503767377 04/04/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3814023

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRIS GAO	07/22/2015
LABAN M MARSH	07/16/2015
PAUL F RODNEY	04/06/2015

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:	15027089

CORRESPONDENCE DATA

Fax Number: (202)756-8087

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: 202 756 8000

Email: mweipdocket@mwe.com

MCDERMOTT WILL & EMERY LLP **Correspondent Name:** Address Line 1: THE MCDERMOTT BUILDING

Address Line 2: 500 NORTH CAPITOL STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20001

ATTORNEY DOCKET NUMBER:	098273-0549
NAME OF SUBMITTER:	IONA N. KAISER
SIGNATURE:	/lona N. Kaiser/
DATE SIGNED:	04/04/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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> **PATENT** REEL: 038184 FRAME: 0535

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> PATENT REEL: 038184 FRAME: 0536

DECLARATION AND ASSIGNMENT

As t	As the below named inventor, I hereby declare that:							
This	declaratio	n is direc	ted to:					
\boxtimes	The atta	ched app	olication to be file	d as a	United States	application or		
	PCT inte	rnational	application, or					
	United 5	States a	pplication or PCT	interr	national applica	ation number		
		filed	on; a	nd,				
entitled '	"SENSOR	DATA	COMPRESSION	FOR	DOWNHOLE	TELEMETRY		
APPLICATI	IONS." Re	garding t	hat application, I	declare	the following:			

- The above-identified application was made, or authorized to be made, by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this
 declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of
 not more than five (5) years, or both.

Moreover, Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219 (hereinafter "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, by these presents do sell, assign and transfer and convey unto Assignee, 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 identified above, and any national phase, divisional, continuing, continuation-in-part, or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing there from to be held and enjoyed by Assignee, for its own use and benefit, 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.

1 of 2

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 Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in 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.

Executed this _	221	_day of _	July	, 2015
		_	anle	
		C	HRIS GAO	
STATE OF)		
COUNTY OF)		

Before me personally appeared said CHRIS GAO and acknowledged the foregoing instrument to be a free act and deed this $\frac{72}{200}$ day of $\frac{300}{200}$, 2015.

Seal Xueman Li

/Notary

LAD

DECLARATION AND ASSIGNMENT

As	the below n	amed inv	entor, I hei	reby dec	clare th	at:	
Thi	s declaratio	n is direc	ted to:				
\boxtimes	The atta	ched ap	olication to	be filed	d as a	United States	application o
	PCT inte	rnational	application	, or			
	United :	States a	pplication (or PCT	intern	ational applic	ation numbe
		filed	on	; ar	nd,		
entitled	"SENSOR	DATA	COMPRES	SION	FOR	DOWNHOLE	TELEMETR
APPLICAT	ΓΙΟΝ <mark>S.</mark> " Re	aardina t	hat applicat	tion, I d	eclare t	he following:	

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- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
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1 of 2

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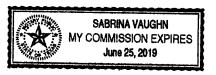
And I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S.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

And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in 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.

Executed this	6th day of	JULY	, 2015	
	_	amy	nMarsh	
	L	ABAN M. MARS	SH	
STATE OF)			
COUNTY OF)			

Before me personally appeared said LABAN M. MARSH and acknowledged the foregoing instrument to be a free act and deed this $\frac{10}{2}$ day of $\frac{10}{2}$, 2015.

Seal



Sabrina Vaucha (Netary)

DECLARATION AND ASSIGNMENT

As	the below r	amed inv	entor, I h	ereby de	clare th	nat:			
Thi	s declaratio	n is direc	ted to:						
\boxtimes	The atta	ached ap	olication to	o be filed	l as a	United S	tates a	applicat	tion or
	PCT inte	rnational	applicatio	n, or					
	United	States a	pplication	or PCT	interr	ational	applica	tion n	umber
		filed	on	; ar	nd,				
entitled	"SENSOR	DATA	COMPRE	SSION	FOR	DOWN	HOLE	TELEI	ИETRY
APPLICAT	TIONS." RE	garding t	hat applic	ation, I d	eclare	the follow	wing:		

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And I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in 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.

STATE OF SULLAND

Before me personally appeared said PAUL F. RODNEY and Acknowledged the foregoing instrument to be a free act and deed this @day of @pel____, 2015.

My Commission Expires April 21, 2018

RECORDED: 04/04/2016