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THE CEYLON GOVERNMENT GAZETTE

අංක 14,501 — 1965 සැප්තැම්බර් 9 වැනි බ්‍රහස්පතින්දා — 1965.9.9

No. 14,501—THURSDAY, SEPTEMBER 9, 1965

(Published by Authority)

PART I: SECTION (III)—TRADE MARK AND PATENT NOTICES

(Separate paging is given to each language of every Part in order that it may be filed separately)

	PAGE		PAGE
Trade Mark Notices	191	Notifications under the Designs Ordinance	195
Trade Mark Notifications	195	Miscellaneous	—
Notifications under the Patents Ordinance	—		

Note.—Part VI published with this issue contains a list of Jurors and Assessors.

Trade Mark Notices

Trade Marks Office

All communications relating to Trade marks should be addressed to the Registrar of Trade marks, Department of the Registrar of Companies, Block 5, Echelon Square, Colombo 1.

Hours of Inspection

The office shall be open to the public every week day, except Saturday, between the hours of ten to four, and on Saturdays between the hours of ten to one, except on public holidays. Applications for inspections will, however, be accepted up to 3 p.m. on week days and 12 noon on Saturdays.

Trade Marks limited to Colours

Where it is stated in the advertisement of an application that the mark upon its registration is to be limited to

certain colours, the colours are, as far as possible, indicated in the accompanying representation of the mark in the usual heraldic manner.

Association

Where it is stated that an advertised mark is to be associated (under Section 22 of the Trade Marks Ordinance (Cap. 121)) with another mark, it is indicated by its official number.

Applications in Part A or Part B

Applications for registration in Part A of the Register are shown with the official number unaccompanied by any letter. Applications for Part B of the Register are distinguished by the letter B prefixed to the official number.

OPPOSITION

NOTICE is hereby given that any person who has grounds of objection to the registration of the following trade marks may, within two months from the date of this Gazette, lodge Notice of Opposition on form T. M. No. 7 bearing an uncanceled or impressed stamp of Rs. 25. The period of lodging Notice of Opposition may be enlarged by the Registrar if he thinks fit and upon such terms as he may direct.

Formal opposition should not be lodged until after reasonable notice has been given by letter to the Applicant for registration so as to afford him an opportunity of withdrawing his application before the expense of preparing the Notice of Opposition is incurred. Failure to give such notice will be taken into account in considering any application by an Opponent for an Order of Costs if the opposition is uncontested by the Applicant.

**TRADE MARK APPLICATIONS ADVERTISED
BEFORE REGISTRATION**

(The Trade Marks Office does not guarantee the accuracy of these publications or undertake any responsibility for errors or omissions or their consequences)

(1) Trade Mark No. 25,743. (2) Date of Receipt: 15th May, 1964. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 50. (6) Goods: Toothbrushes and cleaning preparations. (7) Representation of the Trade Mark:

DUAL

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-829

(1) Trade Mark No. 26,697. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

DOYE

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-817

(1) Trade Mark No. 26,683. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

TIX

1. This mark is associated with trade mark No. 20,906.

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-820

(1) Trade Mark No. 26,678. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

SATURN

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-819

(1) Trade Mark No. 26,693. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

FLOX

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-816

(1) Trade Mark No. 26,690. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

WELCOME

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-818

(1) Trade Mark No. 26,694. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

CLARAX

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-827

(1) Trade Mark No. 26,695. (2) Date of Receipt: 19th April, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company) Port Sunlight, Cheshire, England; manufacturers. (4) Address for service in the Island: G. Jayasuriya, 258, Grandpass Road, Colombo 14. (5) Class: 47. (6) Goods: All goods in the class. (7) Representation of the Trade Mark:

HUM

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-821

(1) Trade Mark No. 26,482. (2) Date of Receipt: 25th February, 1965. (3) Applicant (Proprietor of the Trade Mark): UNILEVER LIMITED (a British Company); Port Sunlight, Cheshire, England; Soap manufacturers. (4) Address for service in the Island: Messrs. Lever Brothers (Ceylon) Limited, P. O. Box 283, Colombo 3. (5) Class: 42. (6) Goods: Edible Oils and Edible Fats and other foodstuffs. (7) Representation of the Trade Mark:

DIOX

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 3rd August, 1965.

