 5/14 (2006.01)
(54) METHODS AND APPARATUS FOR SUPPLYING THREE PHASE POWER
(71) TRiiiON Holdings Pty Ltd
(72) STEINBERG Shmuel
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008929
(23) 28.12.2018
(51) **E02F 9/00 (2006.01)**
(54) WEAR ASSEMBLY
(71) ESCO GROUP LLC
(72) ZENIER Scott H, COWGILL Noah, HAINLEY Chris J, 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

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(21) AP/P/2016/008972
(23) 28.12.2018
(51) **E02F 9/28 (2006.01)**
(54) CONNECTOR TO FACILITATE LIFTING OF WEAR PARTS
(71) ESCO GROUP LLC
(72) STANGELAND Kelvin S, CARPENTER Christopher M and ZENIER Scott
(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/2017/010177
(23) 28.12.2018
(51) **E02F 9/26 (2006.01)**
G08B 23/00 (2006.01)
E02F 3/00 (2006.01)
(54) MONITORING GROUND-ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT
(71) ESCO GROUP LLC
(72) BETOURNAY Jason W, LANDER Javier, HYDE Steven D, 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/2017/010255
(23) 20.09.2018
(51) **A61M 15/00 (2006.01)**
G05D 23/00 (2006.01)
A24F 47/00 (2006.01)
(54) VAPORIZER FOR VAPORIZING AN ACTIVE INGREDIENT
(71) ALTRIA CLIENT SERVICES LLC
(72) RAICHMAN Yossef
(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/2017/010307
(23) 28.01.2019
(51) **G06Q 30/00 (2006.01)**
(54) SYSTEMS AND METHODS FOR DISTRIBUTING ROUGH DIAMONDS
(71) Clara Diamond Solutions Corp.
(72) DIX Dylan and ARIEL Aaron
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, NA

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(21) AP/P/2018/010665
(23) 28.12.2018
(51) **E02F 9/28 (2006.01)**
(54) WEAR MEMBER FOR EARTH WORKING EQUIPMENT
(71) ESCO GROUP LLC
(72) HANKLAND Joel S., AMES Jared R, HODGES Geoffrey R, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA, TZ, ZM, ZW

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Patent Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2009/004939	14.12.2018	28.12.2019	11th yr
AP/P/2010/005368	07.01.2019	07.01.2011	1st yr
AP/P/2010/005368	07.01.2019	07.01.2020	10th yr
AP/P/2012/006381	07.12.2018	09.12.2019	8th yr
AP/P/2013/006877	13.12.2018	16.11.2019	6th yr
AP/P/2013/006995	04.01.2019	23.12.2019	7th yr
AP/P/2013/007009	07.01.2019	16.01.2020	7th yr
AP/P/2013/007014	09.01.2019	24.01.2020	7th yr
AP/P/2013/007019	09.01.2019	23.01.2020	7th yr
AP/P/2013/007052	11.01.2019	20.01.2020	7th yr
AP/P/2013/007107	05.12.2018	10.02.2020	7th yr
AP/P/2013/007125	14.11.2018	24.02.2020	7th yr
AP/P/2013/007294	11.01.2019	27.02.2020	7th yr
AP/P/2014/007439	11.01.2019	17.02.2020	5th yr
AP/P/2014/007635	05.12.2018	16.11.2019	6th yr
AP/P/2014/007702	28.12.2018	18.12.2019	6th yr
AP/P/2014/007728	30.11.2018	12.12.2019	6th yr
AP/P/2014/007775	19.12.2018	08.01.2020	6th yr
AP/P/2014/007787	14.12.2018	26.12.2019	6th yr
AP/P/2014/007930	19.12.2018	09.02.2020	7th yr
AP/P/2014/007951	11.01.2019	27.02.2020	6th yr
AP/P/2015/008220	12.12.2018	01.07.2019	5th yr
AP/P/2015/008263	14.12.2018	10.02.2020	4th yr
AP/P/2015/008293	12.12.2018	27.05.2020	10th yr
AP/P/2015/008467	31.12.2018	08.11.2019	5th yr
AP/P/2015/008551	03.09.2018	27.09.2019	5th yr
AP/P/2015/008556	30.11.2018	13.12.2019	5th yr
AP/P/2015/008566	04.01.2019	21.02.2020	5th yr
AP/P/2015/008572	30.11.2018	14.12.2019	6th yr
AP/P/2015/008574	19.12.2018	05.12.2019	5th yr
AP/P/2015/008590	14.12.2018	13.01.2020	5th yr
AP/P/2015/008609	19.12.2018	13.01.2020	5th yr
AP/P/2015/008615	28.12.2018	21.01.2020	5th yr
AP/P/2015/008634	20.12.2018	07.01.2020	5th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2015/008655	31.12.2018	13.02.2019	4th yr
AP/P/2015/008659	09.01.2019	24.01.2020	5th yr
AP/P/2015/008662	04.01.2019	08.01.2020	5th yr
AP/P/2015/008708	31.12.2018	04.03.2019	4th yr
AP/P/2015/008719	31.12.2018	08.03.2019	5th yr
AP/P/2015/008769	31.12.2018	01.02.2020	6th yr
AP/P/2015/008780	11.01.2019	20.03.2020	5th yr
AP/P/2015/008914	28.12.2018	10.12.2019	3rd yr
AP/P/2015/008956	12.12.2018	29.05.2020	5th yr
AP/P/2015/008959	12.12.2018	30.12.2019	3rd yr
AP/P/2016/009016	28.12.2018	21.12.2019	7th yr
AP/P/2016/009112	17.12.2018	22.03.2019	2nd yr
AP/P/2016/009112	17.12.2018	22.03.2020	3rd yr
AP/P/2016/009123	14.01.2019	19.12.2019	5th yr
AP/P/2016/009123	14.01.2019	19.12.2015	1st yr
AP/P/2016/009235	14.11.2018	27.11.2019	4th yr
AP/P/2016/009243	05.12.2018	11.11.2019	4th yr
AP/P/2016/009252	13.12.2018	09.12.2019	4th yr
AP/P/2016/009254	30.11.2018	08.12.2019	4th yr
AP/P/2016/009261	14.12.2018	05.02.2020	4th yr
AP/P/2016/009277	30.11.2018	04.12.2019	5th yr
AP/P/2016/009278	20.12.2018	06.01.2020	4th yr
AP/P/2016/009283	30.11.2018	15.12.2019	4th yr
AP/P/2016/009290	30.11.2018	04.12.2019	4th yr
AP/P/2016/009300	10.12.2018	10.12.2019	4th yr
AP/P/2016/009317	19.12.2018	20.12.2019	5th yr
AP/P/2016/009319	14.12.2018	22.12.2019	4th yr
AP/P/2016/009331	19.12.2018	08.01.2020	4th yr
AP/P/2016/009332	09.01.2019	30.01.2020	4th yr
AP/P/2016/009334	19.12.2018	28.01.2020	4th yr
AP/P/2016/009339	04.01.2019	27.01.2020	4th yr
AP/P/2016/009346	20.12.2018	07.01.2020	5th yr
AP/P/2016/009348	04.01.2019	06.01.2020	5th yr
AP/P/2016/009349	11.01.2019	11.02.2020	4th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2016/009355	19.12.2018	08.01.2020	4th yr
AP/P/2016/009356	04.01.2019	09.01.2020	4th yr
AP/P/2016/009357	31.12.2018	16.01.2019	3rd yr
AP/P/2016/009359	11.01.2019	05.02.2020	5th yr
AP/P/2016/009361	13.11.2018	18.11.2019	8th yr
AP/P/2016/009362	13.11.2018	18.11.2019	8th yr
AP/P/2016/009369	19.12.2018	21.01.2020	4th yr
AP/P/2016/009381	31.12.2018	21.01.2018	2nd yr
AP/P/2016/009381	31.12.2018	21.01.2019	3rd yr
AP/P/2016/009390	19.12.2018	23.01.2020	4th yr
AP/P/2016/009392	28.12.2018	10.12.2019	3rd yr
AP/P/2016/009393	14.12.2018	24.01.2020	4th yr
AP/P/2016/009396	28.12.2018	10.12.2019	3rd yr
AP/P/2016/009397	23.01.2019	29.01.2020	5th yr
AP/P/2016/009416	28.12.2018	26.01.2020	4th yr
AP/P/2016/009422	31.12.2018	10.02.2020	4th yr
AP/P/2016/009427	12.12.2018	26.02.2020	4th yr
AP/P/2016/009431	25.01.2019	03.02.2020	4th yr
AP/P/2016/009437	11.01.2019	25.02.2020	4th yr
AP/P/2016/009438	11.01.2019	25.02.2020	4th yr
AP/P/2016/009446	11.01.2019	21.02.2020	4th yr
AP/P/2016/009449	11.01.2019	24.02.2020	4th yr
AP/P/2016/009461	11.01.2019	24.02.2020	4th yr
AP/P/2016/009467	11.01.2019	26.02.2020	4th yr
AP/P/2016/009473	11.01.2019	03.03.2020	4th yr
AP/P/2016/009474	11.01.2019	03.03.2020	4th yr
AP/P/2016/009535	24.01.2019	27.03.2020	4th yr
AP/P/2016/009628	19.12.2018	14.12.2019	2nd yr
AP/P/2016/009659	28.12.2018	27.01.2020	3rd yr
AP/P/2017/009696	28.12.2018	18.06.2019	3rd yr
AP/P/2017/009798	19.12.2018	12.02.2020	4th yr
AP/P/2017/009909	17.12.2018	20.10.2019	3rd yr
AP/P/2017/009911	03.09.2018	27.01.2020	3rd yr
AP/P/2017/009918	19.12.2018	09.02.2020	7th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/009970	19.12.2018	11.12.2019	3rd yr
AP/P/2017/009988	30.11.2018	15.12.2019	3rd yr
AP/P/2017/010021	07.01.2019	07.12.2019	3rd yr
AP/P/2017/010022	19.12.2018	08.01.2020	3rd yr
AP/P/2017/010040	19.12.2018	02.01.2020	3rd yr
AP/P/2017/010056	28.12.2018	21.01.2020	3rd yr
AP/P/2017/010058	28.12.2018	26.01.2020	3rd yr
AP/P/2017/010059	28.12.2018	26.01.2020	3rd yr
AP/P/2017/010060	28.12.2018	26.01.2020	3rd yr
AP/P/2017/010061	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010065	19.12.2018	15.01.2020	3rd yr
AP/P/2017/010066	28.12.2018	25.01.2020	3rd yr
AP/P/2017/010068	28.12.2018	25.01.2020	3rd yr
AP/P/2017/010070	28.12.2018	25.01.2020	3rd yr
AP/P/2017/010071	28.12.2018	31.12.2019	3rd yr
AP/P/2017/010072	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010073	28.12.2018	28.01.2020	3rd yr
AP/P/2017/010074	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010075	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010076	28.12.2018	27.01.2020	3rd yr
AP/P/2017/010080	28.12.2018	21.01.2020	3rd yr
AP/P/2017/010081	28.12.2018	19.01.2020	3rd yr
AP/P/2017/010082	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010083	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010084	28.12.2018	25.01.2020	3rd yr
AP/P/2017/010087	28.12.2018	27.01.2020	3rd yr
AP/P/2017/010090	04.01.2019	25.01.2020	3rd yr
AP/P/2017/010091	12.12.2018	30.12.2019	3rd yr
AP/P/2017/010092	28.12.2018	22.01.2020	3rd yr
AP/P/2017/010093	20.12.2018	14.01.2020	3rd yr
AP/P/2017/010094	28.12.2018	19.01.2020	3rd yr
AP/P/2017/010098	19.12.2018	08.01.2020	3rd yr
AP/P/2017/010108	19.12.2018	22.01.2020	3rd yr
AP/P/2017/010114	11.01.2019	20.01.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/010124	28.12.2018	29.01.2020	3rd yr
AP/P/2017/010125	11.01.2019	03.02.2020	3rd yr
AP/P/2017/010135	03.09.2018	27.01.2020	3rd yr
AP/P/2017/010150	31.01.2019	02.02.2020	3rd yr
AP/P/2017/010155	19.12.2018	08.02.2020	3rd yr
AP/P/2017/010156	11.01.2019	01.03.2020	3rd yr
AP/P/2017/010166	19.12.2018	14.01.2020	3rd yr
AP/P/2017/010185	19.12.2018	05.02.2020	3rd yr
AP/P/2017/010186	11.01.2019	22.02.2020	3rd yr
AP/P/2017/010217	11.01.2019	13.01.2020	2nd yr
AP/P/2017/010239	11.01.2019	17.03.2020	3rd yr
AP/P/2017/010252	11.01.2019	25.03.2020	3rd yr
AP/P/2017/010326	19.12.2018	13.01.2020	3rd yr
AP/P/2017/010393	19.12.2018	15.12.2019	1st yr
AP/P/2018/010517	07.12.2018	12.07.2019	3rd yr
AP/P/2018/010664	05.12.2018	20.09.2019	2nd yr
AP/P/2018/010736	13.12.2018	08.12.2019	2nd yr
AP/P/2018/010737	17.12.2018	16.12.2019	2nd yr
AP/P/2018/010739	05.12.2018	16.11.2019	2nd yr
AP/P/2018/010795	20.12.2018	16.12.2019	2nd yr
AP/P/2018/010800	17.11.2018	16.11.2019	2nd yr
AP/P/2018/010807	14.12.2018	30.01.2020	3rd yr
AP/P/2018/010815	12.12.2018	15.12.2019	2nd yr
AP/P/2018/010831	20.12.2018	12.01.2020	2nd yr
AP/P/2018/010833	20.12.2018	12.01.2020	2nd yr
AP/P/2018/010834	20.12.2018	12.01.2020	2nd yr
AP/P/2018/010835	20.12.2018	12.01.2020	2nd yr
AP/P/2018/010836	19.12.2018	12.01.2020	2nd yr
AP/P/2018/010838	19.12.2018	12.01.2020	2nd yr
AP/P/2018/010840	19.12.2018	26.12.2019	2nd yr
AP/P/2018/010841	14.12.2018	06.01.2020	2nd yr
AP/P/2018/010843	30.11.2018	14.12.2019	2nd yr
AP/P/2018/010864	30.11.2018	02.12.2019	2nd yr
AP/P/2018/010869	12.12.2018	11.01.2020	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010871	20.12.2018	04.01.2020	2nd yr
AP/P/2018/010872	04.01.2019	05.01.2020	2nd yr
AP/P/2018/010873	04.01.2019	05.01.2020	2nd yr
AP/P/2018/010878	19.12.2018	30.12.2019	3rd yr
AP/P/2018/010880	19.12.2018	19.01.2020	2nd yr
AP/P/2018/010882	14.12.2018	30.12.2019	2nd yr
AP/P/2018/010898	24.01.2019	27.01.2020	2nd yr
AP/P/2018/010902	09.01.2019	12.01.2020	2nd yr
AP/P/2018/010903	14.12.2018	30.01.2020	2nd yr
AP/P/2018/010906	19.12.2018	20.01.2020	2nd yr
AP/P/2018/010908	19.12.2018	20.01.2020	2nd yr
AP/P/2018/010912	11.01.2019	23.01.2020	2nd yr
AP/P/2018/010919	04.01.2019	16.01.2020	2nd yr
AP/P/2018/010936	19.12.2018	27.01.2020	2nd yr
AP/P/2018/010940	19.12.2018	16.01.2020	2nd yr
AP/P/2018/010942	28.01.2019	02.02.2020	2nd yr
AP/P/2018/010947	11.01.2019	11.01.2020	2nd yr
AP/P/2018/010959	14.12.2018	03.02.2020	2nd yr
AP/P/2018/010973	11.01.2019	16.02.2020	2nd yr
AP/P/2018/010991	27.12.2018	27.12.2019	2nd yr
AP/P/2018/011016	19.12.2018	14.02.2020	2nd yr
AP/P/2018/011093	14.12.2018	13.04.2020	2nd yr
AP/P/2018/011108	07.12.2018	17.05.2019	1st yr
AP/P/2018/011119	19.12.2018	05.04.2019	1st yr
AP/P/2018/011163	19.12.2018	05.05.2020	2nd yr
AP/P/2018/011182	05.12.2018	11.05.2019	1st yr
AP/P/2018/011183	05.12.2018	31.05.2019	1st yr
AP/P/2018/011186	21.12.2018	11.05.2019	1st yr
AP/P/2018/011187	21.12.2018	22.05.2019	1st yr
AP/P/2018/011189	05.12.2018	12.05.2019	1st yr
AP/P/2018/011189	05.12.2018	12.05.2020	2nd yr
AP/P/2018/011190	05.12.2018	09.06.2019	1st yr
AP/P/2018/011192	05.12.2018	15.05.2019	1st yr
AP/P/2018/011193	28.12.2018	15.06.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011194	28.12.2018	15.06.2019	1st yr
AP/P/2018/011195	19.12.2018	24.11.2019	1st yr
AP/P/2018/011199	28.12.2018	14.12.2018	1st yr
AP/P/2018/011199	28.12.2018	14.12.2019	2nd yr
AP/P/2018/011200	28.12.2018	02.06.2019	1st yr
AP/P/2018/011202	12.12.2018	05.06.2019	1st yr
AP/P/2018/011202	12.12.2018	05.06.2020	2nd yr
AP/P/2018/011203	28.12.2018	27.06.2019	1st yr
AP/P/2018/011204	28.12.2018	25.02.2017	1st yr
AP/P/2018/011204	28.12.2018	25.02.2018	2nd yr
AP/P/2018/011204	28.12.2018	25.02.2019	3rd yr
AP/P/2018/011205	07.01.2019	11.05.2019	1st yr
AP/P/2018/011207	12.12.2018	15.06.2019	1st yr
AP/P/2018/011208	21.12.2018	21.06.2019	1st yr
AP/P/2018/011209	19.12.2018	08.06.2019	1st yr
AP/P/2018/011213	19.12.2018	09.06.2019	1st yr
AP/P/2018/011214	21.12.2018	05.07.2019	1st yr
AP/P/2018/011215	20.12.2018	04.05.2019	1st yr
AP/P/2018/011216	12.12.2018	28.05.2019	1st yr
AP/P/2018/011216	12.12.2018	28.05.2020	2nd yr
AP/P/2018/011220	19.12.2018	18.05.2019	1st yr
AP/P/2018/011220	19.12.2018	18.05.2020	2nd yr
AP/P/2018/011222	19.12.2018	17.05.2019	1st yr
AP/P/2018/011223	19.12.2018	23.05.2019	1st yr
AP/P/2018/011223	19.12.2018	23.05.2020	2nd yr
AP/P/2018/011224	14.12.2018	26.05.2019	1st yr
AP/P/2018/011225	14.12.2018	26.05.2019	1st yr
AP/P/2018/011226	14.12.2018	26.05.2019	1st yr
AP/P/2018/011227	14.12.2018	29.07.2018	1st yr
AP/P/2018/011227	14.12.2018	29.07.2019	2nd yr
AP/P/2018/011231	19.12.2018	23.06.2019	1st yr
AP/P/2018/011231	19.12.2018	23.06.2020	2nd yr
AP/P/2018/011234	14.12.2018	21.06.2019	1st yr
AP/P/2018/011236	18.12.2018	30.06.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011237	21.12.2018	20.06.2019	1st yr
AP/P/2018/011238	18.12.2018	13.07.2019	1st yr
AP/P/2018/011239	21.12.2018	08.06.2019	1st yr
AP/P/2018/011240	19.12.2018	06.06.2019	1st yr
AP/P/2018/011242	21.12.2018	20.06.2019	1st yr
AP/P/2018/011245	28.12.2018	05.06.2019	1st yr
AP/P/2018/011247	28.12.2018	09.06.2019	1st yr
AP/P/2018/011248	28.12.2018	13.07.2019	1st yr
AP/P/2018/011249	28.12.2018	07.07.2019	1st yr
AP/P/2018/011250	04.01.2019	15.06.2019	1st yr
AP/P/2018/011251	04.01.2019	16.06.2019	1st yr
AP/P/2018/011252	04.01.2019	22.06.2019	1st yr
AP/P/2019/011255	04.01.2019	29.06.2019	1st yr
AP/P/2019/011258	10.01.2019	15.06.2019	1st yr
AP/P/2019/011265	11.01.2019	07.07.2019	1st yr

