

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6466021

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAUDI ARAMCO UPSTREAM TECHNOLOGY COMPANY	12/23/2020
RECEIVING PARTY DATA	
Name:	SAUDI ARABIAN OIL COMPANY
Street Address:	1 EASTERN AVENUE
City:	DHAHRAN
State/Country:	SAUDI ARABIA
Postal Code:	31311
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16731574
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	38136-0813001
NAME OF SUBMITTER:	KIMBERLEY LARSON-HERMAN
SIGNATURE:	/Kimberley Larson-Herman/
DATE SIGNED:	12/23/2020
Total Attachments: 4	
source=38136-0813001; SA7866 (ASC0397-US01-NP) assignment SAUTC to SAO - FILED#page1.tif	
source=38136-0813001; SA7866 (ASC0397-US01-NP) assignment SAUTC to SAO - FILED#page2.tif	
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source=38136-0813001; SA7866 (ASC0397-US01-NP) assignment SAUTC to SAO - FILED#page4.tif	

ASSIGNMENT

Assignor: Saudi Aramco Upstream Technology Company
a corporation organized and existing under the laws of Saudi Arabia, and having a
place of business at:
1 Eastern Avenue
Dhahran, 31311
Saudi Arabia

Assignee: Saudi Arabian Oil Company
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

Country	Application No.	Filing Date	Title
United States	16/731,574	12/31/2019	Reactive Hydraulic Fracturing Fluid

1. Assignor represents that it is the owner of the patents and patent applications listed above, 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 patents and patent applications listed above (the "Patents and Patent Applications") and of all new and useful inventions and improvements that are disclosed in the Patents and Patent Applications (the "Inventions"). The Patents and Patent Applications and the Inventions are collectively referred to as the "Patent Assets."
2. Assignor hereby assigns to Assignee its entire worldwide right, title, and interest in and to the Patent Assets, including the right to file and prosecute, in Assignee's name wherever so permitted by law or in the name of Assignor wherever necessary, patent applications, including corresponding and continuing applications, reissues, re-examinations, certificates of invention, and the like based on any of the Patent Assets, and to claim priority to any of the Patents and 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. Assignor acknowledges receipt of fair and adequate consideration for this Assignment.
3. Assignor shall, when requested by Assignee and at no cost to Assignor, (i) execute or cause to be executed all rightful oaths, assignments, and powers of attorney to Assignee or to agents and

legal representatives of Assignee, 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 Patents and 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 Assignee may deem necessary or expedient; and (iii) perform all affirmative acts that may be necessary to obtain a grant of a valid patent to Assignee on any of the Inventions.

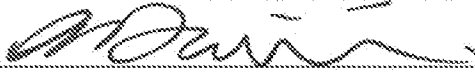
4. Assignor hereby assigns to Assignee all of Assignor's right, title, and interest in and to any claims, whether known or unknown, suspected or unsuspected, of any nature, including choses in action, that Assignor has or may have against any party for infringement of the Patents and Patent Applications, and acknowledges receipt of fair and adequate consideration for this Assignment.
5. Assignor represents that Assignor has the full right to convey the interests assigned by this Assignment, and that Assignor has not executed and will not execute any agreement in conflict with this Assignment.
6. This Assignment is binding upon and inures to the benefit of the successors and assigns of the parties.

[ASSIGNMENT CONTINUES ON SIGNATURE PAGE]

Attorney Docket No. 38136-0813001 / SA7866 (ASC0397-US01-NP)
Assignment from Saudi Aramco Upstream Technology Company to Saudi Arabian Oil Company

The Assignor hereby executes this Assignment.

Assignor: Saudi Aramco Upstream Technology Company

Signature: 

Date: Dec. 23, 2020

Name: Ashraf M. Al-Tahini

Title: Chief Executive Officer

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: Saudi Arabian Oil Company

Signature: _____

Date: Dec. 23, 2020

Name: _____

Kwadjo S. Adusei-Poku

Title: _____

Chief Counsel II, IP Practice Lead