507081004 01/19/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN R. HARDIN	01/04/2022
TIMOTHY EDWARD HARMS	01/05/2022
ROBERT TRAVIS MURPHY	01/07/2022
ADNAN ZAMAN	01/06/2022

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:	17569635
PCT Number:	US2022012803

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: 281-962-4503

Email: rflynt@ctumeylawgroup.com

Correspondent Name: C. TUMEY LAW GROUP, PLLC - HES

Address Line 1: P.O. BOX 890226

Address Line 4: HOUSTON, TEXAS 77062-9998

ATTORNEY DOCKET NUMBER:	1560-134600 AND 134601
NAME OF SUBMITTER:	JOHN ROSS FLYNT
SIGNATURE:	/rflynt/
DATE SIGNED:	01/18/2022

Total Attachments: 5

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ASSIGNMENT

Whereas, We, John R. Hardin, Timothy Edward Harms, Robert Travis Murphy, and Adnan Zaman ("ASSIGNORS"), have invented ADJUSTABLE FLEX SYSTEM FOR DIRECTIONAL DRILLING, 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 ADJUSTABLE FLEX SYSTEM FOR DIRECTIONAL DRILLING,
- 2. United States Patent application on said invention, Application No. 17/569,635 filed January 6, 2022 entitled ADJUSTABLE FLEX SYSTEM FOR DIRECTIONAL DRILLING, Halliburton Reference No. 2021-INV-110639-US01: (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);
- 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;
- 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

	of priority associated with said invention, applications, patents and like
_	at we, and our heirs, legal representatives, assigns, administrators, and
- ·	ASSIGNEE, its successors and assigns, execute all papers and perform such necessary to give ASSIGNEE, its successors and assigns, the full benefit of
this Assissment	
My,	
Executed thisday of	<u>JANUACY</u> 2022
	Jac R Kara
	John R. Hardin
STATE OF	
CONTINUES OF) ss
COUNTY OF	,
Before me personally appeared free act and deed this 4 day of	said John R. Hardin and acknowledged the foregoing instrument to be his <u>January</u> , 2022.
Seal	
130GA	(Notary)
OR	
In the presence of:	
Karen Hardin	Karen Janden
(Witness's Name)	(Witness's Signature)
(AATINGSS S LASTIC)	•
WITNESS CONTACT INFORI	MATION: 1314 RICALAWA DA
	MATION: 13/4 RICKLOWN DA STANG TX 77379
In the presence of:	
Lavry Hardia	Raven Hardin
(Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFOR	MATION: (Witness's Signature) (Witness's Full Address)
	(Witness's Full Address)

PATENT

REEL: 058690 FRAME: 0612

Executed thisday of	og ex 15 h. od M
	Tigothy Edward Harms
STATE OF	
COUNTY OF) ss	
Before me personally appeared said to be his free act and deed this day	Timothy Edward Harms and acknowledged the foregoing instrumen of Jঞ্জন্ত্র প্রত্যান্ত্র 2022.
Seal	/N.C
OR	(Notary)
In the presence of: The contract informate	(Witness's Signature) ()
In the presence of: Constant Service Name) Witness's Name) WITNESS CONTACT INFORMAT	

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Executed this Zth day of Jam		
	Robert Travis Murphy	
STATE OF TOXAS) SSS COUNTY OF (TOXASON)		
Before me personally appeared said Robert Tr to be his free act and deed this Triday of Store	avis Murphy and acknowledged th	ne foregoing instrument
Scal	Mole Molu	AL)
OR	CQ - 1-27	Ay Commission Expires April 21, 2024
In the presence of:		YowaM IsgnA 8-8958bSER # GI YnsioN
(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:	(Witness's Full Address)	

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*	447/46
	Adnan Zaman
STATE OF TX)	
STATE OF TX) ss COUNTY OF HARRY)	
Before me personally appeared said Adnan Z free act and deed this 6 day of January	Zaman and acknowledged the foregoing instrument to
Seal	
OR	(Notary)
In the presence of:	
(Witness's Name)	has a
(Witness's Name)	(Witness's Signature)
WITNESS CONTACT INFORMATION:	2115 Arpaggio Deire (Witness Full Address)
	Spring TY 78336
	. 1
In the presence of:	77380 75
•	77386 45 ZLQQ
•	(Witness's Signature)
Brian Doud	72 QO

PATENT REEL: 058690 FRAME: 0615

RECORDED: 01/19/2022