

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brent A. Floyd</td> <td>12/29/2008</td> </tr> <tr> <td>Jantina Van Zandwyk</td> <td>01/22/2009</td> </tr> <tr> <td>Brent Sawatzky</td> <td>01/22/2009</td> </tr> <tr> <td>Roberto Barletta</td> <td>12/23/2008</td> </tr> <tr> <td>Greg Arnett</td> <td>01/22/2009</td> </tr> <tr> <td>Hemant Arora</td> <td>01/21/2009</td> </tr> <tr> <td>Yixin Li</td> <td>01/22/2009</td> </tr> </tbody> </table>		Name	Execution Date	Brent A. Floyd	12/29/2008	Jantina Van Zandwyk	01/22/2009	Brent Sawatzky	01/22/2009	Roberto Barletta	12/23/2008	Greg Arnett	01/22/2009	Hemant Arora	01/21/2009	Yixin Li	01/22/2009
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Greg Arnett	01/22/2009																
Hemant Arora	01/21/2009																
Yixin Li	01/22/2009																
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12336740</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12336740												
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CORRESPONDENCE DATA																	
Fax Number:	(713)513-2056																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	713-513-3739																
Email:	sthompson9@slb.com																
Correspondent Name:	SCHLUMBERGER INFORMATION SOLUTIONS																
Address Line 1:	5599 SAN FELIPE																
Address Line 2:	SUITE 1700																
Address Line 4:	HOUSTON, TEXAS 77056-2722																
ATTORNEY DOCKET NUMBER:	94.0179																

CH \$40.00 12336740

PATENT

NAME OF SUBMITTER:

Bryan Galloway

Total Attachments: 10

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Assignment

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

Brent A. FLOYD, a citizen of the United States of America, residing at 4917 Pine Street, Bellaire, TX 77401, US;

Jantina VAN ZANDWYK, a citizen of Canada, residing at 3023 Hampton Cres. SW, Calgary, Alberta T3E 4R1, Canada;

Brent SAWATZKY, a citizen of Canada, residing at 167 Hawkmere Rd, Chestermere, Alberta T1X 1T4, Canada;

Roberto BARLETTA, a citizen of Italy, residing at 2345 Bering Dr., Houston, TX 77057, US;

Greg ARNETT, a citizen of Canada, residing at 10855 -147 Street, Edmonton, Alberta, T5N 3E1, Canada;

Hemant ARORA, a citizen of India, residing at 8585 Woodway Dr., Apt. 931, Houston, TX 77063, US;

and

Yixin LI, a citizen of Canada, residing at 9188 Scurfield Drive NW, Calgary, Alberta, T3L 1Z5, Canada.

Have invented certain new and useful improvements in

IMPROVING PRODUCTION BY ACTUAL LOSS ALLOCATION

as described and set forth in an application for Letters Patent of the United States of America.

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

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, **Brent A. Floyd**, have hereunto set my hand and seal this 29 day of DECEMBER, 2008.

Brent A. Floyd
(signature of Inventor)

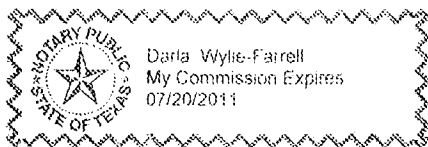
STATE OF TEXAS

COUNTY OF HARRIS

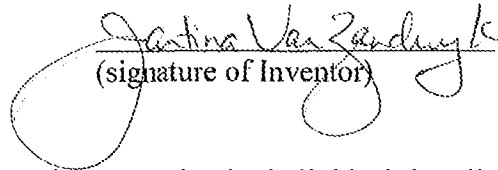
BEFORE ME this 29th day of December, 2008, personally appeared **Brent A. Floyd**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal

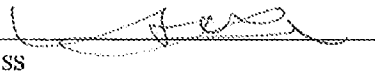
Darla Wylie-Farrell
Notary Public



IN WITNESS WHEREOF I, **Jantina Van Zandwyk**, have hereunto set my hand and seal this 22 day of January, 2009.


(signature of Inventor)

BE IT KNOWN that **Jantina Van Zandwyk** is to me known to be the individual described in the foregoing assignment, that on this 22 day of Jan., 2009, I was personally present and did see ~~him~~^{her} sign and execute the foregoing assignment; and, that ~~he~~^{she} did acknowledge to me that ~~he~~^{she} executed the same as ~~his~~^{her} free act and deed for the uses and purposes therein set forth.


