

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6005358

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the MISSPELLING OF ASSIGNEE previously recorded on Reel 050357 Frame 0975. Assignor(s) hereby confirms the CORRECT NAME OF ASSIGNEE TO SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY.	
RESUBMIT DOCUMENT ID:	505848747	
CONVEYING PARTY DATA		
	Name	Execution Date
	ARAMCO SERVICES COMPANY	12/05/2019
RECEIVING PARTY DATA		
Name:	SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY	
Street Address:	1 EASTERN AVENUE	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31311	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16568693
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 SOUTH MAIN STREET	
Address Line 2:	SUITE 1300	
Address Line 4:	DAYTON, OHIO 45402-2023	
ATTORNEY DOCKET NUMBER:	SA6249/SA 6249 PA	
NAME OF SUBMITTER:	SARAH WILSON	
SIGNATURE:	/Sarah Wilson/	
DATE SIGNED:	03/10/2020	
Total Attachments: 11		
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

March 04, 2020

PTAS

DINSMORE & SHOHL LLP
FIFTH THIRD CENTER, ONE SOUTH MAIN
STREET
SUITE 1300
DAYTON, OH 45402-2023



505848747

United States Patent and Trademark Office Notice of Non-Recordation of an Assignment Document

The enclosed document has been examined and found non-recordable by the Assignment Recordation Branch of the U.S. Patent and Trademark Office. The reason(s) for non-recordation are stated below:

1. The document submitted to correct errors in the previously recorded document is not acceptable. To correct an error in the recorded document, you must file a new cover sheet stating the error and the nature of conveyance, attach the previously recorded cover sheet which contains the error and the supporting document and pay the recording fees as set forth in 37 C.F.R. §3.34

Documents being resubmitted for recordation must reflect the corrected information to be recorded, the Document ID number referenced above and all pages from this submitted document. The original date of filing of this assignment document will be maintained if resubmitted with the appropriate correction(s) by **Monday, May 4, 2020**, as outlined under 37 CFR 3.51. The resubmitted document must include a stamp with the official date of receipt under 37 CFR 3. Applicants may use the certified procedures under 37 CFR 1.8 or 1.10 for resubmission of the returned papers if they desire to have the benefit of the date of deposit in the United States Postal Service.

To file the resubmission electronically, navigate to the EPAS website at <http://epas.uspto.gov>, click the Start Resubmission button and enter the following information:

Document ID: 505848747

Access Code: ERWH04AZGFAN6W

To file the resubmission in paper, send documents to: U.S. Patent and Trademark Office, Mail Stop: Assignment Recordation Branch, P.O. BOX 1450, Alexandria, VA 22313. If you have any questions regarding this notice, you may contact the Assignment Recordation Branch at 571-272-3350.

STEFANIE BRYCE
ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5895683

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the MISSPELLING OF ASSIGNEE previously recorded on Reel 050357 Frame 0975. Assignor(s) hereby confirms the CORRECT NAME OF ASSIGNEE TO SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY.	
CONVEYING PARTY DATA		
Name		Execution Date
ARAMCO SERVICES COMPANY		12/05/2019
RECEIVING PARTY DATA		
Name:	SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY	
Street Address:	1 EASTERN AVENUE	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31311	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16568693	
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 SOUTH MAIN STREET	
Address Line 2:	SUITE 1300	
Address Line 4:	DAYTON, OHIO 45402-2023	
ATTORNEY DOCKET NUMBER:	SA6249/SA 6249 PA	
NAME OF SUBMITTER:	SARAH WILSON	
SIGNATURE:	/Sarah Wilson/	
DATE SIGNED:	01/06/2020	
Total Attachments: 4		
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source=Signed Multiple Assignment - ASC to SAUTC#page3.tif		

ASSIGNMENT

WHEREAS, **Aramco Services Company**, a Company in the State of Texas, with a place of business at 1200 Smith Street, Two Allen Building, Houston, Texas 77002 (hereinafter referred to as Assignor), invented certain new and useful inventions for which the *ASSIGNOR* executed multiple U.S. Patent Applications listed on the schedule below.


