

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Barry D. Calnan	05/04/2007
Valerie R.C.M.J. Sillen	05/07/2007
RECEIVING PARTY DATA	
Name:	Halliburton Energy Services, Inc.
Street Address:	10200 Bellaire Boulevard
City:	Houston
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	11741572
Application Number:	60745975
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	074263.0372
NAME OF SUBMITTER:	Adesewa Faleti

Total Attachments: 3
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ASSIGNMENT

1 of 3

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

WHEREAS, **HALLIBURTON ENERGY SERVICES, INC.**, (hereinafter referred to as "Assignee"), A Delaware Corporation, with its principal address at 10200 Bellaire Boulevard, Houston, TX 77072 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. 60/745,975 filed April 28, 2006 entitled *Rotary Drill Bits and Methods of Forming Molds Associated with Manufacture of Rotary Drill Bit* and in and to said regular utility U.S. Nonprovisional Application Serial No. 11/741,571 filed April 27, 2007 entitled *Molds And Methods Of Forming Molds Associated With Manufacture Of Rotary Drill Bits And Other Downhole Tools* and 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.**

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; 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, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful

ASSIGNMENT
2 of 3

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.

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

Assignment of:

1. **U.S. Nonprovisional Application Serial No. 11/741,572 filed April 27, 2007 entitled *Molds and Methods of Forming Molds Associated With Manufacture Of Rotary Drill Bits and Other Downhole Tools***

and

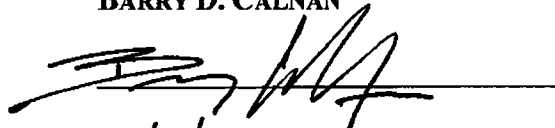
2. **U.S. Provisional Patent Application Serial No. 60/745,975 filed April 28, 2006 entitled *Rotary Drill Bits and Methods of Forming Molds Associated with Manufacture of Rotary Drill Bit***

Inventors: Barry D. Calnan and Valerie R.C.M.J. Sillen

Full name of joint inventor

BARRY D. CALNAN

Inventor's Signature



Date

5/4/2007

Residence (City, County, State)

Conroe, Montgomery, Texas

Citizenship

Citizen of Canada

Post Office Address

540 Marymont Park
Conroe, TX 77302

ASSIGNMENT
3 of 3

Assignment of:

1. **U.S. Nonprovisional Application Serial No. 11/741,572 filed April 27, 2007 entitled *Molds and Methods of Forming Molds Associated With Manufacture Of Rotary Drill Bits and Other Downhole Tools***


and
2. **U.S. Provisional Patent Application Serial No. 60/745,975 filed April 28, 2006 entitled *Rotary Drill Bits and Methods of Forming Molds Associated with Manufacture of Rotary Drill Bit***

Inventors: Barry D. Calnan and Valerie R.C.M.J. Sillen

Full name of joint inventor

VALERIE R.C.M.J. SILLEN

Inventor's Signature



Date

7 May 07

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Citizen of Belgium

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