502206048 01/24/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Zachary W. Walton	01/18/2013
Andy Eis	01/23/2013
Matthew Todd Howell	01/17/2013
Michael Fripp	01/21/2013

RECEIVING PARTY DATA

Name:	Halliburton Energy Services, Inc.	
Street Address:	10200 Bellaire Boulevard	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77072	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13748917	

CORRESPONDENCE DATA

Fax Number: 5802513917

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: dallen@mwe.com

Correspondent Name: John W. Wustenberg, Customer No. 29920 H

Address Line 1: 2600 S. 2nd Street

Address Line 4: Duncan, OKLAHOMA 73536

ATTORNEY DOCKET NUMBER:	091721-0103	
NAME OF SUBMITTER:	Debbie Allen	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

PATENT REEL: 029686 FRAME: 0829

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> PATENT REEL: 029686 FRAME: 0830

DECLARATION AND ASSIGNMENT

	As th	e below named inventor, I hereby declare that:
	This	declaration is directed to:
	\boxtimes	The attached application to be filed as a United States application o
		PCT international application, or
		United States application or PCT International application numbe
		filed on; and,
entitle	ed "S)	STEMS AND METHODS FOR REMOTE ACTUATION OF A DOWNHOLE
rool	" Reg	parding 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.
- 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 10200 Bellaire Boulevard, Houston, TX 77072 (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 divisional, continuing 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 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.

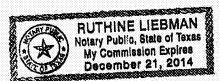
Executed this _______day of ____

ZACHÁRÝ W. WALTON

STATE OF Texas)

COUNTY OF Dallas)

Seal



Quething Gebruan

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 23 day of January

. 2013

STATE OF TEXAS

COUNTY OF Harris

Before me personally appeared said ANDY EIS and acknowledged the foregoing instrument to be a free act and deed this _______, 2013.

ALICA CHERIE JOSEPH Notary Public, State of Texas My Commission Expires December 16, 2014

(Notary)

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 _	174	day of _	Jan)13
		M	IATTHEW TO	DI HOWELL	<u> </u>
STATE OF QYW	(Ama))			

Before me personally appeared said MATTHEW TODD HOWELL and acknowledged the foregoing instrument to be a free act and deed this 17th day of 2013.

Seal

Notary Public, State of Oklahama TIFFANY KYLE Commission # 10009641 Expires 11-15-2014

(Notary)

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.

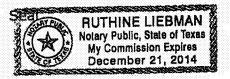
Executed this 2131 day of JANUARY , 2013

MICHAEL FRIPP

STATE OF TEXAS)

COUNTY OF DALLAS)

Before me personally appeared said MICHAEL FRIPP and acknowledged the foregoing Instrument to be a free act and deed this lateral day of laneaux, 2013.



Suffere Lebra (Notary)