### 505072423 08/30/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date		
ABDULLAH M. AL-OTAIBI	08/16/2018		
OMAR S. AL-MUTAIRI	08/16/2018		

#### **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:	16117759						

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	0004159.005813
NAME OF SUBMITTER:	KEITH R. DERRINGTON
SIGNATURE:	/KEITH R. DERRINGTON-event/
DATE SIGNED:	08/30/2018

**Total Attachments: 2** 

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PATENT 505072423 REEL: 046758 FRAME: 0158

## ASSIGNMENT FOR NON-PROVISIONAL PATENT APPLICATION

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S. AL-N	4UTAIRI,	, a c	itizen o	f Saudi	Arabia,	are	invento	ns of	r "C	ONT	AINN	MENT	DESI	GN TO
HANDL	E LOW	TE	MPERA	TURE	SYSTE	MS,"	for w	hich	an	appli	catio	n for	United	State
Letters	Patent	was	filed	on				······································	38	U,	S. 3	Patent	App	lication
Number		,,,,,,,,,,,	***************************************	; 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, we 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 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 the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

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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

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 me, 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.

ABDULLAH M. AL-OAIBI

EXECUTED THIS 16 day of August, 2018.

OMAR S. AL-MUTAIRI

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representatives.