Patent Applications Pending Grant

(21) AP/P/2011/005772
(22) 15.12.2009
(23) 24.01.2019
(51) **C07K 14/52 (2006.01)**
G01N 33/68 (2006.01)
G01N 33/536 (2006.01)
(54) METHOD AND DEVICE FOR DIAGNOSING TUBERCULOSIS
(74) FISHER CORMACK & BOTHA
(84) KE, MW, MZ, ZM, ZW

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(21) AP/P/2012/006215
(22) 13.04.2012
(23) 11.01.2019
(51) **A23L 1/00 (2006.01)**
A21D 13/00 (2006.01)
(54) FILLED SNACKS
(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/2012/006394
(22) 25.07.2012
(23) 14.01.2019
(51) **A23F 3/00 (2006.01)**
(54) A METHOD OF DECAFFEINATING TEA
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MW, MZ, RW, TZ, UG, ZM, ZW

●●

(21) AP/P/2014/007366
(22) 13.07.2012
(23) 18.01.2019
(51) **A63F 5/00 (2006.01)**
(54) HOLDING DEVICE FOR A ROULETTE WHEEL
(74) FISHER CORMACK & BOTHA
(84) GH, KE, TZ

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(21) AP/P/2014/007376
(22) 22.06.2012
(23) 22.01.2019
(51) **F16K 11/072 (2006.01)**
F16K 11/074 (2006.01)
F16K 11/076 (2006.01)
(54) ROTARY DISTRIBUTION APPARATUS
(74) FISHER CORMACK & BOTHA
(84) ZM, ZW

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(21) AP/P/2014/007409
(22) 24.07.2012
(23) 18.01.2019
(51) **F16L 39/00 (2006.01)**
F16L 41/02 (2006.01)
(54) T-PIECE PREFORMER
(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/2014/007657
(22) 17.12.2012
(23) 11.01.2019
(51) **C07D 311/00 (2006.01)**
(54) NOVEL BENZOPYRAN COMPOUNDS, COMPOSITIONS AND USES THEREOF
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/007929
(22) 27.03.2013
(23) 18.01.2019
(51) **B23K 35/00 (2006.01)**
B23K 35/365 (2006.01)
B23K 35/02 (2006.01)
C22C 19/00 (2006.01)
(54) METHOD FOR JOINING METAL PARTS
(74) FISHER CORMACK & BOTHA
(84) KE, TZ

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(21) AP/P/2014/008047
(22) 10.11.2014
(23) 08.01.2019
(51) **D01F 6/92 (2006.01)**
A41G 3/00 (2006.01)
(54) POLYESTER-BASED FIBER FOR ARTIFICIAL HAIR AND HAIR ORNAMENT PRODUCT INCLUDING THE SAME
(74) FISHER CORMACK & BOTHA
(84) GH, KE, LS, MZ, RW, SL, SZ, UG, ZW

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(21) AP/P/2014/008178
(22) 19.07.2013
(23) 15.01.2019
(51) **A01G 7/00 (2006.01)**
(54) ULTRASONICALLY ENHANCED SEED GERMINATION SYSTEM
(74) FISHER CORMACK & BOTHA
(84) GH, KE, LS, MZ, RW, SL, TZ, ZM

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(21) AP/P/2015/008204
(22) 12.06.2013
(23) 15.01.2019
(51) **A01H 5/04 (2006.01)**
A01H 45/06 (2006.01)
A01H 4/00 (2006.01)
(54) PLANT PROPAGATION
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008479
(22) 23.11.2012
(23) 25.01.2019
(51) **B42C 5/00 (2006.01)**
B42B 5/02 (2006.01)
B42B 5/08 (2006.01)
(54) MACHINE AND PROCESS FOR BINDING OF BOOKS FOR LAY FLAT LOOK
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) GH, KE, MZ, TZ, UG, ZW

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(21) AP/P/2015/008503
(22) 20.12.2013
(23) 15.01.2019
(51) **A61K 31/00 (2006.01)**
(54) ANTIBACTERIAL COMPOUNDS
(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/2015/008552
(22) 20.12.2013
(23) 07.01.2019
(51) **A61P 35/00 (2006.01)**
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
(54) THERAPEUTICALLY ACTIVE PYRAZOLO-PYRIMIDINE DERIVATIVES
(74) HONEY & BLANCKENBERG
(84) GH, KE, NA, TZ

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(21) AP/P/2015/008745
(22) 07.11.2014
(23) 30.01.2019
(51) **F16L 25/10 (2006.01)**
(54) SPIGOT-AND-SOCKET PIPE JOINT, INSTALLATION AND DISASSEMBLY METHOD THEREOF, INSTALLATION FIXTURE AND DISASSEMBLY TOOL
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, MW, MZ, NA, RW, SL, TZ, ZM

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(21) AP/P/2015/008814
(22) 16.05.2014
(23) 08.01.2019
(51) **C07D 207/40 (2006.01)**
A61K 31/401 (2006.01)
A61P 31/00 (2006.01)
(54) SULPHAMOYLPYRROLAMIDE 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, SZ, TZ, ZM, ZW

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Patent Applications Pending Grant (Contd.)

