

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert Seth Hartshorne	09/07/2009
Trevor Lloyd Hughes	09/08/2009
Timothy Gareth John Jones	09/15/2009
Gary John Tustin	09/07/2009
James Francis Westwood	09/14/2009

RECEIVING PARTY DATA

Name:	Schlumberger Technology Corporation
Street Address:	One Hampshire Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12526817

CORRESPONDENCE DATA

Fax Number: (617)768-2402
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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:

57.0641 US PCT

NAME OF SUBMITTER:

James McAleenan

CH \$40.00 12526817

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PATENT
REEL: 023999 FRAME: 0709

Total Attachments: 8

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Assignment

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

Robert Seth Hartshorne, a citizen of the United Kingdom, residing at 44 Mill Hill, Newmarket, Suffolk CB8 0JB, UK;

Trevor Lloyd Hughes, a citizen of the United Kingdom, residing at 5 St. Margaret's Square, Cambridge CB1 8AP, UK;

Timothy Gareth John Jones, a citizen of the United Kingdom, residing at 16 Denmark Road, Cottenham, Cambridgeshire CB24 8QS, UK;

Gary John Tustin, a citizen of the United Kingdom, residing at 1a Babraham Road, Sawston, Cambridgeshire CB22 3DQ, UK; and

James Francis Westwood, a citizen of the United Kingdom, residing at "Little Gem", 5 The Avenue, Brockham, Betchworth, Surrey RH3 7EN, UK.

Has/have invented certain new and useful improvements in

WELLBORE TREATMENT FLUID

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 12, 2009, Serial No. 12/526,817 (Docket No. 57.0641 US PCT).

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, **Robert Seth Hartshorne**, have hereunto set my hand and seal this
7th day of September, 2009.

S. Hartshorne
(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Robert Seth Hartshorne** is known to us to be the individual described in this assignment, that on this 7th day of September, 2009, 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.

Sudmila Jones
First Witness (Signature)


Peter Jones
Second Witness (Signature)

13 Castle Walk, Lower
Street, Stansted, Essex
CM24 8LY United Kingdom
Post Office Address

Flat 11, 1a Station Rd
Cambridge, CB1 2J3
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Trevor Lloyd Hughes**, have hereunto set my hand and seal this
8th day of SEPTEMBER, 2009.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Trevor Lloyd Hughes** is known to us to be the individual described in this assignment, that on this 8 day of September, 2009, 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)

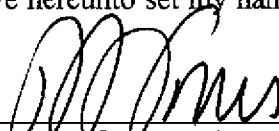
13 Castle Walk, Lower
Street, Stansted, Essex
CM24 8LY, U.K.
Post Office Address


Second Witness (Signature)

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

WITNESSED:

IN WITNESS WHEREOF I, **Timothy Gareth John Jones**, have hereunto set my hand and seal
this 15 day of SEPTEMBER, 2009.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Timothy Gareth John Jones** is known to us to be the
individual described in this assignment, that on this 15 day of September,
2009, 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)

13 Castle Walk, Lower
Street, Stansted, Essex
CM24 8LY UK

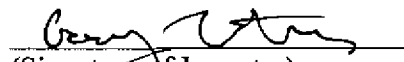
Post Office Address

Flat 11, 1a Station Rd,
Cambridge, Cambridgeshire
CB1 2JB, UK

Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Gary John Tustin**, have hereunto set my hand and seal this
7th day of September, 2009.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Gary John Tustin** is known to us to be the individual described in this assignment, that on this 7th day of September, 2009, 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)

13 Castle Walk, Lower
Street, Stansted, Essex
CM248LY United Kingdom
Post Office Address

Flat 11, 1a Station Rd
Cambridge, CB1 2JB
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **James Francis Westwood**, have hereunto set my hand and seal
this 14th day of SEPTEMBER 2009.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **James Francis Westwood** is known to us to be the
individual described in this assignment, that on this 14th day of September,
2009, 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)

Jillory Stone
14 HIGH STREET, DORING

ADRIAN BARNES
14 HIGH STREET, DORING

SURREY RM4 1AX

SURREY RM4 1AX

Post Office Address

Post Office Address

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