

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kamal Babour</td> <td>07/08/2008</td> </tr> <tr> <td>Leendert Combee</td> <td>08/07/2008</td> </tr> <tr> <td>James P. Brady</td> <td>08/07/2008</td> </tr> <tr> <td>Martin Howlid</td> <td>07/07/2008</td> </tr> </tbody> </table>		Name	Execution Date	Kamal Babour	07/08/2008	Leendert Combee	08/07/2008	James P. Brady	08/07/2008	Martin Howlid	07/07/2008
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Martin Howlid	07/07/2008										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	WesternGeco L. L. C.										
<b>Street Address:</b>	10001 Richmond Avenue										
<b>Internal Address:</b>	IP Dept - Jeffrey Griffin										
<b>City:</b>	Houston										
<b>State/Country:</b>	TEXAS										
<b>Postal Code:</b>	77042										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12132534</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12132534						
Property Type	Number										
Application Number:	12132534										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(713)689-1977										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	7136892625										
<b>Email:</b>	lgoldsmith@slb.com										
<b>Correspondent Name:</b>	Jeffrey E. Griffin WesternGeco, L.L.C.										
<b>Address Line 1:</b>	10001 Richmond Avenue										
<b>Address Line 4:</b>	Houston, TEXAS 77042										
<b>ATTORNEY DOCKET NUMBER:</b>	14.0404-US										
<b>NAME OF SUBMITTER:</b>	Liangang (Mark) Ye										

CH \$40.00 12132534

**Total Attachments: 8**

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### Assignment

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

**Kamal Babour**, a citizen of France, residing at 33, Avenue Victor Hugo, 91440 Bures sur Yvette, France,

**Leendert Combee**, a citizen of the Netherlands, residing at Claude Monets Alle 22, 1338 Sandvika, Norway,

**James P. Brady**, a citizen of the United States of America, residing at 6248 Wickersham Lane, Houston, TX 77057, and

**Martin ~~X~~ Howlid**, a citizen of Norway, residing at Stasjonsveien 45, N-1365 Blommenholm, Norway,

Has/have invented certain new and useful improvements described in the invention disclosure entitled

#### Method of Electromagnetic Measurements

(WesternGeco Docket No. 14.404-US) and/or as described and set forth in one or more associated patent applications (filed or to be filed). The Inventor(s) hereby authorize and request WesternGeco's legal department, to insert in the space provided in Schedule A the filing date(s), application number(s), and title(s) of said application(s) when known.

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 B, 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 B;

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; and entire right, title and interest in all the intellectual property in the invention including, but not limited to, any and all ideas, discoveries, writings (including software and its source code) and improvements in the invention, together with any and all domestic and foreign design rights, trademarks, trade secrets and copyrights in such ideas.

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.

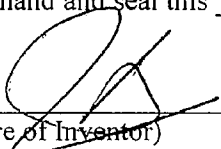
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for 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.

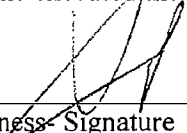
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANIES, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, 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.

WITNESSED:

IN WITNESS WHEREOF I, **Kamal Babour**, have hereunto set my hand and seal this 8<sup>th</sup> day  
of July, 2008.

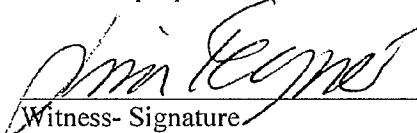
  
\_\_\_\_\_  
(Signature of Inventor)

BE IT KNOWN that **Kamal Babour** is to me known to be the individual described in the foregoing assignment, that on the aforementioned date, I was personally present and did see him/her sign and execute the foregoing assignment; and, that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

  
\_\_\_\_\_  
Witness- Signature

Patrick PERCIOT  
\_\_\_\_\_  
Witness- Printed Name

THOMAS HEFTYES GATE 45B  
0267 OSLO  
NORWAY  
\_\_\_\_\_  
Post Office Address

  
\_\_\_\_\_  
Witness- Signature

LWA TEGNER  
\_\_\_\_\_  
Witness- Printed Name

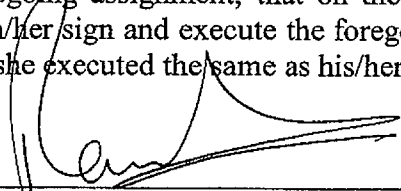
SOLBRÅVEIEN 23  
1372 ASKER  
NORWAY  
\_\_\_\_\_  
Post Office Address

WITNESSED:

IN WITNESS WHEREOF I, **Leendert Combee**, have hereunto set my hand and seal this 7 day of August, 2008.