(21) AP/P/2015/008861
(22) 22.04.2014
(23) 09.01.2019
(51) **A61K 36/185 (2006.01)**
A61K 36/53 (2006.01)
A61K 36/07 (2006.01)
A61K 36/03 (2006.01)
A61K 33/30 (2006.01)
A61K 33/26 (2006.01)
A61K 33/06 (2006.01)
A23L 1/304 (2006.01)
A23L 1/303 (2006.01)
A23L 1/302 (2006.01)
A23L 1/30 (2006.01)
(54) COMPOSITION FOR ENHANCING IMMUNITY
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, ZM, ZW

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(21) AP/P/2015/008886
(22) 18.06.2014
(23) 28.01.2019
(51) **G06Q 20/42 (2012.01)**
(54) FINANCIAL ACCOUNT WITH GROUP AUTHORIZATION
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) GH, KE, RW, TZ, UG

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(21) AP/P/2015/008893
(22) 17.06.2014
(23) 24.01.2019
(51) **C07K 14/135 (2006.01)**
(54) STABILIZED SOLUBLE PRE-FUSION RSV F POLYPEPTIDES
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009020
(22) 16.07.2014
(23) 24.01.2019
(51) **C07D 403/14 (2006.01)**
C07D 403/10 (2006.01)
C07D 401/12 (2006.01)
C07D 401/10 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/5513 (2006.01)
A61K 31/506 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/497 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4245 (2006.01)
C07D 413/14 (2006.01)
A61K 31/41 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
(54) AUTOTAXIN INHIBITORS COMPRISING A HETEROAROMATIC RING-BENZYL-AMIDE-CYCLE CORE
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009157
(22) 26.09.2014
(23) 09.01.2019
(51) **C07D 455/02 (2006.01)**
A01N 43/90 (2006.01)
A61K 31/44 (2006.01)
(54) SUBSTITUTED QUINOLIZINE DERIVATIVES USEFUL AS HIV INTEGRASE INHIBITORS
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, NA

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(21) AP/P/2016/009332
(22) 30.01.2015
(23) 31.01.2019
(51) **G06Q 20/36 (2012.01)**
G06Q 20/40 (2012.01)
G07F 17/32 (2006.01)
(54) METHOD OF AND SYSTEM FOR GAMING
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) GH, KE, TZ

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(21) AP/P/2016/009436
(22) 25.02.2015
(23) 24.01.2019
(51) **C07D 403/14 (2006.01)**
C07D 471/04 (2006.01)
C07D 401/14 (2006.01)
(54) PHOSPHONATE COMPOUNDS FOR TREATMENT OF COMPLEMENT MEDIATED DISORDERS
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009563
(22) 12.10.2010
(23) 28.01.2019
(51) **C12P 7/10 (2006.01)**
A23K 1/06 (2006.01)
(54) PRODUCING EDIBLE RESIDUES FROM ETHANOL PRODUCTION
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009598
(22) 29.06.2015
(23) 31.01.2019
(51) **B01D 53/047 (2006.01)**
(54) METHOD FOR PROCESSING A GAS MIXTURE
(74) HONEY & BLANCKENBERG
(84) MZ, TZ

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(21) AP/P/2016/009661
(22) 01.07.2015
(23) 09.01.2019
(51) **C07D 519/00 (2006.01)**
C07D 471/04 (2006.01)
(54) QUINOLIZINONE DERIVATIVES AS PI3K INHIBITORS
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, ZM, ZW

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(21) AP/P/2017/009846
(22) 24.09.2015
(23) 24.01.2019
(51) **A61K 39/12 (2006.01)**
C12N 15/86 (2006.01)
A61K 39/21 (2006.01)
(54) METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST HUMAN IMMUNODEFICIENCY VIRUS INFECTION
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2018/011134
(22) 28.02.2018
(23) 30.01.2019
(51) **H04N 21/262 (2011.01)**
H04N 21/458 (2011.01)
H04H 60/32 (2008.01)
H04N 21/235 (2011.01)
H04N 21/254 (2011.01)
(54) SYSTEMS AND METHODS FOR CUSTOMIZING BROADCAST VIDEO
(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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Patents Granted

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

(11) Patent No : AP 4708

(21) Application No : AP/P/2015/008262

(22) Filing Date : 26.09.2013

(24) Date of Grant & (45) Publication : 02/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2012-213296	27.09.2012

(84) Designated States: TZ KE

(73) Applicant(s)
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HORIUCHI Shingo, Japan
MORI Kazutoshi, Japan
et al

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : A01H 1/02 (2006.01) A01H 4/00 (2006.01) C12N 15/09 (2006.01)

(54) Title
Cytoplasmic male sterile eustoma and a method for developing thereof

(57) Abstract

The present invention relates to a novel Eustoma having cytoplasmic male sterility and a method for breeding the same. More specifically, the present invention relates to a novel Eustoma having cytoplasmic male sterility, wherein the Eustoma substantially lacks pollen production functions due to insufficient stamen or pollen formation, and a method for breeding same.

(56) Documents Cited : JP 2001-136853 A CHAUDHURY A M et al WO 2000/025575 A1 KONCZ CSABA et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4709

(21) Application No : AP/P/2008/004615

(22) Filing Date : 02.03.2007

(24) Date of Grant & (45) Publication : 05/01/2019

(30) Priority Data

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

(84) Designated States:

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

(73) Applicant(s)

INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), 101 rue de Tolbiac, F-75013, Paris, France
et al

(72) Inventors

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FLEURY Sylvain, Switzerland

(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification : C07K 14/16 (2006.01) A61K 39/21 (2006.01)
A61K 9/127 (2006.01)

(54) Title

Virosome-like vesicles comprising GP-41 derived antigens

(57) Abstract

The present invention relates to a virosome-like vesicle comprising at least a gp41-derived antigen or an analogue thereof, said gp41-derived antigen being located to the external surface of and/or encapsulated inside said vesicle and being in a convenient configuration for conferring said virosome-like vesicle with an ability to induce an immune response against a gp41 protein of a human immunodeficiency virus (HIV).

(56) Documents Cited : WAGNER A et al CORNET B et al

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4710

(21) Application No : AP/P/2016/009083

(22) Filing Date : 10.09.2014

(24) Date of Grant & (45) Publication : 11/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
NL	2011446	16.09.2013

(84) Designated States:

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

(73) Applicant(s)

AL-S Technology B.V., Printerweg 39, NL-3821 AP Amersfoort, The Netherlands

(72) Inventors

PIETERMAN Karel, The Netherlands

(74) Representative

FISHER CORMACK & BOTHA, Malawi

(51) International Classification : B23K 11/14 (2006.01) B23K 11/18 (2006.01) B23K 11/20 (2006.01)

(54) Title

PROJECTION WELDING OF METAL SHEETS

(57) Abstract

The invention relates to projection welding of a second metal sheet above a first metal sheet (50), wherein the first metal sheet is of a non-ferrous metal or metal alloy having as main component aluminum or magnesium, wherein the first metal sheet comprises an elongate projection that locally extends above the main upper surface of the first metal sheet to come into contact with the main lower surface of the second metal sheet, wherein the projection comprises an upper surface having a convex first section (65) with a first radius (R1) that defines in its middle the top height of the upper surface with respect to the main upper surface of the first metal sheet, and a convex second section (64) with a second radius (R2) along both elongate sides that merge into the first section, wherein the first radius is larger than the second radius.

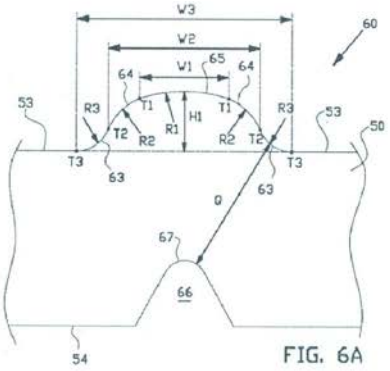


FIG. 6A

(56) Documents Cited : EP 0102927 A1 US 4495397 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4711

(21) Application No : AP/P/2014/007435

(22) Filing Date : 13.02.2014

(24) Date of Grant & (45) Publication : 12/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	13/769,107	15.02.2013

(84) Designated States:

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

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(74) Representative

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(51) International Classification : F01N 3/00 (2006.01)

(54) Title

Methods and system for cooling exhaust system components

(57) Abstract

Various methods and systems are provided for cooling exhaust system components. In one example, a method comprises directing compressed air onto an exterior of an engine exhaust passage valve.

(56) Documents Cited :

US 4,184,328 A
US 2012/0096849 A1
US 2010/0043429 A1
US 2005/0284438 A1

Patents Granted (Contd.)

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

(11) Patent No : AP 4712

(21) Application No : AP/P/2016/009642

(22) Filing Date : 04.06.2015

(24) Date of Grant & (45) Publication : 13/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
FI	20145517	05.06.2014

(84) Designated States:
NA ZM

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(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : C22B 3/26 (2006.01) C22B 11/00 (2006.01) C22B 3/00 (2006.01)

(54) Title
GOLD SOLVENT EXTRACTION

(57) Abstract

The present invention provides a method of extracting gold from pregnant leach solution (PLS) obtained from leaching of gold, comprising the steps of: (a) extracting the PLS with an organic extractant comprising an organic diester and an organic long-chain alcohol to obtain a first organic phase comprising gold; (b) stripping gold from the first organic phase with a first water to obtain a first aqueous raffinate comprising gold and a first depleted organic phase; (c) adding HCl and NaCl into the first aqueous raffinate to increase its acid content to at least 8 g/L and chloride content to at least 30 g/L to obtain a first aqueous solution comprising gold; (d) extracting the first aqueous solution with an organic extractant comprising an organic diester and an organic long-chain alcohol to obtain a second organic phase comprising gold; (e) stripping gold from the second organic phase with a second water solution to obtain a second aqueous raffinate comprising gold and a second depleted organic phase; (f) optionally repeating steps (c) to (e) one or more times to obtain a final aqueous raffinate comprising gold.

(56) Documents Cited : WO2011/154603 A1 RU 1 741 436 C

Patents Granted (Contd.)

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

(11) **Patent No :** AP 4713

(21) **Application No :** AP/P/2016/009324

(22) **Filing Date :** 24.12.2014

(24) (45) **Date of Grant & Publication :** 15/01/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	61/920,674	24.12.2013
US	61/935,240	03.02.2014
US	61/993,329	15.05.2014

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

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PELISH Henry Efrem, United States of America
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(74) **Representative**
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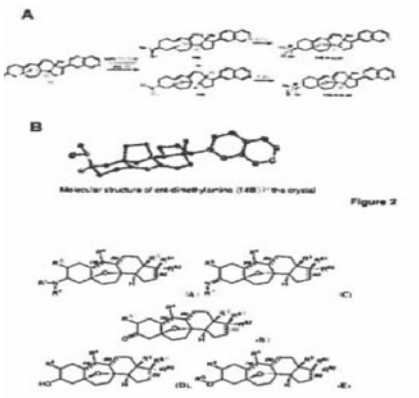
(51) **International Classification :** C07D 493/08 (2006.01); C07D 519/00 (2006.01); C07K 16/26 (2006.01); C07D 493/22 (2006.01); C07K 14/575 (2006.01)

(54) **Title**

CORTISTATIN ANALOGUES AND SYNTHESES AND USES THEREOF

(57) **Abstract**

Provided herein are compounds of Formula (A), (B), (C), (D) and (E), pharmaceutically acceptable salts, quaternary amine salts, and N-oxides thereof, and pharmaceutical compositions thereof. Compounds of Formula (A), (B), (C), (D), and (E) are contemplated useful as therapeutics for treating a wide variety of conditions, e.g., including but not limited to, conditions associated with angiogenesis and with CDK8 and/or CDK19 kinase activity. Further provided are methods of inhibiting CDK8 and/or CDK19 kinase activity, methods of modulating the β-catenin pathway, methods of modulating STAT1 activity, methods of modulating the TGFβ/BMP pathway, methods of modulating HIF-1 -alpha activity in a cell, and methods of increasing BIM expression to induce apoptosis, using a compound of Formula (A), (B), (C), (D), or (E). Further provided are CDK8 and CDK19 point mutants and methods of use thereof.



