

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3124837

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHILIN CHEN	12/08/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N SAM HOUSTON PARKWAY E
<b>Internal Address:</b>	BUILDING J, ROOM 461
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14554836
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)322-8388
<i>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.</i>	
<b>Phone:</b>	512-322-2500
<b>Email:</b>	crystle.garbade@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS L.L.P. PATENT DEPARTMENT
<b>Address Line 1:</b>	98 SAN JACINTO BLVD., SUITE 1500
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701-4039
<b>ATTORNEY DOCKET NUMBER:</b>	074263.0948
<b>NAME OF SUBMITTER:</b>	CRYSTLE GARBADE
<b>SIGNATURE:</b>	/Crystle Garbade/
<b>DATE SIGNED:</b>	11/26/2014
<b>Total Attachments: 1</b>	
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ASSIGNMENT

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FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Halliburton Energy Services, Inc. (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 10200 Bellaire Boulevard, Houston, Texas 77072-5299, USA, the/their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the International application for Letters Patent, and is entitled "MULTILEVEL FORCE BALANCED DOWNHOLE DRILLING TOOLS AND METHODS," including and claiming priority to US Provisional Application No. 61/121,723 filed December 11, 2008, and US Provisional Application No. 61/174,769 filed May 1, 2009, such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;


WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Title of Invention: MULTILEVEL FORCE BALANCED DOWNHOLE DRILLING TOOLS AND METHODS

Signature of Inventor:  
Inventor's Name:

  
\_\_\_\_\_  
Shilin CHEN

Residence

34 W. Prairie Dawn Circle  
The Woodlands, Texas 77385  
United States

Date:

Dec, 08, 2009