9-824

(1) Trade Mark No. 25,641. (2) Date of Receipt: 17th April, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugeau, 2nd Floor, Hemas Building, York Street, Colombo. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

CHORISTERON

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 7th August, 1965.

9-1100

(1) Trade Mark No. 25,698. (2) Date of Receipt: 7th May, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

OXYSTIN

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 14th August, 1965.

9-1111

(1) Trade Mark No. 25,668. (2) Date of Receipt: 28th April, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

FOLISTIMAN

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 7th August, 1965.

9-1102

(1) Trade Mark No. 25,704. (2) Date of Receipt: 7th May, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

SCOPAMINOL

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 14th August, 1965.

9-1109

(1) Trade Mark No. 25,723. (2) Date of Receipt: 11th May, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Chemicals used in pharmaceutical preparations and pharmaceutical preparations. (7) Representation of the Trade Mark:

YERMITIN

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 7th August, 1965.

9-1101

(1) Trade Mark No. 25,706. (2) Date of Receipt: 7th May, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

PERMOGNOST

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 14th August, 1965.

9-1108

(1) Trade Mark No. 25,705. (2) Date of Receipt: 7th May, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

SILIBOYON

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 14th August, 1965.

9-1099

(1) Trade Mark No. 25,707. (2) Date of Receipt: 7th May, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

SPASDOLSIN

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 7th August, 1965.

9-1104

(1) Trade Mark No. 25,039. (2) Date of Receipt: 29th April, 1964. (3) Applicant (Proprietor of the Trade Mark): VEB Arzneimittelwerk Dresden (a National Corporation organised under the laws of the German Democratic Republic) Radebeul 1, Wilhelm Pieck-Strasse 35, German Democratic Republic; manufacturers. (4) Address for service in the Island: Mr. V. Murugesu, 2nd Floor, Hemas Building, York Street, Colombo 1. (5) Class: 3. (6) Goods: Pharmaceutical preparations. (7) Representation of the Trade Mark:

GONABION

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 7th August, 1965.

9-1103

(1) Trade Mark No. 26,001. (2) Date of Receipt: 5th August, 1964. (3) Applicant (Proprietor of the Trade Mark): BATA SHOE COMPANY OF CEYLON LIMITED, a Company duly organized under the Companies Ordinance of Ceylon, Airport Road, Ratmalana, Mount Lavinia, (Ceylon); manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo. (5) Class: 38. (6) Goods: Footwear. (7) Representation of the Trade Mark:



1. This Trade Mark is to be associated with Trade Mark Nos. 9695, 17280, 25997, 25998, 25999 and 26000.
2. Registration of this Trade Mark shall give no right to the exclusive use of the word "Strong".

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 11th January, 1965.

9-813

(1) Trade Mark No. 26,008. (2) Date of Receipt: 5th August, 1964. (3) Applicant (Proprietor of the Trade Mark): BATA SHOE COMPANY OF CEYLON LIMITED, a Company duly organized under the Companies Ordinance of Ceylon, Airport Road, Ratmalana, Mount Lavinia, (Ceylon); manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo. (5) Class: 38. (6) Goods: Footwear. (7) Representation of the Trade Mark:



1. This Trade Mark is to be associated with Trade Mark Nos. 9695, 17280, 25997 and 26007.

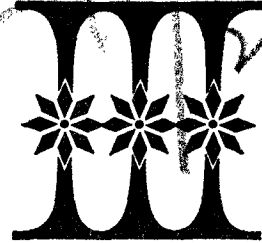
2. Registration of this Trade Mark shall give no right to the exclusive use of the word "Gaiety".

