

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7087711

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YUANYAN CHEN	11/12/2021
ROBERT P. DARBE	11/10/2021
NAZLI DEMIRER	11/19/2021
KHUNSA HISHAM	12/08/2021
SHAHIN TASOUJIAN	11/13/2021
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: 2	
Property Type	Number
Application Number:	17546906
PCT Number:	US2021064718
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	281-962-4503
Email:	ctumey@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:	1560-129300 AND 129301
NAME OF SUBMITTER:	COREY TUMEY
SIGNATURE:	/Corey Tumey/
DATE SIGNED:	12/21/2021
Total Attachments: 6	

source=2021-INV-110410-US01-Assignment-as filed-1560-129300#page1.tif

source=2021-INV-110410-US01-Assignment-as filed-1560-129300#page2.tif

source=2021-INV-110410-US01-Assignment-as filed-1560-129300#page3.tif

source=2021-INV-110410-US01-Assignment-as filed-1560-129300#page4.tif

source=2021-INV-110410-US01-Assignment-as filed-1560-129300#page5.tif

source=2021-INV-110410-US01-Assignment-as filed-1560-129300#page6.tif

ASSIGNMENT

Whereas, We, **Yuanyan Chen, Robert P. Darbe, Nazli Demirer, Khunsa Hisham, and Shahin Tasoujian** ("ASSIGNORS"), have invented **ERROR-SPACE FEEDBACK CONTROLLER FOR DRILL BIT STEERING**, 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 **ERROR-SPACE FEEDBACK CONTROLLER FOR DRILL BIT STEERING**,
2. United States Patent application on said invention, Application No. 17/546,906, filed December 9, 2021, entitled **ERROR-SPACE FEEDBACK CONTROLLER FOR DRILL BIT STEERING**, Halliburton Reference No. **2021-INV-110410-US01**; (The undersigned hereby grant(s) the firm of C. Tumeys 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;
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

Executed this 10th day of November, 2021

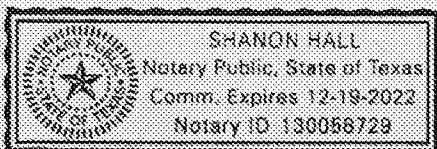


Robert P. Darbe

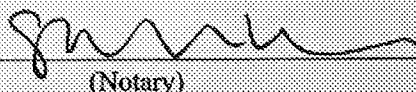
STATE OF Texas)
) ss
COUNTY OF Harris)

Before me personally appeared said **Robert P. Darbe** and acknowledged the foregoing instrument to be his free act and deed this 10th day of November, 2021.

Seal



OR



(Notary)

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:

(Witness's Full Address)

