PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5593679

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ILKER R. CAPOGLU	06/21/2019
AHMED ELSAYED FOUDA	06/14/2019
FREEMAN LEE HILL III	06/17/2019

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.	
Street Address:	3000 N. SAM HOUSTON PARKWAY E.	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77032-3219	

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	16453673	
PCT Number:	US2019039320	

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2819624503

Email: rflynt@ctumeylawgroup.com

Correspondent Name: C. TUMEY LAW
Address Line 1: P.O BOX 890226

Address Line 4: HOUSTON, TEXAS 77062-9998

ATTORNEY DOCKET NUMBER:	1560-052801 & 1560-052802		
NAME OF SUBMITTER:	JOHN ROSS FLYNT		
SIGNATURE:	/rflynt/		
DATE SIGNED:	06/26/2019		

Total Attachments: 5

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ASSIGNMENT

Whereas, We, Ilker R. Capoglu of Houston, Texas, Ahmed Elsayed Fouda of Spring, Texas, and Freeman Lee Hill III of Spring, Texas, ("ASSIGNORS"), have invented MAPPING PIPE BENDS IN A WELL CASING, 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 MAPPING PIPE BENDS IN A WELL CASING,
- 2. United States Provisional application on said invention, Application No. 62/729,222, filed September 10, 2018, entitled MAPPING PIPE BENDS IN A WELL CASING, Halliburton Reference No. 2018-IPM-102586VI US,
- 3. United States Patent application on said invention, Application No. 16/453,673 filed June 26, 2019 entitled MAPPING PIPE BENDS IN A WELL CASING, Halliburton Reference No. 2018-IPM-102586U1 US; (The undersigned hereby grant(s) the firm of C. Tumey 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);
- 4. 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;
- 5. 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;
- 6. 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;
- 7. 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;

Page 2 of 5 CTLG Ref. No. 1560-052802 HES Ref. No. 2018-IPM-102586U1 US

- 8. 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
- 9. 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.

Page 3 of 5 CTLG Ref. No. 1560-052802 HES Ref. No. 2018-IPM-102586U1 US

Executed this 21st day of June, 2019

STATE OF California)

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STATE OF Coliforni)

COUNTY OF Fines co)

Before me personally appeared said Ilker R. Capoglu and acknowledged the foregoing instrument to be his free act and deed this 21 day of _______, 2019.

Seal

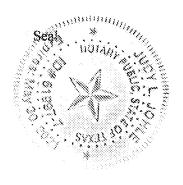
CONNIE LAI
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HOTARY PUBLIC - CALIFORNIA
SAN FRANCISCO COUNTY
My Comm. Expires Dec. 18, 2021

Page 4 of 5 CTLG Ref. No. 1560-052802 HES Ref. No. 2018-IPM-102586U1 US

Executed this 14 May of	Juna	, 2019		
		Almed E	Asogad	Fula
		Abmed El	lsayed Fouda	•
STATE OF Texas)) ss		u	
COUNTY OF MARKET) "			
Before me personally appeared to be his free act and deed this	said Ahmed Elsay	yed Fouda and a , 2019.	cknowledged	the foregoing instrument
Notary ID	HARTIS #403152-2 sision Expires	ZUU (Notary)	L HIZ	

Page 5 of 5 CTLG Ref. No. 1560-052802 HES Ref. No. 2018-IPM-102586U1 US

Executed thisday of	- VOC	2019//
		Freeman/Lee Hill III
STATE OF Texas)) ss	
COUNTY OF Harris)	



(Notary)

PATENT REEL: 049607 FRAME: 0376

RECORDED: 06/27/2019