

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>Nicholas N. Bennett</td> <td>07/10/2012</td> </tr> <tr> <td>Richard T Coates</td> <td>07/06/2012</td> </tr> <tr> <td>Jakob Brandt Utne Haldorsen</td> <td>07/11/2012</td> </tr> <tr> <td>Douglas E. Miller</td> <td>09/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Nicholas N. Bennett	07/10/2012	Richard T Coates	07/06/2012	Jakob Brandt Utne Haldorsen	07/11/2012	Douglas E. Miller	09/17/2012
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Richard T Coates	07/06/2012										
Jakob Brandt Utne Haldorsen	07/11/2012										
Douglas E. Miller	09/17/2012										
RECEIVING PARTY DATA											
Name:	Schlumberger Technology Corporation										
Street Address:	200 Gillingham Lane, MD1										
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>13541752</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13541752						
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CORRESPONDENCE DATA											
Fax Number:	7136896372										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	81427595321										
Email:	kawashima1@exchange.slb.com										
Correspondent Name:	Schlumberger - COE										
Address Line 1:	WesternGeco 10001 Richmond Ave.										
Address Line 2:	Room 3028										
Address Line 4:	Houston, TEXAS 77042										
ATTORNEY DOCKET NUMBER:	IS10.0936US ASSIGNMENT										
NAME OF SUBMITTER:	Setsuko Kawashima										
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:

Nicholas N. Bennett, a citizen of the United States of America, residing at 822 Ridge Road Hamden, CT 06517 USA;

Richard T Coates, a citizen of the United States of America, residing at 24106 Laureumont Court, Katy, TX 77494 USA;

Jakob Brandt Utne Haldorsen, a citizen of Norway, residing at Ravnsborgveien 56, N-1395 Hvalstad, Norway;

and

Douglas E. Miller, a citizen of the United States of America, residing at 224 Marlborough #52, Boston, MA 02116, United States;

Has/have invented certain new and useful improvements in

Methods and Apparatus for Determining Slowness of Wavefronts

as described and set forth in an application for Letters Patent of the United States of America, filed on July 4, 2012 under Attorney Docket No. IS10.0936 US NP assigned serial # 13/541,752. **This assignment is effective as of July 4, 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,

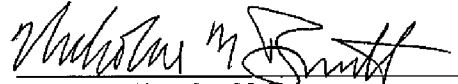
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

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 10th day of July, 2012.


Name: Nicholas N. Bennett

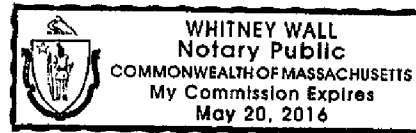
Witnesses:

State of Massachusetts
County of Middlesex

Date: 7/10/2012


Name: Whitney Wall
Notary Public

SEAL



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 6 day of July, 2012.

[Signature]
Name: Richard T Coates

Witnesses:

State of Texas
County of Harris


Date: July 6, 2012

[Signature]
Name: ANDREA C. JONES
Notary Public

SEAL



IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 11 day of July, 2012.



Name: Jakob Brandt Utne
Haldorsen

Witnesses:

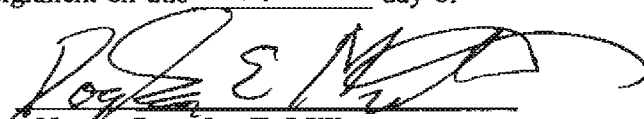
Signature Kim Systad
Name: KIM SYSTAD
Address: GINA KROGGSVEIEN
1153 OSLO

Date: 11/7-2012

Signature Per Eidsvig
Name: PER EIDSVIG
Address: BLYBERGS V. 19
3531 KROKKLEIVA

Date: 11/7-2012

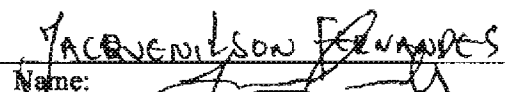
IN TESTIMONY WHEREOF, I have duly executed this Assignment on this 17th day of September, 2012.


Name: Douglas E. Miller

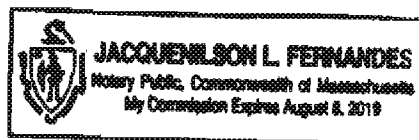
Witnesses:

State of Massachusetts
County of Suffolk

Date: September 17th, 2012


Name:
Notary Public

SEAL



Schedule A

“COMPANIES”

SCHLUMBERGER TECHNOLOGY CORPORATION

Corporation of: United States of America

Located at: 200 Gillingham Lane, MD1, Sugar Land, Texas 77478 USA (SKK)

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.