

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5659432

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SAUDI ARAMCO TECHNOLOGIES COMPANY	06/17/2019
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:	16156634
CORRESPONDENCE DATA		
Fax Number:	(937)449-6405	
<i>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.</i>		
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	
ATTORNEY DOCKET NUMBER:	SA6179/SA 6179 PA	
NAME OF SUBMITTER:	THERESA OLDFIELD	
SIGNATURE:	/Theresa Oldfield/	
DATE SIGNED:	08/08/2019	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS the inventors in the United States Patent Application identified below have assigned or are under an obligation to assign their entire right, title, and interest in and to the aforementioned patent application, and to all US or foreign patent applications claiming priority thereto (hereinafter the Patent Family), and the inventions therein described, to **Aramco Services Company**;

WHEREAS **Aramco Services Company**, a corporation of the State of Delaware, with a place of business at 1200 Smith Street, Two Allen Building, Houston, Texas 77002 has assigned or is under an obligation to assign its entire right, title, and interest in and to the Patent Family, and the inventions therein described, to **Saudi Aramco Technologies Company**, a Limited Liability Company organized under the laws of the Kingdom of Saudi Arabia, with a business address of 1 Eastern Avenue, Dhahran 31311, Saudi Arabia;

WHEREAS, **Saudi Arabian Oil Company**, a corporation of Saudi Arabia, with a place of business at P.O. Box 5000, Dhahran 31311, Saudi Arabia (hereinafter referred to as *ASSIGNEE*) is desirous of acquiring the entire right, title and interest in and to the Patent Family, and the inventions therein described;

WHEREAS, it is the intent of **Saudi Aramco Technologies Company** 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 *ASSIGNEE*;

AND WHEREAS, **Saudi Aramco Technologies Company** 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 United States Patent Application that is the subject of this ASSIGNMENT below;

<i>Application Data:</i>	
Application Number:	16/156,634
Filing Date:	October 10, 2018
Attorney Docket No.	SA6179/ASC0382-US01-NP/SA 6179 PA

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, **Saudi Aramco Technologies Company** hereby sells, assigns, and transfers unto *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;

Saudi Aramco Technologies Company hereby authorizes and requests 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 *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 held by Saudi Arabian Technology Company had this assignment and sale not been made; and

Saudi Aramco Technologies Company hereby authorizes 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

Saudi Aramco Technologies Company hereby does agree that, upon request, it 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.

IN WITNESS WHEREOF, for Saudi Aramco Technologies Company

Saudi Aramco Technologies Company	
Signed:	
Printed Name:	Kwadjo S. Adusei-Poku
Title:	Chief Legal Officer of Saudi Aramco Technologies Company
Date:	June 17, 2019
Witness:	
Signed:	
Printed Name:	Laurie Paige Burns
Title:	Paralegal I

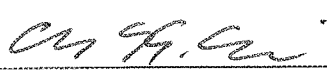
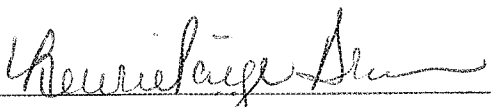
Acceptance of Assignment

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:	16/156,634
Filing Date:	October 10, 2018
Attorney Docket No:	SA6179/ASC0382-US01-NP/SA 6179 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:	Aaron K. Adkins
Title:	Assistant Corporate Secretary
Date:	September 9, 2018
Witness:	
Signed:	
Printed Name:	Laurie Paige Burns
Title:	Paralegal I
Date:	September 9, 2018