

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joerg H Meyer	12/12/2007
Annabelle Kania	12/12/2007
Mark Egan	12/12/2007
Andrew Hawthorn	12/10/2007

RECEIVING PARTY DATA

Name:	WesternGeco, L.L.C.
Street Address:	1001 Richmond Avenue
City:	Houston
State/Country:	TEXAS
Postal Code:	77042

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11957274

CORRESPONDENCE DATA

Fax Number: (713)980-9882
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Email: ari.pramudji@pwtlaw.com
 Correspondent Name: Ari Pramudji
 Address Line 1: 1800 Bering Drive, Suite 540
 Address Line 4: Houston, TEXAS 77057

ATTORNEY DOCKET NUMBER:	594-25632(WGEC0102)
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NAME OF SUBMITTER:	Ari Pramudji
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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

JOERG H. MEYER, a citizen of Germany, residing at 8206 Mallie Court, Houston, Texas 77055 USA

ANNABELLE KANIA, a citizen of the United States of America, residing at 6311 Cannon Knoll, Houston, Texas 77084 USA

MARK EGAN, a citizen of the United States of America, residing at 2030 Woodstream Boulevard, Sugar Land, Texas 77479 USA

ANDREW HAWTHORN, a citizen of the United Kingdom, residing at 5002 Cypress Spring Drive, Missouri City, Texas 77459 USA

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

SYSTEM FOR OPTIMIZING WELL PLACEMENT BY REAL TIME 3D SUBSURFACE IMAGING AND CHARACTERIZATION

(WesternGeco Docket No. 594-25632-US) and 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.

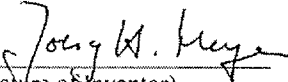
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same,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

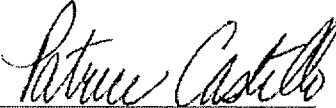
AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful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

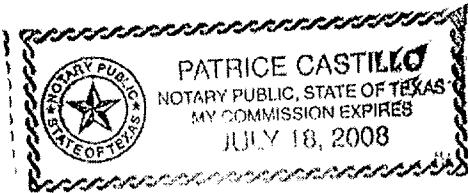
IN WITNESS WHEREOF I, **JOERG H. MEYER**, have hereunto set my hand and seal this
12 day of December, 2007.


(Signature of Inventor)

BEFORE ME this 12 day of December, 2007, personally appeared **JOERG H. MEYER**, 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.

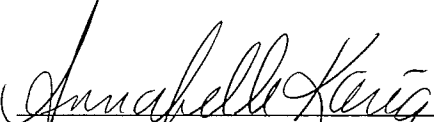

Notary Public

Seal



WITNESSED:

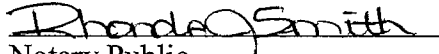
IN WITNESS WHEREOF I, **ANNABELLE KANIA**, have hereunto set my hand and seal this 12th day of December, 2007.


(Signature of Inventor)

BEFORE ME this 12th day of December, 2007, personally appeared **ANNABELLE KANIA**, 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.

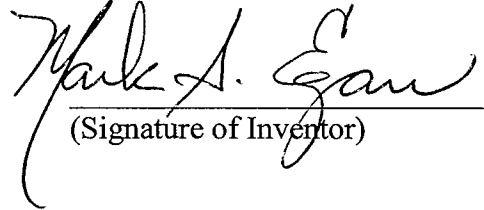
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Notary Public

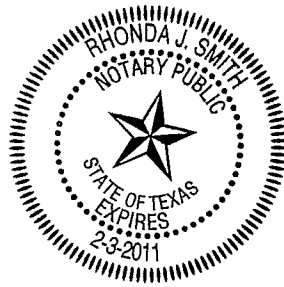
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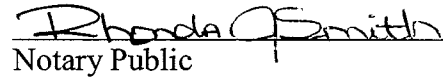
IN WITNESS WHEREOF I, **MARK EGAN**, have hereunto set my hand and seal this 12th day
of December, 2007.


(Signature of Inventor)

BEFORE ME this 12th day of December, 2007, personally appeared **MARK EGAN**, 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.

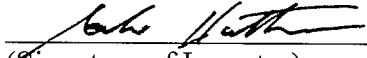
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Notary Public

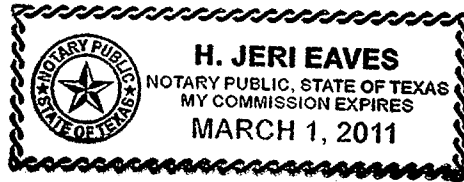
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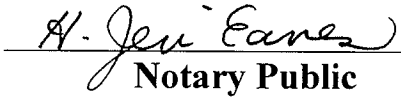
IN WITNESS WHEREOF I, **ANDREW HAWTHORN**, have hereunto set my hand and seal
this 10th day of December, 2007.


(Signature of Inventor)

BEFORE ME this 10th day of December, 2007, personally appeared **ANDREW HAWTHORN**, 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

Schedule A
“APPLICATIONS”

Filing Date	Application No.	Title
		Optimizing Drilling Operations Using Petrotechnical Data

Schedule B
“COMPANIES”

WESTERNGECO, L.L.C.

Corporation of: Delaware, USA

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

Assignee for applications in: The United States of America

SCHLUMBERGER CANADA LIMITED

Corporation of: Canada

Located at: 525 – 3rd 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