

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>WALTER DAVID ALDRED</td> <td>10/16/2012</td> </tr> <tr> <td>ASHLEY BERNARD JOHNSON</td> <td>10/19/2012</td> </tr> <tr> <td>DEAN GARDNER</td> <td>11/05/2012</td> </tr> <tr> <td>MAURICE RINGER</td> <td>10/16/2012</td> </tr> <tr> <td>DEVI PUTRA</td> <td>11/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	WALTER DAVID ALDRED	10/16/2012	ASHLEY BERNARD JOHNSON	10/19/2012	DEAN GARDNER	11/05/2012	MAURICE RINGER	10/16/2012	DEVI PUTRA	11/27/2012
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CORRESPONDENCE DATA													
Fax Number: 7136892219 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 7136892273 Email: qmarques@slb.com Correspondent Name: SCHLUMBERGER TECHNOLOGY CORPORATION Address Line 1: 10001 Richmond Avenue Address Line 2: IP Administration Center of Excellence Address Line 4: HOUSTON, TEXAS 77042													
ATTORNEY DOCKET NUMBER:	57.0910-US-PCT												
NAME OF SUBMITTER:	Querlyn Marques												

CH \$40.00 13517953

Total Attachments: 8

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Assignment

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

Walter David Aldred, a citizen of the United Kingdom, residing at 4 Lower Street, Thriplow, Cambridgeshire SG8 7RJ, UK;

Ashley Bernard Johnson, a citizen of the United Kingdom, residing at Ravello, Butt Lane, Milton, Cambridgeshire, CB24 6DG, UK;

Dean Gardner, a citizen of the United Kingdom, residing at 27 Abercorn Close, Selsdon, Surrey, CR2 8TG, UK;

Maurice Ringer, a citizen of Australia, residing at 3 Saxon Road, Cambridge, CB5 8HS, UK;

and

Devi Putra, a citizen of Indonesia, residing at 19 Arden Road, Cambridge, CB4 2UJ, UK;

Has/have invented certain new and useful improvements in

SYSTEM AND METHOD FOR TORQUE STABILIZATION OF A DRILLING SYSTEM

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on **June 20, 2012**, Serial No. **13/517953** (Docket No. **57.0910-US-PCT**). **This assignment is effective as of June 20, 2012.**

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

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.

WITNESSED:

IN WITNESS WHEREOF I, **Walter David Aldred**, have hereunto set my hand and seal this
16 day of OCTOBER, 2012.


Walter David Aldred

WITNESSED:

BE IT KNOWN, that **Walter David Aldred** is known to us to be the individual described in this assignment, that on this 16 day of OCTOBER, 2012, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.


First Witness (Signature)

58 HIGH ST

YELLING

ST NEOTS

Post Office Address


Second Witness (Signature)

94 Columbine Road, Ely


Cambridgeshire CB6 3WN

United Kingdom

Post Office Address

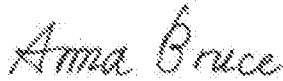
WITNESSED:

IN WITNESS WHEREOF I, **Ashley Bernard Johnson**, have hereunto set my hand and seal this
19 day of October, 2012.


Ashley Bernard Johnson

WITNESSED:

BE IT KNOWN, that **Ashley Bernard Johnson** is known to us to be the individual described in this assignment, that on this 19th day of October, 2012, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.



First Witness (Signature)



Second Witness (Signature)

94 Columbine Road, Ely,

Cambridgeshire CB6 3WN

United Kingdom

Post Office Address

1 Eve House, John Street

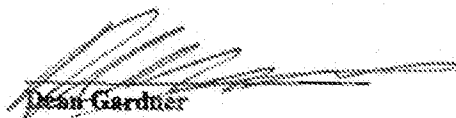
Cambridge, CB1 1AZ

United Kingdom

Post Office Address

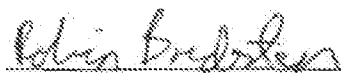
WITNESSED:

IN WITNESS WHEREOF I, **Dean Gardner**, have hereunto set my hand and seal this 5th day
of NOVEMBER, 2012.


Dean Gardner

WITNESSED:

BE IT KNOWN, that **Dean Gardner** is known to us to be the individual
described in this assignment, that on this _____ day of _____, 2012, we were
personally present and did see him/her sign and execute this assignment and that he/she
acknowledged to us that he/she executed the same as his/her free act and deed for the uses and
purposes therein set forth.


First Witness (Signature)


Second Witness (Signature)
Laura Richardson

Solbergvej 6

54 N Wooded Brook Cir

2040 KLOFTA


The Woodlands, TX 77382

NORWAY
Post Office Address

USA
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Maurice Ringer**, have hereunto set my hand and seal this 16
day of oct, 2012.


Maurice Ringer

WITNESSED:

BE IT KNOWN, that **Maurice Ringer** is known to us to be the individual described in this assignment, that on this 16th day of October, 2012, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

Claire Williams
First Witness (Signature)

Anna Bruce
Second Witness (Signature)

38 ACADIA GARDENS

94 Columbine Road, Ely,

CAMBRIDGE, CB24 3AT


Cambridgeshire CB6 3WN

UK
Post Office Address

United Kingdom
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Devi Putra**, have hereunto set my hand and seal this 23 day of November, 2012.



Devi Putra

WITNESSED:

BE IT KNOWN, that **Devi Putra** is known to us to be the individual described in this assignment, that on this 23rd day of November, 2012, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.



First Witness (Signature)

75, TOSSE LANE

Burwell

CAMBRIDGE

CAMBRIDGESHIRE

CB23 0DF UK.

Post Office Address



Second Witness (Signature)

94 Columbine Road, Ely,

Cambridgeshire CB6 3WN

United Kingdom

Post Office Address

Schedule A
"COMPANIES"

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America

Located at: 300 Schlumberger Drive, Sugar Land, TX 77478

Assignee for applications in: United States of America

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525-3rd Avenue S.W., Calgary, Alberta, Canada T2P 0G4

Assignee for applications in: Canada

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, France

Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: British Virgin Islands

Located at: P. O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Japan, The Netherlands, United Kingdom

SCHLUMBERGER TECHNOLOGY B.V.

Corporation of: the Netherlands

Located at: Parkstraat 83-89, 2514 JG The Hague, The Netherlands

Assignee for applications in: Albania, Argentina, Australia, Austria, Azerbaijan, Brunei, Bulgaria, Chile, Colombia, Croatia, Cypress, Czech Republic, Denmark, Egypt, Equatorial Guinea, Falkland Islands, Faroe Islands, Georgia, Germany, Greece, Greenland, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Kenya, Korea, Kuwait, Lithuania, Madagascar, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Suriname, Switzerland, Tanzania, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uganda, Ukraine, Uruguay, Uzbekistan, Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands

Located at: P. O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Eurasia, Gulf Cooperation Council and Countries not Otherwise Listed