

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the inventors last name previously recorded on Reel 022023 Frame 0614. Assignor(s) hereby confirms the assignment.

CONVEYING PARTY DATA

Name	Execution Date
Shilin Chen	12/12/2008

RECEIVING PARTY DATA

Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Boulevard
City:	Houston
State/Country:	TEXAS
Postal Code:	77072-5299

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12333824

CORRESPONDENCE DATA

Fax Number: (512)322-8383
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 512.322.2601
 Email: apatent@bakerbotts.com
 Correspondent Name: Baker Botts L.L.P.
 Address Line 1: Thomas R. Felger (074263.0443)
 Address Line 2: 98 San Jacinto Blvd. Ste. 1500
 Address Line 4: Austin, TEXAS 78701

ATTORNEY DOCKET NUMBER:	006910.001
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NAME OF SUBMITTER:	Adesewa Faleti
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Total Attachments: 3
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CH \$40.00 12333824

PATENT

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Electronic Version v1.1
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12/23/2008
500739822

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shilin Chin	12/12/2008
RECEIVING PARTY DATA	
Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Boulevard
City:	Houston
State/Country:	TEXAS
Postal Code:	77072-5299
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Application Number:	12333824
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Fax Number:	(512)322-8383
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	512.322.2601
Email:	apatent@bakerbotts.com
Correspondent Name:	Baker Botts L.L.P.
Address Line 1:	Thomas R. Felger (074263.0443)
Address Line 2:	98 San Jacinto Blvd. Ste. 1500
Address Line 4:	Austin, TEXAS 78701
ATTORNEY DOCKET NUMBER:	074263.0443
NAME OF SUBMITTER:	Adesewa Faleti
Total Attachments: 2 source=074263.0443#page1.tif source=074263.0443#page2.tif	

CH \$40.00 12333824

ASSIGNMENT

1 of 2

WHEREAS, I, the undersigned sole inventor of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; and

WHEREAS, Halliburton Energy Services, Inc. (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 10200 Bellaire Boulevard, Houston, Texas 77072-5299, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and also in U.S. Provisional Patent Application Serial No. 61/013,859 filed December 14, 2007 entitled *Rotary Drill Bit Steerability Prediction and Design Using Wellbore Configuration* and in and to said regular utility U.S. Nonprovisional Application entitled *Methods and Systems to Predict Rotary Drill Bit Walk and to Design Rotary Drill Bits and Other Downhole Tools* filed on December 12, 2008 and on all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the United States Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

This assignment including said application, any and all United States and foreign patents, utility models, design registrations, inventor's certificates and other similar rights granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name, or in its own name, for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

ATTORNEY'S DOCKET
074263.0443
(SD-07-015)

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ASSIGNMENT
2 of 2

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Titles and Serial Numbers:

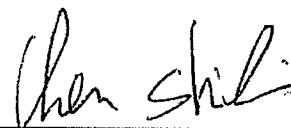
U.S. Nonprovisional Patent Application Serial filed December 12, 2008 entitled *Methods and Systems to Predict Rotary Drill Bit Walk and to Design Rotary Drill Bits and Other Downhole Tools*

U.S. Provisional Patent Application Serial No. 61/013,859 filed December 14, 2007 entitled *Rotary Drill Bit Steerability Prediction and Design Using Wellbore Configuration*

Full name of sole inventor:

Shilin Chen

Inventor's signature



Date

12-12-08

Residence (City, County, State)

The Woodlands, Montgomery County,
Texas

Citizenship

United States of America

Post Office Address

34 W. Prairie Dawn Circle
The Woodlands, Texas 77385

AUS01:535329.1

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RECORDED: 02/27/2009

REEL: 022325 FRAME: 0750