

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GEOFFREY C. DOWNTON	03/10/2015
RECEIVING PARTY DATA	
Name:	Schlumberger Technology Corporation
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14057866
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ATTORNEY DOCKET NUMBER:	IS12.3023USNP ASSIGNMENT
NAME OF SUBMITTER:	SETSUKO KAWASHIMA
SIGNATURE:	/Setsuko Kawashima/
DATE SIGNED:	03/22/2015
Total Attachments: 4	
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Assignment

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said inventor's address being listed below:

Geoffrey C. Downton, a citizen of the United Kingdom, residing at Stroud, United Kingdom;

Has/have invented certain new and useful improvements in

Mud Actuated Drilling System

as described and set forth in an application for Letters Patent of the United States of America, filed on October 18, 2013 under Attorney Docket No. IS12.3023 US NP assigned serial # 14/057866. **This assignment is effective as of October 18, 2013.**

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements.

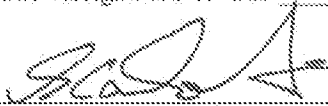
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, their successors and assigns.

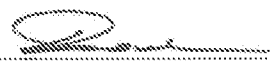
AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

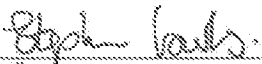
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this _____ day of _____, 201_____.

Signature 
Inventor's Name: Geoffrey C. Downton

Witnesses:

Signature 
Name: CHRISTOPHER ROWE Date: 10/03/15
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STROAD
GLS 4EN

Signature 
Name: STEPHEN LOUKS Date: 10/03/15
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Schedule A

"COMPANIES"

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America
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SERVICES PETROLIERS SCHLUMBERGER

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SCHLUMBERGER HOLDINGS LIMITED

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PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands
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Assignee for applications in: Angola, Bahrain, Bangladesh, Benin, Cambodia, Cameroon, Chad, China, Congo, Gabon, Ghana, Guinea-Bissau, India, Ivory Coast, Jordan, Libya, Mauritania, Morocco, Mozambique, Myanmar, Namibia, Nigeria, Philippines, Senegal, Sudan, Syria, Taiwan, Togo, UAE, Vietnam, Zaire.

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands
Located at: Parkstraat 83-89, 2514 JG The Hague, The Netherlands
Assignee for applications in: GCC and all other countries not otherwise listed.