PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREEMAN LEE HILL III	03/25/2021
JUNWEN DAI	03/25/2021
AHMED ELSAYED FOUDA	03/29/2021

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: 1

Property Type	Number
Application Number:	17223821

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.

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ATTORNEY DOCKET NUMBER:	1560-120801
NAME OF SUBMITTER:	JOHN ROSS FLYNT
SIGNATURE:	/rflynt/
DATE SIGNED:	04/06/2021

Total Attachments: 4

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PATENT 506595691 REEL: 055841 FRAME: 0618

ASSIGNMENT

Whereas, We, Freeman Lee Hill, III of Spring, Texas, Junwen Dai of The Woodlands, Texas and Ahmed Elsayed Fouda of Spring, Texas ("ASSIGNORS"), have invented IDENTIFYING CORROSION FROM ELECTROMAGNETIC CORROSION MEASUREMENTS AND HIGH-RESOLUTION CIRCUMFERENTIAL MEASUREMENTS, 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 IDENTIFYING CORROSION FROM ELECTROMAGNETIC CORROSION MEASUREMENTS AND HIGH-RESOLUTION CIRCUMFERENTIAL MEASUREMENTS,
- 2. United States Provisional application on said invention, Application No. 63/073,844, filed September 2, 2020, entitled IDENTIFYING CORROSION FROM ELECTROMAGNETIC CORROSION MEASUREMENTS AND HIGH-RESOLUTION CIRCUMFERENTIAL MEASUREMENTS, Halliburton Reference No. 2020-IPM-104301V1 US;
- 3. United States Patent application on said invention, Application No. 17/223,821, filed April 6, 2021, entitled IDENTIFYING CORROSION FROM ELECTROMAGNETIC CORROSION MEASUREMENTS AND HIGH-RESOLUTION CIRCUMFERENTIAL MEASUREMENTS, Halliburton Reference No. 2020-IPM-104301-US01:
- 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;

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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	
protection and we covenant that we, and our executors, will, at the expense of ASSIGNEE, its s	ciated with said invention, applications, patents and like heirs, legal representatives, assigns, administrators, and successors and assigns, execute all papers and perform such ASSIGNEE, its successors and assigns, the full benefit of
Executed this <u>25 th</u> day of <u>March</u>	
STATE OF TEXAS) COUNTY OF HARMS)	Freeman Lee Hill, III
Before me personally appeared said Freeman Le be his free act and deed this AS day of Notary Public, State of Texas Comm. Expires 10-21-2024 Notary ID 132738808	e Hill, III and acknowledged the foregoing instrument to ACC
In the presence of: (Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	(Witness's Full Address)
In the presence of:	
(Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	

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(Witness's Full Address)

Executed this 25th day of Man	Junwen Dai
STATE OF (X)) ss (Southern County of Montgomery)	
Before me personally appeared said Junwa act and deed this day of	en Dai and acknowledged the foregoing instrument to be his free, 2021.
Seal	
OR	(Notary)
In the presence of: Zhen (hang (Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	7 Twin Feather Pl., The Woodlands, 77381, Tx (Witness's Full Address)
In the presence of:	
Shuxia Wang (Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	<u>No. 9. zhe li mulu Rol</u> , Xineheng Dist (Witness's Full Address)
	jiao tong jiayuen, Blolg2, Waiti,
	18t Fl, west House
	Hohhot, Inner. Mongolia,
	China, Olase / PATENT China, Olase / PATENT China, Olase / PATENT China (China)

CTLG Ref. No. 1560-120801 HES Ref. No. 2020-IPM-104301-US01

Executed this 29th day of March	, 2021
	Ahred Assed Fords
	Ahmed Elsayed Fouda
STATE OF Texas)) ss	
COUNTY OF Harris	
Before me personally appeared said Ahmed Eleto be his free act and deed this _ day of	sayed Fouda and acknowledged the foregoing instrument, 2021.
Seal	(Notary)
OR	(xoney)
In the presence of:	
Sara Amin	Take Amix
(Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	18730 Cypress Loch Dr., Spring, TX 77379
	(Witness's Full Address)
In the presence of:	
(Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	OTT A THAIL S
	(Witness's Full Address)

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RECORDED: 04/06/2021