PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2775827

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LI GAO	01/13/2014
MICHAEL T. PELLETIER	01/13/2014
MARK A. PROETT	01/29/2014

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES INC.
Street Address:	10200 BELLAIRE BLVD.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2012036372

CORRESPONDENCE DATA

Fax Number: (214)200-0853

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 214-651-5000

Email: ipdocketing@haynesboone.com

Correspondent Name: HAYNES AND BOONE, LLP - IP SECTION

Address Line 1: 2323 VICTORY AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER:	7523.366 PCT
NAME OF SUBMITTER:	DARRELL D. KINDER, JR.
SIGNATURE:	/Darrell D. Kinder, Jr./
DATE SIGNED:	03/19/2014

Total Attachments: 6

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> PATENT REEL: 032476 FRAME: 0937

ASSIGNMENT

WHEREAS, Li Gao (an "ASSIGNOR"), a citizen of the United States of America, residing at 5618 Grandwood Ln, Katy, Texas 77450, United States of America, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below.

WHEREAS, Michael T. Pelletier (an "ASSIGNOR"), a citizen of the United States of America, residing at 7826 Heather Heights Way, Houston, Texas 77095-4113, United States of America, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below.

WHEREAS, Mark A. Proett (an "ASSIGNOR"), a citizen of the United States of America, residing at 3611 Covey Trail Drive, Missouri City, Texas 77459, United States of America, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below.

"Intellectual Property" shall collectively mean the technology developed by ASSIGNOR and generally titled:

SINGLE MAGNET FLUID DENSITOMETER

as well	as any application related thereto, including, without limitation, the application(s):
	of even date filed herewith;
X	filed on May 3, 2012, and assigned application number PCT/US2012/036372.

WHEREAS, each ASSIGNOR is desirous of assigning all of his right in the Intellectual Property to Halliburton Energy Services Inc. ("ASSIGNEE"), a corporation, doing business at 10200 Bellaire Blvd., Houston, Texas 77072, United States of America.

NOW, THEREFORE, subject to the terms, conditions, covenants and provisions of this Assignment, and in consideration of Ten Dollars (\$10.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each ASSIGNOR, the parties hereto, intending legally to be bound, agree as follows:

Each ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, said ASSIGNOR'S entire right, title, and interest in the Intellectual Property, including, without limitation, (i) all United States and foreign rights therein, whether patentable or not, and in and to aforesaid patents, patent applications and any divisions or continuations thereof, and any patents or similar registrations obtained for the Intellectual Property in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such patents and (ii) all causes of action, past, present, and future, for infringement, unfair competition or otherwise with respect to the Intellectual Property and all disclosures of ideas, whether or not patentable and all pending applications.

Each ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

PATENT REEL: 032476 FRAME: 0938 Each ASSIGNOR hereby covenants that (i) he believes himself to be the original and first inventor of the subject matter of the Intellectual Property; (ii) he has the full right to convey his entire right, title and interest in said Intellectual Property, and (iii) he has not executed and will not execute any agreement in conflict herewith.

Each ASSIGNOR further covenants that that he or she will not undertake any activity to erode or challenge the Assignees' rights in the Intellectual Property assigned hereunder. In addition, each ASSIGNOR further covenants not to disclose the Intellectual Property assigned hereunder to anyone outside the ASSIGNEE, its successors, legal representatives and assigns.

Each ASSIGNOR further covenants that he will, at any time, upon ASSIGNEE'S request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in the Intellectual Property, or any patents that may be granted therefore, in the ASSIGNEE, its successors and assigns, and if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said Intellectual Property, or to secure a reissue or extension of any Letters Patent, to file disclaimer relating thereto, or an application for a corresponding patent in any foreign country, or undertake any other act to secure and protect the ASSIGNEE'S rights in the Intellectual Property, that he will upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purposes, but at the expense of the ASSIGNEE.

Each ASSIGNOR hereby acknowledges that the entire beneficial interest in the Intellectual Property and to which the above application relates is irrevocably vested in the ASSIGNEE including the right to make the application for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assents to the making of any such applications, with or without priority claims, and of any divisional application resulting therefrom.

Each ASSIGNOR further covenants that he will at all times communicate to the ASSIGNEE, its successors, assigns or legal representatives, all facts relating to the Intellectual Property, or the history thereof, known to him, and testify as the same in interferences or other litigation, when requested so to do.

