# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3706296

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
R. NIEMAR	11/04/2014
YONG AN YAN	11/04/2014
WEI HSUAN HUANG	10/29/2014
YEE SIANG TEH	11/04/2014

## **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:	14906864

### **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:	098273-0308
NAME OF SUBMITTER:	DEBBIE ALLEN
SIGNATURE:	/Debbie Allen/
DATE SIGNED:	01/21/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
	-

**Total Attachments: 8** 

**PATENT** REEL: 037554 FRAME: 0165

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PATENT REEL: 037554 FRAME: 0166

As tr	ne below named inventor, I hereby declare that:
This	declaration is directed to:
	The attached application to be filed as a United States application o
	PCT international application, or
American and a second a second and a second	United States application or PCT international application number
	filed on; and,
entitled "D	UAL CORE LOCKING GEOPHONE." Regarding that application, I declare
the followin	q:

- 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.

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 _	4th	_day of _	November	, 2014
			3445	
		Y	ONG AN YAN	Reference to the second

Before me personally appeared said YONG AN YAN and acknowledged the foregoing instrument to be a free act and deed this 44 day of November, 2014.

(Witness)

As	the	below	named	inventor,	I	hereby	declare	that:

This declaration is directed to:

not more than five (5) years, or both.

$\geq$	3	The at	tached	appli	cation	to	be	filed	as	а	United	States	appli	cation	01
		PCT int	ernatio	nal a	pplicat	ion	, or								
		United	States	s app	olicatio	n	or	PCT	inte	ern	ational	applic	ation	numb	er
			fil	ed or	1		en e	_; an	d,						
entitled	"DUA	AL COR	E LOCI	KING	GEOP	НОГ	VE.	" Re	gard	lin	g that	applica	tion, 1	I decla	re

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

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Executed this <u>4' </u> day o	of NOVEMBER , 2014
	Ph.
	R. NIEMAR
	ed said R. NIEMAR and acknowledged the
foregoing instrument to be a free act	and deed this 44 day of November, 2014.
	88/2
,	(Witness)

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application to be filed as a United States application or PCT international application, or

United States application or PCT international application number \_\_\_\_\_\_ filed on \_\_\_\_\_\_\_; and,

entitled "DUAL CORE LOCKING GEOPHONE." Regarding that 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.
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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.

1	Executed this	29th	_day of	October	, 2014	
				wh		
			WE	I HSUAN HUAN	NG	ragement und erfolden geben web fühllich milde
1	Before me pers	onally ap	peared sai	d WEI HSUAN	HUANG and	acknowledged
the for	egoing instrume	ent to be	a free act a	and deed this _	29th day of	October,
2014.						
					Chagnayll.	
					Witness)	

As the below named inventor, I hereby declare that:
This declaration is directed to:
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United States application or PCT international application number
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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.

Executed this	4th day of _	November	2014	
		The		
	YI	EE SIANG TEH		
Before me person foregoing instrument to		aid YEE SIANG TEH a		
		Wil	J HOANG,	WEI IKIN
(Witness)				