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 11th January, 1965.

9-814

(1) Trade Mark No. 26,504. (2) Date of Receipt: 4th March, 1965. (3) Applicant (Proprietor of the Trade Mark): RICHARD HUDNUT (a corporation organised and existing under the laws of the State of New York, United States of America), located and doing business at 201, Tabor Road, Morris Plains, State of New Jersey, United States of America; manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo 1. (5) Class: 48. (6) Goods: Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap). (7) Representation of the Trade Mark:



Registration of this trade mark shall give no right to the exclusive use of the Roman Numeral III.

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 1st June, 1965.

9-811

(1) Trade Mark No. 26,015. (2) Date of Receipt: 5th August, 1964. (3) Applicant (Proprietor of the Trade Mark): BATA SHOE COMPANY OF CEYLON LIMITED, a Company duly organized under the Companies Ordinance of Ceylon, Airport Road, Ratmalana, Mount Lavinia, (Ceylon); manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo. (5) Class: 38. (6) Goods: Footwear. (7) Representation of the Trade Mark:



1. This Trade Mark is to be associated with Trade Mark Nos. 9695, 17280, 25997 and 26014.

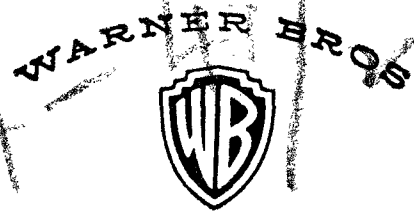
2. Registration of this Trade Mark shall give no right to the exclusive use of the word "Chappals".

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 11th January, 1965.

9-810

(1) Trade Mark No. 23,790. (2) Date of Receipt: 1st August, 1962. (3) Applicant (Proprietor of the Trade Mark): WARNER BROS. PICTURE, INC., a corporation organized and existing under the laws of the State of Delaware, United States of America, 666, Fifth Avenue, City and State of New York, United States of America; manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo. (5) Class: 8. (6) Goods: Phonograph records and tape recordings. (7) Representation of the Trade Mark:



1. This Trade Mark is to be associated with Trade Mark No. 6702.

2. Registration of this Trade Mark shall give no right to the exclusive use of the surname WARNER and the letters W. & B.

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 10th September, 1962.

9-812

(1) Trade Mark No. 26,021. (2) Date of Receipt: 5th August, 1964. (3) Applicant (Proprietor of the Trade Mark): BATA SHOE COMPANY OF CEYLON LIMITED, a Company duly organized under the Companies Ordinance of Ceylon, Airport Road, Ratmalana, Mount Lavinia, (Ceylon); manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo. (5) Class: 38. (6) Goods: Footwear. (7) Representation of the Trade Mark:



1. This Trade Mark is to be associated with Trade Mark Nos. 9395, 17280, 25997 and 26020.

2. Registration of this Trade Mark shall give no right to the exclusive use of the word "Italiano".

W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 11th January, 1965.

9-815

(1) Trade Mark No. 25,682. (2) Date of Receipt: 30th April, 1964. (3) Applicant (Proprietor of the Trade Mark): AMERICAN HOME PRODUCTS CORPORATION, (a Corporation of the State of Delaware) 685, Third Avenue, New York 17, New York, United States of America; manufacturers. (4) Address for service in the Island: Messrs. Julius & Creasy, P. O. Box 154, Colombo. (5) Class: 3. (6) Goods: Medicinal and pharmaceutical preparations. (7) Representation of the Trade Mark:



W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 14th August, 1965.

9-1110

(1) Trade Mark No. 20,650. (2) Date of Receipt: 13th November, 1959. (3) Applicant (Proprietor of the Trade Mark), JOHAN MUSTAD, CLARIN MUSTAD, KRISTEN MUSTAD AND JOHAN NORDAHL MUSTAD, trading as O. MUSTAD & SON, Kongensga. 1 & 3, C. o., Norway; manufacturers. (4) Address for service in the Island: Messrs. Julius & Cleasy, P. O. Box 154, Colombo. (5) Class: 13. (6) Goods: Fish Hooks. (7) Representation of the Trade Mark:



W. M. SELLAYAH,
Registrar of Trade Marks.

Department of Registrar of Companies,
Colombo, 24th May, 1965.

