

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>Erwan Lemenager</td> <td>05/15/2008</td> </tr> <tr> <td>Martin Luling</td> <td>05/19/2008</td> </tr> <tr> <td>Yves Mathieu</td> <td>05/28/2008</td> </tr> <tr> <td>Christian Chouzenoux</td> <td>05/15/2008</td> </tr> </tbody> </table>		Name	Execution Date	Erwan Lemenager	05/15/2008	Martin Luling	05/19/2008	Yves Mathieu	05/28/2008	Christian Chouzenoux	05/15/2008
Name	Execution Date										
Erwan Lemenager	05/15/2008										
Martin Luling	05/19/2008										
Yves Mathieu	05/28/2008										
Christian Chouzenoux	05/15/2008										
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
Name:	Schlumberger Technology Corporation										
Street Address:	110 Schlumberger Drive										
City:	Sugar Land										
State/Country:	TEXAS										
Postal Code:	77478										
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>11996996</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11996996						
Property Type	Number										
Application Number:	11996996										
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:	21.1303US ASSIGNMENT										
NAME OF SUBMITTER:	Setsuko Kawashima										

CH \$40.00 11996996

Total Attachments: 7

source=211303US_Assignment#page1.tif

source=211303US_Assignment#page2.tif

source=211303US_Assignment#page3.tif

source=211303US_Assignment#page4.tif

source=211303US_Assignment#page5.tif

source=211303US_Assignment#page6.tif

source=211303US_Assignment#page7.tif

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

LEMENAGER Erwan, LULING Martin, MATHIEU Yves, CHOUZENOUX Christian
C/O Etudes & Productions Schlumberger, 1, rue Henri Becquerel, 92142 Clamart Cedex, France

Has/have invented certain new and useful improvements in

METHOD AND APPARATUS FOR TRANSMITTING OR RECEIVING INFORMATION BETWEEN A DOWN-HOLE EQUIPMENT AND SURFACE

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the 28/01/2008 (21.1303).

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

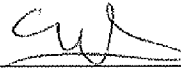
PRAD RESEARCH AND DEVELOPMENT LIMITED

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 WITNESS WHEREOF, I, **LEMENAGER Erwan**, have hereunto set my hand and seal this 15 day of May, 2008.



(signature of Inventor)

BEFORE ME this 15 day of May, 2008, personally appeared **LEMENAGER Erwan**, 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.



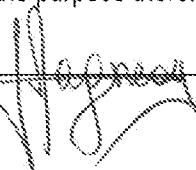
Witness

IN WITNESS WHEREOF, I, **LULING Martin**, have hereunto set my hand and seal this 19 day of
May, 2008.


(signature of Inventor)

BEFORE ME this 19 day of May, 2008, personally appeared **LULING Martin**, 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



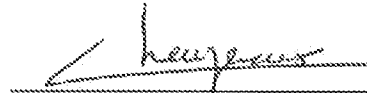
IN WITNESS WHEREOF, I, **MATHIEU Yves**, have hereunto set my hand and seal this 28th day of May, 2008.

M. Mathieu
(signature of Inventor)

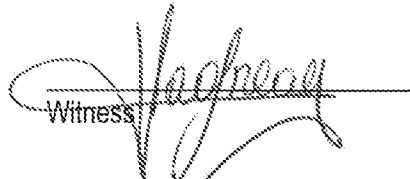
BEFORE ME this 28 day of May, 2008, personally appeared **MATHIEU Yves**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

[Signature]
Witness

IN WITNESS WHEREOF, I, **CHOUZENOUX Christian**, have hereunto set my hand and seal this 15 day of MAY, 2008.


(signature of Inventor)

BEFORE ME this 15 day of May, 2008, personally appeared **CHOUZENOUX Christian**, 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