

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6387515

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ARAMCO SERVICES COMPANY	05/09/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SAUDI ARABIAN OIL COMPANY	
<b>Street Address:</b>	1 EASTERN AVENUE	
<b>City:</b>	DHAHRAN	
<b>State/Country:</b>	SAUDI ARABIA	
<b>Postal Code:</b>	31311	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	17089248
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(877)769-7945	
<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>		
<b>Phone:</b>	+1 (713) 654-5391	
<b>Email:</b>	matteo@fr.com, apsi@fr.com	
<b>Correspondent Name:</b>	NATHAN E. STACY	
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.	
<b>Address Line 2:</b>	P.O.BOX 1022	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022	
<b>ATTORNEY DOCKET NUMBER:</b>	38136-0444002	
<b>NAME OF SUBMITTER:</b>	KIRSTIN MATTEO	
<b>SIGNATURE:</b>	/kirstin matteo/	
<b>DATE SIGNED:</b>	11/05/2020	
<b>Total Attachments: 6</b>		
source=38136-0444002; SA71648 - assignment (ASC to SAO) - FILED (from parent appl)#page1.tif		
source=38136-0444002; SA71648 - assignment (ASC to SAO) - FILED (from parent appl)#page2.tif		
source=38136-0444002; SA71648 - assignment (ASC to SAO) - FILED (from parent appl)#page3.tif		
source=38136-0444002; SA71648 - assignment (ASC to SAO) - FILED (from parent appl)#page4.tif		
source=38136-0444002; SA71648 - assignment (ASC to SAO) - FILED (from parent appl)#page5.tif		



### ASSIGNMENT

This PATENT ASSIGNMENT ("ASSIGNMENT"), dated as of \_\_\_\_\_, 2019 ("Effective Date"), is made and entered into by and between **ARAMCO SERVICES COMPANY** ("**ASC**" or "**ASSIGNOR**"), a Corporation organized and existing under the laws of Texas and having a place of business at 1200 Smith Street Two Allen Building Houston TX 77002 USA, and **SAUDI ARABIAN OIL COMPANY** ("**SAO**" or "**ASSIGNEE**"), a Corporation organized and existing under the laws of Saudi Arabia and having a place of business at 1 Eastern Avenue Dhahran Saudi Arabia 31311.

WHEREAS, **ASC** is the sole owner of certain patent applications mentioned in Appendix A ("the Patent Applications"); and

WHEREAS, **ASC** is willing and able to sell, convey, assign, and transfer, to **SAO** on the Effective Date of this ASSIGNMENT, all right, title, and interest, worldwide, in the Patent Applications; and

WHEREAS, **SAO** is desirous of acquiring the Patent Applications, including all right, title, and interest in the Patent Applications in exchange for mutually agreed upon consideration.

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

#### **1. CONVEYANCE OF THE PATENT APPLICATIONS**

a. **ASC** does hereby sell, assign and transfer to **SAO**, its successors, assigns and other legal representatives all right, title and interest, worldwide, in and to the Patent Applications, including the right to file and prosecute, in its own name wherever so permitted by law or in the name of **SAO** wherever necessary, patent applications, including corresponding and continuing applications, reissues, re-examinations, certificates of invention, and the like based on any of the Patent Applications, and to claim priority to any of the Patent Applications pursuant to the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. **ASC** acknowledges receipt of fair and adequate consideration for this Assignment.

b. **ASC** shall, when requested by **SAO** and at no cost to **ASC**, (i) execute or cause to be executed all rightful oaths, assignments, and powers of attorney to **SAO** or to agents and legal representatives of **SAO**, and all other papers necessary and proper to carry out the intent and purpose of this Assignment, (ii) execute all papers necessary in connection with the Patent Applications, and any continuing, divisional, reissue, reexamination or other corresponding application thereof or post-grant proceeding relating thereto and to execute any separate assignment in connection with any such application as **SAO** may deem necessary or expedient; and (iii) perform all affirmative acts that may be necessary to obtain

a grant of a valid patent to **SAO** on any of the inventions claimed or disclosed in the Patent Applications.

c. **ASC** agrees that **SAO** may, at its discretion, record this Assignment with the United States Patent Office or a Patent Office in any other jurisdiction.