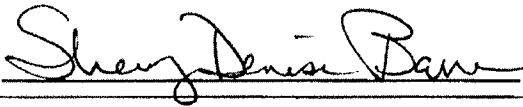
SCHEDULE:		
Docket No:	Application No.	Title:
SA6213/ASC0310-US02-NP/SA 6213 PA	16/410,563	NANOCOMPOSITE COATED PROPPANTS AND METHODS OF MAKING AND USE THEREOF
SA6213/ASC:IP-18-259/SA 6213 M2	62/795,110	NANOCOMPOSITE COATED PROPPANTS AND METHODS OF MAKING AND USE THEREOF
SA6213/ASC-IP-18-259/SA 6213 MA	62/671,183	NANOCOMPOSITE COATED PROPPANTS AND METHODS OF MAKING AND USE THEREOF
SA6228/ASCIP-18-271/SA 6228 MA	62/771,369	CEMENT SLURRIES, CURED CEMENT AND METHODS OF MAKING AND USE THEREOF
SA6240/ASC:IP-18-274/SA 6240 MA	62/877,036	METHODS OF DETERMINING WELLBORE INTEGRITY
SA6249/ASC:IP-18-283/SA 6249 PA	16/568,693	CHARGED COMPOSITE MATERIALS, METHODS OF SYNTHESIZING, AND METHODS OF USE
SA6249/ASC:IP-18-283/SA 6249 MA	62/730,990	CHARGED HYBRID MATERIALS, METHODS OF SYNTHESIZING, AND METHODS OF USE

WHEREAS, **Saudi Aramco Upstream Technology 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 (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest in and to the aforesaid Patent Family, and the inventions therein described;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, Assignor hereby sells, assigns and transfers unto said Assignee, its successors and assigns, the entire right, title and interest in and to the Patent Family, and the inventions therein disclosed, and any improvements thereon, the same to be held and enjoyed by the said Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the full end of the term for which said Patent Family has been granted or may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of said Patent Family, with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

ASSIGNOR:

IN WITNESS WHEREOF, the *ASSIGNOR* has hereunto set their hand and seal.

<i>Assignor: Aramco Services Company</i>	
Signed:	
Printed Name:	Bobby Horton
Printed Title:	General Counsel and Corporate Secretary
Date:	<i>December 5, 2019</i>
<i>Witness:</i>	
Signed:	
Printed Name:	<i>Sherry Banera</i>
Title:	<i>Budget Analyst</i>

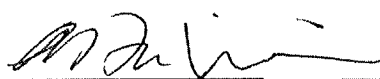
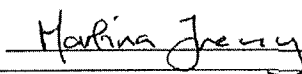
ACCEPTANCE OF ASSIGNMENT

WHEREAS, from time to time, ASSIGNOR, **Aramco Services Company**, named as Applicant in particular United States Patent Application(s) filed on behalf of **Saudi Aramco Upstream Technology Company**, a Limited Liability Company, with a business address of 1 Eastern Avenue, Dhahran 31311, Saudi Arabia, hereinafter called the ASSIGNEE, including those inventors named in the ASSIGNMENT attached hereto, will assign particular rights in the Patent Application(s) 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;

<i>Application Data:</i>	
Application Number:	See attached schedule
Filing Date:	See attached schedule
Attorney Docket No.	See attached schedule

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

<i>Assignee: Saudi Aramco Upstream Technology Company</i>	
Signed:	
Printed Name:	Ashraf M. Al-Tahini
Title:	Chief Operating Officer of SAUTC
Date:	October 24, 2019
<i>Witness:</i>	
Signed:	
Printed Name:	Martina Treacy
Title:	Sr. Secretary, EXPEC ARC
Date:	October 24, 2019



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 13, 2019

PTAS

DINSMORE & SHOHL LLP
FIFTH THIRD CENTER, ONE SOUTH MAIN
STREET
SUITE 1300
DAYTON, OH 45402-2023

505668728

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/12/2019

REEL/FRAME: 050357/0199
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: SA6249/SA 6249 PA

ASSIGNOR:
ARAMCO SERVICES COMPANY

DOC DATE: 08/05/2019

ASSIGNEE:
SAUDI ARABIAN UPSTREAM TECHNOLOGY
COMPANY
1 EASTERN AVENUE
DHAHRAN, SAUDI ARABIA 31311

APPLICATION NUMBER: 16568693
PATENT NUMBER:
TITLE: CHARGED COMPOSITE MATERIALS, METHODS OF SYNTHESIZING, AND
METHODS OF USE

