

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Arthur Hartog</td> <td>09/08/2011</td> </tr> <tr> <td>Kamal Kader</td> <td>09/06/2011</td> </tr> </tbody> </table>		Name	Execution Date	Arthur Hartog	09/08/2011	Kamal Kader	09/06/2011				
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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: 2											
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CORRESPONDENCE DATA											
<p>Fax Number: (281)285-5537</p> <p>Phone: 2812855534</p> <p>Email: abrown15@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 TECHNOLOGY CORPORATION</p> <p>Address Line 1: 14910 AIRLINE RD. BLDG. 14</p> <p>Address Line 4: ROSHARON, TEXAS 77583</p>											
ATTORNEY DOCKET NUMBER:	68.1060										
NAME OF SUBMITTER:	Autrey Brown										
<p>Total Attachments: 5</p> <p>source=68.1060 Assignment Signed#page1.tif</p> <p>source=68.1060 Assignment Signed#page2.tif</p> <p>source=68.1060 Assignment Signed#page3.tif</p> <p>source=68.1060 Assignment Signed#page4.tif</p> <p>source=68.1060 Assignment Signed#page5.tif</p>											

CH \$80.00 61379192

Assignment

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

Arthur Hartog, a citizen of Canada, residing at Meadow Cottage, Martyr Worthy, Winchester SO21 1DZ, United Kingdom;

Kamal Kader, a citizen of France, residing at Apartment 2014, Top Of The Hill residence, 2-17-50 Akasaka, Minato-Ku, Tokyo, Japan 107-0052;

Has/have invented certain new and useful improvements in

Distributed Vibration Sensor With Improved Linearity

as described and set forth in a United States Provisional Patent Application filed on 01 September 2010 under Serial Number 61/379192, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on 30 August 2011, Serial No. 13/221280, (Docket No. 68.1060). **This assignment is effective as of 01 September 2010.**

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 WITNESS WHEREOF I, **Arthur Hartog**, have hereunto set my hand and seal this
8th day of September, 2011.

Arthur Hartog
 (signature of Inventor)

BE IT KNOWN that **Arthur Hartog** is to me known to be the individual described in the foregoing assignment, that on this 8th day of September, 2011, 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.

W. Knight
 Witness

16, CYGNET COURT
FAREHAM
PO16 8AU

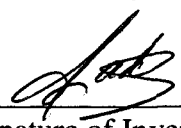
Post Office Address

Lei Jiang LEI JIANG
 Witness


Schlumberger
Unit 7, the Quadrangle
Abbey Park, Romsey
SO51 9DL

Post Office Address

IN WITNESS WHEREOF I, **Kamal Kader**, have hereunto set my hand and seal this
6th day of September, 2011.


 (signature of Inventor)

BE IT KNOWN that **Kamal Kader** is to me known to be the individual described in the foregoing assignment, that on this 6th day of September, 2011, 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.

HIROSHI INOUE 
 Witness


310, Gardenhouse Artista

2301-13 Nagatsuta-cho

Midori-ku, Yokohama-shi

Kanagawa Japan

Post Office Address

SHIGERU SATO 
 Witness

1-14-5, Koyo dai

Imagi-shi, Tokyo

Japan

Post Office Address

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: 525-3rd 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.