

## PATENT ASSIGNMENT

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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>OREN A. SCHERMAN</td> <td>12/16/2011</td> </tr> <tr> <td>ERIC APPEL</td> <td>12/16/2011</td> </tr> <tr> <td>TREVOR HUGHES</td> <td>12/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	OREN A. SCHERMAN	12/16/2011	ERIC APPEL	12/16/2011	TREVOR HUGHES	12/19/2011		
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<table border="1"> <tr> <td>Name:</td> <td>SCHLUMBERGER TECHNOLOGY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>300 SCHLUMBERGER DRIVE</td> </tr> <tr> <td>City:</td> <td>SUGAR LAND</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77478</td> </tr> </table>		Name:	SCHLUMBERGER TECHNOLOGY CORPORATION	Street Address:	300 SCHLUMBERGER DRIVE	City:	SUGAR LAND	State/Country:	TEXAS	Postal Code:	77478
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CORRESPONDENCE DATA											
<p>Fax Number: (713)689-2219</p> <p>Phone: 7136892273</p> <p>Email: qmarques@slb.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SCHLUMBERGER TECHNOLOGY CORPORATION</p> <p>Address Line 1: 10001 Richmond Avenue</p> <p>Address Line 2: IP Administration Center of Excellence</p> <p>Address Line 4: HOUSTON, TEXAS 77042</p>											
ATTORNEY DOCKET NUMBER:	57.0968 US NP										
NAME OF SUBMITTER:	Rachel E. Greene										
Total Attachments: 5											

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### Assignment

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

**Oren A. Scherman**, a citizen of the United States of America, residing at the University of Cambridge, Dept of Chemistry, Melville Lab for Polymer Synthesis, Lensfield Road, Cambridge CB2 1EW, UK;

**Eric Appel**, a citizen of the United States of America, residing at the University of Cambridge, Dept of Chemistry, Melville Lab for Polymer Synthesis, Lensfield Road, Cambridge CB2 1EW, UK; and

**Trevor Hughes**, a citizen of the United Kingdom, residing at Schlumberger Cambridge Research Limited, High Cross, Maddingley Road, Cambridge CB3 0EL, UK.

Has/have invented certain new and useful improvements in

### VISCOUS WELLBORE FLUIDS

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 August 30, 2011, Serial No. 13/221,573 (Docket No. 57.0968 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, Schlumberger Technology Corporation, One Hampshire Street, Cambridge, Massachusetts 02139, the "**COMPANY**", is 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;

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 **COMPANY**, 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 **COMPANY**, 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 **COMPANY**, 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 **COMPANY**, 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 **COMPANY**, 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 **COMPANY**, 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, **Oren A. Scherman**, have hereunto set my hand and seal this  
16<sup>th</sup> day of December, 2011.

  
(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Oren A. Scherman** is known to us to be the individual described in this assignment, that on this 16<sup>th</sup> day of December, 2011, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

JH O'Connor  
First Witness (Signature)

C. Jordan  
Second Witness (Signature)

72 SOUTH PARK DRIVE

23 MARINERS WAY

PADWORTH EVERARD

CAMBRIDGE

CB23 3LF

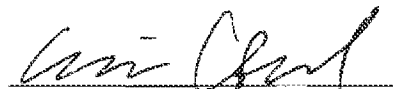
CB4 1BN

Post Office Address

Post Office Address


WITNESSED:


IN WITNESS WHEREOF I, **Eric Appel**, have hereunto set my hand and seal this 16<sup>th</sup> day of DEC, 2011.

  
(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Eric Appel** is known to us to be the individual described in this assignment, that on this 16<sup>th</sup> day of December, 2011, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

  
First Witness (Signature)

  
Second Witness (Signature)

72 SOUTH PARK DRIVE

28 MARINERS WAY

PAPWORTH EVERARD

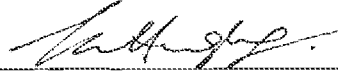
CAMBRIDGE

CB23 3LF  
Post Office Address

CB4 1BN  
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Trevor Hughes**, have hereunto set my hand and seal this  
19<sup>th</sup> day of December, 2011.

  
(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Trevor Hughes** is known to us to be the individual described in this assignment, that on this 19<sup>th</sup> day of December, 2011, we were personally present and did see him/her sign and execute this assignment and that he/she acknowledged to us that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

  
First Witness (Signature)

  
Second Witness (Signature)

94 Columbine Road, Ely,  
Cambridgeshire CB6 3WN  
United Kingdom  
Post Office Address

13 b St Peter's Street  
Cambridge, CB3 0BD  
UK  
Post Office Address