505503398 05/31/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEY	ANCE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution Date		
JUNWEN DAI	05/22/2019				
AHMED ELSAYED FC	05/22/2019				
ILKER R. CAPOGLU	05/22/2019				
SUSHOVON SINGHA	ROY		05/30/2019		
RECEIVING PARTY D					
Name:	HALLIE	BURTON ENERGY SERVICES, INC.			
Street Address:	3000 N	3000 N. SAM HOUSTON PARKWAY E.			
City:	HOUST	ΓΟΝ			
State/Country:	TEXAS	TEXAS			
Postal Code:	77032-	3219			
Property Type		Number			
Property Type		Number			
Application Number:		16427136			
PCT Number:		US2019034762			
CORRESPONDENCE	DATA				
	DATA				
Fax Number: <i>Correspondence will</i>	be sent to	o the e-mail address first; if that is unsu			
Fax Number: <i>Correspondence will</i> <i>using a fax number, i</i>	be sent to if provided	o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent 2819624503			
Fax Number: <i>Correspondence will using a fax number, i</i> Phone:	be sent to if provided	d; if that is unsuccessful, it will be sent			
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name	be sent to if provided	<i>d; if that is unsuccessful, it will be sent</i> 2819624503 rflynt@ctumeylawgroup.com C. TUMEY LAW			
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1:	be sent to if provided	<i>d; if that is unsuccessful, it will be sent</i> 2819624503 rflynt@ctumeylawgroup.com C. TUMEY LAW P.O BOX 890226			
Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1:	be sent to if provided	<i>d; if that is unsuccessful, it will be sent</i> 2819624503 rflynt@ctumeylawgroup.com C. TUMEY LAW			
<i>using a fax number, i</i> Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to if provided	d; if that is unsuccessful, it will be sent 2819624503 rflynt@ctumeylawgroup.com C. TUMEY LAW P.O BOX 890226 HOUSTON, TEXAS 77062-9998			
Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1:	be sent to if provided : : NUMBER:	d; if that is unsuccessful, it will be sent 2819624503 rflynt@ctumeylawgroup.com C. TUMEY LAW P.O BOX 890226 HOUSTON, TEXAS 77062-9998			
Fax Number: Correspondence will using a fax number, i Phone: Email: Correspondent Name Address Line 1: Address Line 4:	be sent to if provided : : NUMBER:	d; if that is unsuccessful, it will be sent 2819624503 rflynt@ctumeylawgroup.com C. TUMEY LAW P.O BOX 890226 HOUSTON, TEXAS 77062-9998 1560-056801-056802			

Total Attachments: 6

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ASSIGNMENT

Whereas, We, Junwen Dai of The Woodlands, Texas, and Ahmed Elsayed Fouda, of Spring, Texas, and Ilker R. Capoglu of Houston, Texas, and Sushovon Singha Roy, of Houston, Texas, ("ASSIGNORS"), have invented ASSESSING EXPANDABLE SAND SCREENS USING ELECTROMAGNETIC TOOL, 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 ASSESSING EXPANDABLE SAND SCREENS USING ELECTROMAGNETIC TOOL,

2. United States Provisional application on said invention, Application No. 62/688,219, filed June 21, 2018, entitled ASSESSING EXPANDABLE SAND SCREENS USING ELETROMAGNETIC TOOL, Halliburton Reference No. 2018-IPM-102317V1 US.

3. United States Patent application on said invention, Application No. <u>16/427,136</u>, filed <u>May 30, 2019</u>, entitled ASSESSING EXPANDABLE SAND SCREENS USING ELETROMAGNETIC TOOL, Halliburton Reference No. 2018-IPM-102317U1 US;

4. Patent Cooperation Treaty international application on said invention, Application No. PCT/US19/34762, filed May 30, 2019, entitled ASSESSING EXPANDABLE SAND SCREENS USING ELECTROMAGNETIC TOOL, Halliburton Reference No. 2018-IPM-102317U1 PCT, (The undersigned hereby grant(s) the firm of C. Turney Law Group, PLLC. of 1150 Clear Lake City Blvd., Suite 201, Houston, Texas 77062 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);

5. 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;

Page 2 of 6 CTLG Ref. No. 1560-056802 HES Ref. No. 2018-IPM-102317U1 US

6. 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;

7. 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;

8. 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;

9. 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

10. 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.

PATENT REEL: 049334 FRAME: 0940

Executed this 22^{nd} day of M_{eq} , 2019 ~)~ Junwen Dai

STATE OF 7 ×) SS COUNTY OF Montgomery)

Before me personally appeared said Junwen Dai and acknowledged the foregoing instrument to be his free act and deed this 222 day of ______, 2019.

Seal

- Para Hortz

RENEE HARTIS Notary ID #403152-2 My Commission Expires December 12, 2022

Page 4 of 6 CTLG Ref. No. 1560-056802 HES Ref. No. 2018-IPM-102317U1 US

Executed this <u>22</u> ^{day} day of	May	, 2019
		Ahund Elsayed Frink
STATE OF)	Ahmed Elsayed Fouda
COUNTY OF Hanis) ss)	

Seal



Zmu (Notar

Page 5 of 6 CTLG Ref. No. 1560-056802 HES Ref. No. 2018-IPM-102317U1 US

Executed this	22 nd day of	<u>May</u> , 2019
		Ilker R. Capoglu
STATE OF)	the superior
COUNTY OF) SS)	

Before me personally appeared said **Ilker R. Capoglu** and acknowledged the foregoing instrument to be his free act and deed this $\frac{12}{2}$ day of $\frac{1}{2}$, 2019.



Willie otary)

Page 6 of 6 CTLG Ref. No. 1560-056802 HES Ref. No. 2018-IPM-102317U1 US

Executed this 30 day of	E <u>May</u>	, 2019		
				\square
		Suchom -	Constel	Car
		Sushovon Sing	ha Roy	J. S.
STATE OF TEXAS)			
) ss			
COUNTY OF Harris)			

Before me personally appeared said **Sushovon Singha** Roy and acknowledged the foregoing instrument to be his free act and deed this 30^{+5} day of mag, 2019.



Jude enob (Notary)