

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Robert Seth Hartshorne</td><td>05/13/2010</td></tr><tr><td>Nathan Lawrence</td><td>05/13/2010</td></tr><tr><td>Timothy Jones</td><td>05/13/2010</td></tr><tr><td>Andrew Meredith</td><td>05/13/2010</td></tr><tr><td>Gary John Tustin</td><td>05/13/2010</td></tr></tbody></table>		Name	Execution Date	Robert Seth Hartshorne	05/13/2010	Nathan Lawrence	05/13/2010	Timothy Jones	05/13/2010	Andrew Meredith	05/13/2010	Gary John Tustin	05/13/2010
Name	Execution Date												
Robert Seth Hartshorne	05/13/2010												
Nathan Lawrence	05/13/2010												
Timothy Jones	05/13/2010												
Andrew Meredith	05/13/2010												
Gary John Tustin	05/13/2010												
RECEIVING PARTY DATA													
<table border="1"><tr><td>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		
Name:	Schlumberger Technology Corporation												
Street Address:	One Hampshire Street												
City:	Cambridge												
State/Country:	MASSACHUSETTS												
Postal Code:	02139												
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>12753229</td></tr></tbody></table>		Property Type	Number	Application Number:	12753229								
Property Type	Number												
Application Number:	12753229												
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:	57.0909 US NP												
NAME OF SUBMITTER:	James McAleenan												

CH \$40.00 12753229

501235150

PATENT
REEL: 024698 FRAME: 0944

Total Attachments: 8

source=570909USNP_exec_assignment_submitted#page1.tif

source=570909USNP_exec_assignment_submitted#page2.tif

source=570909USNP_exec_assignment_submitted#page3.tif

source=570909USNP_exec_assignment_submitted#page4.tif

source=570909USNP_exec_assignment_submitted#page5.tif

source=570909USNP_exec_assignment_submitted#page6.tif

source=570909USNP_exec_assignment_submitted#page7.tif

source=570909USNP_exec_assignment_submitted#page8.tif

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;

Nathan Lawrence, a citizen of the United Kingdom, residing at 42 St. Margarets Road, Wyton, Huntingdon, Cambridgeshire, PE28 2AN, UK;

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

Andrew Meredith, a citizen of the United Kingdom, residing at 15 Metcalfe Road, Cambridge, CB4 2DB, UK; and

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

Has/have invented certain new and useful improvements in

DETECTION OF TRACERS USED IN HYDROCARBON WELLS

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 April 2, 2010, Serial No. 12/753,229 (Docket No. 57.0909 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, **Robert Seth Hartshorne**, have hereunto set my hand and seal this
13th day of May, 2010.

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 13th day of May, 2010, 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.

Peter J. [Signature]
First Witness (Signature)

Anna Bruce
Second Witness (Signature)

13B St Peters Street, Cambridge,
Cambridgeshire, CB3 0BD,

94 Columbine Road, Ely,
Cambridgeshire CB6 3WN

United Kingdom
Post Office Address

United Kingdom
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Nathan Lawrence**, have hereunto set my hand and seal this
13 day of May, 2010.

N.S. Lawrence
(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Nathan Lawrence** is known to us to be the individual described in this assignment, that on this 13th day of May, 2010, 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.

Patricia J. Jones
First Witness (Signature)

Anna Bruce
Second Witness (Signature)

13B St Peter Street, Cambridge,
Cambridgeshire, CB3 0BD,

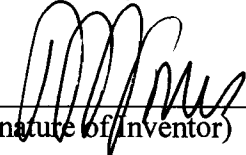
94 Columbine Road, Ely,
Cambridgeshire CB6 3WN

United Kingdom
Post Office Address

United Kingdom
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Timothy Jones**, have hereunto set my hand and seal this
13 day of MAY, 2010.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Timothy Jones** is known to us to be the individual described in this assignment, that on this 13th day of May, 2010, 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 B St Peters Street, Cambridge,
Cambridgeshire, CB3 0AD,

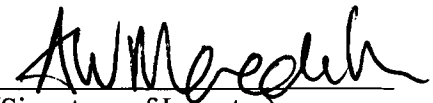
United Kingdom
Post Office Address

94 Columbine Road, Ely,
Cambridgeshire CB6 3WN

United Kingdom
Post Office Address

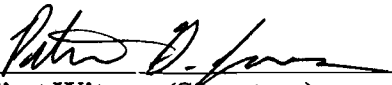
WITNESSED:

IN WITNESS WHEREOF I, **Andrew Meredith**, have hereunto set my hand and seal this
13th day of May, 2010.


(Signature of Inventor)

WITNESSED:

BE IT KNOWN, that **Andrew Meredith** is known to us to be the individual described in this assignment, that on this 13th day of May, 2010, 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 B St Peters Street, Cambridge,

94 Columbine Road, Ely,

Cambridgeshire, CB3 0BD,

Cambridgeshire CB6 3WN

United Kingdom

Post Office Address

United Kingdom

Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Gary John Tustin**, have hereunto set my hand and seal this
13th day of MAY, 2010.

Gary John Tustin
(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 13th day of May, 2010, 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.

Robert J. Jones
First Witness (Signature)

Anna Bruce
Second Witness (Signature)

13B St Peter Street, Cambridge,
Cambridgeshire, CB3 0BD,

94 Columbine Road, Ely,
Cambridgeshire CB6 3WN

United Kingdom
Post Office Address

United Kingdom
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