

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tullio Moscato</td> <td>08/02/2010</td> </tr> <tr> <td>Robert Van Kuijk</td> <td>08/02/2010</td> </tr> <tr> <td>Xu Wu</td> <td>07/19/2010</td> </tr> <tr> <td>Jacques Jundt</td> <td>07/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tullio Moscato	08/02/2010	Robert Van Kuijk	08/02/2010	Xu Wu	07/19/2010	Jacques Jundt	07/20/2010		
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Schlumberger Technology Corporation</td> </tr> <tr> <td>Street Address:</td> <td>200 Gillingham Lane</td> </tr> <tr> <td>Internal Address:</td> <td>MD200-9</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:	200 Gillingham Lane	Internal Address:	MD200-9	City:	Sugar Land	State/Country:	TEXAS	Postal Code:	77478
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CORRESPONDENCE DATA													
Fax Number: (281)285-8821 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 281-285-8500 Email: kmorris2@slb.com Correspondent Name: SCHLUMBERGER OILFIELD SERVICES Address Line 1: 200 GILLINGHAM LANE Address Line 2: MD 200-9 Address Line 4: SUGAR LAND, TEXAS 77478													
ATTORNEY DOCKET NUMBER:	21.1769												
NAME OF SUBMITTER:	Myron K. Stout												

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PATENT
REEL: 024922 FRAME: 0390

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

1. MOSCATO Tullio, 42 rue Liancourt, 75014 Paris, France
2. VAN KUIJK Robert, 3. rue du Bourg, app 140, 92350 Le Plessis Robinson, France
3. WU Xu, 13 rue de la Glaciere, 75013 Paris, France
4. JUNDT Jacques, 127 Elliot Street 02461 Newton, MA, USA

Has/have invented certain new and useful improvements in

SYSTEM AND METHOD FOR DETERMINING DOWNHOLE FLUID PARAMETERS

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the 28 June 2010 (21.1769 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: 525-3rd 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

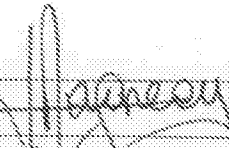
Assignee for applications in: Countries not Otherwise Listed

IN TESTIMONY WHEREOF, I MOSCATO Tullio have duly executed this Assignment on this
2nd day of August, 2010.


 Inventor's name: MOSCATO Tullio

WITNESSED:

BEFORE ME this 2 day of August 2010, 2010, personally appeared, MOSCATO Tullio, 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.

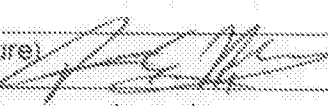
Witness (Signature) 	Witness (Signature) 
Name <u>Delgado Carmen</u>	Name <u>JAGUEN</u>
Address <u>Rue de la Croix Andrieu</u>	Address <u>30 Ter Rue de la Croix</u>
<u>91100 Gif sur Yvette</u>	<u>92320 Chatillon</u>
<u>France</u>	<u>FRANCE</u>

IN TESTIMONY WHEREOF, I VAN KUIJK Robert have duly executed this Assignment on this 2nd day of August, 2010.


Inventor's name: VAN KUIJK Robert

WITNESSED:

BEFORE ME this 2nd day of August, 2010, personally appeared VAN KUIJK Robert, 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>Rodrigo Maria</u>	Name <u>Germaine E. Messier</u>
Address <u>Schlumberger EPS</u>	Address <u>Schlumberger Clamart</u>
<u>1 rue Boquerel, Clamart</u>	<u>1, rue Henri Boquerel</u>
<u>FRANCE</u>	<u>92140 - Clamart</u>

IN TESTIMONY WHEREOF, I WU Xu have duly executed this Assignment on this _____
day of July 19, 2010.


Inventor's name: WU Xu

WITNESSED:

BEFORE ME this 19 day of July, 2010, personally appeared WU Xu, 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.

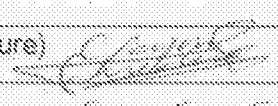
Witness (Signature) 	Witness (Signature) 
Name <u>NICOLAS FLAHANT</u>	Name <u>Pierre VIGNEAUX</u>
Address <u>5 RUE THEOPHILE GAUTIER</u>	Address <u>36 rue grande</u>
<u>92120 MONTROUGE</u>	<u>77950 MOISENAY</u>
<u>FRANCE</u>	<u>FRANCE</u>

IN TESTIMONY WHEREOF, I JUNDT Jacques have duly executed this Assignment on this
20th day of July, 2010.


 Inventor's name: JUNDT Jacques

WITNESSED:

BEFORE ME this 20 day of July, 2010, personally appeared
 JUNDT Jacques, 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>VINCENT ERNST</u>	Name <u>Frederic B. C. VIEL</u>
Address <u>8 WYCKOFF DR.</u>	Address <u>11 Pennington</u>
<u>PENNINGTON, NJ 08534</u>	<u>Lakewood Rd.</u>
	<u>Pennington, NJ 08534</u>

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