(56) **Documents Cited :**

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4714

(21) Application No : AP/P/2016/008995

(22) Filing Date : 14.07.2014

(24) Date of Grant & (45) Publication : 17/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	13177879.7	24.07.2013

(84) Designated States: MZ TZ

(73) Applicant(s)
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(74) Representative
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(51) International Classification : B01J 27/10 (2006.01) B01J 27/138 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) B01J 37/24 (2006.01)

(54) Title
PROCESS FOR PREPARING A CHLORINE COMPRISING CATALYST, THE PREPARED CATALYST, AND ITS USE

(57) Abstract

The invention concerns a process for preparing a chlorine comprising catalyst by (a) providing a Fischer-Tropsch catalyst comprising titania and at least 5 weight percent cobalt; (b) impregnating the catalyst with a solution comprising chloride ions;and (c) heating the impregnated catalyst at a temperature in the range of between 100 and 500 °C for at least 5 minutes up to 2 days. The prepared catalyst preferably comprises 0.13 -3 weight percent of the element chlorine. The invention further relates to the prepared catalyst and its use.

(56) Documents Cited : WO 03/018481 A1 FELTES t et al: WO2005/030680 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4715

(21) Application No : AP/P/2016/009329

(22) Filing Date : 18.12.2014

(24) Date of Grant & (45) Publication : 18/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/918089	19.12.2013

(84) Designated States: BW GH KE NA

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(51) International Classification : C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 33/02 (2006.01)

(54) Title
[1,2,4] TRIAZOLO [1,5-A] PYRIMIDINE DERIVATIVES AS PROTOZOAN PROTEASOME INHIBITORS FOR THE TREATMENT OF PARASITIC DISEASES SUCH AS LEISHMANIASIS

(57) Abstract

The present invention provides compounds of Formula A: or a pharmaceutically acceptable salt, tautomer, or stereoisomer, thereof, wherein the variables are as defined herein. The present invention further provides pharmaceutical compositions comprising such compounds and methods of using such compounds for treating, preventing, inhibiting, ameliorating, or eradicating the pathology and/or symptomology of a disease caused by a parasite, such as leishmaniasis, human African trypanosomiasis and Chagas disease.

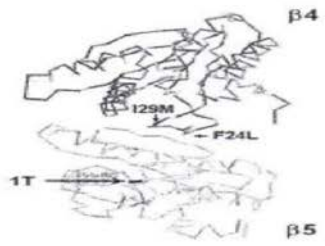
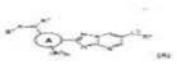


FIG. 1



(56) Documents Cited : WO 98/10779 A1 NOVINSON T et al:

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4716

(21) Application No : AP/P/2013/007284

(22) Filing Date : 25.05.2012

(24) Date of Grant & (45) Publication : 19/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2011/04244	08.06.2011
ZA	2011/06094	19.08.2011
ZA	2011/07785	21.10.2011

(84) Designated States: GH BW TZ ZM ZW

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et al

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : E21D 20/02 (2006.01)

(54) Title
An adhesive containing tubular rock anchor

(57) Abstract

The invention provides a rock anchor which includes an elongate tubular body which extends between a first end and an opposing second end, a cartridge for containing a multi-component adhesive system, in the tubular body, wherein the cartridge has a rigid tubular housing within which at least one compartment is defined, in which is contained an adhesive component of the system, wherein the at least one compartment yields to volumetrically reduce under fluid pressure created by a fluid input into the housing, thereby to extrude the adhesive components.

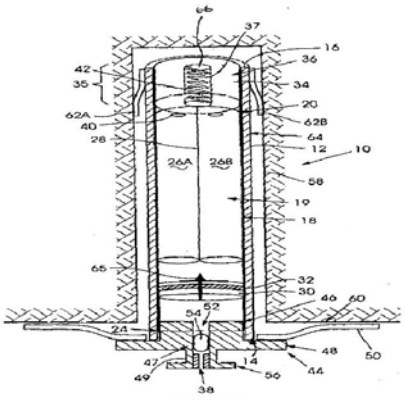


FIGURE 1

(56) Documents Cited :
US 2010/284762 A1
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DE 35 38 145 A1
US 4 601 614 A
WO 91/17342 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4717

(21) Application No : AP/P/2016/009633

(22) Filing Date : 28.05.2015

(24) Date of Grant & (45) Publication : 19/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
DE	102014107589.7	28.05.2014

(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 :
A23D 9/04 (2006.01)
C11B 3/04 (2006.01)
C11B 3/10 (2006.01)
C11B 3/00 (2006.01)
C11B 3/06 (2006.01)

(54) Title

METHOD FOR REFINING LIPID PHASES, AND USE

(57) Abstract

The invention relates to a method for gently eliminating odorous substances and coloring agents from lipid phases. Said method is easy and inexpensive to carry out and and can be employed for purifying lipid phases of various origins. The method comprises the steps of:
a) determining the phosphorus content of the lipid phase, testing for the presence of mucilages in the lipid phase, and
b) performing a pre-purification step until the investigation of the presence of mucilages is negative and/or a phosphorus value is smaller or equal to 15 mg/kg, and
c) adding an aqueous phase containing a compound having at least one amidino group or at least one guanidino group that have a partition coefficient (KOW) between n-octanol and water of <6.3, and
d) preparing a intensive mixture of the lipid phase and the aqueous phase, and, wherein a intensive mixture is present when the water droplets in the lipid phase have a average diameter of 0.01 to 20 µm,
e) carrying out a centrifugal phase separation and removal of the aqueous phase containing the detached odorants and / or dyes; wherein the lipid phase are oils, fat or biodiesel; and wherein the compound having at least one amidino or at least guanidine group is arginine, or one of compounds as defined in claim 1.

(56) Documents Cited : US 2008/182322 A1 WO 2009/148919 A1 EP 2 399 885 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4718

(21) Application No : AP/P/2014/007906

(22) Filing Date : 22.03.2013

(24) Date of Grant & (45) Publication : 25/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	PCT/CN2012/0003	23.03.2012

(84) Designated States:
KE ZW NA GH BW SZ

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GRIMLER Dominique, Switzerland
et al

(74) Representative
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(51) International Classification :
C07D 209/34 (2006.01)
C07D 209/14 (2006.01)
C07D 209/12 (2006.01)
C07D 405/06 (2006.01)
C07D 471/20 (2006.01)
C12P 17/10 (2006.01)

(54) Title
Chemical process for preparing spiroindolones and intermediates thereof

(57) Abstract

The present invention relates to processes and intermediates useful for the manufacture of spiroindolone compounds such as (1'R,3'S)-5,7'-dichloro-6'-fluoro-3'-methyl-2',3',4',9'-tetrahydrospiro[indoline-3,1-pyrido|3, 4-b]Lndol|-2-one and salts and hydrates and solvates thereof.

(56) Documents Cited :
WO 2009/132921 A1 NICHOLS D E et al
GB 974 895 A IWAO TABUSHI I et al
US 3 282 959 A
US 4 073 795 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4719

(21) Application No : AP/P/2014/008081

(22) Filing Date : 02.05.2013

(24) Date of Grant & (45) Publication : 27/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
EP	12166584.8	03.05.2012

(84) Designated States: TZ

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(51) International Classification :

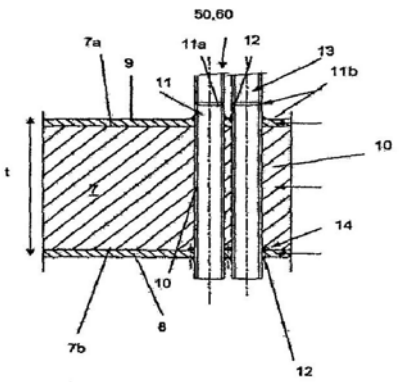
B23K	31/02	(2006.01)	C07C	273/04	(2006.01)
B01J	19/02	(2006.01)	F28F	9/18	(2006.01)
B01J	19/24	(2006.01)	F28F	19/06	(2006.01)

(54) Title

Method of manufacturing a tube sheet and heat exchanger for a pool reactor or pool condenser; corresponding tube sheet and heat exchanger assembly

(57) Abstract

The present application relates to a method of manufacturing a tube sheet (7) and heat exchanger assembly for a pool reactor or pool condenser for use in the production of urea from ammonia and carbon dioxide, wherein the method comprises manufacturing of the tube sheet (7) from a carbon steel material grade and providing said tube sheet (7) with corrosion protective layers (8, 9) of an austenitic- ferritic duplex stainless steel grade, wherein the heat exchanger comprises at least one U-shaped tube (13) of an austenitic-ferritic duplex stainless steel grade, the method further comprises inserting at least two sleeves (11) of an austenitic-ferritic duplex stainless steel grade through the tube sheet (7) such that both ends of the sleeve (11) extend in a direction away from the tube sheet (7), the method further comprises connecting the sleeves (11), at least the opposing ends thereof, to at least the protective layers (8,9) of the tube sheet (7) and finally, connecting both ends of the at least one U-shaped tube (13) to the respective sleeves (11).



(56) Documents Cited :

US 2006/073086 A1	US 4 288 109 A	JP 2 085696 A
WO 2008/065478 A1	WO 2008/065478 A1	US 2003/066868 A1

Patents Granted (Contd.)

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

(11) Patent No : AP 4720

(21) Application No : AP/P/2014/007523

(22) Filing Date : 23.08.2012

(24) Date of Grant & (45) Publication : 31/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/526,666	23.08.2011
US	61/615,550	26.03.2012

(84) Designated States: KE RW TZ UG

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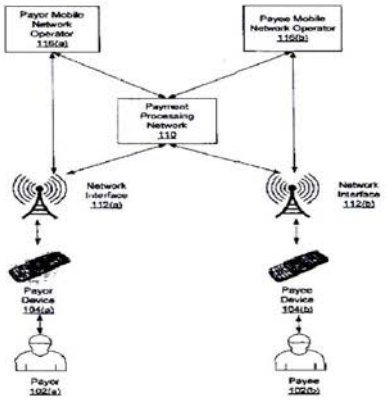
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(51) International Classification : G06Q 20/10 (2012.01) G06Q 40/02 (2012.01) G06Q 20/32 (2012.01)

(54) Title
Mobile funding method and system

(57) Abstract

Systems and methods for mobile funding are provided. One such method comprises receiving a transaction request to transfer funds from a payor to a payee. The transaction request can include a payor device identifier, a payee device identifier and an amount. A payor account identifier associated with the payor device identifier, and a payee account identifier associated with the payee device identifier can each be determined. Additionally, a first service provider associated with the payor device can be determined based on the payor device identifier, and a second service provider associated with the payee device can be determined based on the payee device identifier. The transfer of funds from the first service provider to the second service provider can then be initiated using the payor account identifier and the payee account identifier. At least one of the first and second service providers is a mobile network operator.



(56) Documents Cited : US 2008/0133403 A1 https://web.archive.org/web/2 https://web.archive.org/web/2 https://web.archive.org/web/2 https://web.archive.org/web/2

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4721

(21) Application No : AP/P/2015/008902

(22) Filing Date : 16.04.2014

(24) Date of Grant & (45) Publication : 31/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2013/04996	04.07.2013

(84) Designated States:
GH KE LS TZ ZM ZW

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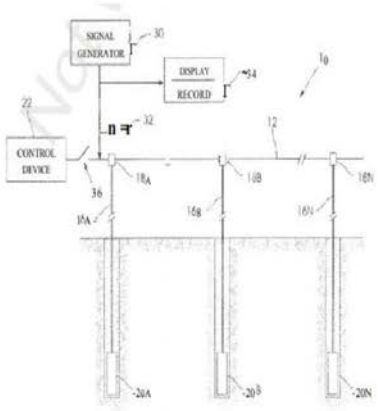
(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : F42D 1/055 (2006.01)

(54) Title
DETONATOR SYSTEM CONFIRMATION

(57) Abstract

A signal is injected into a wired series of detonators to obtain a reflected signal which represents a validated status of the system. The reflected signal is compared to a second reflected signal, generated in a similar way, some time later; to detect factors which affect the validated status of the system.



