504244461 02/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4291139

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ					
			Name	Execution Date		
LOUIS F. LAFLEUR				03/30/2016		
RALPH J. ROBERT				03/30/2016		
CLINT A. BROWN				03/30/2016		
PAUL A. HINES				03/31/2016		
RECEIVING PARTY DA	ТА					
Name: HALLIBURTON ENERGY SERVICES, INC.						
Street Address:		3000 N. SAM HOUSTON PARKWAY E.				
City:	HOUS	HOUSTON				
State/Country:	TEXAS	TEXAS				
Postal Code:	77032					
PROPERTY NUMBERS Total: 1 Property Type		Number				
Application Number:		1550	5362			
CORRESPONDENCE D	ΛΤΛ					
Fax Number:		(214)	200-0853			
Correspondence will b		o the	e-mail address first; if that is un			
•		•	hat is unsuccessful, it will be ser	nt via US Mail.		
Phone: Email:			sketing@haynesboone.com	51-5000		
Correspondent Name:			NES AND BOONE, LLP			
•		VICTORY AVENUE, SUITE 700				
Address Line 2:		IP SE	ECTION			
Address Line 4:		DALLAS, TEXAS 75219				
ATTORNEY DOCKET NUMBER:		7523.1628US01				
NAME OF SUBMITTER:			DELAUNDA N. LANFORD			
SIGNATURE:		/Delaunda N. Lanford/				
DATE SIGNED:		02/24/2017				
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ASSIGNMENT

WHEREAS, Louis F. Lafleur (an "ASSIGNOR"), a citizen of the United States of America, residing at 25306 Doyle Sands Ct., Spring, TX 77389, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below.

WHEREAS, Ralph J. Robert (an "ASSIGNOR"), a citizen of the United States of America, residing at 7519 Highland Farms Rd. Houston, TX 77095, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below. $\frac{2730}{7730}$ for lade Place C+, 7735 G

WHEREAS, Clint A. Brown (an "ASSIGNOR"), a citizen of the United States of America, residing at 14002 Hunters Lake Ct., Houston, TX 77044, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below. $29780 \ \ensuremath{\mathcal{F}}^{\prime\prime\prime} \ 2978, \ \ensuremath{\mathcal{F}}^{\prime\prime} \ 354 \ \ensuremath{\mathcal{C}}^{\prime\prime\prime}$

WHEREAS, Paul A. Haines (an "ASSIGNOR"), a citizen of United Kingdom, residing at 171 Forest Heights Ln., Montgomery, TX 77316, 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:

PRESSURE TESTING FOR DOWNHOLE FLUID INJECTION SYSTEMS

as well as any application related thereto, including, without limitation, the application(s):

of even date filed herewith:

x_____filed on March 28, 2016 and assigned application number PCT/US16/24539

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 3000 N. Sam Houston Parkway E., Houston, Texas 77032, 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, provisionals or continuations thereof, and any patents or similar registrations obtained for the Intellectual Property in the

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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, as well as all rights to claim priority to any of the foregoing 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.

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 he will not undertake any activity to erode or challenge the ASSIGNEE'S rights in the Intellectual Property assigned hereunder.

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 30th day of March 2016.

Volis & Yofleur Inventor: Louis F. Lafleur

State of	Texas	Ş
		ŝ
County of	Kanii	Š

and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.



Notary Public in and for the State of See.

My Commission Expires: 02/06/17

Patent / Docket No. 7523.1628WO01 (2013-IP-080053 UI PCT) Customer No. 000027683

Executed and delivered this <u>BO</u> day of <u>March</u> 2016.

Inventor: Ralph J. Robert

State of	Texas	ş
	1.	ş
County of	larris	Ş

BEFORE ME, the undersigned authority, personally appeared this 30^{t} day of <u>March</u> 2016, <u>Rata</u> Robert, 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.



Notary Public in and for the State of <u>Teyag</u>

My Commission Expires: 02106/17

Executed and delivered this <u>30</u> day of M_{arc} <u>4</u> 2016.

Inventor: Clint A. Brown

State of Tercas
County of Karni 400 400 Ş

BEFORE ME, the undersigned authority, personally appeared this 36th day of <u>ulanin</u> 2016, <u>Clint froun</u>, 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.



Notary Public in and for the State of Texas

My Commission Expires: 02/06/17

Executed and delivered this	31 day of MARCH 201	t 6 .
	Qua	
	Inventor: Paul A. Haines	
State of	\$ \$	

County of ______ §

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BEFORE ME, the undersigned authority, personally appeared this _____ day of _________, 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.

Notary Public in and for the State of _____

My Commission Expires:

PATENT REEL: 041373 FRAME: 0169

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