

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>Richard D. Hutchins</td><td>03/31/2010</td></tr><tr><td>Joseph A. Ayoub</td><td>04/01/2010</td></tr><tr><td>Andrey Mirakyan</td><td>04/12/2010</td></tr><tr><td>Michael D. Parris</td><td>03/31/2010</td></tr><tr><td>Stephen D. Mason</td><td>04/05/2010</td></tr><tr><td>Ann M.W. Hoefer</td><td>03/31/2010</td></tr></tbody></table>	Name	Execution Date	Richard D. Hutchins	03/31/2010	Joseph A. Ayoub	04/01/2010	Andrey Mirakyan	04/12/2010	Michael D. Parris	03/31/2010	Stephen D. Mason	04/05/2010	Ann M.W. Hoefer	03/31/2010	
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Ann M.W. Hoefer	03/31/2010														
RECEIVING PARTY DATA															
Name:	Schlumberger Technology Corporation														
Street Address:	110 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>12730302</td></tr></tbody></table>	Property Type	Number	Application Number:	12730302											
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CORRESPONDENCE DATA															
Fax Number: (281)285-8569															
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 281-285-4925															
Email: CGercans@slb.com															
Correspondent Name: Rachel E. Greene															
Address Line 1: 110 Schlumberger Dr., MD-1															
Address Line 4: Sugar Land, TEXAS 77478															
ATTORNEY DOCKET NUMBER:	56.1304														
NAME OF SUBMITTER:	Rachel E. Greene														

CH \$40.00 12730302

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PATENT
REEL: 024277 FRAME: 0072

Total Attachments: 6

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ASSIGNMENT

WHEREAS, we,

1. **Richard D. Hutchins**, a citizen of the United States, whose post office address is 17505 Sunny Trail Lane, Sugar Land, Texas 77479, USA;
2. **Joseph A. Ayoub**, a citizen of the United States, whose post office address is 2903 Cambry Crossing Court, Katy, Texas 77494, USA;
3. **Andrey Mirakyan**, a citizen of the Russian Federation, whose post office address is 24039 Northshire Lane, Katy, Texas 77494, USA;
4. **Michael D. Parris**, a citizen of the United States, whose post office address is 36 East Kitty Hawk, Richmond, Texas 77469, USA;
5. **Stephen D. Mason**, a citizen of the United States, whose post office address is 20802 Winlock Trace Drive, Katy, Texas 77450, USA; and
6. **Ann M. W. Hoefer**, a citizen of the United States, whose post office address is 8607 Lone Maple Drive, Houston, Texas 77083, USA

hereinafter referred to as the "Inventors" have invented certain new and useful improvements in

METHOD OF TREATING A SUBTERRANEAN FORMATION WITH COMBINED BREAKER AND FLUID LOSS ADDITIVE

for which we have described and set forth in an application for Letters Patent of the United States of America:

☒ for which an application for a United States patent was executed on March 24, 2010 under Docket No. 56.1304 and assigned Serial No. 12/730,302.

WHEREAS, **Schlumberger Technology Corporation**, hereinafter referred to as the "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 110 Schlumberger Drive, Sugar Land, Texas 77478 is desirous of acquiring or confirming its 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;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we the Inventors, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the 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 WE 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 COMPANY, its 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 COMPANY, its successors and assigns.

AND WE DO HEREBY COVENANT AND WARRANT that we 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 we have not executed and will not execute any instruments in conflict herewith.

AND WE, FOR THE CONDITIONS AFORESAID, DO HEREBY COVENANT and agree to and with the said COMPANY, its successors and assigns, that we, my executors or administrators, will 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 COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANY, its 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.

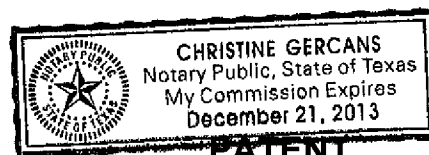
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 31 day of March, 2010.

Richard D. Hutchins
Richard D. Hutchins

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this 31st day of March, 2010.

Christine Gercans
Notary Public in and for the State of Texas



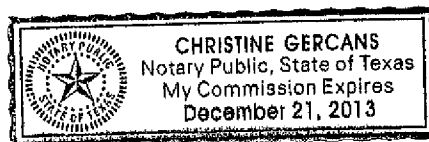
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this April 1st day of _____, 2010.

Joseph A. Ayoub
Joseph A. Ayoub

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this 1st day of April, 2010.

Christine Gercans
Notary Public in and for the State of Texas



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 12th day of April, 2010.

Andrey Mirkyan
Andrey Mirkyan

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this 12th day of April, 2010.

Christine Gercans
Notary Public in and for the State of Texas



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 31st day of March, 2010.

Michael D. Parris
Michael D. Parris

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this 31st day of March, 2010.

Christine Gercans
Notary Public in and for the State of Texas



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this _____ day of _____, 2010.

Stephen D. Mason

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this _____ day of _____, 2010.

Notary Public in and for the State of Texas

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this _____ day of _____, 2010.

Michael D. Parris

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this _____ day of _____, 2010.

Notary Public in and for the State of Texas

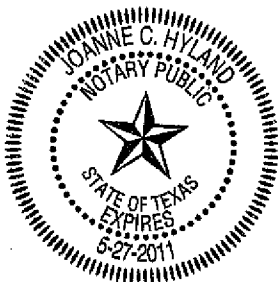
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 5th day of April, 2010.

Stephen D. Mason
Stephen D. Mason

STATE of TEXAS §
 §
COUNTY of Orange ~~FT. BEND~~ §

Subscribed and sworn to before me this 5 day of April, 2010.

Joanne C. Hyland
Notary Public in and for the State of Texas



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 31st day of March, 2010.

Ann M W Hoefler
Ann M. W. Hoefler

STATE of TEXAS §
 §
COUNTY of FT. BEND §

Subscribed and sworn to before me this 31st day of March, 2010.

Christine Gercans
Notary Public in and for the State of Texas