9-808

the point of withdrawal of selectively sorbent component and desorbent an equal increment along the path of flow of said circulating fluid.

There are 10 claims and 2 sheets of drawings.

No. 5,446 of 6th June, 1964. (Registration of U. K. Patent No. 904,732 of 19.1.61 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

"Process for hydrogenating aromatic hydrocarbons".

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. Process for hydrogenating aromatic hydrocarbons with hydrogen in the presence of a noble metal catalyst at elevated temperatures not exceeding 427°C. and at superatmospheric pressure, characterized thereby that the substantially complete saturation of the aromatic hydrocarbon with hydrogen is effected in the presence of a catalyst which consists of an alumina-containing refractory oxide carried and minor amounts of a platinum group metal and of at least one metal of the group of the alkali and alkaline-earth metals.

There are 8 claims and 1 sheet of drawing.

S. L. DE SILVA,
Registrar of Patents.

Colombo, 21st July, 1965.

9-311/2

NOTICE

THE following specification has been accepted:—

No. 5,447 of 6th June, 1964. (Registration of U. K. Patent No. 913,731 of 8.8.61 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

"Separating hydrocarbons by a solvent extraction process".

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. A solvent extraction process wherein a hydrocarbon mixture containing aromatic and non-aromatic hydrocarbons is contacted in an extraction zone with a solvent composition which selectively dissolves the aromatic component of said mixture and which contains water and an organic solvent boiling above said aromatic component, resulting raffinate and an extract phase containing dissolved aromatic component are separately removed from said extraction zone, said extract phase is thereafter subjected to a distillation in a distilling zone, and an overhead distillate vapor stream containing only a portion of the extracted aromatic component and a vaporous side cut stream containing stream and aromatic hydrocarbon vapor are separately removed from said distilling zone, characterized in that said vaporous side cut stream is supplied from said distilling zone directly to a separate rectifying zone and therein is separated by fractionation into an aromatic extract fraction and an aqueous distillate substantially free from solvent, and said extract fraction and said raffinate are washed with said aqueous distillate.

There are 7 claims and 1 sheet of drawings.

S. L. DE SILVA,
Registrar of Patents.

Colombo, 21st July, 1965.

9-311/3

NOTICE

THE following specification has been accepted:—

No. 5,448 of 6th June, 1964. (Registration of U. K. Patent No. 917,469 of 13.2.61 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

"Hydrocracking Catalyst".

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. A process for preparing a hydrocracking catalyst characterized in that a refractory solid support having cracking activity and consisting essentially of silica and at least one oxid of the group of alumina, magnesia, zirconia and thoria is impregnated with a solution of at least one of the compounds of the metals of Group VI A and VIII of the Periodic Table of Elements, said solution constituting the source of an active

Trade Mark Notifications

ERRATA

IN the notice relating to Trade Mark No. 26,043 advertised in the *Ceylon Government Gazette* No. 14,427 of June 18, 1965, item (3) Applicant (Proprietor of the Trade Mark) should read as:—COOPER, McDOUGALL & ROBERTSON LIMITED (a British Company) of Chemical Works, Ravens Lane, Berkhamstead, Hertfordshire; England; manufacturers and merchants.

W. M. SELLAYAH,
Registrar of Trade Marks.

Colombo, 1st September, 1965.

9-281

Notifications under the Patents Ordinance

NOTICE

THE following specification has been accepted:—

No. 5,445 of 6th June, 1964. (Registration of U. K. Patent No. 879,687 of 3.7.59 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

"Continuous sorption process".

