506174854 07/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6221592

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OMER REFA KOSEOGLU	06/16/2020
ROBERT PETER HODGKINS	07/08/2020

RECEIVING PARTY DATA

Name:	SAUDI ARABIAN OIL COMPANY
Street Address:	P.O. BOX 5000
City:	DHAHRAN
State/Country:	SAUDI ARABIA
Postal Code:	31311

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16940711

CORRESPONDENCE DATA

Fax Number: (937)449-6405

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: daytonipdocket@dinsmore.com
Correspondent Name: DINSMORE & SHOHL, LLP

Address Line 1: FIFTH THIRD CENTER, ONE SOUTH MAIN STREET

Address Line 2: SUITE 1300

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ATTORNEY DOCKET NUMBER:	SA6480/SA 6480 PA
NAME OF SUBMITTER:	DELANEY M. DENTON
SIGNATURE:	/Delaney M. Denton/
DATE SIGNED:	07/28/2020

Total Attachments: 4

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> PATENT REEL: 053328 FRAME: 0242

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ASSIGNMENT

WHEREAS, we, Omer Refa Koseoglu of Dhahran, Saudi Arabia and Robert Peter Hodgkins of Dhahran, Saudi Arabia, hereinafter called the ASSIGNORS, invented certain new and useful HYDROCRACKING CATALYSTS CONTAINING RARE EARTH CONTAINING POST-MODIFIED USY ZEOLITE, METHOD FOR PREPARING HYDROCRACKING CATALYSTS, AND METHOD FOR HYDROCRACKING HYDROCRACKING CATALYSTS, for which the ASSIGNORS executed a United States Non-Provisional Patent Application, filed on July 28, 2020, under

Patent Application Ser	ial No.:	16/940,711	
Attorney Docket No.:	SA6	<u>480/SA 6480 PA</u>	

WHEREAS, the ASSIGNORS hereby authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

WHEREAS, Saudi Arabian Oil Company, a corporation of Saudi Arabia, with a place of business at P.O. Box 5000, Dhahran 31311, Kingdom of Saudi Arabia, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNORS to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the above referenced application to the Assignee;

NOW, THEREFORE, in consideration of the sum of One Dollar (US \$1.00) or other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the right to claim priority, in and to said application, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, all GCC Member States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNORS hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been

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PATENT REEL: 053328 FRAME: 0243 held by ASSIGNORS had this assignment and sale not been made; and

ASSIGNORS hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

ASSIGNORS hereby does agree that, upon request, ASSIGNORS will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

ASSIGNORS:

IN WITNESS WHEREOF, the ASSIGNORS have hereunto set his hand and seal.

Inventor 1: 0	mer Refa Koseoglu
Signed:	. 7
	ton see
Printed Name:	OMER REFA (COSEOSILY
Date:	06-16-2020

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PATENT REEL: 053328 FRAME: 0244

Inventor 2: Robert Peter Hodgkins	
Signed:	
Printed Name:	ROBERT HOUGENS
Date:	07/02/2020

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Acceptance of Assignment

WHEREAS, from time to time, ASSIGNORS named as inventors in particular United States Patent Applications filed on behalf of the Saudi Arabian Oil Company, a corporation of Saudi Arabia, with a place of business at P.O. Box 5000, Dhahran 31311, Kingdom of Saudi Arabia, hereinafter called the ASSIGNEE, including those inventors named in the ASSIGNMENT attached hereto, will assign particular rights in the patent application, and related patent applications, to the ASSIGNEE;

WHEREAS, the ASSIGNEE hereby authorizes and requests the attorneys and/or agents recording the aforementioned ASSIGNMENT, to insert the application number, filing date, and attorney docket number of the patent application that is the subject of the aforementioned ASSIGNMENT, below;

Application Data:	
Application Number:	16940711
Filing Date:	07/28/2020
Attorney Docket No:	SA6480/SA 6480 PA

AND, WHEREAS, ASSIGNEE hereby accepts and receives the aforementioned ASSIGNMENT upon execution by ASSIGNOR, which execution may precede or follow ASSIGNEE'S execution below:

Assignee:	
Signed:	Ch G.Ca.
Printed Name:	Aaron K. Adkins
Title:	Assistant Corporate Secretary
Date:	September 9, 2018
Witness:	
Signed:	Receivedage De
	Laurie Paige Burns
Title:	Paralegal I
Date:	September 9, 2018

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RECORDED: 07/28/2020