  
(Signature of Inventor)

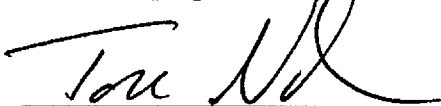
BE IT KNOWN that **Leendert Combee** is to me known to be the individual described in the foregoing assignment, that on the aforementioned date, I was personally present and did see him/her sign and execute the foregoing assignment; and, that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

  
Witness- Signature

Ravi Mydur  
Witness- Printed Name

SOLBRAVEIEN 23, 1372-ASKER

Post Office Address

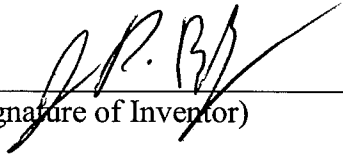
  
Witness- Signature

Tore Nilsew  
Witness- Printed Name

SOLBRAVEIEN 23 1372-ASKER

Post Office Address

IN WITNESS WHEREOF I, **James P. Brady**, have hereunto set my hand and seal this  
7 day of August, 2008.

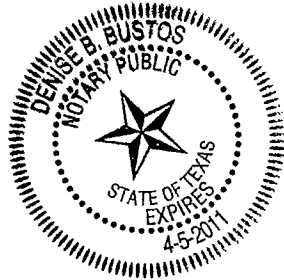
  
\_\_\_\_\_  
(Signature of Inventor)

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 7<sup>th</sup> day of Aug, 2008, personally appeared **James P. Brady**, 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.


Seal



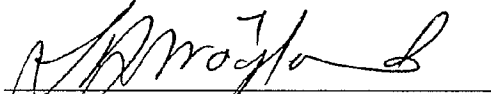
  
\_\_\_\_\_  
Notary Public

WITNESSED:

*MM*  
IN WITNESS WHEREOF I, *MM* Martin ~~X~~ Howlid, have hereunto set my hand and seal this  
7 day of JULY, 2008.

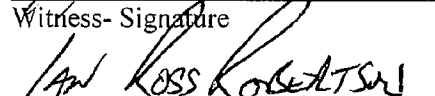
*MM*  
  
(Signature of Inventor)

BE IT KNOWN that Martin ~~X~~ Howlid is to me known to be the individual described in the foregoing assignment, that on the aforementioned date, I was personally present and did see him/her sign and execute the foregoing assignment; and, that he/she did acknowledge to me that he/she executed the same as his/her free act and deed for the uses and purposes therein set forth.

  
Witness- Signature

LINDA D. FRØYLAND  
Witness- Printed Name

ØURE STORVATE 103  
3018 DRAMMEN  
NORWAY  
Post Office Address

  
Witness- Signature

JAN ROSS ROBERTSEN  
Witness- Printed Name

SJØDALSVÆGEN 4  
3475 SAETRE  
HURUM NORWAY  
Post Office Address



**Schedule A**  
**“APPLICATIONS”**

<b>Filing Date</b>	<b>Application No.</b>	<b>Title</b>
03-JUN-2008	12/132,534	SENSOR CABLE FOR ELECTROMAGNETIC SURVEYING

**Schedule B**  
**“COMPANIES”**

**WESTERNGECO, L.L.C.**

Corporation of: Delaware, USA

Located at: 10001 Richmond Avenue, Houston, Texas 77042-4299, USA

Assignee for applications in: The United States of America

**SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

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

Assignee for applications in: Canada

**GECO TECHNOLOGY B.V.**

Corporation of: The Netherlands

Located at: Gevers Deynootweg 61, 2586 BJ S Gravenhage, The Netherlands

Assignee for applications in: Albania, Algeria, Angola, Argentina, Australia, Austria, Azerbaijan, Brazil, Brunei, Bulgaria, China, Colombia, Czech Republic, Denmark, Ecuador, Egypt, Eurasia, Europe, Faroe Islands, France, Germany, Greece, Gulf Cooperation Council, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Kazakhstan, Korea, Kuwait, Lithuania, Malaysia, Mexico, The Netherlands, New Zealand, Nigeria, Norway, Oman, Pakistan, Poland, Qatar, Romania, Russia, Saudi Arabia, Singapore, Slovakia, Slovenia, South Africa, Spain, Thailand, Trinidad, Tunisia, Turkey, Turkmenistan, Ukraine, United Arab Emirates, United Kingdom, Uzbekistan, Venezuela, Vietnam, and Rest of World