Executed and delivered this 13th day	y of January 2018. 4
Inventor. Li Gao	
State of Texas §	
County of Harris §	
BEFORE ME, the undersigned at 2012, Li Gao, known to the foregoing instrument, and acknowledged instrument as his free and voluntary act and de [SEAL] ALEX WEBSTER Notary Public, State of Texas My Commission Expires January 04. 2016	withority, personally appeared this 3 day of the me to be the person whose name is subscribed to me that he signed, sealed and delivered the said and for the uses and purposes therein set forth. Notary Public Alex Webster My Commission Expires: 44 2016
	My Commission Expires:

Customer No. 000027683 Executed and delivered this 13 day of January Inventor: 1/ State of Texas County of Harris BEFORE ME, the undersigned authority, personally appeared this 13 day of 2013, Michael T. Pelletier, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth. [SEAL] ALEX WEBSTER Notary Public, State of Texas My Commission Expires January 04, 2016 My Commission Expires: Executed and delivered this _____ day of _____ 2013. Inventor: ____ Mark A. Proett State of _____ County of BEFORE ME, the undersigned authority, personally appeared this ____ day of 2013, Mark A. Proett, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth. [SEAL]

Notary Public _____

My Commission Expires:

ASSIGNMENT

WHEREAS, Li Gao (an "ASSIGNOR"), a citizen of the United States of America, residing at 5618 Grandwood Ln, Katy, Texas 77450, United States of America, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below.

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as well	as any application	related thereto,	including,	without	limitation,	the application	ı(s):
	of even date filed	herewith;					

X filed on May 3, 2012, and assigned application number PCT/US2012/036372.

WHEREAS, each ASSIGNOR is desirous of assigning all of his right in the Intellectual Property to Halliburton Energy Services Inc. ("ASSIGNEE"), a corporation, doing business at 10200 Bellaire Blvd., Houston, Texas 77072, United States of America.

NOW, THEREFORE, subject to the terms, conditions, covenants and provisions of this Assignment, and in consideration of Ten Dollars (\$10.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each ASSIGNOR, the parties hereto, intending legally to be bound, agree as follows:

Each ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, said ASSIGNOR'S entire right, title, and interest in the Intellectual Property, including, without limitation, (i) all United States and foreign rights therein, whether patentable or not, and in and to aforesaid patents, patent applications and any divisions or continuations thereof, and any patents or similar registrations obtained for the Intellectual Property in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such patents and (ii) all causes of action, past, present, and future, for infringement, unfair competition or otherwise with respect to the Intellectual Property and all disclosures of ideas, whether or not patentable and all pending applications.

Each ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

PATENT REEL: 032476 FRAME: 0941 Each ASSIGNOR hereby covenants that (i) he believes himself to be the original and first inventor of the subject matter of the Intellectual Property; (ii) he has the full right to convey his entire right, title and interest in said Intellectual Property, and (iii) he has not executed and will not execute any agreement in conflict herewith.

Each ASSIGNOR further covenants that that he or she will not undertake any activity to erode or challenge the Assignees' rights in the Intellectual Property assigned hereunder. In addition, each ASSIGNOR further covenants not to disclose the Intellectual Property assigned hereunder to anyone outside the ASSIGNEE, its successors, legal representatives and assigns.

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Executed and delivered this	day of2013.
Inventor:	
Li Gao	
State of §	
State of § County of §	
	I authority, personally appeared this day of n to me to be the person whose name is subscribed to
the foregoing instrument, and acknowledg	ged to me that he signed, sealed and delivered the said d deed for the uses and purposes therein set forth.
[SEAL]	
	Notary Public
	My Commission Expires:

Executed and delivered this	day of2013.
Inventor:	
Michael T. Pelletier	
State of	
County of§	
2013, Michael T. subscribed to the foregoing instrument	ned authority, personally appeared this day of Pelletier, known to me to be the person whose name is t, and acknowledged to me that he signed, sealed and be and voluntary act and deed for the uses and purposes
[SEAL]	
	Notary Public
	My Commission Expires:
Executed and delivered this 2° Inventor: Mark A. Proett	9 day of <u>JAN</u> 201 9
State of TEXAS 8	
State of TEXAS § County of HARRIS §	•
JANVARY 2014, Mark A. F subscribed to the foregoing instrumen	day of croett, known to me to be the person whose name is t, and acknowledged to me that he signed, sealed and the and voluntary act and deed for the uses and purposes
[SEAL]	Lynne S. Janies
NAME O LANGE	Notary Public LYNNE D. LANIER
LYNNE D. LANIER Notary Public, State of Texas My Commission Expires February 01, 2016	My Commission Expires: 02/01/2016