(56) Documents Cited : WO 2005/005921 A1 US 5 721 493 A WO 02/099356 A2

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
A01H 1/02 (2006.01) C12N 15/09 (2006.01) A01H 4/00 (2006.01)	AP/P/2015/008262	AP 4708	PCT/JP13/005722	SAKATA SEED CORPORATION
C07K 14/16 (2006.01) A61K 39/21 (2006.01) A61K 9/127 (2006.01)	AP/P/2008/004615	AP 4709	PCT/IB07/000502	MYMETICS CORPORATION
B23K 11/14 (2006.01) B23K 11/20 (2006.01) B23K 11/18 (2006.01)	AP/P/2016/009083	AP 4710	PCT/NL2014/050617	AL-S Technology B.V.
F01N 3/00 (2006.01)	AP/P/2014/007435	AP 4711		GENERAL ELECTRIC COMPANY
C22B 3/26 (2006.01) C22B 3/00 (2006.01) C22B 11/00 (2006.01)	AP/P/2016/009642	AP 4712	PCT/FI2015/050385	OUTOTEC (FINLAND) OY
C07D 493/08 (2006.01) C07D 493/22 (2006.01) C07D 519/00 (2006.01) C07K 14/575 (2006.01) C07K 16/26 (2006.01)	AP/P/2016/009324	AP 4713	PCT/US2014/072365	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
B01J 27/10 (2006.01) B01J 27/138 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) B01J 37/24 (2006.01)	AP/P/2016/008995	AP 4714	PCT/EP2014/065058	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 33/02 (2006.01)	AP/P/2016/009329	AP 4715	PCT/US2014/071077	NOVARTIS AG
E21D 20/02 (2006.01)	AP/P/2013/007284	AP 4716	PCT/ZA12/000039	GIDDICCA (PTY) LTD
A23D 9/04 (2006.01) C11B 3/00 (2006.01) C11B 3/04 (2006.01) C11B 3/06 (2006.01) C11B 3/10 (2006.01)	AP/P/2016/009633	AP 4717	PCT/EP2015/061920	Drei Lilien Pvg Gmbh & Co. Kg
C07D 209/34 (2006.01) C07D 405/06 (2006.01) C07D 209/14 (2006.01) C07D 471/20 (2006.01) C07D 209/12 (2006.01) C12P 17/10 (2006.01)	AP/P/2014/007906	AP 4718	PCT/EP13/056170	NOVARTIS AG
B23K 31/02 (2006.01) C07C 273/04 (2006.01) B01J 19/02 (2006.01) F28F 9/18 (2006.01) B01J 19/24 (2006.01) F28F 19/06 (2006.01)	AP/P/2014/008081	AP 4719	PCT/NL13/050331	STAMICARBON B. V.
G06Q 20/10 (2012.01) G06Q 20/32 (2012.01) G06Q 40/02 (2012.01)	AP/P/2014/007523	AP 4720	PCT/US12/052140	VISA INTERNATIONAL SERVICE ASSOCIATION
F42D 1/055 (2006.01)	AP/P/2015/008902	AP 4721	PCT/ZA2014/000020	DETNET SOUTH AFRICA (PTY) LTD
G06Q 30/02 (2012.01) G08G 1/00 (2006.01)	AP/U/2017/000092	AP/U/000018	PCT/KE2014/000034	GRUPPO POTENTE LTD

Patentees' Name Index of Granted Patents

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
SAKATA SEED CORPORATION	AP/P/2015/008262	AP 4708	PCT/JP13/005722	A01H 1/02 (2006.01) C12N 15/09 (2006.01) A01H 4/00 (2006.01)
MYMETICS CORPORATION	AP/P/2008/004615	AP 4709	PCT/IB07/000502	C07K 14/16 (2006.01) A61K 39/21 (2006.01) A61K 9/127 (2006.01)
AL-S Technology B.V.	AP/P/2016/009083	AP 4710	PCT/NL2014/050617	B23K 11/14 (2006.01) B23K 11/20 (2006.01) B23K 11/18 (2006.01)
GENERAL ELECTRIC COMPANY	AP/P/2014/007435	AP 4711		F01N 3/00 (2006.01)
OUTOTEC (FINLAND) OY	AP/P/2016/009642	AP 4712	PCT/FI2015/050385	C22B 3/26 (2006.01) C22B 3/00 (2006.01) C22B 11/00 (2006.01)
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	AP/P/2016/009324	AP 4713	PCT/US2014/072365	C07D 493/08 (2006.01) C07D 493/22 (2006.01) C07D 519/00 (2006.01) C07K 14/575 (2006.01) C07K 16/26 (2006.01)
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	AP/P/2016/008995	AP 4714	PCT/EP2014/065058	B01J 27/10 (2006.01) B01J 27/138 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) B01J 37/24 (2006.01)
NOVARTIS AG	AP/P/2016/009329	AP 4715	PCT/US2014/071077	C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 33/02 (2006.01)
GIDDICCA (PTY) LTD	AP/P/2013/007284	AP 4716	PCT/ZA12/000039	E21D 20/02 (2006.01)
Drei Lilien Pvg Gmbh & Co. Kg	AP/P/2016/009633	AP 4717	PCT/EP2015/061920	A23D 9/04 (2006.01) C11B 3/00 (2006.01) C11B 3/04 (2006.01) C11B 3/06 (2006.01) C11B 3/10 (2006.01)
NOVARTIS AG	AP/P/2014/007906	AP 4718	PCT/EP13/056170	C07D 209/34 (2006.01) C07D 405/06 (2006.01) C07D 209/14 (2006.01) C07D 471/20 (2006.01) C07D 209/12 (2006.01) C12P 17/10 (2006.01)
STAMICARBON B. V.	AP/P/2014/008081	AP 4719	PCT/NL13/050331	B23K 31/02 (2006.01) C07C 273/04 (2006.01) B01J 19/02 (2006.01) F28F 9/18 (2006.01) B01J 19/24 (2006.01) F28F 19/06 (2006.01)
VISA INTERNATIONAL SERVICE ASSOCIATION	AP/P/2014/007523	AP 4720	PCT/US12/052140	G06Q 20/10 (2012.01) G06Q 20/32 (2012.01) G06Q 40/02 (2012.01)
DETNET SOUTH AFRICA (PTY) LTD	AP/P/2015/008902	AP 4721	PCT/ZA2014/000020	F42D 1/055 (2006.01)
GRUPPO POTENTE LTD	AP/U/2017/000092	AP/U/000018	PCT/KE2014/000034	G06Q 30/02 (2012.01) G08G 1/00 (2006.01)

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ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/P/2015/008262	AP 4708	PCT/JP13/005722	SAKATA SEED CORPORATION	A01H 1/02 (2006.01) C12N 15/09 (2006.01) A01H 4/00 (2006.01)
AP/P/2008/004615	AP 4709	PCT/IB07/000502	MYMETICS CORPORATION	C07K 14/16 (2006.01) A61K 39/21 (2006.01) A61K 9/127 (2006.01)
AP/P/2016/009083	AP 4710	PCT/NL2014/050617	AL-S Technology B.V.	B23K 11/14 (2006.01) B23K 11/20 (2006.01) B23K 11/18 (2006.01)
AP/P/2014/007435	AP 4711		GENERAL ELECTRIC COMPANY	F01N 3/00 (2006.01)
AP/P/2016/009642	AP 4712	PCT/FI2015/050385	OUTOTEC (FINLAND) OY	C22B 3/26 (2006.01) C22B 3/00 (2006.01) C22B 11/00 (2006.01)
AP/P/2016/009324	AP 4713	PCT/US2014/072365	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	C07D 493/08 (2006.01) C07D 493/22 (2006.01) C07D 519/00 (2006.01) C07K 14/575 (2006.01) C07K 16/26 (2006.01)
AP/P/2016/008995	AP 4714	PCT/EP2014/065058	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	B01J 27/10 (2006.01) B01J 27/138 (2006.01) B01J 37/00 (2006.01) B01J 37/04 (2006.01) B01J 37/24 (2006.01)
AP/P/2016/009329	AP 4715	PCT/US2014/071077	NOVARTIS AG	C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 33/02 (2006.01)
AP/P/2013/007284	AP 4716	PCT/ZA12/000039	GIDDICCA (PTY) LTD	E21D 20/02 (2006.01)
AP/P/2016/009633	AP 4717	PCT/EP2015/061920	Drei Lilien Pvg Gmbh & Co. Kg	A23D 9/04 (2006.01) C11B 3/00 (2006.01) C11B 3/04 (2006.01) C11B 3/06 (2006.01) C11B 3/10 (2006.01)
AP/P/2014/007906	AP 4718	PCT/EP13/056170	NOVARTIS AG	C07D 209/34 (2006.01) C07D 405/06 (2006.01) C07D 209/14 (2006.01) C07D 471/20 (2006.01) C07D 209/12 (2006.01) C12P 17/10 (2006.01)
AP/P/2014/008081	AP 4719	PCT/NL13/050331	STAMICARBON B. V.	B23K 31/02 (2006.01) C07C 273/04 (2006.01) B01J 19/02 (2006.01) F28F 9/18 (2006.01) B01J 19/24 (2006.01) F28F 19/06 (2006.01)
AP/P/2014/007523	AP 4720	PCT/US12/052140	VISA INTERNATIONAL SERVICE ASSOCIATION	G06Q 20/10 (2012.01) G06Q 20/32 (2012.01) G06Q 40/02 (2012.01)
AP/P/2015/008902	AP 4721	PCT/ZA2014/000020	DETNET SOUTH AFRICA (PTY) LTD	F42D 1/055 (2006.01)
AP/U/2017/000092	AP/U/000018	PCT/KE2014/000034	GRUPPO POTENTE LTD	G06Q 30/02 (2012.01) G08G 1/00 (2006.01)

Patents Assigned

(11) AP 1960
(23) 09.11.2018
(51) **C07D 311/68 (2006.01)**
C07D 251/18 (2006.01)
A01N 43/68 (2006.01)
(54) AMINO 1,3,5- TRIAZINES N-SUBSTITUTED WITH CHIRAL BICYCLIC RADICALS, PROCESS FOR THEIR PREPARATION, COMPOSITIONS THEREOF AND THEIR USE AS HERBICIDES AND PLANT GROWTH REGULATORS.
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) BIERINGER Hermann, MENNE Hubert, AHRENS Hartmut, et al
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 2339
(23) 09.11.2018
(51) **A01N 43/68 (2006.01)**
(54) HERBICIDAL AGENTS.
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) ROSE Eckhard, HACKER Erwin and DIETRICH Hansjörg
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 2508
(23) 28.12.2018
(51) **E02F 3/08 (2006.01)**
E02F 5/06 (2006.01)
(54) LOCK FOR SECURING WEAR PARTS TO EARTH-WORKING EQUIPMENT
(71) ESCO GROUP LLC
(72) MCCLANAHAN Robert
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 2972
(23) 09.11.2018
(51) **A01N 43/90 (2006.01)**
A01N 41/10 (2006.01)
A01N 43/56 (2006.01)
A01N 43/40 (2006.01)
A01N 43/80 (2006.01)
A01N 47/38 (2006.01)
A01N 47/36 (2006.01)
A01P 13/00 (2006.01)
A01N 43/54 (2006.01)
A01N 43/68 (2006.01)
(54) HERBICIDE COMBINATIONS CONTAINING A HERBICIDE FROM THE CLASS OF DIAMINO-S-TRIAZINES
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) AULER Thomas, HESS Martin, BONFIG-PICARD Georg, et al
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 3073
(23) 09.11.2018
(51) **A01N 43/38 (2006.01)**
A01P 7/04 (2006.01)
A01N 43/12 (2006.01)
A01N 43/40 (2006.01)
A01N 47/06 (2006.01)
A01P 7/02 (2006.01)
A01N 43/78 (2006.01)
(54) ACTIVE INGREDIENT COMBINATIONS WITH INSECTICIDAL AND ACARICIDAL PROPERTIES
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) THIELERT Wolfgang, FISCHER Reiner, HUNGENBERG Heike, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 3262
(23) 09.11.2018
(51) **A01N 43/56 (2006.01)**
A01P 13/00 (2006.01)
A01N 43/80 (2006.01)
A01N 41/10 (2006.01)
A01N 43/12 (2006.01)
A01N 47/36 (2006.01)
A01N 43/40 (2006.01)
A01N 47/38 (2006.01)
A01N 43/54 (2006.01)
A01N 43/68 (2006.01)
(54) HERBICIDE COMBINATIONS CONTAINING A HERBICIDE FROM THE CLASS OF DIAMINO-S-TRIAZINES
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) HILLS Martin Jeffrey, BONFIG-PICARD Georg, HACKER Erwin, et al
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 3636
(23) 28.12.2018
(51) **E02F 9/28 (2006.01)**
(54) COUPLING ASSEMBLIES WITH ENHANCED TAKE UP
(71) ESCO GROUP LLC
(72) BRISCOE Terry L and STANGELAND Kelvin S
(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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(11) AP 3732
(23) 28.12.2018
(51) **E02F 9/00 (2006.01)**
(54) WEAR ASSEMBLY
(71) ESCO GROUP LLC
(72) CONKLIN Donald M, COWGILL Noah, CHEYNE Mark Andrew, 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

