

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Julio C Guerrero</td> <td>02/16/2011</td> </tr> <tr> <td>Adam Paxson</td> <td>02/16/2011</td> </tr> <tr> <td>Folkers Eduardo Rojas</td> <td>02/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Julio C Guerrero	02/16/2011	Adam Paxson	02/16/2011	Folkers Eduardo Rojas	02/16/2011		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Schlumberger Technology Corporation</td> </tr> <tr> <td>Street Address:</td> <td>One Hampshire Street</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	Schlumberger Technology Corporation	Street Address:	One Hampshire Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (617)768-2402 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-768-2000 Email: sfernandez4@slb.com Correspondent Name: Schlumberger Technology Corporation Address Line 1: One Hampshire Street Address Line 4: Cambridge, MASSACHUSETTS 02139											
ATTORNEY DOCKET NUMBER:	60.1899 US NP										
NAME OF SUBMITTER:	James McAleenan										
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Assignment

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

Julio C. Guerrero, a citizen of the United States of America, residing at 75 Alpine Street, Cambridge, MA 02138, US;

Adam Paxson, a citizen of the United States of America, residing at 119 Bay State Road, Boston, MA 02215, US; and

Folkers Eduardo Rojas, a citizen of the United States of America, residing at 224 Albany Street, Cambridge, MA 02139, US.

Has/have invented certain new and useful improvements in

APPARATUS AND METHOD FOR SAND CONSOLIDATION

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on January 14, 2011, Serial No. 13/006,456 (Docket No. 60.1899 US NP).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

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.

WITNESSED:

IN WITNESS WHEREOF I, **Julio C. Guerrero**, have hereunto set my hand and seal this
16 day of February, 2011.

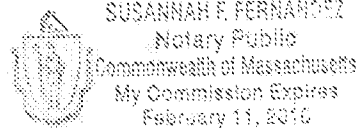

(Signature of Inventor)

COMMONWEALTH OF MASSACHUSETTS)
 }
COUNTY OF MIDDLESEX)

On this 16 day of February, 2011, before me, the undersigned
Notary Public, personally appeared, **Julio C. Guerrero**, proved to me through satisfactory
evidence of identification, which were personally known to me to be the
person who signed the preceding or attached document in my presence, and who swore or
affirmed to me that the contents of the document are truthful and accurate to the best of his/her
knowledge and belief.

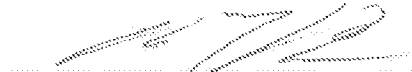
Seal


Notary Public



WITNESSED:

IN WITNESS WHEREOF I, Adam Paxson, have hereunto set my hand and seal this
16th day of February, 2011.

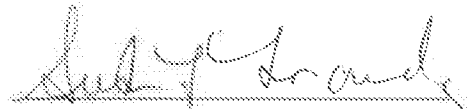

(Signature of Inventor)

COMMONWEALTH OF MASSACHUSETTS }

COUNTY OF MIDDLESEX }

On this 16 day of February, 2011, before me, the undersigned
Notary Public, personally appeared, Adam Paxson, proved to me through satisfactory evidence
of identification, which were driver's license, to be the person
who signed the preceding or attached document in my presence, and who swore or affirmed to
me that the contents of the document are truthful and accurate to the best of his/her knowledge
and belief.

Seal


Notary Public



SUSANNAH F. FERNANDEZ
Notary Public
Commonwealth of Massachusetts
My Commission Expires
February 11, 2016

IN WITNESS WHEREOF I, Folkers Eduardo Rojas, have hereunto set my hand and seal this 16 day of February, 2011.

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX

Seal

Paul J. French
Notary Public



SUBANNAH E. FERNANDEZ
Notary Public
Commonwealth of Massachusetts
My Commission Expires
February 11, 2010

Schedule A

“COMPANIES”

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525-3rd Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: USA

Located at: One Hampshire Street, Cambridge, MA 02139

Assignee for applications in: USA

SERVICES PETROLIERS SCHLUMBERGER

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France

SCHLUMBERGER HOLDINGS LIMITED

Corporation of: British Virgin Islands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Japan, the Netherlands, Saudi Arabia, 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, Azarbaijan, Brunei, Bulgaria, Colombia, Czech Republic, Denmark, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, Uzbekistan, Venezuela

PRAD RESEARCH AND DEVELOPMENT LIMITED

Corporation of: British Virgin Islands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Countries not Otherwise Listed