506492465 02/08/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6539241

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yufeng Cui	01/27/2021

RECEIVING PARTY DATA

Name:	ARAMCO FAR EAST (BEIJING) BUSINESS SERVICES CO. LTD.
Street Address:	UNITS 01-25, 43F, CHINA WORLD TOWER, NO. 1 JIAN GUO MEN WAI AVENUE, CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100004

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17168734

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 (617) 368-2187

Email: larson-herman@fr.com, apsi@fr.com
Correspondent Name: KIMBERLEY LARSON-HERMAN
Address Line 1: FISH & RICHARDSON P.C.

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ATTORNEY DOCKET NUMBER: 38136-1352001		
NAME OF SUBMITTER:	KIMBERLEY LARSON-HERMAN	
SIGNATURE:	/Kimberley Larson-Herman/	
DATE SIGNED:	02/08/2021	

Total Attachments: 2

source=38136-1352001; SA71591 - assignment to Aramco Far East - FILED#page1.tif source=38136-1352001; SA71591 - assignment to Aramco Far East - FILED#page2.tif

PATENT 506492465 REEL: 055179 FRAME: 0955

Attorney Docket No.: 38136-1352001 / SA71591

ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, YUFENG CUI, assign to ARAMCO FAR EAST (BEIJING) BUSINESS

SERVICES CO. LTD., a corporation formed under the laws of China and having a principal place of business at Units 01-25, 43F, China World Tower, No. 1 Jian Guo Men Wai Avenue, Chaoyang District, Beijing 100004, CHINA, and its successors, transferees, and assignees (collectively the "Assignee"), all of my right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names me as inventor, is titled "FRACTURING A SUBSURFACE FORMATION BASED ON A PROBABILISTIC DETERMINATION OF THE REQUIRED BREAKDOWN PRESSURE," and was or will be filed in the United States Patent and Trademark Office on February 5, 2021 , as application 17/168,734 (the "Application"). I authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

Assignment Page 1 of 2

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I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Jufeng Cui

Date: Jan. 27. 2021

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