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(11) AP 3735
(23) 09.01.2019
(51) **H02J 3/46 (2006.01)**
H02M 5/458 (2006.01)
H02M 5/14 (2006.01)
(54) METHODS AND APPARATUS FOR SUPPLYING THREE PHASE POWER
(71) TRiiiON Holdings Pty Ltd
(72) STEINBERG Shmuel
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW

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(11) AP 4131
(23) 28.12.2018
(51) **E02F 9/28 (2006.01)**
(54) WEAR ASSEMBLY
(71) ESCO GROUP LLC
(72) SHREEVE Kate L, STANGELAND Kelvin S, OLLINGER IV Charles G, 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

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(11) AP 4210
(23) 28.12.2018
(51) **E02F 9/28 (2006.01)**
(54) WEAR ASSEMBLY FOR EXCAVATING EQUIPMENT
(71) ESCO GROUP LLC
(72) SNYDER Christopher D
(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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(11) AP 4432
(23) 28.12.2018
(51) **B32B 15/04 (2006.01)**
B05D 5/00 (2006.01)
B05D 3/02 (2006.01)
(54) HARDFACED WEARPART USING BRAZING AND ASSOCIATED METHOD AND ASSEMBLY FOR MANUFACTURING
(71) ESCO GROUP LLC
(72) CHURCHILL Robin Kerry
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, LS, MZ, NA, SD, SZ, TZ, ZM

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Patents Renewed

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AP 1637	AP/P/2000/001874	07.12.2018	30.11.2019	19th yr
AP 1603	AP/P/2001/002163	30.11.2018	10.12.2019	19th yr
AP 1624	AP/P/2001/002171	13.11.2018	15.11.2019	19th yr
AP 1707	AP/P/2002/002485	13.10.2018	24.10.2019	18th yr
AP 1480	AP/P/2002/002597	28.12.2018	26.01.2020	18th yr
AP 1696	AP/P/2003/002861	31.12.2018	19.01.2019	16th yr
AP 1696	AP/P/2003/002861	04.01.2019	19.01.2020	17th yr
AP 1549	AP/P/2003/002876	11.01.2019	01.03.2020	17th yr
AP 1633	AP/P/2004/003101	25.01.2019	30.01.2020	16th yr
AP 1862	AP/P/2004/003134	19.12.2018	14.02.2020	16th yr
AP 1787	AP/P/2004/003154	19.12.2018	17.02.2020	16th yr
AP 1839	AP/P/2005/003221	19.12.2018	07.02.2020	14th yr
AP 1821	AP/P/2005/003222	19.12.2018	07.02.2020	14th yr
AP 2065	AP/P/2005/003366	04.01.2019	04.02.2020	15th yr
AP 1990	AP/P/2005/003381	19.12.2018	30.01.2020	15th yr
AP 2632	AP/P/2005/003384	19.12.2018	30.01.2020	15th yr
AP 1960	AP/P/2005/003386	04.01.2019	23.01.2020	15th yr
AP 1907	AP/P/2006/003519	19.12.2018	22.02.2020	13th yr
AP 2190	AP/P/2006/003520	19.12.2018	22.02.2020	13th yr
AP 1956	AP/P/2006/003521	19.12.2018	22.02.2020	13th yr
AP 2112	AP/P/2006/003522	19.12.2018	22.02.2020	13th yr
AP 2439	AP/P/2006/003629	17.12.2018	16.12.2019	14th yr
AP 2115	AP/P/2006/003655	14.12.2018	21.12.2019	14th yr
AP 2195	AP/P/2006/003724	14.12.2018	24.01.2020	14th yr
AP 2007	AP/P/2006/003739	19.12.2018	30.03.2020	14th yr
AP 2350	AP/P/2007/003995	13.11.2018	17.11.2019	13th yr
AP 2764	AP/P/2007/004089	11.01.2019	30.01.2020	13th yr
AP 2672	AP/P/2007/004104	11.01.2019	30.01.2020	13th yr
AP 2447	AP/P/2007/004127	14.12.2018	03.02.2020	13th yr
AP 2348	AP/P/2008/004473	30.11.2018	04.12.2019	12th yr
AP 2911	AP/P/2008/004504	30.11.2018	01.12.2019	12th yr
AP 3071	AP/P/2008/004518	05.12.2018	28.11.2019	12th yr
AP 2407	AP/P/2008/004544	04.01.2019	12.01.2020	12th yr
AP 2907	AP/P/2008/004550	20.12.2018	09.01.2020	12th yr
AP 2844	AP/P/2008/004612	11.01.2019	28.02.2020	12th yr
AP 2793	AP/P/2009/004869	30.11.2018	04.12.2019	11th yr
AP 2558	AP/P/2009/004925	14.12.2018	20.12.2019	11th yr
AP 2999	AP/P/2009/004967	11.01.2019	05.02.2020	11th yr
AP 3058	AP/P/2010/005260	14.12.2018	21.12.2019	14th yr

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AP 3191	AP/P/2010/005320	14.12.2018	14.12.2019	11th yr
AP 2650	AP/P/2010/005342	31.12.2018	01.01.2020	10th yr
AP 4462	AP/P/2010/005366	19.12.2018	12.02.2020	10th yr
AP 3384	AP/P/2010/005381	04.01.2019	16.02.2020	10th yr
AP 3376	AP/P/2010/005475	12.12.2018	27.05.2020	10th yr
AP 3067	AP/P/2010/005476	12.12.2018	27.05.2020	10th yr
AP 4474	AP/P/2011/005670	04.01.2019	15.04.2020	8th yr
AP 3562	AP/P/2011/005705	31.12.2018	13.10.2019	9th yr
AP 2859	AP/P/2011/005745	30.11.2018	07.12.2019	9th yr
AP 3719	AP/P/2011/005767	13.11.2018	18.11.2019	9th yr
AP 3192	AP/P/2011/005800	19.12.2018	08.01.2020	9th yr
AP 3870	AP/P/2011/005816	04.01.2019	06.01.2020	9th yr
AP 2945	AP/P/2011/005837	19.12.2018	20.01.2020	9th yr
AP 3156	AP/P/2011/005838	10.12.2018	23.02.2020	9th yr
AP 3048	AP/P/2011/005845	19.12.2018	26.02.2020	9th yr
AP 3359	AP/P/2011/005959	13.12.2018	13.11.2019	9th yr
AP 3682	AP/P/2012/006069	14.01.2019	15.07.2019	8th yr
AP 3682	AP/P/2012/006069	14.01.2019	15.07.2012	1st yr
AP 4606	AP/P/2012/006242	19.12.2018	20.01.2020	8th yr
AP 4171	AP/P/2012/006265	03.09.2018	18.10.2019	8th yr
AP 3360	AP/P/2012/006313	19.12.2018	24.01.2020	8th yr
AP 3605	AP/P/2012/006317	28.12.2018	14.12.2019	8th yr
AP 3601	AP/P/2012/006349	20.12.2018	03.12.2019	8th yr
AP 3107	AP/P/2012/006360	19.12.2018	26.01.2020	8th yr
AP 3355	AP/P/2012/006362	04.01.2019	21.02.2020	8th yr
AP 3945	AP/P/2012/006387	13.11.2018	18.11.2019	8th yr
AP 3317	AP/P/2012/006396	19.12.2018	07.01.2020	8th yr
AP 4225	AP/P/2012/006404	11.01.2019	21.01.2020	8th yr
AP 3576	AP/P/2012/006414	20.12.2018	14.01.2020	8th yr
AP 4362	AP/P/2012/006425	11.01.2019	07.02.2020	8th yr
AP 4217	AP/P/2012/006435	19.12.2018	11.01.2020	8th yr
AP 4226	AP/P/2012/006437	28.12.2018	31.01.2020	8th yr
AP 3551	AP/P/2012/006445	28.12.2018	24.01.2020	8th yr
AP 3670	AP/P/2012/006452	31.12.2018	26.01.2019	7th yr
AP 4409	AP/P/2012/006653	19.12.2018	14.12.2019	6th yr
AP 4286	AP/P/2013/006735	19.12.2018	15.02.2020	6th yr
AP 4538	AP/P/2013/006750	11.01.2019	26.02.2020	6th yr
AP 3472	AP/P/2013/006869	20.12.2018	12.01.2020	7th yr
AP 3815	AP/P/2013/006907	28.12.2018	21.12.2019	7th yr

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Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3816	AP/P/2013/006931	05.12.2018	18.11.2019	7th yr
AP 3343	AP/P/2013/006942	19.12.2018	20.01.2020	7th yr
AP 3572	AP/P/2013/006977	13.12.2018	07.12.2019	7th yr
AP 3807	AP/P/2013/006990	04.01.2019	11.01.2020	7th yr
AP 4607	AP/P/2013/007007	07.01.2019	11.01.2020	7th yr
AP 3978	AP/P/2013/007036	10.01.2019	11.01.2020	7th yr
AP 4088	AP/P/2013/007055	19.12.2018	07.02.2020	7th yr
AP 3763	AP/P/2013/007061	09.01.2019	31.01.2020	7th yr
AP 4642	AP/P/2013/007063	19.12.2018	31.01.2020	8th yr
AP 3980	AP/P/2013/007113	04.01.2019	21.02.2020	7th yr
AP 4486	AP/P/2013/007136	11.01.2019	24.02.2020	7th yr
AP 4588	AP/P/2013/007269	19.12.2018	21.01.2020	7th yr
AP 4059	AP/P/2014/007379	11.01.2019	13.01.2020	7th yr
AP 4495	AP/P/2014/007664	14.11.2018	23.11.2019	6th yr
AP 3880	AP/P/2014/007675	05.12.2018	29.11.2019	6th yr
AP 3911	AP/P/2014/007687	09.01.2019	20.12.2019	6th yr
AP 4015	AP/P/2014/007688	09.01.2019	20.12.2019	6th yr
AP 4349	AP/P/2014/007699	05.12.2018	27.11.2019	6th yr
AP 4368	AP/P/2014/007704	28.12.2018	18.12.2019	6th yr
AP 4357	AP/P/2014/007727	14.12.2018	21.12.2019	6th yr
AP 4470	AP/P/2014/007739	19.12.2018	17.01.2020	6th yr
AP 3982	AP/P/2014/007768	19.12.2018	18.12.2019	6th yr
AP 3986	AP/P/2014/007786	22.01.2019	28.01.2020	6th yr
AP 4291	AP/P/2014/007846	04.01.2019	25.01.2020	6th yr
AP 4603	AP/P/2014/007864	11.01.2019	15.02.2020	6th yr
AP 4085	AP/P/2014/007868	19.12.2018	23.01.2020	6th yr
AP 4259	AP/P/2014/007880	19.12.2018	23.01.2020	6th yr
AP 4634	AP/P/2014/007885	14.12.2018	01.02.2020	6th yr
AP 4605	AP/P/2014/007887	14.12.2018	01.02.2020	6th yr
AP 4611	AP/P/2014/007895	14.12.2018	01.02.2020	6th yr
AP 3655	AP/P/2014/007896	19.12.2018	28.01.2020	6th yr
AP 3822	AP/P/2014/007908	01.12.2018	11.02.2019	5th yr
AP 3666	AP/P/2014/007926	11.01.2019	28.02.2020	6th yr
AP 3825	AP/P/2014/007927	10.12.2018	20.02.2020	6th yr
AP 4324	AP/P/2014/007952	10.01.2019	05.03.2020	6th yr
AP 3834	AP/P/2014/008008	02.01.2019	11.03.2020	6th yr
AP 3859	AP/P/2014/008009	02.01.2019	11.03.2020	6th yr
AP 4351	AP/P/2014/008139	07.12.2018	05.12.2019	6th yr
AP 4530	AP/P/2015/008230	19.12.2018	19.06.2019	5th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3922	AP/P/2015/008424	13.11.2018	16.11.2019	6th yr
AP 3965	AP/P/2015/008449	13.12.2018	19.11.2019	5th yr
AP 4672	AP/P/2015/008535	25.01.2019	05.02.2020	5th yr
AP 4447	AP/P/2015/008640	11.01.2019	20.02.2020	5th yr
AP 4321	AP/P/2015/008642	07.01.2019	10.01.2020	5th yr
AP 4321	AP/P/2015/008642	07.01.2019	10.01.2016	1st yr
AP 4693	AP/P/2015/008666	04.01.2019	20.02.2020	5th yr
AP 4673	AP/P/2015/008672	04.01.2019	21.02.2020	5th yr
AP 4397	AP/P/2015/008696	11.01.2019	05.03.2020	5th yr
AP 4508	AP/P/2015/008704	02.01.2019	07.01.2020	5th yr
AP 4175	AP/P/2015/008752	25.01.2019	04.02.2020	5th yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2018/000148
(22) 18.12.2018
(23) 18.12.2018
(31) 17 21 418.0
(32) 20.12.2017 (33) GB
(51) **A01D46/04 (2015.01)**
(54) AN APPARATUS FOR HARVESTING TEA
(71) George Williamson & Co. Limited
(72) GIBBS Simon Christopher
(74) COULSON HARNEY LLP
(84) KE, MW, RW, TZ, UG, ZW
(96) 18.12.2018 AP/U/2018/000148

