

## 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>Jesse C. Lee</td> <td>04/16/2012</td> </tr> <tr> <td>Stephane Boulard</td> <td>04/12/2012</td> </tr> <tr> <td>Nikhil Shindgikar</td> <td>04/12/2012</td> </tr> <tr> <td>Slaheddine Kefi</td> <td>03/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jesse C. Lee	04/16/2012	Stephane Boulard	04/12/2012	Nikhil Shindgikar	04/12/2012	Slaheddine Kefi	03/26/2012
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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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13402866</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13402866						
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CORRESPONDENCE DATA											
<p>Fax Number: (713)689-6372</p> <p>Phone: 81427595321</p> <p>Email: kawashima1@exchange.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 - COE</p> <p>Address Line 1: WesternGeco 10001 Richmond Ave.</p> <p>Address Line 2: Room 3028</p> <p>Address Line 4: Houston, TEXAS 77042</p>											
ATTORNEY DOCKET NUMBER:	21.1959 US ASSIGNMENT										
NAME OF SUBMITTER:	Setsuko Kawashima										

CH \$40.00 13402866

**Total Attachments: 7**

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### Assignment

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

**Jesse C. Lee**, a citizen of the United States of America, residing at 5327 Avondale Drive, Sugar Land, TX 77479, USA;

**Stephane Boulard**, a citizen of France, residing at 2 Rue Blaise Pascal, 92350 Le Plessis Robinson France;

**Nikhil Shindgikar**, a citizen of India, residing at 10 Rue Armand Moisant, 75015 Paris, France;

and

**Slaheddine Kefi**, a citizen of France, residing at 6 Rue Du Lavoisier, 78140 Velizy Villacoublay, France;

Has/have invented certain new and useful improvements in

### Well Treatment

as described and set forth in an application for Letters Patent of the United States of America, filed on February 22, 2012 under Attorney Docket No. 21.1959 US assigned serial # 13/402,866. **This assignment is effective as of February 22, 2012.**

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.

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 16 day of April, 2012.

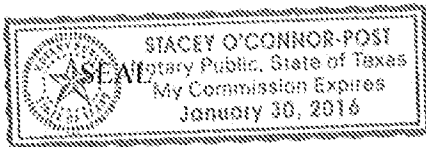
Jesse C. Lee  
Name: Jesse C. Lee

Witnesses:

State of Texas  
County of Fort Bend

Date: April 16, 2012


Stacey O'Connor-Post  
Name:  
Notary Public



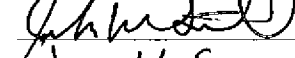
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 12 day of  
April, 2012.

  
Name: Stephane Boulard

Witnesses:

Signature   
Name: LAFITTE  
Address: 10500 Fountain Lake Dr.  
Apt # 1533  
Stafford 77477

Date: 12 - April - 2012

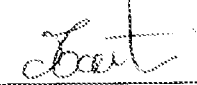
Signature   
Name: John W. Still  
Address: 28311 DAYSTROM LN  
KATY, TX 77494

Date: 12-APRIL-2012

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 12<sup>th</sup> day of  
APRIL, 2012.

  
Name: Nikhil Shindgikar

Witnesses:

Signature 

Name:

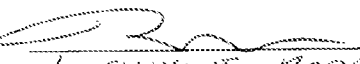
HURTEL MARTIN-BOUREL

Date:

12 April 2012

Address:

153 KINGS GATE  
ABERDEEN AB56DN

Signature 

Name:

4 CHAYNE ROAD

Date:

12-4-12


Address:

ABERDEEN  
AB24 1UA

IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 26<sup>th</sup> day of March, 2012.

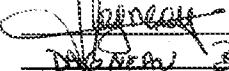
  
Name: Slaheddine Kefi

Witnesses:

  
Signature DELGADO Carmona  
Name: \_\_\_\_\_  
Address: Boulevard de la Gare  
31100 Bordeaux  
France

Date:

26 March 2012

  
Signature DELGADO Carmona  
Name: Delgado Carmona  
Address: 30 Ter Rue de la Gare  
92320 Châtillon  
FRANCE

Date:

26 March 2012



Schedule A

**“COMPANIES”**

**SCHLUMBERGER TECHNOLOGY CORPORATION**

Corporation of: United States of America

Located at: 300 Schlumberger Drive, Sugar Land, Texas 77478 U.S.A.

Assignee for applications in: United States of America

**SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

Located at: 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, Canada T2P 0G4

Assignee for applications in: Canada

**SERVICES PETROLIERS SCHLUMBERGER**

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, France

Assignee for applications in: France

**SCHLUMBERGER HOLDINGS LIMITED**

Corporation of: British Virgin Islands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Japan, The Netherlands, Netherlands Antilles, United Kingdom, Saudi Arabia

**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, Azerbaijan, Brunei, Bulgaria, Chad, Colombia, Czech Republic, Denmark, Equatorial Guinea, Faroe Islands, Germany, Greece, Hungary, Indonesia, Ireland, Israel, Italy, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, Myanmar, New Zealand, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Slovakia, Slovenia, South Africa, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Uzbekistan, and Venezuela

**PRAD RESEARCH AND DEVELOPMENT LIMITED**

Corporation of: British Virgin Islands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, 1110 Tortola, British Virgin Islands

Assignee for applications in: Eurasia, Gulf Cooperation Council, and Countries not otherwise listed.