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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5026783

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
CHINTHAKA PASAN GOONERATNE	11/13/2017
BODONG LI	11/13/2017
SHAOHUA ZHOU	05/08/2017

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:	16020176

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ATTORNEY DOCKET NUMBER:	0004159.005958
NAME OF SUBMITTER:	VIVEK SHANKAM PH.D
SIGNATURE:	/Vivek P. Shankam/
DATE SIGNED:	06/27/2018

Total Attachments: 4

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> **PATENT REEL: 046216 FRAME: 0686** 504980037

Docket No. 004159.005621

ASSIGNMENT FOR NON-PROVISIONAL APPLICATION

WHEREAS, WE, Chinthaka Pasan Gooneratne, a citizen of New Zealand, Bodong Li,

a citizen of China, and Shaohua Zhou, a citizen of Australia are co-inventors of SYSTEMS

AND METHODS FOR WIRELESSLY MONITORING WELL CONDITIONS, for which

an application for United States Letters Patent was filed on March 13, 2017 and assigned U.S.

Serial No. 15/457,069; 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.

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

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#5422952.1

PATENT REEL: 046216 FRAME: 0687 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 13th day of November, 2017.

Chinthaka Pasan Gooneratne

EXECUTED THIS	13th day of November	, 2017.
	Larg	
	Bodong Li	

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EXECUTED THIS	8 th day of	May	, 2017.
		Shaohua Zh	ou

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