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(21) AP/U/2019/000149
(22) 08.01.2019
(23) 08.01.2019
(51) **A01B 39/18 (2015.01)**
A01B 35/02 (2015.01)
A01B 39/18 (2015.01)
(54) HUMAN-DRAWN MECHANICAL WEEDER
(74) MARUTA Samuel
(75) MARUTA Samuel
(84) ZW
(96) 08.01.2019 AP/U/2019/000149

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(21) AP/U/2019/000150
(22) 23.01.2019
(23) 23.01.2019
(51) **G06F 3/00 (2015.01)**
H04L 12/14 (2015.01)
G06Q 20/30 (2015.01)
G06Q 20/10 (2015.01)
G06Q 40/04 (2015.01)
G06Q 30/00 (2015.01)
G10L 13/00 (2015.01)
(54) LOGIC EBRARY MOBILE/ WEB APPLICATION
(74) SHONIWA Hilary Garikai
(75) SHONIWA Hilary Garikai
(84) ZW
(96) 23.01.2019 AP/U/2019/000150

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(21) AP/U/2019/000151
(22) 28.01.2019
(23) 28.01.2019
(51) **B23Q 1/25 (2015.01)**
B27B 5/00 (2015.01)
B27B 25/10 (2015.01)
B23Q 3/00 (2015.01)
B23Q 16/00 (2015.01)
B23Q 27/00 (2015.01)
B23Q 2716/00 (2015.01)
(54) A DEVICE FOR ACHIEVING GREATER ANGLES AND CUTTING DEPTHS IN WOOD SAWING
(74) KAGUDU Gideon
(75) KAGUDU Gideon
(84) MW, ZM, ZW
(96) 28.01.2019 AP/U/2019/000151

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Utility Model Applications Pending Registration

(21) AP/U/2018/000115
(22) 19.03.2018
(23) 18.01.2019
(51) **H02K 47/04 (2006.01)**
(54) AN ELECTRIC GENERATOR HAVING A CENTRAL MAGNETIC SHAFT
(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/U/2018/000120
(22) 27.03.2018
(23) 30.01.2019
(51) **H04M 17/007 (2015.01)**
G06Q 20/34 (2015.01)
A63F 3/06 (2015.01)
(54) SCRATCH PIECE (MAX;MINI)
(74) KANSIIME ARNOLD TWINOMUGISHA
(84) GH, KE, RW, TZ, UG

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Utility Models Registered

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

(11) Patent No : AP/U/000018

(21) Application No : AP/U/2017/000092

(22) Filing Date : 24.07.2014

(24) Date of Grant & (45) Publication : 04/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
KE	KE/P/2013/001880	25.07.2013

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

(73) Applicant(s)
GRUPPO POTENTE LTD, P. O. Box 25044-00100, Kenya

(72) Inventors
MBUGUA Njihia, Kenya

(74) Representative
RUTENBERG Isaac, Kenya

(51) International Classification : G06Q 30/02 (2012.01) G08G 1/00 (2006.01)

(54) Title
DEVICE AND METHOD FOR MONITORING VEHICLES

(57) Abstract

In various embodiments, the invention relates to the electronic device arts. In an aspect, there is provided a tag device for storing vehicle insurance information and tracking the location of the vehicle comprising: a backing member configured to be affixed to a surface of the vehicle; a visual code disposed on the backing member, wherein the visual code is machine readable and is associated with a unique tag identification (ID) code; a locator device disposed on the backing member, wherein the locator device is configured to determine a location and communicate the determined location; a power source disposed on the backing member and configured to provide power to the locator device; and a reserve power source disposed on the backing member and configured to receive power from the power source and further configured to provide power to the locator device and/or to the power source.

(56) Documents Cited : AP/P/2008/004423 AP/P/2008/004449 AP/P/2007/004269 AP/P/2004/003093

Utility Models Registered (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP/U/000019

(21) Application No : AP/U/2018/000108

(22) Filing Date : 26.01.2018

(24) Date of Grant & (45) Publication : 04/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
GH	GH/P/17/00006	16.03.2017

(84) Designated States:
GH MZ TZ UG ZM

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

(72) Inventors
HAIDAR Bassim Said, United Kingdom

(74) Representative
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) International Classification : G06Q 20/24 (2012.01) H04M 17/00 (2006.01)

(54) Title
PROVIDING A MOBILE BUNDLE TO A PREPAID MOBILE SUBSCRIBER IN ADVANCE OF PAYMENT

(57) Abstract

A system and method for providing a mobile bundle to a prepaid mobile subscriber in advance of payment are provided. The mobile bundle is associated with a category of mobile telephone network utilisation and a usage amount limiting the extent of the category of utilisation. In a method conducted at a server computer it is determined whether the subscriber is eligible for a mobile bundle advance. Particulars of the mobile bundle advance for which the subscriber is eligible are determined. The particulars are based on a subscriber score. If the subscriber is eligible for the mobile bundle advance, a mobile bundle account associated with the subscriber is credited with the usage amount.

(56) Documents Cited : AP/P/2016/009338 AP/P/2010/005409 AP/P/2011/005822 AP/P/2013/007031

Utility Models Registered (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP/U/000020

(21) **Application No :** AP/U/2014/000031

(22) **Filing Date :** 18.09.2012

(24) (45) **Date of Grant & Publication :** 04/01/2019

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	2011/06898	21.09.2011

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

(73) **Applicant(s)**
BULK BOX LOGISTICS (PTY) LIMITED, 154 Cape Road, Port Elizabeth, 6001, Eastern Cape, South Africa

(72) **Inventors**
FLEISCHER Timothy John, South Africa

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

(51) **International Classification :** B65G67 (2015.01) B65G69 (2015.01)

(54) **Title**
Bulk material loading arrangement

(57) **Abstract**

This invention relates to a loading station and method for the loading of bulk materials into rail carriages. More particularly, but not exclusively, the invention relates to a loading station and method that allows for simultaneous loading of a plurality of railway carriages. The loading station includes a length of railway for receiving a plurality of railway carriages, and an overhead loading configuration comprising a plurality of loading stations suitable for simultaneous loading of at least some of the plurality of railway carriages. Each loading station comprises a bottom discharging hopper arrangement that can be preloaded with the bulk materials.

(56) **Documents Cited :** US-4284380 WO-2001/070596 US-4372730

DESIGNS

Design Applications Filed

(21) AP/D/2019/001359
(22) 02.01.2019
(31) F2018/01032
(32) 02.08.2018 (33) ZA
(51) **25-01 (11)**
25-04 (11)
(54) MULTI-FUNCTIONAL BEAM FOR FORMWORK, FALSEWORK AND SCAFFOLDING RELATED APPLICATIONS
(71) WACO Africa (Pty) Ltd t/a FORMSCAFF
(72) MOES Jan Johannes and POUWELS Klaas
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2019/001360
(22) 03.01.2019
(31) A2018/01070
(32) 13.07.2018 (33) ZA
(51) **12-16 (11)**
(54) A RIM PROTECTOR
(71) PADDY's PAD 1201 CC
(72) ALPERSTEIN Marc
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2019/001361
(22) 17.12.2018
(51) **09-01 (11)**
(54) ROLL-ON DEODORANT STRUCTURE
(71) PZ CUSSONS (INTERNATIONAL) LIMITED
(72) MARITZ Katie
(74) KUDJAWU & CO
(84) GH

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(21) AP/D/2019/001362
(22) 11.01.2019
(31) A2018/01157
(32) 25.07.2018 (33) ZA
(51) **08-06 (11)**
(54) HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS
(71) VECTO TRADE 461 PROPRIETARY LIMITED
(72) HALSTED Charles William
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2019/001363
(22) 11.01.2019
(31) A2018/01159
(32) 25.07.2018 (33) ZA
(51) **08-06 (11)**
(54) HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS
(71) VECTO TRADE 461 PROPRIETARY LIMITED
(72) HALSTED Charles William
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2019/001364
(22) 26.01.2019
(31) F2018/01566
(32) 15.10.2018 (33) ZA
(51) **23-03 (11)**
(54) SOLAR WATER HEATER
(71) CREST Solar (Pty) Ltd
(72) DE KLERK DE VILLIERS Jacques
(74) SAMURIWO ATTORNEYS
(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/2015/000954	17.01.2019	23.01.2020	4th yr
AP/D/2017/001185	31.12.2018	03.04.2019	1st yr

Designs Registered

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

(11) Design No : AP/D/01019

(21) Application No : AP/D/2018/001275

(22) Filing Date : 17.05.2018

(24) Registration Date: 11/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2017/001844	22.11.2017

(84) Designated States:

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

(73) Applicant(s)

FREDDY HIRSCH GROUP PROPRIETARY LIMITED, Cnr. 11th Avenue and Voortrekker Road, Maitland, Cape Town,7405, South Africa

(72) Creators

SCHULTZ Hermann August, South Africa
THRING Tom Lawrence, South Africa

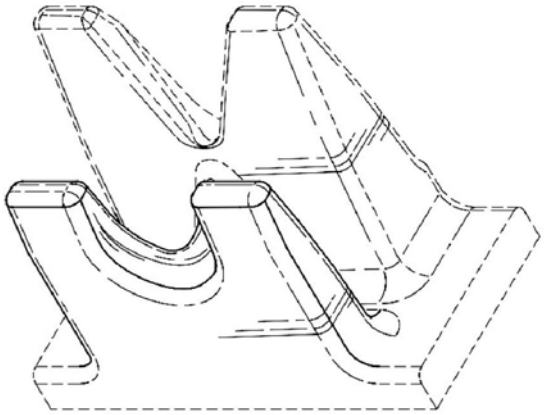
(74) Representative

ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : 31-00

(54) Title

SAUSAGE CUTTERS



Designs Registered (Contd.)

