503661623 01/23/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER L. STOKELY	08/08/2013
NEAL G. SKINNER	08/08/2013
LEONARDO NUNES	08/08/2013

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:	14903503

CORRESPONDENCE DATA

Fax Number: (888)269-4577

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: (512) 431-2954

Email: MAErvinAssoc@austin.rr.com

Correspondent Name: MICHAEL A. ERVIN
Address Line 1: 8202 TALBOT COVE
Address Line 4: AUSTIN, TEXAS 78746

ATTORNEY DOCKET NUMBER:	HESME-028B	
NAME OF SUBMITTER:	MICHAEL A. ERVIN	
SIGNATURE:	/Michael A. Ervin/	
DATE SIGNED:	01/23/2016	

Total Attachments: 4

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PATENT 503661623 REEL: 037566 FRAME: 0703

ASSIGNMENT

Whereas, I/We, Christopher Lee Stokely of Houston, Texas, Neal G. Skinner of Lewisville, Texas, and Leonardo de Oliveira Nunes of Rio de Janeiro, Brazil, have invented 'Systems and Methods for Spread Spectrum Distributed Acoustic Sensor Monitoring' for which I/We have made a PCT application for in the United States Receiving Office; and

Whereas, HALLIBURTON ENERGY SERVICES, INC, a Delaware Corporation, having a place of business at 10200 Bellaire Boulevard, Houston, Texas 77072 is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, by these presents do sell, assign and transfer and convey unto HALLIBURTON ENERGY SERVICES, INC., its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application first executed on August 12, 2013, submitted concurrently herewith, and any divisional, continuing or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefor: said invention, application and any and all Letters Patent issuing therefor to be held and enjoyed by HALLIBURTON ENERGY SERVICES, INC., for its own use and behoof and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention.

And I do further agree to communicate to HALLIBURTON ENERGY SERVICES, INC., its successors, assigns or other legal representatives, such facts relating: to the invention disclosed m the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any interference or other litigation.

PATENT REEL: 037566 FRAME: 0704

Executed this 8 day of 10 for	<u>. 50</u>
	Christopher Lee Stokely
STATE OF TEXAS)
)
COUNTY OF HARRIS)
Before me personally appeared sa instrument to be his free act and de	aid Christopher Lee Stokely and acknowledged the foregoing eed this, 2013.
San Carlos Seal (1)	Des-Place
	(Notary)
	DEBRA P. GREENLAW Notary Public, State of Texas My Commission Expires November 19, 2016

Executed this <u>%+h</u> day of <u>Augus</u> , 2013
Leonardo de Oliveira Nunes
CITY OF <u>Rio de Joneiro</u>
COUNTRY OF Brazil
BEFORE ME, Leonardo Nunes, known to me to be the person whose name is signed above has acknowledged to me that he did so on his own free will in understanding this Assignment.
(Signature):
(Signature):

PATENT REEL: 037566 FRAME: 0706

Executed this <u>874</u> day of <u>August</u> 2013
1/1/1/
Neal G. Skinner
STATE OF /AKAS COUNTY OF /AKAS
Before me personally appeared said Neal G. Skinner and acknowledged the foregoing instrument to be his free act and deed this day of
<u>August</u> , 2013.
Webrat Preenter
DEBRA P. GREENLAW Notary Public, State of Texas My Commission Expires November 19, 2016

PATENT REEL: 037566 FRAME: 0707

RECORDED: 01/23/2016