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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3669890

SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
		ASSIGNMENT		
CONVEYING PARTY	/ DATA			
		Execution Date		
CHRISTOPHER LEE STOKELY			06/12/2014	
NEAL GREGORY SKINNER			06/17/2014	
			00/17/2014	
RECEIVING PARTY	DATA	JRTON ENERGY SERVICES, INC.		
RECEIVING PARTY	DATA HALLIBU	JRTON ENERGY SERVICES, INC. SAM HOUSTON PARKWAY E.		
RECEIVING PARTY Name:	DATA HALLIBU	SAM HOUSTON PARKWAY E.		
RECEIVING PARTY Name: Street Address:	DATA HALLIBU 3000 N. 3	SAM HOUSTON PARKWAY E.		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14900752

CORRESPONDENCE DATA

Fax Number:	(404)601-5874		
		-mail address first; if that is unsuccessful, it will be sent at is unsuccessful, it will be sent via US Mail.	
Phone:	404-815-6500		
Email:	jautran@kilpatricktownsend.com		
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP		
Address Line 1:	1100 PEACHTREE STREET		
Address Line 2:	SUITE 2800		
Address Line 4:	ATLA	NTA, GEORGIA 30309	
ATTORNEY DOCKET NUMBER:		061429-0961402	
NAME OF SUBMITTER:		JON AUTRAN	
SIGNATURE:		/Jon Autran/	
DATE SIGNED:		12/22/2015	
Total Attachments: 3			
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ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS IN PATENT APPLICATION

Whereas we, the undersigned inventors, have invented certain new and useful innovations as set forth in the patent application entitled:

DOWNHOLE ACOUSTIC DENSITY DETECTION

the specification of which was filed with the U.S. Receiving Office of the PCT on June 11, 2014, and assigned application no. PCT/US2014/041859.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Halliburton Energy Services, Inc., a corporation of the State of Texas having a principal place of business at 3000 N. Sam Houston Parkway E., Houston, Texas 77032-3219 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph

PATENT REEL: 037349 FRAME: 0661 Assignment of Intellectual Property Rights in Application Patent Application Entitled: Downhole Acoustic Density Detection Attorney Docket: 61429-901898 Page 2 of 3

(including provisional rights to reasonable royalties pursuant to 35 U.S.C. $\S154(d)$) and the right to sue for and collect such damages and royalties for Assignee's own use.

- Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Dated: June 12, 2014 (Martin 2 De Christopher Lee Stokely STATE OF Texas COUNTY OF Harris Before me, a Notary Public in and for the State of 1960-2 , on this /. , 2014, personally appeared Christopher-Lee Stokely, who being duly ofsyorn/signed and acknowledged the foregoing Assignment as his free act and deed **ÄRY PUBEIC** (Seal) My/Commission Expires: #

Assignment of Intellectual Property Rights in Application Patent Application Entitled: Downhole Acoustic Density Detection Attorney Docket: 61429-901898 Page 3 of 3

Dated: Jre 17 20/4

Shin

Neal Gregory Skicher

STATE OF TEXED COUNTY OF Ancas

Before me, a Notary Public in and for the State of $\underline{\mathcal{TexaS}}$, on this $\underline{17}$ day of $\underline{\mathcal{June}}$, 2014, personally appeared Neal Gregory Skinner, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

<u>Cynthia 4.2</u> NOIWRY PUBLIC

My Commission Expires:

10-29-205