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. In a continuous sorption process for fractionating a fluid charge mixture of several components wherein one of said components is selectively sorbed during contact of said charge mixture with a solid sorbent, unsorbed component of said mixture is withdrawn from contact with said sorbent and selectively sorbed component is displaced from the sorbent by a fluid desorbent, the improvement which comprises maintaining a continuous cyclic circulation of fluid successfully through four serially connected processing zones of a stationary mass of said solid sorbent and from the outlet of the last zone back to the inlet of the first zone, continuously introducing said fluid charge mixture into the circulating fluid at the inlet of the first zone, continuously withdrawing unsorbed component from the circulating fluid at the outlet of the first zone, continuously introducing desorbent into the circulating fluid at the inlet of the third zone, continuously withdrawing selectively sorbed component and desorbent from the circulating fluid at the outlet of the third zone, and periodically advancing the four zones in said stationary sorbent mass by simultaneously advancing the point of introduction of said charge mixture, the point of withdrawal of unsorbed component, the point of introduction of desorbent, and

hydrogenating metal component in the final catalyst, the impregnated support is heated in an oxidizing atmosphere at a temperature substantially in the range of from 700° to 760°C, for a period of from 1 to 8 hours and the thus oxidized composite is subjected to a reducing treatment with hydrogen at an elevated temperature.

There are 10 claims 5 examples.

Colombo, 21st July, 1965.
9-311/4

S. L. DE SILVA,
Registrar of Patents.

NOTICE

THE following specification has been accepted:—

No. 5,449 of 6.6.64. (Registration of U. K. Patent No. 931,824 of 19.3.62 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

“Hydrocarbon oil hydrofining and cracking process”.

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. A process for the conversion of a gasoline-free heavy hydrocarbon oil charge containing nitrogenous compounds and hydrocarbons boiling above 415°C. which comprises cracking a stream of said heavy oil charge in a first reaction zone with formation of an intermediate product boiling above the basoling range and having an end boiling point in the range of from 400° to 435°C., separating said intermediate product in a primary fractionation zone from the higher boiling components of the normally liquid hydrocarbon effluent of said first reaction zone, reacting said intermediate product in a second reaction zone with hydrogen in the presence of a nitrogen-insensitive catalyst having hydrogenating activity with formation of ammonia from nitrogenous compounds, separating ammonia from the normally liquid hydrocarbon effluent of said second reaction zone, thereafter hydrocracking the normally liquid hydrocarbon effluent of the second reaction zone in a third reaction zone in the presence of added hydrogen and a hydrocracking catalyst, separating a hydrogen distillate product which is substantially free from nitrogen and has an end boiling point in the range of from 340° to 370°C., in a secondary fractionation zone from the higher boiling components of the normally liquid hydrocarbon effluent of said third reaction zone, returning a stream of said higher boiling components from said secondary fractionation zone to said third reaction zone, and withdrawing said hydrocarbon distillate product from the process.

There are 13 claims and 1 sheet of drawings.

S. L. DE SILVA,
Registrar of Patents.

Colombo, 21st July, 1965.
9-311/5

NOTICE

THE following specification has been accepted:—

No. 5,450 of 6th June, 1964. (Registration of U. K. Patent No. 933,489 of 15.3.61 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

“Process of hydrocracking hydrocarbon oils”.

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. A process for catalytically hydrocracking a petroleum hydrocarbon charge contaminated with a naturally-occurring, organic nitrogenous compound detrimental to the hydrocracking catalyst which comprises contacting said charge at a temperature of from 315°C. to 482°C., in the presence of an excess of hydrogen at a pressure of substantially from 34 to 204 atmospheres with a hydrorefining catalyst comprising a Group VI metal and an iron group metal of the elements of Group VIII of the Periodic Table supported on an inert refractory metal oxide base and at a space velocity of the charge relative to the catalyst at which substantially all of the nitrogen in said nitrogenous compound is converted to ammonia and the nitrogen content of said charge is reduced to less than one part per million parts by weight of said charge, separating said ammonia from the reaction product and thereafter contacting the normally liquid portion of said reaction product at a temperature of from 260° to 538°C., in the presence of hydrogen at a pressure of from 34

to 204 atmospheres with a hydrocracking catalyst comprising a metal selected from the elements of Group VIII of the Periodic Table on an acidic cracking catalyst support.

