

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Clinton Chapman</td><td>01/15/2009</td></tr><tr><td>Chunling Gu Coffman</td><td>01/16/2009</td></tr><tr><td>Yongdong Zeng</td><td>01/16/2009</td></tr><tr><td>Mikhail Gurevich</td><td>01/20/2009</td></tr></tbody></table>		Name	Execution Date	Clinton Chapman	01/15/2009	Chunling Gu Coffman	01/16/2009	Yongdong Zeng	01/16/2009	Mikhail Gurevich	01/20/2009
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Clinton Chapman	01/15/2009										
Chunling Gu Coffman	01/16/2009										
Yongdong Zeng	01/16/2009										
Mikhail Gurevich	01/20/2009										
RECEIVING PARTY DATA											
Name:	Schlumberger Technology Corporation										
Street Address:	300 Schlumberger Drive										
City:	Sugar Land										
State/Country:	TEXAS										
Postal Code:	77478										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12333368</td></tr></tbody></table>		Property Type	Number	Application Number:	12333368						
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Application Number:	12333368										
CORRESPONDENCE DATA											
Fax Number:	(713)513-2056										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	713-513-2515										
Email:	jforward@slb.com										
Correspondent Name:	SCHLUMBERGER INFORMATION SOLUTIONS										
Address Line 1:	5599 SAN FELIPE										
Address Line 2:	SUITE 100										
Address Line 4:	HOUSTON, TEXAS 77056-2722										
ATTORNEY DOCKET NUMBER:	94.0165										
NAME OF SUBMITTER:	Bryan P. Galloway										
Total Attachments: 7											

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PATENT
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Assignment

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

CLINTON CHAPMAN, a citizen of the United States of America, residing at 1306 Forest Hollow, Missouri City, Texas, 77459, USA;

CHUNLING GU COFFMAN, a citizen of China, residing at 1651 Hawthorne Street, Houston, Texas, 77006, USA;

YONGDONG ZENG, a citizen of the United States of America, residing at 22310 Indigo Pines Lane, Katy, Texas, 77450, USA;

and

MIKHAIL GUREVICH, a citizen of The Russian Federation, residing at 14218 Alamosa Court, Sugar Land, Texas, 77478, USA;

Has/have invented certain new and useful improvements in

OILFIELD WELL PLANNING AND OPERATION

as described and set forth in a United States Provisional Patent Application filed on December 17, 2007 under Serial Number 61/014,417, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on December 12, 2008, Serial No. 12/333,368, (Docket No 94.0165).

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,

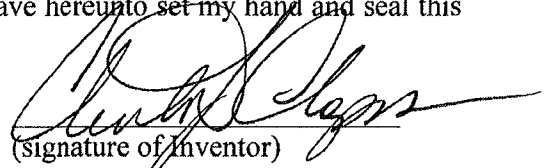
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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 WITNESS WHEREOF I, CLINTON CHAPMAN, have hereunto set my hand and seal this
15 day of January, 2009.

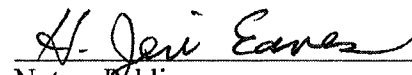

(signature of inventor)

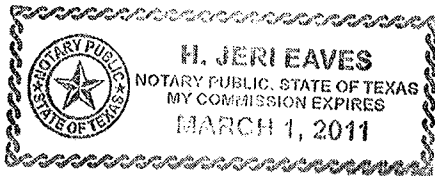
STATE OF TEXAS

COUNTY OF HARRIS

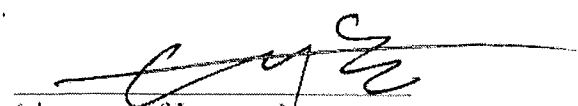
BEFORE ME this 15 day of January, 2009, personally appeared CLINTON CHAPMAN, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal


Notary Public



IN WITNESS WHEREOF I, **CHUNLING GU COFFMAN**, have hereunto set my hand and seal this 16th day of January, 2009.

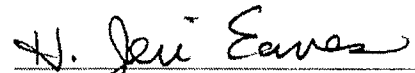

(signature of Inventor)

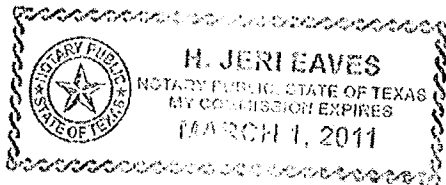
STATE OF TEXAS

COUNTY OF HARRIS

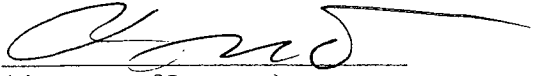
BEFORE ME this 16th day of January, 2009, personally appeared **CHUNLING GU COFFMAN**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed. her life

Seal


Notary Public



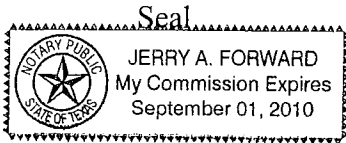
IN WITNESS WHEREOF I, **YONGDONG ZENG**, have hereunto set my hand and seal this
16 day of January, 2009.


(signature of Inventor)

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 16th day of JANUARY, 2009, personally appeared
YONGDONG ZENG, 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.




Notary Public

(Docket Number 94.0165)

IN WITNESS WHEREOF I, **MIKHAIL GUREVICH**, have hereunto set my hand and seal this
20 day of Jan., 2009.

Gurevich
(signature of Inventor)

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 20 day of Jan., 2009, personally appeared **MIKHAIL GUREVICH**, 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



Mpl
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

Logined B.V., a corporation duly organized, incorporated and existing under the laws of the Netherlands and having a place of business at Gevers Deynootweg 61, 2586 BJ S Gravenhage, The Netherlands

as assignee for Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, Bahrain, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Eurasia, EPO, Faroe Islands, Gabon, Germany, Great Britain, Greece, Gulf Cooperation Council, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.

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.