

PATENT ASSIGNMENT

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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>Paal Kibsgaard</td> <td>12/11/2012</td> </tr> <tr> <td>Geoffrey C. Downton</td> <td>12/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paal Kibsgaard	12/11/2012	Geoffrey C. Downton	12/06/2012
Name	Execution Date						
Paal Kibsgaard	12/11/2012						
Geoffrey C. Downton	12/06/2012						
RECEIVING PARTY DATA							
Name:	Schlumberger Technology Corporation						
Street Address:	300 Schlumberger Drive						
City:	Sugar Land						
State/Country:	TEXAS						
Postal Code:	77478						
PROPERTY NUMBERS Total: 2							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61356442</td> </tr> <tr> <td>Application Number:</td> <td>13699617</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	61356442	Application Number:	13699617
Property Type	Number						
Application Number:	61356442						
Application Number:	13699617						
CORRESPONDENCE DATA							
Fax Number:	7136896372						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	81427595321						
Email:	kawashima1@exchange.slb.com						
Correspondent Name:	Schlumberger - COE						
Address Line 1:	WesternGeco 10001 Richmond Ave.						
Address Line 2:	Room 3028						
Address Line 4:	Houston, TEXAS 77042						
ATTORNEY DOCKET NUMBER:	92.1078USPSP/NP ASSIGNMEN						
NAME OF SUBMITTER:	Setsuko Kawashima						
Total Attachments: 5 source=921078USPCT_Assignment#page1.tif source=921078USPCT_Assignment#page2.tif source=921078USPCT_Assignment#page3.tif source=921078USPCT_Assignment#page4.tif source=921078USPCT_Assignment#page5.tif							

CH \$80.00 61356442

Assignment

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

Paal Kibsgaard, a citizen of Norway, residing at 3030 Post Oak Boulevard #402, Houston, TX 77056 USA;

and

Geoffrey C. Downton, a citizen of the United Kingdom, residing at 2 Ricardo, Minchinhampton, Gloucestershire, GL6 9BY United Kingdom;

Has/have invented certain new and useful improvements in

Oil Operated Rotary Steerable System

as described and set forth in an application for Letters Patent of the United States of America, filed on June 18, 2010 under Attorney Docket No. 92.1078 US PSP assigned serial # 61/356,442 and filed on November 21, 2012 under Attorney Docket No. 92.1078 US PCT assigned serial # 13/699617. **This assignment is effective as of June 18, 2010.**

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.

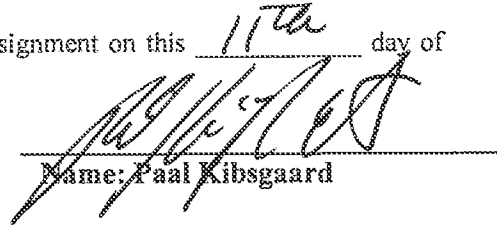
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said

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.

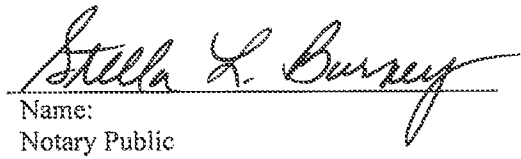
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful 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 11th day of December, 2012.

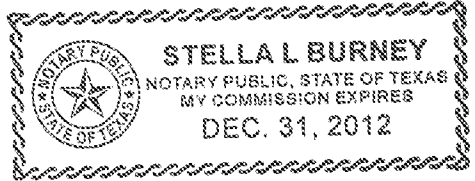

Name: Paal Kibsgaard

Witnesses:

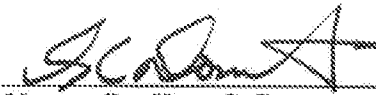
State of TEXAS
County of HARRIS
Date: December 11, 2012


Name:
Notary Public

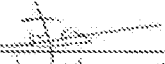
SEAL

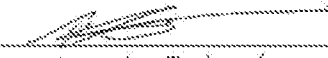


IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 6th day of December, 2012.


Name: Geoffrey C. Downton

Witnesses:

Signature: 
Name: MIKE JAMES Date: 06/12/2012
Address: 6 SERRAL LANE
GREENWICH
CT 06030

Signature: 
Name: Miguel Delgado Date: 06/12/2012
Address: 1212 Rowley Road
Bristol
RS9 1BG

Schedule A

“COMPANIES”

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America

Located at: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A.

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, Cyprus, 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.