

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>Kashif RASHID</td><td>10/09/2009</td></tr><tr><td>Daniel Colin Nesbitt LUCAS-CLEMENTS</td><td>10/09/2009</td></tr><tr><td>Aron Edward HALLQUIST</td><td>10/08/2009</td></tr><tr><td>Michael HUBER</td><td>10/09/2009</td></tr><tr><td>Trevor Graham TONKIN</td><td>10/09/2009</td></tr><tr><td>Andrew Michael SHAND</td><td>10/09/2009</td></tr></tbody></table>		Name	Execution Date	Kashif RASHID	10/09/2009	Daniel Colin Nesbitt LUCAS-CLEMENTS	10/09/2009	Aron Edward HALLQUIST	10/08/2009	Michael HUBER	10/09/2009	Trevor Graham TONKIN	10/09/2009	Andrew Michael SHAND	10/09/2009
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Andrew Michael SHAND	10/09/2009														
RECEIVING PARTY DATA															
<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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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
Fax Number: (713)513-2056 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 7135132604															
Email: jalverson@slb.com															
Correspondent Name: Janice K. Alverson															
Address Line 1: 5599 San Felipe															
Address Line 2: Suite 100															
Address Line 4: Houston, TEXAS 77056															
ATTORNEY DOCKET NUMBER:	94.0132CIP2														

500987344

PATENT
REEL: 023365 FRAME: 0233

CH \$40.00 12534962

NAME OF SUBMITTER:

Bryan P. Galloway

Total Attachments: 9

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Assignment

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

Kashif RASHID, a citizen of the United Kingdom, residing at 225 Ellerdine Road, Hounslow, Middx, TW3-2PZ United Kingdom;

Daniel Colin Nesbitt LUCAS-CLEMENTS, a citizen of Ireland, residing at The White House, Faringdon, Oxfordshire SN7 8RB United Kingdom;

Aron Edward HALLQUIST, a citizen of the United States of America, residing at 10615 Burdine, Houston, Texas 77096 United States of America;

Michael HUBER, a citizen of Austria, residing at Maurer Lange Gasse 69/1/1, 1230 Vienna, Austria;

Trevor Graham TONKIN, a citizen of the United Kingdom, residing at 1 Dundas Court, Coxwell Road, Faringdon, Oxfordshire, SN7 7EZ United Kingdom;

and

Andrew Michael SHAND, a citizen of the United Kingdom, residing at 16 Hound Close, Abingdon, Oxfordshire OX14 2LU United Kingdom;

Has/have invented certain new and useful improvements in

METHODS AND SYSTEMS FOR PERFORMING OILFIELD PRODUCTION OPERATIONS

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 4, 2009, Serial No. 12/534962, (Docket No. 94.0132CIP2).

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, 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.

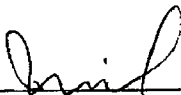
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, 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.

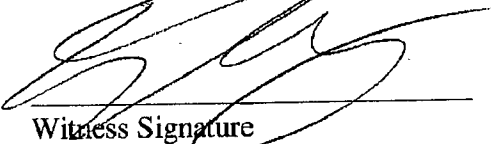
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful 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.

(Docket Number 94.0132CIP2)

IN WITNESS WHEREOF I, **Kashif RASHID**, have hereunto set my hand and seal this
9th day of October, 2009.


(signature of Inventor)

BE IT KNOWN that **Kashif RASHID** is to me known to be the individual described in the foregoing assignment, that on this 9th day of October, 2009, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness Signature

W. BAILEY
Printed Name

28 MURDOCK STR. #A
SOMERVILLE
MA 02145
Post Office Address


Witness Signature

BENOIT COUËT
Printed Name

58 HILLSIDE TER
BELMONT, MASSACHUSETTS
U.S.A. 02478
Post Office Address

(Docket Number 94.0132CIP2)

IN WITNESS WHEREOF I, **Daniel Colin Nesbitt LUCAS-CLEMENTS**, have hereunto set my hand and seal this 9th day of October, 2029.

Daniel Lucas-Clements
(signature of Inventor)

BE IT KNOWN that **Daniel Colin Nesbitt LUCAS-CLEMENTS** is to me known to be the individual described in the foregoing assignment, that on this 9th day of October, 2029, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

[Signature]
Witness Signature

IGOR FROLOV
Printed Name

135 MORRIS CLOSE
ABINGDON
OX14 2RP
Post Office Address

[Signature]
Witness Signature

C.P. WATERS
Printed Name

2 KILNBOLTON
UPPER BASILDON
RG8 8TB
Post Office Address

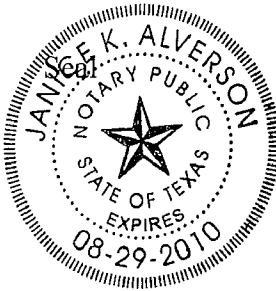
IN WITNESS WHEREOF I, **Aron Edward HALLQUIST**, have hereunto set my hand and seal
this 8th day of October, 2009.

