

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3902431

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHASHI MENON	08/31/2009
ERIC JONATHAN SCHOEN	08/14/2009
AMIT LODH	08/11/2009
TRULS ARNEGAARD	08/11/2009
STEPHEN WHITLEY	09/01/2009
KEITH TUSHINGHAM	09/15/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCHLUMBERGER TECHNOLOGY CORPORATION
<b>Street Address:</b>	300 SCHLUMBERGER DRIVE
<b>City:</b>	SUGAR LAND
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77478
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13943820
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	7132288600
<b>Email:</b>	hardilek@oshaliang.com
<b>Correspondent Name:</b>	ROBERT P. LORD
<b>Address Line 1:</b>	909 FANNIN, SUITE 3500
<b>Address Line 4:</b>	HOUSTON, TEXAS 77010
<b>ATTORNEY DOCKET NUMBER:</b>	09469/142003
<b>NAME OF SUBMITTER:</b>	ROBERT P. LORD
<b>SIGNATURE:</b>	/Robert P. Lord/
<b>DATE SIGNED:</b>	06/03/2016
<b>Total Attachments: 9</b>	

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## Assignment

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

**SHASHI MENON**, a citizen of the United States of America, residing at 14131 Jade Cove Drive, Houston, Texas 77077 United States of America;

**ERIC JONATHAN SCHOEN**, a citizen of the United States of America, residing at 4815 Bellview Street, Bellaire, Texas 77401 United States of America;

**AMIT LODH**, a citizen of the United Kingdom, residing at 5823 Calico Crossing, Katy, Texas, 77450 United States of America;

**TRULS ARNEGAARD**, a citizen of Norway, residing at Langgata 15, N-0566 Oslo, Norway;

**STEPHEN WHITLEY**, a citizen of the United States of America, residing at 6411 Dylan Spring Lane, Katy, Texas 77450 United States of America;

and

**KEITH TUSHINGHAM**, a citizen of the United Kingdom, residing at 14915 Cindywood, Houston, Texas 77079 United States of America;

Has/have invented certain new and useful improvements in

### **OILFIELD APPLICATION FRAMEWORK**

as described and set forth in a United States Provisional Patent Application filed on August 22, 2008 under Serial Number 61/091207, and 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 12/535340, (Docket No. 94.0178).

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 Effective as of August 22, 2008**, 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.

IN WITNESS WHEREOF I, SHASHI MENON, have hereunto set my hand and seal this 31<sup>st</sup> day of AUGUST, 2009.

Shashi Menon  
(signature of Inventor)

STATE OF TEXAS

COUNTY OF Harris

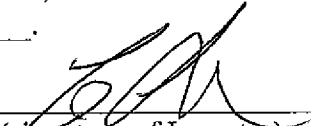
BEFORE ME this 31<sup>st</sup> day of August, 2009, personally appeared SHASHI MENON, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal

Leslie Goldsmith  
Notary Public



IN WITNESS WHEREOF I, **ERIC JONATHAN SCHOEN**, have hereunto set my hand and seal this 14<sup>th</sup> day of August, 2009.

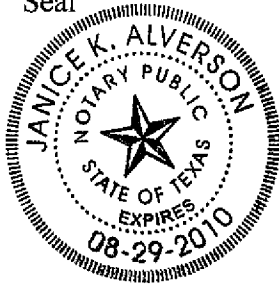
  
\_\_\_\_\_  
(signature of Inventor)


STATE OF TEXAS

COUNTY OF Harris

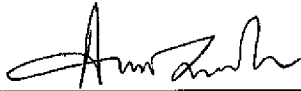
BEFORE ME this 14 day of August, 2009, personally appeared **ERIC JONATHAN SCHOEN**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal



  
\_\_\_\_\_  
Notary Public

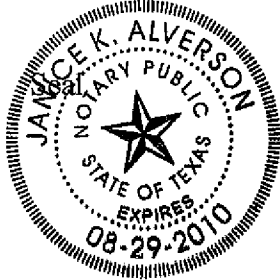
IN WITNESS WHEREOF I, **AMIT LODH**, have hereunto set my hand and seal this 11th day of August, 2009.

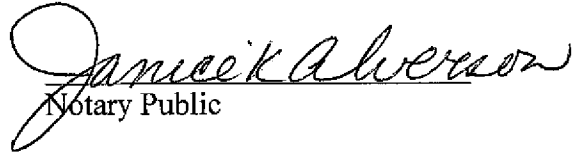
  
\_\_\_\_\_  
(signature of Inventor)

STATE OF TEXAS

COUNTY OF USA

BEFORE ME this 11 day of August, 2009, personally appeared **AMIT LODH**, 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.



  
\_\_\_\_\_  
Notary Public

IN WITNESS WHEREOF I, **TRULS ARNEGAARD**, have hereunto set my hand and seal this 11 day of August, 2007.

*Truls Arnegaard*  
(signature of Inventor)

BE IT KNOWN that **TRULS ARNEGAARD** is to me known to be the individual described in the foregoing assignment, that on this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, 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

SERGEY ANISIMOV  
Printed Name

Middelthuns gate 24A  
0368, OSLO

Post Office Address

*[Signature]*  
Witness Signature


LUCAS NATRAJ  
Printed Name

Middelthuns Gate 25A  
0368, Oslo

Post Office Address



IN WITNESS WHEREOF I, **STEPHEN WHITLEY**, have hereunto set my hand and seal this  
1<sup>st</sup> day of September, 2009.

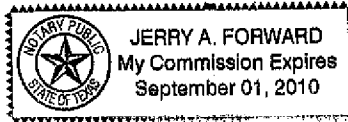
  
\_\_\_\_\_  
(signature of Inventor)

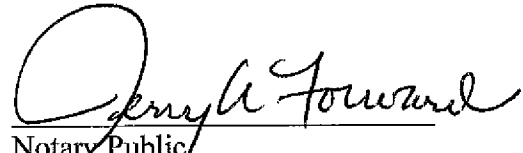
STATE OF TEXAS

COUNTY OF HARRIS

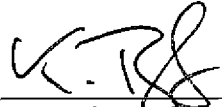
BEFORE ME this 1<sup>st</sup> day of September, 2009, personally appeared **STEPHEN WHITLEY**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal



  
\_\_\_\_\_  
Notary Public

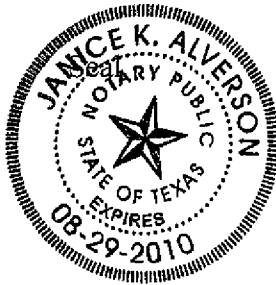
IN WITNESS WHEREOF I, **KEITH TUSHINGHAM**, have hereunto set my hand and seal this 15<sup>th</sup> day of September, 2009.

  
\_\_\_\_\_  
(signature of Inventor)

STATE OF TEXAS

COUNTY OF Harris

BEFORE ME this 15 day of September, 2009, personally appeared **KEITH TUSHINGHAM**, 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.



  
Notary Public

**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.**