

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>Syed A Ali</td><td>06/18/2010</td></tr><tr><td>Gunnar Debruijn</td><td>06/21/2010</td></tr><tr><td>Laurent Delabroy</td><td>07/14/2010</td></tr><tr><td>Emmanuel Therond</td><td>06/22/2010</td></tr><tr><td>Bruno Drochon</td><td>06/14/2010</td></tr><tr><td>Cecilia Nguyen</td><td>06/15/2010</td></tr></tbody></table>		Name	Execution Date	Syed A Ali	06/18/2010	Gunnar Debruijn	06/21/2010	Laurent Delabroy	07/14/2010	Emmanuel Therond	06/22/2010	Bruno Drochon	06/14/2010	Cecilia Nguyen	06/15/2010
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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>110 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:	110 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>12778234</td></tr></tbody></table>		Property Type	Number	Application Number:	12778234										
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Application Number:	12778234														
CORRESPONDENCE DATA															
Fax Number: (281)285-4703 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 281-285-8606															
Email: kjohnson18@slb.com															
Correspondent Name: David Cate															
Address Line 1: 555 Industrial Blvd															
Address Line 4: Sugar Land, TEXAS 77478															
ATTORNEY DOCKET NUMBER:	21.1921														
NAME OF SUBMITTER:	David Cate														

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PATENT  
REEL: 024753 FRAME: 0014

**Total Attachments: 9**

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# A S S I G N M E N T

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

**ALI Syed A.**, 15015 West Airport Blvd., Apt. 433, Sugar Land, TX 77478, USA

**DEBRUIJN Gunnar**, 736 27 Ave NW, Calgary, AB, Canada, T2M 2J3

**DELABROY Laurent**, 1726 Prairie Grove Dr, Houston, TX 77077, USA

**THEROND Emmanuel**, 12, rue Remusat, 75016 Paris – France

**DROCHON Bruno**, 72A Holbrook Road, Cambridge, CB1 7ST, UK

**NGUYEN Cecilia**, 2333 Bering Dr. Apt. 203, Houston, Texas 77057 USA

Has/have invented certain new and useful improvements in

## **COMPOSITIONS AND METHODS FOR CLEANING A WELLBORE PRIOR TO CEMENTING**

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the **May 12, 2010 (21.1921 US)**.

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.

SCHEDULE A  
"COMPANIES"

**SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

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

Assignee for applications in: Canada

**SCHLUMBERGER TECHNOLOGY CORPORATION**

Corporation of: USA

Located at: 110 Schlumberger Drive, Sugar Land, TX 77478 US

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 83-89m 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

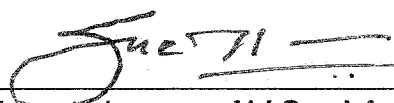
**PRAD RESEARCH AND DEVELOPMENT LIMITED**

Corporation of: British Virgin Islands

Located at: PO Box 71, Craigmuir Chambers, Road Town, Tortola, BVI



Assignee for applications in: Countries not Otherwise Listed

IN TESTIMONY WHEREOF, I **ALI Syed A.** have duly executed this Assignment on this  
18th day of June, 2010.

  
 Inventor's name: **ALI Syed A.**

**WITNESSED:**

BEFORE ME this 18th day of JUNE, 2010, personally  
 appeared, **ALI Syed A.**, 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.

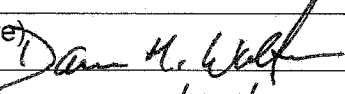
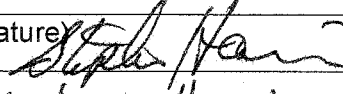
Witness (Signature) 	Witness (Signature) 
Name <b>CHRISTINE GERCANS</b>	Name <b>Baudel W. Quintero</b>
Address <b>110 SCHLUMBERGER DR.</b>	Address <b>110 Schlumberger Dr</b>
<b>SUGAR LAND TX</b>	<b>SUGAR LAND, TX</b>
<b>USA 77478</b>	<b>77478</b>

IN TESTIMONY WHEREOF, I **DEBRUIJN Gunnar** have duly executed this Assignment on this 21 day of JUNE, 2010.