Aron Hallquist
(signature of Inventor)

STATE OF TEXAS

COUNTY OF HARRIS


BEFORE ME this 8 day of October, 2009, personally appeared [**Aron Edward HALLQUIST**], to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



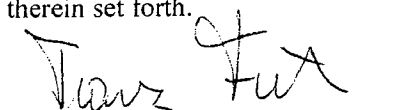
Jamie K Alverson
Notary Public

(Docket Number 94.0132CIP2)

IN WITNESS WHEREOF I, **Michael HUBER**, have hereunto set my hand and seal this
09 day of OCTOBER, 2009.


(Signature of Inventor)

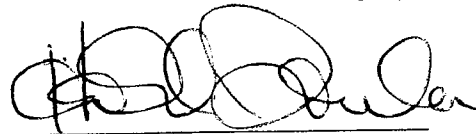
BE IT KNOWN that **Michael HUBER** is to me known to be the individual described in the foregoing assignment, that on this 09 day of OCTOBER, 2009, I was personally present and did see him sign and execute the foregoing assignment; and, that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.


Witness Signature

Franz FUXER
Printed Name

Josef Höttele Gasse
38/8

2500 BADEN / AUSTRIA
Post Office Address


Witness Signature


HAKK DANIELA
Printed Name

GRABENGASSE 19/28
2500 BADEN

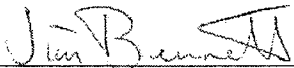
AUSTRIA
Post Office Address

(Docket Number 94.0132CIP2)

IN WITNESS WHEREOF I, **Trevor Graham TONKIN**, have hereunto set my hand and seal
this 9th day of October, 2009


(signature of Inventor)

BE IT KNOWN that **Trevor Graham TONKIN** is to me known to be the individual described
in the foregoing assignment, that on this 9th day of October, 2009, I was
personally present and did see him sign and execute the foregoing assignment; and, that he did
acknowledge to me that he executed the same as his free act and deed for the uses and purposes
therein set forth.



Witness Signature

JAMES BENNETT
Printed Name

31 HIGH ST, CULHAM

ABINGDON

OX14 4WA, UK
Post Office Address


Witness Signature

IGOR FROLOV
Printed Name


135 MORRIS CLOSE

ABINGDON

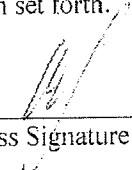
OX14 2RP
Post Office Address

(Docket Number 94.0132CIP2)

IN WITNESS WHEREOF I, **Andrew Michael SHAND**, have hereunto set my hand and seal
this 9th day of October, 2009.


(signature of Inventor)

BE IT KNOWN that **Andrew Michael SHAND** is to me known to be the individual described in
the foregoing assignment, that on this 9th day of October, 2009, I was
personally present and did see him sign and execute the foregoing assignment; and, that he did
acknowledge to me that he executed the same as his free act and deed for the uses and purposes
therein set forth.


Witness Signature

IGOR FROLOV


Printed Name

135 NORRIS CLOSE

ABINGDON

OX 14 2RP

Post Office Address


Witness Signature

E.P. WATTER

Printed Name

2 KILN BOLTON

UPPER BASILDON

RG8 8TB

Post Office Address

Schedule A
“COMPANIES”

Schlumberger Technology Corporation, a corporation duly organized, incorporated and existing under the laws of the State of Texas and having a place of business at 300 Schlumberger Drive, Sugar Land, Texas 77478 United States of America

as assignee for the United States

Schlumberger Canada Limited, a corporation duly organized, incorporated and existing under the laws of Canada and having a place of business at 525 – 3rd Ave. S.W., Calgary, Alberta, Canada T2P 0G4

as assignee for Canada

Services Petroliers Schlumberger, a corporation duly organized, incorporated and existing under the laws of France and having a place of business at 42, rue Saint Dominique, 75007 Paris, France

as assignee for France

Logined B.V., a corporation duly organized, incorporated and existing under the laws of the Netherlands and having a place of business at Gevers Deynootweg 61, 2586 BJ S Gravenhage, The Netherlands

as assignee for Albania, Algeria, Argentina, Australia, Austria, Azerbaijan, Bahrain, Brunei, Brazil, Bulgaria, Cameroon, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Eurasia, EPO, Faroe Islands, Gabon, Germany, Great Britain, Greece, Gulf Cooperation Council, Hungary, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Libya, Lithuania, Malaysia, Mexico, Myanmar, Netherlands, New Zealand, Norway, Oman, Pakistan, Poland, Portugal, Qatar, Romania, Russia, Saudi Arabia, Slovakia, Slovenia, South Africa, Spain, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, Uzbekistan, Venezuela and Yemen.

PRAD Research and Development Limited, a corporation organized and existing under and by the laws of the British Virgin Islands, having a place of business at P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, British Virgin Islands

as assignee for all other countries not designated above.