

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Paul David Ringgenberg	03/19/2013
RECEIVING PARTY DATA	
Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Blvd.
City:	Houston
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US2013031550
CORRESPONDENCE DATA	
Fax Number:	2142000853
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	214-651-5000
Email:	ipdocketing@haynesboone.com
Correspondent Name:	Haynes and Boone, LLP
Address Line 1:	2323 Victory Avenue, Suite 700
Address Line 2:	IP Section
Address Line 4:	Dallas, TEXAS 75219
ATTORNEY DOCKET NUMBER:	7523.481
NAME OF SUBMITTER:	Jade O. Laye
Signature:	/Jade O. Laye/
Date:	07/22/2013
Total Attachments: 2 source=7523_481_Assignment#page1.tif source=7523_481_Assignment#page2.tif	

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**ASSIGNMENT**

WHEREAS, Paul David RINGGENBERG (an "ASSIGNOR"), a citizen of the United States of America, residing at 2118 Goliad Circle, Frisco, Texas 75033, has developed and is the owner of certain inventions as embodied in and represented by the Intellectual Property, as defined below.

"Intellectual Property" shall collectively mean the technology developed by ASSIGNOR and generally titled:

**PRESSURE RESPONSIVE DOWNHOLE TOOL HAVING AN ADJUSTABLE SHEAR THREAD RETAINING MECHANISM AND RELATED METHODS**

as well as any application related thereto, including, without limitation, the application(s):

\_\_\_ of even date filed herewith;

X filed on March 14, 2013, and assigned application number PCT/US2013/31550.

WHEREAS, each ASSIGNOR is desirous of assigning all of his right in the Intellectual Property to Halliburton Energy Services, Inc. ("ASSIGNEE"), a corporation, doing business at 10200 Bellaire Blvd., Houston, Texas 77072, United States of America.

NOW, THEREFORE, subject to the terms, conditions, covenants and provisions of this Assignment, and in consideration of Ten Dollars (\$10.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each ASSIGNOR, the parties hereto, intending legally to be bound, agree as follows:

Each ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, said ASSIGNOR'S entire right, title, and interest in the Intellectual Property, including, without limitation, (i) all United States and foreign rights therein, whether patentable or not, and in and to aforesaid patents, patent applications and any divisions or continuations thereof, and any patents or similar registrations obtained for the Intellectual Property in the United States and foreign countries, or issuing out of said application or any such division or continuation thereof, and any reissues or extensions of any such patents and (ii) all causes of action, past, present, and future, for infringement, unfair competition or otherwise with respect to the Intellectual Property and all disclosures of ideas, whether or not patentable and all pending applications.

Each ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Each ASSIGNOR hereby covenants that (i) he believes himself to be the original and first inventor of the subject matter of the Intellectual Property; (ii) he has the full right to convey his entire right, title and interest in said Intellectual Property, and (iii) he has not executed and will not execute any agreement in conflict herewith.

