505782004 11/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT5828831

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MURALIDHAR SESHADRI	04/10/2019
DAVID RONALD BEARD	04/10/2019
GARY WAYNE KAINER	04/19/2019
BARIS GUNER	04/10/2019

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: 1

Property Type	Number
Application Number:	16615071

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: ctumey@ctumeylawgroup.com

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

Address Line 1: PO BOX 890226

Address Line 4: HOUSTON, TEXAS 77062-9998

ATTORNEY DOCKET NUMBER:	1560-054902
NAME OF SUBMITTER:	COREY TUMEY
SIGNATURE:	/Corey Tumey/
DATE SIGNED:	11/19/2019

Total Attachments: 5

source=2017-IPM-101979-U1-Assignment-signed#page1.tif source=2017-IPM-101979-U1-Assignment-signed#page2.tif source=2017-IPM-101979-U1-Assignment-signed#page3.tif

PATENT 505782004 REEL: 051055 FRAME: 0666

source=2017-IPM-101979-U1-Assignment-signed#page4.tif source=2017-IPM-101979-U1-Assignment-signed#page5.tif

PATENT REEL: 051055 FRAME: 0667

ASSIGNMENT

Whereas, We, Muralidhar Seshadri of Sugar Land, Texas, David Ronald Beard of Houston, Texas, Gary Wayne Kainer of Tomball, Texas, and Baris Guner of Houston, Texas, ("ASSIGNORS"), have invented A METHOD TO ESTIMATE FORMATION RESISTIVITY, 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 A METHOD TO ESTIMATE FORMATION RESISTIVITY.
- 2. United States application on said invention, Application No. 62/656,203, filed April 11, 2018, entitled **A METHOD TO ESTIMATE FORMATION RESISTIVITY**, Halliburton Reference No. 2017-IPM-101979V1 US.
- 3. Patent Cooperation Treaty international application on said invention, Application No. PCT/US2019/026819 , filed April 10 , 2019, entitled A METHOD TO ESTIMATE FORMATION RESISTIVITY, Halliburton Reference No. 2017-IPM-101979U1 PCT (The undersigned hereby grant(s) the firm of Corey 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 us or our 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 us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;

PATENT REEL: 051055 FRAME: 0668

- 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;
- 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.

Executed this 10 th day of APRI	, 2019
	merid.
STATE OF Toles	Muralidhar Seshadri
) ss	
STATE OF Feyas)) ss COUNTY OF Hams)	
Before me personally appeared said M foregoing instrument to be his free act and c 2019.	uralidhar Seshadri and acknowledged the deed this day of
Seal	Rotary)
RENEE HARTIS Notary ID #403152-2 My Commission Expires December 12, 2022	

Page 3 of 3 Tumey Ref. No. 1560-054901 Halliburton Ref. No. 2017-IPM-101979U1 PCT

Executed this 10th day of April	, 2019
	500 a
STATE OF TULGS	David Ronald Beard
) ss	The same of the sa
STATE OF THAS) ss COUNTY OF HAWK,	
Before me personally appeared said Da foregoing instrument to be his free act and d 2019.	vid Ronald Beard and acknowledged the leed this day of,
RENEE HARTIS Notary ID #403152-2 My Commission Expires December 12, 2022	Znu Hardis (Notary)

PATENT REEL: 051055 FRAME: 0670

Page 4 of 5 Tumey Ref. No. 1560-054901 Halliburton Ref. No. 2017-IPM-101979U1 PCT

Executed this $\frac{19}{100}$ day of $\frac{4p}{100}$	<u>- 1</u> , 2019
STATE OF TEXTS) ss COUNTY OF HUMS)	Gafy Wayne Kainer
Before me personally appeared sa foregoing instrument to be his free ac 2019.	id Gary Wayne Kainer and acknowledged the tand deed this May of April
Seal RENEE HARTIS Notary ID #403152-2 My Commission Expires	Zunu Hortz

Page **5** of **5** Tumey Ref. No. 1560-054901 Halliburton Ref. No. 2017-IPM-101979U1 PCT

Executed this 10 day of April	, 2019
	Ywel
	Karis Guner
STATE OF TOXAS	
COUNTY OF HAMIS	
Before me personally appeared said Bar instrument to be his free act and deed this or	is Guner and acknowledged the foregoing day of April , 2019.
Seal	Zuny Horto
RENEE HARTIS Notary ID #403152-2 My Commission Expires December 12, 2022	

PATENT REEL: 051055 FRAME: 0672

RECORDED: 11/19/2019