**2. REPRESENTATIONS AND WARRANTIES**

a. **ASC** represents that it is the owner of the Patent Applications, and of all foreign and domestic patents, patent applications, including continuation-in-part applications, reissues, re-examinations, certificates of invention, and the like that derive priority from, or claim the benefit of the filing date of, the Patent Applications and of all new and useful inventions and improvements that are disclosed in the Patent Applications.

b. **ASC** represents and warrants that the Patent Applications are not subject to any license, covenant not to sue, shop right, or similar right of a third party to practice under the Patent Applications.

**3. PARAGRAPH HEADINGS**

a. The paragraph headings are inserted only for purpose of reference. Such captions shall not affect the scope, meaning or intent of the provisions of this Assignment nor shall such headings otherwise be given any legal effect.

**4. ASSIGNMENT BINDING**

a. This Assignment shall bind the heirs, releases, personal representatives, successors and assigns of the Parties to this Assignment and inure to the benefit of their agents, directors, officers, employees, attorneys, successors and assigns, except as specifically excluded herein.

**5. ENTIRE AGREEMENT**

a. This Assignment contains the entire agreement between the Parties hereto and constitutes the complete, final and exclusive embodiment of their agreement with respect to the subject matters covered in this Assignment. All prior or contemporaneous agreements, understandings, representations, duties, obligations, and statements, oral or written, are merged into, terminated and/or superseded by this Assignment.

**6. COUNTERPARTS**

a. This Assignment may be executed in two or more counterparts. Facsimile signatures and electronic signatures shall be acceptable as original signatures.

7. **SEVERABILITY**

a. In the event that for any reason, one or more of the provisions of this Assignment or their application to any person or company, is held to be invalid, illegal, or unenforceable in any respect or to any extent, such provisions will, nevertheless remain valid, legal, and enforceable in all other respects and to such extent as may be permissible. In addition, any such invalidity, illegality, or unenforceability will not affect any other provision herein, but this Assignment will be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.

8. **AUTHORITY TO ENTER INTO ASSIGNMENT**

a. The persons signing this Assignment each warrant and represent that they are duly authorized, with full authority to bind the Parties, and that no signature of any other person or entity is necessary to bind the Parties.

[ASSIGNMENT CONTINUES ON SIGNATURE PAGE]

The Assignor hereby executes this Assignment.

Assignor: Aramco Services Company

Signature: B. Horton


Date: May 9, 2019

Name: Bobby J. Horton

Title: General Counsel & Corporate Secretary

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: Saudi Arabian Oil Company

Signature: \_\_\_\_\_

Date: May 22, 2019

Name: Kwadjo S. Adusei-Poku

Title: Sr. Counsel II, IP Practice Lead

### APPENDIX A

Country	Application No.	Filing Date	Title	Attorney Docket No.	Client reference No.
United States	16/252,133	1/18/2019	TRACERS FOR PETROLEUM RESERVOIRS	38136-0377001	SA7349/ASC0219-US02-NP
United States	16/223,456	12/18/2018	GELLABLE, NON-AQUEOUS OIL WELL TREATMENT FLUIDS COMPRISING ELASTOMERIC MALEIC ANHYDRIDE COPOLYMERS	38136-0410001	SA7388/ASC0258-US01-NP
United States	16/149,401	10/2/2018	DETERMINING GEOLOGIC FORMATION PERMEABILITY	38136-0436001	SA7416/ASC0271-US01-NP
United States	15/994,734	5/31/2018	DETERMINING MECHANICAL PROPERTIES OF COMPOSITE MATERIAL	38136-0446001	SA7425/ASC0249-US01-NP
United States	16/252,228	1/18/2019	TRACERS FOR PETROLEUM RESERVOIRS	38136-0724001	SA7731/ASC0219-US03-NP2
United States	16/160,313	10/15/2018	SURFACE LOGGING WELLS USING	38136-0384001	SA7358/ASC0265-US01-NP
United States	16/282,112	2/21/2019	STORABLE GAS GENERATING	38136-0440001	SA7420/ASC0269-US01-NP
United States	16/282,245	2/21/2019	GAS GENERATING COMPOSITIO	38136-0444001	SA7424/ASC0270-US01-NP
United States	62/652,733	4/4/2018	HYDRAULIC FRACTURING IN	38136-0521P01	SA7530/ASC0291-US01-P (IP-17-206)
United States	16/374,993	4/4/2019	HYDRAULIC FRACTURING IN	38136-0521001	SA7530/ASC0291-US02-NP