## 503241189 03/30/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3287808

		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DA	ΑΤΑ		
		Name	Execution Date
MOHAMMED S. AL-NUAIM			12/28/2014
UMAR A. AL-NAHDI			12/29/2014
TAREQ AL-ZAHRANI			12/29/2014
MUATH AL-MULLA			12/29/2014
RECEIVING PARTY DA	ТА		
Name:	SAUDI ARABIAN OIL COMPANY		
Street Address:	1 EASTERN AVENUE		
City:	DHAHRAN		
State/Country:	SAUDI ARABIA		
Postal Code:	31311		
	Tatal: 1		
PROPERTY NUMBERS Property Type		Number	
Application Number:	1	4584184	
CORRESPONDENCE D	ΑΤΑ		
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE:	() e sent to provided; (7 d B B P H	the e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 713) 223-2300 ocketing@bgllp.com BRACEWELL & GIULIANI LLP 2.0. BOX 61389 IOUSTON, TEXAS 77208-1389 004159.005204 JEFFREY S. WHITTLE /Jeffrey S. Whittle/	
Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER: SIGNATURE: DATE SIGNED:	({ e sent to provided; (7 d B P F JMBER:	the e-mail address first; if that is unsuce if that is unsuccessful, it will be sent vi 713) 223-2300 ocketing@bgllp.com BRACEWELL & GIULIANI LLP P.O. BOX 61389 IOUSTON, TEXAS 77208-1389 004159.005204 JEFFREY S. WHITTLE /Jeffrey S. Whittle/ 03/30/2015	

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#### ASSIGNMENT FOR NON-PROVISIONAL APPLICATION

WHEREAS, we, Mohammed S. Al-Nuaim, a citizen of Saudi Arabia, Umar A. Al-Nahdi, a citizen of Saudi Arabia, Tareq Al-Zahrani, a citizen of Saudi Arabia, Khalid Al-Alwan, a citizen of Saudi Arabia, and Muath Al-Mulla, a citizen of Saudi Arabia, are coinventors of COMPUTER-IMPLEMENTED METHODS FOR RESERVOIR SIMULATION WITH AUTOMATED WELL COMPLETIONS AND RESERVOIR GRID DATA QUALITY ASSURANCE, for which an application for United States Letters Patent was filed on December 29, 2014 and assigned U.S. Application No. 14/584,184; 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 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 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

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convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

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 assignce, its successors, or other legal representatives.

EXECUTED THIS 28 day of \_\_\_\_ )ec .2014.

Mohammed S. Al-Nuaim

Saudi Aramco: Company General Use Page 2 of 6

EXECUTED THIS 29 day of Dec. , 2014.

Umar A. Al-Nahdi

Saudi Aramco: Company General Use Page 3 of 6

EXECUTED THIS 29 day of Dec. , 2014.

Tareq Al-Zahrani

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#4769338.1

EXECUTED THIS \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2014.

Khalid Al-Alwan

Page 5 of 6

EXECUTED THIS <u>21</u> day of <u>Dec.</u>, 2014.

Muath Al-Mulla

Saudi Aramco: Company General Use Page 6 of 6

#4769338.1

## PATENT REEL: 035284 FRAME: 0085

**RECORDED: 03/30/2015**