Witness

YIXIN LI

9188 SCURFIELD DR NW

CALGARY, AB

CANADA T3L 1Z5

Post Office Address


Witness

Brent Sawatzky

167 Hawkmere Rd

Chestermere, AB

Canada T1X 1T4

Post Office Address

IN WITNESS WHEREOF I, **Brent Sawatzky**, have hereunto set my hand and seal this 22 day of January, 2009.

[Signature]
(signature of Inventor)

BE IT KNOWN that **Brent Sawatzky** is to me known to be the individual described in the foregoing assignment, that on this 22 day of January, 2009, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

[Signature]
Witness
Jantina Van Zanduyk
3023 Hampton Cres. SW
Calgary, AB Canada
T3E 4R1
Post Office Address

[Signature]
Witness
YIXIN LI
9188 SCURFIELD DR NW
CALGARY, AB
CANADA, T3L 1Z5
Post Office Address

IN WITNESS WHEREOF I, **Roberto Barletta**, have hereunto set my hand and seal this 29 day of DECEMBER, 2008



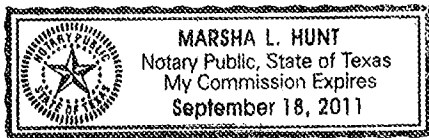
(signature of Inventor)

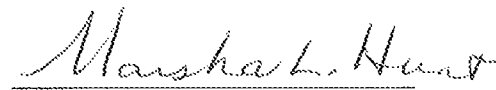
STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 29th day of December, 2008, personally appeared **Roberto Barletta**, 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



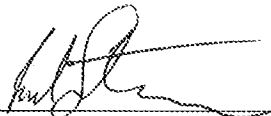


Notary Public

IN WITNESS WHEREOF I, **Greg Arnett**, have hereunto set my hand and seal this 22 day of January, 2009.


(signature of Inventor)

BE IT KNOWN that **Greg Arnett** is to me known to be the individual described in the foregoing assignment, that on this 22 day of January, 2009, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness

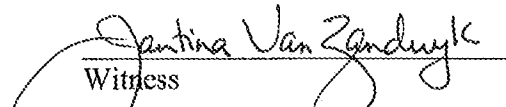
Brent Sawatzky

167 Hawkmere Rd

Chestermere, Alberta

Canada T1X 1T4

Post Office Address


Witness

Jantina Van Zanduyk

3023 Hampton Cres. SW

Calgary, AB Canada
T3E 4K1

Post Office Address

IN WITNESS WHEREOF I, **Hemant Arora**, have hereunto set my hand and seal this
21 day of JANUARY, 2009.

Hemant
(signature of Inventor)

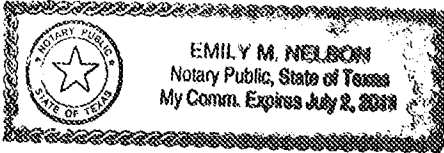
STATE OF TEXAS

COUNTY OF HARRIS


BEFORE ME this 21st day of January, 2009, personally appeared **Hemant Arora**, 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

Emily M. Nelson
Notary Public




IN WITNESS WHEREOF I, **Yixin Li**, have hereunto set my hand and seal this 22 day of January, 2009.



(signature of Inventor)

BE IT KNOWN that **Yixin Li** is to me known to be the individual described in the foregoing assignment, that on this 22 day of January, 2009, I was personally present and did see ^{per} him sign and execute the foregoing assignment; and, that he did acknowledge to me that he ^{per} executed the same as his free act and deed for the uses and purposes therein set forth.



Witness

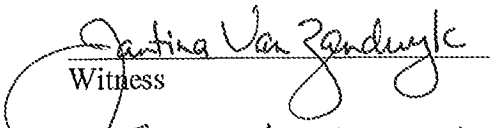
Brent Sawatzky

167 Hawkmore Rd

Chestermere, AB

Canada T1X 1T4

Post Office Address



Witness

Jantina Van Zandwyk

3023 Hampton Cres. SW

Calgary, AB Canada

T3E 4R1

Post Office Address

**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.