505451353 04/29/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ATA			
		Name	Execution Date	
WEI-BIN EWE			12/08/2017	
AHMED ELSAYED FOUDA 11/07/2017				
BURKAY DONDERICI			04/14/2018	
RECEIVING PARTY DA	ТА			
Name:	HALLIBU	URTON ENERGY SERVICES, INC.		
Street Address:	3000 N.	SAM HOUSTON PARKWAY E.		
City:	HOUST	ON		
State/Country:	TEXAS			
Postal Code:	77032-3	219		
Property Type		Number	7	
Property Type Application Number:	1	Number 6346046		
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ASSIGNMENT

Whereas, We, Wei-Bin Ewe of Singapore, Ahmed Elsayed Fouda of Spring, Texas, and Burkay Donderici of Pittsford, New York ("ASSIGNORS"), have invented DECONVOLUTION-BASED ENHANCEMENT OF APPARENT RESISTIVITY AND BED BOUNDARY IDENTIFICATION IN BOREHOLE RESISTIVITY IMAGING, and

Whereas, **Halliburton Energy Services**, **Inc.**, a Delaware Corporation having a place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219, United States of America (sometimes hereinafter called "ASSIGNEE"), is desirous of acquiring an interest therein,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We do hereby ASSIGN, SELL and CONVEY to said **Halliburton Energy Services**, Inc., its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in DECONVOLUTION-BASED ENHANCEMENT OF APPARENT RESISTIVITY AND BED BOUNDARY IDENTIFICATION IN BOREHOLE RESISTIVITY IMAGING,

2. Patent Cooperation Treaty international application on said invention, Application No. <u>PCT/US2018-027795</u>, filed <u>April 16</u>, 2018, entitled **DECONVOLUTION-BASED ENHANCEMENT OF APPARENT RESISTIVITY AND BED BOUNDARY IDENTIFICATION IN BOREHOLE RESISTIVITY IMAGING**, Halliburton Reference No. 2016-IPM-100743U1 PCT (The undersigned hereby grant(s) the firm of Tumey L.L.P. of 7500 San Felipe, Suite 440, Houston, Texas 77063 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document);

3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or in any other country or place anywhere in the world;

4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including

without limitation, those obtained or permissible under past, present and future laws and statutes;

6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

8. All international rights of priority associated with said invention, applications, patents and like protection and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

Executed this fth	_day of <u>December</u>	, 2017	
		Rung	
		Wei-Bin Ewe	
STATE OF)		
COUNTY OF) ss)		

Before me personally appeared said Wei-Bin Ewe and acknowledged the foregoing instrument to be his free act and deed this <u>gen</u>day of <u>December</u>, 2017.

In the presence of:

2017 bec. Signature of Witness: KIM JOONSHIK Print or Type Name: Date 8.201-Signature of Witness: Print or Type Name: Wei Date

Page 3 of 4 Tumey Ref. No. 1560-031200 Halliburton Ref. No. 2016-IPM-100743U1 PCT

Executed this
$$\underline{\mathcal{F}}^{\mathcal{H}}_{\text{day of }}$$
 day of Nov-en be, 2017

ad Elsayed Finda

Ahmed Elsayed Fouda

STATE OF TEXAS) COUNTY OF Harris) ss }

2017.



JUMILEP (Notary)

Page 4 of 4 Tumey Ref. No. 1566-031200 Halliburton Ref. (Jo. 2016-1194-1007431)1 PCT

Executed this 14th day of April 2018 Burkay Donderici⁵ STATE OF New York) ss

COUNTY OF MAN CAR

LISA MARIE PRASCO Notary Public - State of New York NO. 01186105654 Så Quilified in Ontario County My Commission Expires Aug 6, 2020

RECORDED: 04/29/2019