There are 5 claims and 1 sheet of drawings.

S. L. DE SILVA,
Registrar of Patents.

Colombo, 21st July, 1965.
9-311/6

NOTICE

THE following specification has been accepted:—

No. 5,451 of 6th June, 1964. (Registration of U. K. Patent No. 934,382 of 24.3.61 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

“Hydrocracking process”.

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. Process for the catalytic hydrocracking of hydrocarbons which comprises reacting a stream of hydrocarbon oil charge boiling at least predominantly above 204°C. and containing nitrogenous compounds in a first reaction zone with hydrogen in the presence of a nitrogen-insensitive hydrorefining catalyst with formation of ammonia from said nitrogenous compounds, removing the ammonia from the effluent of said first reaction zone, then separating from said effluent a light normally liquid fraction having an end boiling point of from 204° to 232°C., and also separating from said effluent a heavier fraction containing effluent components boiling between the end boiling point of said light fraction and 343°C., reacting a stream of said heavier fraction in a second reaction zone with hydrogen in the presence of a nitrogensensitive hydrocracking catalyst, and commingling at least the normally liquid portion of the effluent of said second reaction zone with the normally liquid portion of the effluent of the said first reaction zone prior to the separation of the said light fraction therefrom.

There are 12 claims and 1 sheet of drawings.

S. L. DE SILVA,
Registrar of Patents.

Colombo, 21st July, 1965.
9-311/7

NOTICE

THE following specification has been accepted:—

No. 5,452 of 6th June, 1964. (Registration of U. K. Patent No. 939,200 of 8.11.61 under section 46).

UNIVERSAL OIL PRODUCTS COMPANY.

“Process for catalytic hydrocracking of high boiling hydrocarbon oil”.

Abstract.—The nature of the invention can be ascertained from claim 1 which reads as follows:—

1. Process for converting a high boiling hydrocarbon oil into more valuable lower boiling hydrocarbon products in the presence of added hydrogen and a hydrocracking catalyst characterized in that hydrocarbon oil charge at least predominantly boiling above 343°C. and containing nitrogenous and sulfurous hydrocarbon derivatives is converted in high weight yield into lower boiling normally liquid hydrocarbons substantially free from nitrogen and sulfur by contacting a mixture of said hydrocarbon oil and recirculated heavy oil in a reaction zone in the presence of from 35.6 to 178 normal cubic meters of hydrogen per hectoliter or normally liquid hydrocarbons at a temperature in the range of from 316° to 454°C. and a pressure of from 54.5 to 204 atmospheres with a catalyst in which a catalytic composite of from 20 per cent. to 50 per cent. by weight of silica and from 50 per cent. to 80 per cent. by weight of alumina contains in excess of 10 per cent. and not more than 30 per cent. by weight of molybdenum and from 1 per cent. to 6 per cent. by weight of nickel (said molybdenum and nickel being present as the elements or compounds thereof and amounts thereof being calculated as the elements and based upon the weight of said alumina-silica composite) at a space velocity of at least 0.5 liquid volumes of the normally liquid hydrocarbons per hour per volume of said catalyst, separating hydrogen sulfide and ammonia from the effluent of the reaction zone and also separating a hydrogen-rich gas from said effluent, thereafter separating the normally liquid hydrocarbons of said effluent by fractionation into gasoline—and middle distillate fractions and into a higher boiling oil fraction having an initial boiling point in the range of from 343° to 371°C. and returning said higher boiling oil fraction as said recirculated heavy oil to said reaction zone.

There are 5 claims and 1 sheet of drawings.

S. L. DE SILVA,
Registrar of Patents.

Colombo, 21st July, 1965.
9-311/8

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