FILING DATE:
ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION

505668728 09/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5715535

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
ARAMCO SERVICES COMPANY		08/05/2019
RECEIVING PARTY DATA		
Name:	SAUDI ARABIAN UPSTREAM TECHNOLOGY COMPANY	
Street Address:	1 EASTERN AVENUE	
City:	DHAHRAN	
State/Country:	SAUDI ARABIA	
Postal Code:	31311	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	16568693	
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 SOUTH MAIN STREET	
Address Line 2:	SUITE 1300	
Address Line 4:	DAYTON, OHIO 45402-2023	
ATTORNEY DOCKET NUMBER:	SA6249/SA 6249 PA	
NAME OF SUBMITTER:	SARAH WILSON	
SIGNATURE:	/Sarah Wilson/	
DATE SIGNED:	09/12/2019	
Total Attachments: 3		
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source=Signed Assignment ASC to SAUTC#page2.tif		
source=Signed Assignment ASC to SAUTC#page3.tif		

ASSIGNMENT

WHEREAS, **Aramco Services Company**, a Company in the State of Texas, with a place of business at 1200 Smith Street, Two Allen Building, Houston, Texas 77002 (hereinafter referred to as Assignor), is the sole owner of the entire right, title and interest in and to the following United States Provisional Application Serial No. 62/730,990 filed September 13, 2018 entitled CHARGED HYBRID MATERIALS, METHODS OF SYNTHESIZING, AND METHODS OF USE, and to all US or foreign patent applications claiming priority thereto (hereinafter referred to as "Patent Family").

WHEREAS, **Saudi Arabian Upstream Technology Company**, a Limited Liability Company organized under the laws of the Kingdom of Saudi Arabia (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest in and to the aforesaid Patent Family, and the inventions therein described;


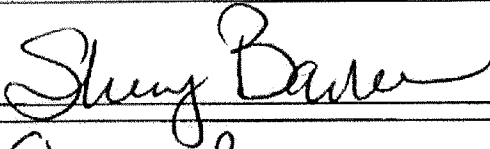
NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, Assignor hereby sells, assigns and transfers unto said Assignee, its successors and assigns, the entire right, title and interest in and to the Patent Family, and the inventions therein disclosed, and any improvements thereon, the same to be held and enjoyed by the said Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the full end of the term for which said Patent Family has been granted or may be granted, as fully and entirely as the same would have been held and enjoyed by said Assignor, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of said Patent Family, with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

[SA6249/ASC:IP-18-283/SA 6249 MA]

PATENT
REEL: 052062 FRAME: 0079

ASSIGNOR:

IN WITNESS WHEREOF, the ASSIGNOR has hereunto set their hand and seal.

Assignor: Aramco Services Company	
Signed:	
Printed Name:	Bobby J. Horton
Printed Title:	General Counsel & Corporate Secretary
Date:	August 5, 2019
Witness:	
Signed:	
Printed Name:	Sherry Barrera
Title:	Budget Analyst

[SA6249/ASC:IP-18-283/SA 6249 MA]

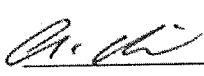
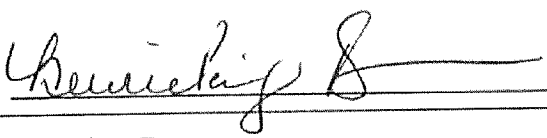
ACCEPTANCE OF ASSIGNMENT

WHEREAS, from time to time, ASSIGNOR, **Aramco Services Company**, named as Applicant in particular United States Patent Application(s) filed on behalf of **Saudi Arabian Upstream Technology Company**, a Limited Liability Company, 1 Eastern Avenue, Dhahran, Saudi Arabia 31311, hereinafter called the Assignee, including those inventors named in the ASSIGNMENT attached hereto, will assign particular rights in the Patent Application(s) 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:	62/730,990
Filing Date:	September 13, 2018
Attorney Docket No.	SA6249/ASC:IP-18-283/SA 6249 MA

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: Saudi Arabian Upstream Technology Company	
Signed:	
Printed Name:	Ahmed Eidan
Title:	Chief Operating Officer of SAUTC
Date:	May 19, 2019
Witness:	
Signed:	
Printed Name:	Laurie Paige Burns
Title:	Paralegal
Date:	May 19, 2019