505304577 01/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MD AMANULLAH	01/18/2018
MOHAMMED K. ARFAJ	01/25/2018
TURKI ALSUBAIE	01/18/2018

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:	16262405

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	0004159.051073	
NAME OF SUBMITTER:	BRIAN H. TOMPKINS	
SIGNATURE:	/Brian H. Tompkins/	
DATE SIGNED:	01/30/2019	

Total Attachments: 4

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> **PATENT** REEL: 048192 FRAME: 0901 505304577

Docket No. 0004159.005796

NON-PROVISIONAL PATENT APPLICATION ASSIGNMENT

WHEREAS, WE, MD AMANULLAH, a citizen of Australia, MOHAMMED K.

ARFAJ, a citizen of Saudi Arabia, and TURKI ALSUBAIE, a citizen of Saudi Arabia are co-

inventors of "ARC HYBRID PARTICLE MIX FOR SEAL AND PLUG QUALITY

ENHANCEMENT", for which Non-Provisional Application for United States Letters Patent was

filed February 6, 2018 and assigned Serial No. 15/889.668

WHEREAS, Saudi Arabian Oil Company, a Company with Limited Liability of Saudi

Arabia, with a business address of 1 Eastern Avenue, Dhahran 31311, Saudi Arabia, hereafter

"SAUDI ARAMCO", is desirous of acquiring my entire right, title and interest in and to the

aforesaid invention throughout the world, and all right, title and interest in, to and under any and

all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in

hand paid by SAUDI ARAMCO and for other good and valuable considerations, the receipt of

which is hereby acknowledged, we hereby sell, assign, transfer and set over to SAUDI ARAMCO,

all our right, title and interest in and to the said invention throughout the world, and said application

for U.S. Letters Patent, and any and all divisions, continuations, reexaminations and reissues

thereof, and any and all Letters Patent of the United States and foreign countries which may be

granted therefor, the same to be held and enjoyed by them for their own use and benefit, and for

the use and benefit of their successors, assigns, or other legal representatives, to the end of the term

or terms for which said Letters Patent of the United States or foreign countries are or may be

granted, reexamined or reissued, as fully and entirely as the same would have been held and

enjoyed by us if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue

any and all Letters Patent of the United States on said invention or resulting from said application

and from any and all divisions, continuations, and reissues thereof, to SAUDI ARAMCO, as

assignee of our entire interest, and hereby covenant that we have the full right to convey our entire

interest herein assigned, and that we have not executed and will not execute any agreement in

conflict herewith.

PATENT

REEL: 048192 FRAME: 0902

Docket No. 0004159.005796

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to SAUDI ARAMCO, its successors, assigns, or other legal representatives and that if SAUDI ARAMCO shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to SAUDI ARAMCO, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 18 day of January, 2018.

Md Amanullah

Docket No. 0004159.005796

EXECUTED THIS 25 day of January, 2018.

Mohammed K. Arfaj

PATENT REEL: 048192 FRAME: 0904

Docket No. 0004159,005796

EXECUTED THIS \2 day of \undersetand, 20\2.

Turki Alsubaie

PATENT REEL: 048192 FRAME: 0905

RECORDED: 01/30/2019