

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5721091

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	XIANGYANG ZHU	09/15/2019	
	MAZEN A. AL-SALEH	09/15/2019	
	QURBAN ALI	09/15/2019	
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:	16572206	
CORRESPONDENCE DATA			
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ATTORNEY DOCKET NUMBER:	00501/007920-US0		
NAME OF SUBMITTER:	SAMANTHA CHAN		
SIGNATURE:	/Samantha Chan/		
DATE SIGNED:	09/16/2019		
Total Attachments: 3			
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ASSIGNMENT

I, Xiangyang Zhu, having a residence of Dhahran, Saudi Arabia;

I, Mazen A. Al-Saleh, having a residence of Khobar, Saudi Arabia; and

I, Qurban Ali, having a residence of Al-Khobar, Saudi Arabia;

(hereinafter "ASSIGNORS") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNORS by

Saudi Arabian Oil Company

a Corporation having a place of business at 1 EASTERN AVENUE, DHAHRAN, SAUDI ARABIA 31311 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my invention entitled:

**APPARATUS TO SIMULATE BIOCIDES PERFORMANCE IN CRUDE PIPELINE
CONDITIONS**

invented by me and described in the above title and docket number in the United States of America; and all non-provisional applications claiming priority thereto and all divisions, renewals and continuations of any thereof and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an

application concerning said invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Signature of Inventor:

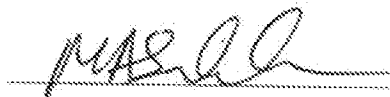


Xiangyang Zhu

9/15/2019

Date

Signature of Inventor:

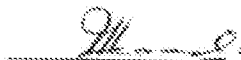


Mazen A. Al-Saleh

9/15/2019

Date

Signature of Inventor:



Qurban Ali

9/15/2019

Date

ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of **Saudi Arabian Oil Company**. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

☐ I am an officer of the above-identified ASSIGNEE.

☒ I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors.

and that all the foregoing is true and correct.

Dated: 9/15/2019

By: 

Name: Kwadjo S. Adusei-Poku

Title: IP Counsel, Practice Area Leader
Law Organization