

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>KASHIF RASHID</td> <td>11/10/2011</td> </tr> <tr> <td>SULEYMAN DEMIREL</td> <td>11/17/2011</td> </tr> <tr> <td>BENOIT COUET</td> <td>11/10/2011</td> </tr> </tbody> </table>		Name	Execution Date	KASHIF RASHID	11/10/2011	SULEYMAN DEMIREL	11/17/2011	BENOIT COUET	11/10/2011
Name	Execution Date								
KASHIF RASHID	11/10/2011								
SULEYMAN DEMIREL	11/17/2011								
BENOIT COUET	11/10/2011								
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>13253680</td> </tr> <tr> <td>Application Number:</td> <td>61392530</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13253680	Application Number:	61392530		
Property Type	Number								
Application Number:	13253680								
Application Number:	61392530								
CORRESPONDENCE DATA									
Fax Number:	(713)689-2219								
Phone:	7136892273								
Email:	qmarques@slb.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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:	60.1993USPSP/60.1993USNP								
NAME OF SUBMITTER:	Colin L. Wier								

CH \$80.00 13253680

Total Attachments: 6

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Assignment

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

Kashif Rashid, a citizen of the United Kingdom, residing at 6 Morseland Avenue, Newton, Massachusetts 02459, USA;

Suleyman Demirel, a citizen of Turkey, residing at 701 Tappan Avenue, Ann Arbor, Michigan 48109-1234, USA;

and

Benoit Couet, a citizen of the United States of America, residing at 58 Hillside Terrace, Belmont, Massachusetts 02478, USA;

Has/have invented certain new and useful improvements in

LIFT-GAS OPTIMIZATION WITH CHOKE CONTROL

as described and set forth in a United States Provisional Patent Application filed on October 13, 2010, under Serial Number 61/392,530, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on October 5, 2011, Serial No.13/253,680, (Docket No.60.1993-US-NP).

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 Effective as of October 13, 2010, 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,

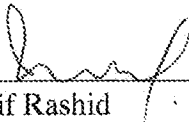
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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 WITNESS WHEREOF I, **Kashif Rashid**, have hereunto set my hand and seal this 10th day of NOVEMBER, 2011.

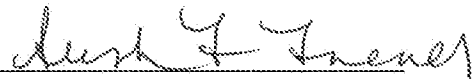

Kashif Rashid

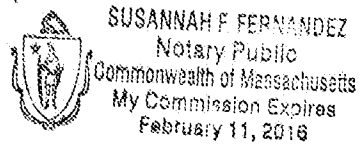
COMMONWEALTH OF MASSACHUSETTS

COUNTY OF Middlesex

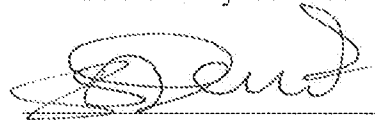
BEFORE ME this 10 day of November, 2011, personally appeared **Kashif Rashid**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal


Notary Public



IN WITNESS WHEREOF I, **Suleyman Demirel**, have hereunto set my hand and seal this 17th day of November, 2011.



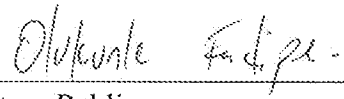
Suleyman Demirel

STATE OF MICHIGAN

COUNTY OF Washtenaw

BEFORE ME this 17th day of November, 2011, personally appeared **Suleyman Demirel**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal



Notary Public

OLUKUNLE FADIPE
Notary Public, Washtenaw County, Michigan
Acting in Wayne County, Michigan
My Commission Expires January 18, 2013

IN WITNESS WHEREOF I, **Benoit Couet**, have hereunto set my hand and seal this 10th day of NOVEMBER, 2011.

Benoit Couet
Benoit Couet

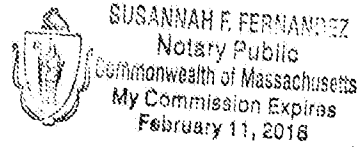
COMMONWEALTH OF MASSACHUSETTS

COUNTY OF Middlesex

BEFORE ME this 10 day of November, 2011, personally appeared **Benoit Couet**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal

Susannah E. Fernandez
Notary Public



Schedule A
“COMPANIES”

Schlumberger Technology Corporation, a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 300 Schlumberger Drive, Sugar Land, Texas 77478 United States of America
as assignee for the United States

Schlumberger Canada Limited, a corporation duly organized, incorporated and existing under the laws of Canada and having a place of business at 525 – 3rd Ave. S.W., Calgary, Alberta, Canada T2P 0G4
as assignee for Canada

Services Petroliers Schlumberger, a corporation duly organized, incorporated and existing under the laws of France and having a place of business at 42, rue Saint Dominique, 75007 Paris, France
as assignee for France

Schlumberger Holdings Limited, a corporation duly organized, incorporated and existing under the laws of the British Virgin Islands and having a place of business at P. O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands
as assignee for Japan, Netherlands, Netherlands Antilles, United Kingdom.

Schlumberger Technology B.V., a corporation duly organized, incorporated and existing under the laws of the Netherlands and having a place of business at Parkstraat 83-89, 2514 JG The Hague, The Netherlands
as assignee for Albania, Argentina, Australia, Azerbaijan, Bahrain, Brunei, Bulgaria, Chad, Colombia, Czech Republic, Denmark, Equatorial Guinea, Eurasia, EPO, Faroe Islands, Germany, Greece, Gulf Cooperation Council, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, Myanmar, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, United Arab Emirates, Uzbekistan and Venezuela.

PRAD Research and Development Limited, a corporation organized and existing under and by the laws of the British Virgin Islands, having a place of business at P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands
as assignee for all other countries not designated above.