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

(11) Design No : AP/D/01020

(21) Application No : AP/D/2018/001276

(22) Filing Date : 17.05.2018

(24) Registration Date: 11/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2017/001842	22.11.2017

(84) Designated States:

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

(73) Applicant(s)

FREDDY HIRSCH GROUP PROPRIETARY LIMITED, Cnr. 11th Avenue and Voortrekker Road, Maitland, Cape Town,7405, South Africa

(72) Creators

SCHULTZ Hermann August, South Africa
THRING Tom Lawrence, South Africa

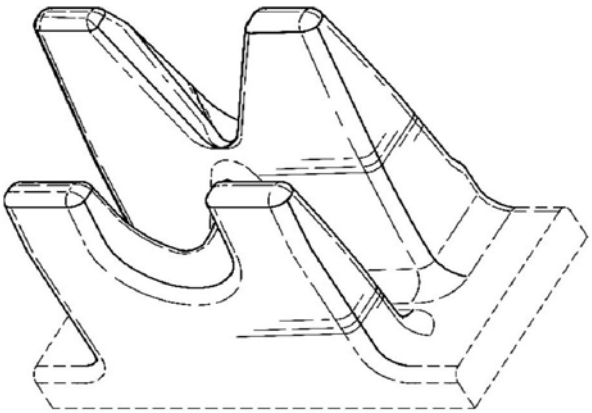
(74) Representative

ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : 31-00

(54) Title

SAUSAGE CUTTERS



Designs Registered (Contd.)

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

(11) Design No : AP/D/01021

(21) Application No : AP/D/2018/001277

(22) Filing Date : 24.05.2018

(24) Registration Date: 11/01/2019

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201730595184.5	28.11.2017

(84) Designated States:

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

(73) Applicant(s)

JIANGMEN DACHANGJIANG GROUP CO., LTD., No. 5, Jiandabei Road, Jiangmen City, Guangdong Province 529000, Peoples Republic of China

(72) Creators

FAN Peiyong, Peoples Republic of China

(74) Representative

ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : 12-11

(54) Title

MOTORCYCLE



Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01022

(21) **Application No :** AP/D/2017/001239

(22) **Filing Date :** 03.11.2017

(24) **Registration Date:** 16/01/2019

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

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

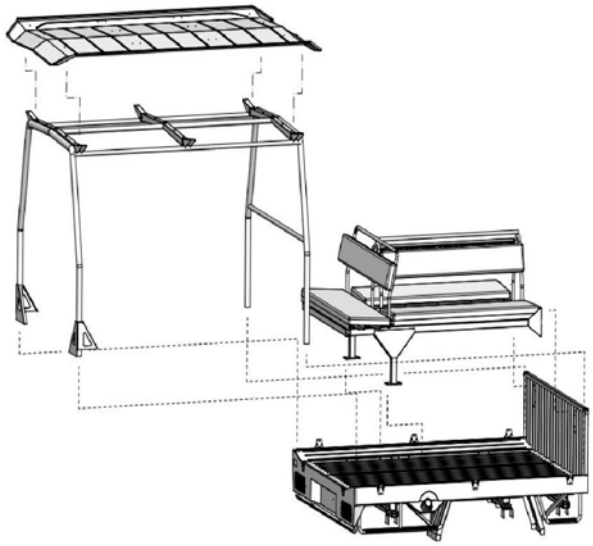
(73) **Applicant(s)**
RSA LIMITED, P. O. Box 591, Moshi, Tanzania

(72) **Creators**
VARINDER Singh Bhamra, Tanzania

(74) **Representative**
ENSafrica Namibia, Namibia

(51) **International Classification :** 12-16

(54) **Title**
MULTI-PURPOSE BODY



Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01023

(21) **Application No :** AP/D/2017/001242

(22) **Filing Date :** 03.11.2017

(24) **Registration Date:** 17/01/2019

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

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

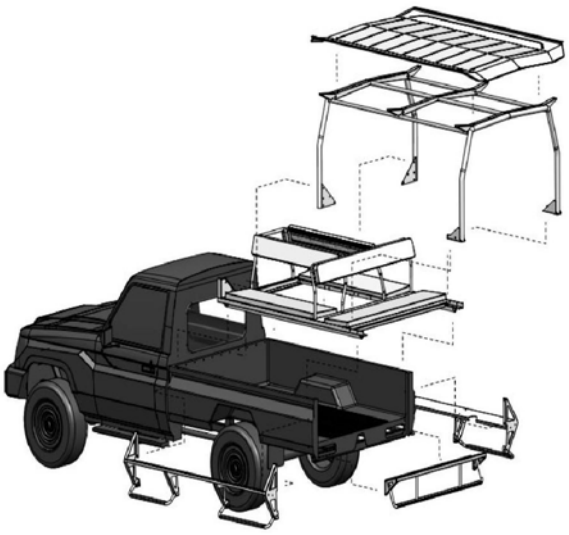
(73) **Applicant(s)**
RSA LIMITED, P. O. Box 591, Moshi, Tanzania

(72) **Creators**
VARINDER Singh Bhamra, Tanzania

(74) **Representative**
ENSafrica Namibia, Namibia

(51) **International Classification :** 12-16

(54) **Title**
PATROL VEHICLE ACCESSORIES



Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00611	AP/D/2014/000800	04.01.2019	06.02.2020	5th yr
AP/D/00644	AP/D/2013/000784	03.12.2018	02.12.2019	5th yr
AP/D/00645	AP/D/2013/000785	03.12.2018	02.12.2019	5th yr
AP/D/00646	AP/D/2013/000786	03.12.2018	02.12.2019	5th yr
AP/D/00647	AP/D/2013/000787	03.12.2018	02.12.2019	5th yr
AP/D/00648	AP/D/2013/000788	03.12.2018	02.12.2019	5th yr
AP/D/00649	AP/D/2013/000789	03.12.2018	02.12.2019	5th yr
AP/D/00659	AP/D/2013/000790	03.12.2018	02.12.2019	5th yr
AP/D/00685	AP/D/2013/000791	03.12.2018	05.12.2019	5th yr
AP/D/00729	AP/D/2014/000939	23.11.2018	20.11.2019	4th yr
AP/D/00730	AP/D/2014/000949	20.12.2018	23.12.2019	4th yr
AP/D/00739	AP/D/2014/000940	03.12.2018	05.12.2019	4th yr
AP/D/00740	AP/D/2014/000944	20.12.2018	05.12.2019	4th yr
AP/D/00741	AP/D/2014/000946	20.12.2018	05.12.2019	4th yr
AP/D/00760	AP/D/2014/000941	03.12.2018	05.12.2019	4th yr
AP/D/00761	AP/D/2014/000943	03.12.2018	05.12.2019	4th yr
AP/D/00762	AP/D/2014/000945	20.12.2018	05.12.2019	4th yr
AP/D/00763	AP/D/2014/000942	03.12.2018	05.12.2019	4th yr
AP/D/00764	AP/D/2012/000574	28.12.2018	20.12.2019	6th yr
AP/D/00778	AP/D/2015/000984	19.12.2018	20.01.2020	4th yr
AP/D/00854	AP/D/2016/001096	19.12.2018	03.03.2020	3rd yr
AP/D/00855	AP/D/2016/001097	19.12.2018	03.03.2020	3rd yr
AP/D/00856	AP/D/2016/001098	19.12.2018	03.03.2020	3rd yr
AP/D/00857	AP/D/2016/001100	19.12.2018	03.03.2020	3rd yr
AP/D/00862	AP/D/2016/001099	19.12.2018	03.03.2020	3rd yr
AP/D/00925	AP/D/2016/001153	10.12.2018	15.12.2019	2nd yr
AP/D/00926	AP/D/2017/001160	19.12.2018	20.01.2020	2nd yr
AP/D/00927	AP/D/2017/001169	14.12.2018	30.01.2020	2nd yr
AP/D/00938	AP/D/2017/001162	22.01.2019	30.01.2020	2nd yr
AP/D/00939	AP/D/2017/001163	22.01.2019	30.01.2020	2nd yr
AP/D/00940	AP/D/2017/001164	22.01.2019	30.01.2020	2nd yr
AP/D/00941	AP/D/2017/001165	22.01.2019	30.01.2020	2nd yr
AP/D/00942	AP/D/2017/001166	22.01.2019	30.01.2020	2nd yr
AP/D/00943	AP/D/2017/001167	22.01.2019	30.01.2020	2nd yr
AP/D/00955	AP/D/2017/001168	14.12.2018	30.01.2020	2nd yr
AP/D/00979	AP/D/2016/001151	05.12.2018	06.12.2019	2nd yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR04848/GH	26/11/2018	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Substantive examination for patent application No. GH/P/14/00014 in the name of TECHNIP FRANCE
SR04860/BW	10/12/2018	BW	Substantive Examination	Companies and Intellectual Property Authority	Plant_Produced Chimaeric Orbivirus VLPs in the name of Cape Town and Onderstepoort Biological products Ltd
SR04867/ZM	20/12/2018	ZM	SDI	CHEWE CHITI	Information about ARIPO Services
SR04868/TZ	31/12/2018	TZ	SDI	LEXGLOBE LLP	Cost for cancelling an existing application and refilling
SR04869/NA	02/01/2019	NA	Copies of documents	ROLAND INTELLECTUAL PROPERTY CONSULTANTS	Request for copies of ARIPO designs
SR04874/NA	17/12/2018	NA	SDI	CRONJÉ & CO	Enquiry regarding restoration of a lapsed patent
SR04875/MZ	18/12/2018	MZ	SDI	ADAMS AND ADAMS MOZAMBIQUE	Cost for freedom to operate search at ARIPO PS4771ZA00DFT/HJB designating Ghana
SR04876/NA	03/01/2019	NA	Copies of documents	ROLAND INTELLECTUAL PROPERTY CONSULTANTS	Copies of documents granted AP 3836
SR04877/MZ	04/01/2019	MZ	SDI	ADAMS AND ADAMS MOZAMBIQUE	Cost estimates for for freedom to operate searches : for ARIPO patent designating Ghana
SR04878/NA	09/01/2019	NA		ROLAND INTELLECTUAL PROPERTY CONSULTANTS	Trademark search for BOOM in class 30
SR04879/MW	09/01/2019	MW	Bibliographic data-including status	FISHER CORMACK & BOTHA	Status search for Patent No. AP 1403 (Application No. AP/P/02/02487)
SR04880/UG	11/01/2019	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	USE OF RECOMBINANT SUBOLESIN (SUB) TICK ANTIGENS AS TICK VACCINES
SR04881/UG	14/01/2019	UG	Copies of documents	UGANDA REGISTRATION SERVICES BUREAU	Request Notification to grant of the patents and Industrial designs
SR04882/UG	15/01/2019	UG	Bibliographic data-including status	UGANDA REGISTRATION SERVICES BUREAU	REQUEST FOR TRADEMARKS AND PATENT STATISTICS OF EAST AFRICAN COUNTRIES
SR04883/GH	10/01/2019	GH	Copies of documents	REGISTRAR-GENERAL DEPARTMENT - GHANA	Request regarding copies of document of drawings
SR04884/MW	17/01/2019	MW	Copies of documents	FISHER CORMACK & BOTHA	Copy of granted claims : AP1434
SR04886/TN	21/01/2019	TN	SDI	BOHLI WALID	New water cleaning process Walid bohli contacted through ARIPO
SR04889/KE	22/01/2019	KE	SDI	JGIP CONSULTANTS	REQUEST FOR INFORMATION & ASSISTANCE regarding trademark registration plus fees
SR04891/ZW	14/01/2019	ZW	Information about ARIPO	CHANIWA FARISAI	Information about ARIPO Services
SR04899/ZW	07/01/2019	ZW	SDI	DUBE BRIGHTON	Information regarding registration of designs
SR04900/ZW	17/01/2019	ZW	SDI	NATIONAL EYE SECURITY	Information about ARIPO services
SR04901/DE	24/01/2019	DE	Information about ARIPO	General Petroleum GmbH	Information about ARIPO Services

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR04902/CN	14/01/2019	CN	Bibliographic data-including status	ABC TRADEMARK	Information on Trademark status AP/M/2018/003477 and AP/M/2018/003565
SR04903/ZW	28/01/2019	ZW		HUSSEIN RANCHHOD & CO	Mark availability search for 'AZSCORE'

Printed and published by the ARIPO Office, P.O. Box 4228, Harare, Zimbabwe.
Tel (+263 4) 794065/6/8/74.
Fax (+263 4) 794072/3.