505495252 05/28/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
	Execution Date					
VIKRANT WAGLE	05/27/2019					
RAJENDRA KALGAON	05/27/2019					
ABDULLAH AL-YAMI	05/28/2019					
ZAINAB ALSAIHATI			05/27/2019			
RECEIVING PARTY DA	ATA					
Name:	SAUDI A	ARABIAN OIL COMPANY				
Street Address:	1 EASTERN AVENUE					
City:	DHAHR	AN				
State/Country:	SAUDI A	ARABIA				
Postal Code:	31311					
Property Type		Number]			
Property Type		Number]			
Property Type Application Number:	1	Number 6423395				
Application Number:]			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will b	DATA (8 De sent to 1	6423395	successful, it will be sent nt via US Mail.			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will k using a fax number, if Email:	DATA ({ pe sent to provided; d	6423395 800)404-3970 <i>the e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> locketing@bracewell.com	successful, it will be sent nt via US Mail.			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will b using a fax number, if Email: Correspondent Name:	DATA ({ pe sent to provided; d E	6423395 800)404-3970 <i>the e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> locketing@bracewell.com BRACEWELL LLP	successful, it will be sent nt via US Mail.			
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PATENT REEL: 049291 FRAME: 0060

ASSIGNMENT FOR NON-PROVISIONAL APPLICATION

WHEREAS, WE, Vikrant Wagle, a citizen of India, Rajendra Kalgaonkar, a citizen of India, Abdullah Al-Yami, a citizen of Saudi Arabia, and Zainab Alsaihati, a citizen Saudi Arabia, are co-inventors of LOSS CIRCULATION MATERIAL COMPOSITION HAVING ALKALINE NANOPARTICLE BASED DISPERSION AND WATER INSOLUBLE HYDROLYSABLE POLYESTER, AND FORMALDEHYDE RESIN, for which an application for United States Letters Patent was filed on <u>May 28, 2019</u> and assigned U.S. Serial No. <u>16/423,395</u>; and

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 the 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 me in hand paid by SAUDI ARAMCO and for other good and valuable considerations, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to SAUDI ARAMCO, all 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 me if this assignment and sale had not been made.

And I 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 my entire interest, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

Page 1 of 5

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PATENT REEL: 049291 FRAME: 0061

And I further hereby covenant and agree that I 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 I do further covenant and agree that I 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 27 th day of MAY 2019.

Vikrant Wagle

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Page 2 of 5

Docket No. 0004159.051217

EXECUTED THIS 27 day of MAY . 2019.

N

Rajendra Kalgaonkar

PATENT REEL: 049291 FRAME: 0063

EXECUTED THIS	-28	day of	Mart	, 2019,
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Sinc

Abdullah Al-Yami

EXECUTED THIS 27 day of May ,2019.

Zainab Alsaihati

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Page 5 of 5

PATENT REEL: 049291 FRAME: 0065

RECORDED: 05/28/2019