PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5119650

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABDULLAH AL-YAMI	02/04/2018
ALI ALSAFRAN	02/02/2018
VIKRANT WAGLE	02/06/2018
HUSSAIN ALBAHRANI	02/05/2018
ZAINAB ALSAIHATI	02/04/2018

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:	16117950

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.

Phone: 937/449-6400

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

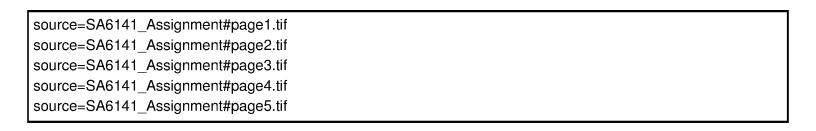
Address Line 1: FIFTH THIRD CENTER, ONE S. MAIN STREET

Address Line 2: SUITE 1300

Address Line 4: DAYTON, OHIO 45402

Total Attachments, 5	
DATE SIGNED:	08/30/2018
SIGNATURE:	/Theresa Oldfield/
NAME OF SUBMITTER:	THERESA.OLDFIELD
ATTORNEY DOCKET NUMBER:	SA6141/SA 6141 PA

Total Attachments: 5



ASSIGNMENT

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of
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Patent Application Serial No.: 16/117,950
Attorney Docket No.: SA 6141 PA / 77097-6141

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

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which said Letters Patents may be granted, as fully and entirely as the same would have been 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:	
Signed:	The
Printed Name:	Abdullah Al-Yami
Date:	Feb. 4rh, 2018
Witness:	
Signed:	Any
Printed Name:	JOHN BASE RAMASAMY
Title:	Pet-scientist
Date:	2/7/2018

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Inventor 2:	
Signed:	- Ste
Printed Name:	Ali Alsafran
Date:	2/Feb/2018
Witness:	
Signed:	- Any
Printed Name:	JOIHBASU RAMASAMY
Title:	Pet- Scientist
Date:	2/7/2018

Inventor 3:	
Signed:	Durch
Printed Name:	Vikrant Wagle
Date:	4m Res 2018
Witness:	
Signed:	- offing
Printed Name:	JOHNBON RAMASAMY
Title:	Pat- Scientist
Date:	2/7/2018

Assignment: Page 3 of 5 SA 6141 PA / 77097-6141

Inventor 4:	
Signed:	482
Printed Name:	Hussain Albahrani
Date:	2/5/2018
Witness:	
Signed:	_ Amy
Printed Name:	JOTHBAS PAMASAMY
Title:	Pet - Scientist
Date:	2/7/2018

Inventor 5:	
Signed:	744
Printed Name:	Zainab Alsaihati
Date:	2/4/2018
Witness:	
Signed:	Amy
Printed Name:	TOTHERASO RAMASAMY
Title:	Pet-Scientist
Date:	2/7/2018

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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:	
Filing Date:	August 30, 2018
Attorney Docket No:	SA6141/SA 6141 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:	
Printed Name:	Melton E. Knotts
Title:	Assistant Corporate Secretary
Date:	February 11, 2018
Witness:	
Signed:	Kewielaige Sures
Printed Name:	Laurie Paige Burns
Title:	Paralegal
Date:	February 11, 2018

RECORDED: 08/30/2018