# 505323001 02/11/2019

# PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5369782

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SADIQ M. SAIT	11/30/2017
MUYEED AHMED SHARIFF	11/30/2017

#### **RECEIVING PARTY DATA**

Name:	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS
Street Address:	PO BOX 691
City:	DHAHRAN
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Postal Code:	31261

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16272429

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	0004159.051112	
NAME OF SUBMITTER:	CHRISTOPHER L. DRYMALLA	
SIGNATURE:	/Christopher L. Drymalla/	
DATE SIGNED:	02/11/2019	

## **Total Attachments: 3**

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PATENT 505323001 REEL: 048295 FRAME: 0736

#### NON-PROVISIONAL PATENT APPLICATION ASSIGNMENT

WHEREAS, KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS, a university with a business address of P.O. Box 691. Dhahran 31261, Saudi Arabia, hereafter "KFUPM", is desirous of acquiring our 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 KFUPM and for other good and valuable considerations, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to KFUPM, 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 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 KFUPM, 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.

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Docket No. 0004159.005812

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 KFUPM, its successors,

assigns, or other legal representatives and that if KFUPM 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 KFUPM, 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 30 day of November, 2017

Sadiq M. Sait Sait · M

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EXECUTED THIS 30 day of November, 2017

Muyeed Ahmed Shariff

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PATENT REEL: 048295 FRAME: 0739