  
 Inventor's name: **DEBRUIJN Gunnar**

**WITNESSED:**

BEFORE ME this 21 day of JUNE, 2010, personally appeared **DEBRUIJN Gunnar**, 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.

Witness (Signature) 	Witness (Signature) 
Name <u>Darren M. Wolventon</u>	Name <u>Stephan Harris</u>
Address <u>300 Schlumberger Drive</u>	Address <u>300 Schlumberger Drive</u>
<u>Sugarland, TX 77498</u>	<u>Sugar Land, TX 77479</u>


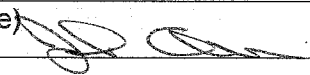
IN TESTIMONY WHEREOF, I **DELABROY Laurent** have duly executed this Assignment on this 14<sup>th</sup> day of July, 2010.



Inventor's name: **DELABROY Laurent**

**WITNESSED:**

BEFORE ME this 14<sup>th</sup> day of July, 2010, personally appeared **DELABROY Laurent**, 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.

Witness (Signature) 	Witness (Signature) 
Name <u>VERA SIDERAKI</u>	Name <u>Josh Alberson</u>
Address <u>1726 PRAIRIE GROVE</u>	Address <u>1325 S. Dairy Ashford</u>
<u>HOUSTON TX 77077</u> <u>PR.</u>	<u>Houston, TX 77077</u>

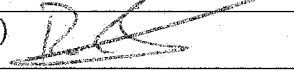



IN TESTIMONY WHEREOF, I **THEROND Emmanuel** have duly executed this Assignment on this 22<sup>nd</sup> Ju day of June, 2010.

  
Inventor's name: **THEROND Emmanuel**

WITNESSED:

BEFORE ME this 22 day of June, 2010, personally appeared **THEROND Emmanuel**, 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.

Witness (Signature) 	Witness (Signature) 
Name <u>René Lupto</u>	Name <u>Emmanuelle PRADAL</u>
Address <b>SERVICES TECHNIQUES SCHLUMBERGER</b> 1 Cours du Triangle 92936 LA DEFENSE CEDEX / FRANCE Tél. 01 71 12 20 00 RCS: 692 016 728 00093	Address <b>SERVICES TECHNIQUES SCHLUMBERGER</b> 1 Cours du Triangle 92936 LA DEFENSE CEDEX / FRANCE Tél. 01 71 12 20 00 RCS: 692 016 728 00093

IN TESTIMONY WHEREOF, I **DROCHON Bruno** have duly executed this Assignment on this 14 day of June, 2010.

  
Inventor's name: **DROCHON Bruno**

WITNESSED:

BEFORE ME this 14 day of June, 2010, personally appeared **DROCHON Bruno**, 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.

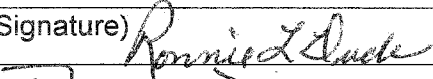
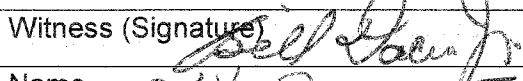
Witness (Signature) <u>S. Hatcher</u>	Witness (Signature) <u>Valerie Lafitte</u>
Name <u>S. HATCHER</u>	Name <u>Valerie Lafitte</u>
Address <u>44 MILL HILL</u>	Address <u>13 Bailey News</u>
<u>NEWMARKET, CB8 0JB.</u>	<u>Auckland Road</u>
	<u>Cambridge CB5 8DR</u>

IN TESTIMONY WHEREOF, I **NGUYEN Cecilia** have duly executed this Assignment on this 15 day of June, 2010.

  
Inventor's name: **NGUYEN Cecilia**

WITNESSED:

BEFORE ME this 15 day of June, 2010, personally appeared **NGUYEN Cecilia**, 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.

Witness (Signature) 	Witness (Signature) 
Name <u>RONNIE L. DUCK</u>	Name <u>BILL DACRES JR.</u>
Address <u>16115 Park Row</u>	Address <u>16115 PARK ROW</u>
<u>Suite 190</u>	<u>#190</u>
<u>Houston, Tx 77084</u>	<u>HOUSTON, TX. 77084</u>