

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	ASSIGNMENT
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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Craig J. Beasley	09/11/2007
Phil Kitchenside	09/04/2007
Nicolae Moldoveanu	09/11/2007

<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	WesternGeco, L.L.C.
<b>Street Address:</b>	10001 Richmond Avenue
<b>City:</b>	Houston
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77042

<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11853592

<b>CORRESPONDENCE DATA</b>	
Fax Number:	(713)689-1977
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	713-689-2747
Email:	rsmith31@slb.com
Correspondent Name:	Rhonda J. Smith
Address Line 1:	10001 Richmond Avenue
Address Line 4:	Houston, TEXAS 77042

ATTORNEY DOCKET NUMBER:	594-25627-US
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NAME OF SUBMITTER:	Liangang (Mark) Ye
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Total Attachments: 6  
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## Assignment

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

**CRAIG J. BEASLEY**, citizen of the United States, residing at 5 Patrick Court, Houston, Texas 77024, United States;

**PHIL KITCHENSIDE**, citizen of the United Kingdom, residing at 18 Starts Close, Orpington, Kent BR6 8NU, United Kingdom;

and,

**NICOLAE MOLDOVEANU**, citizen of Canada, residing at 4611 Green Trail Drive, Houston, Texas 77084, United States;

Has/have invented certain new and useful improvements in  
"Data Acquisition and Processing Method for Multiple Simultaneous Sources," filed on September 11, 2006 as a U.S. provisional application Serial No. 60/825,154; and

**MIGRATING COMPOSITE SEISMIC RESPONSE DATA TO PRODUCE A REPRESENTATION OF A SEISMIC VOLUME**

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on 9/11/07, Serial No. 11/853,592 (Docket No. 594-25627-US).

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.

WITNESSED:

IN WITNESS WHEREOF I, **CRAIG J. BEASLEY**, have hereunto set my hand and seal this 11th day of September, 2007.



(Signature of Inventor)

STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 11th day of September 2007, personally appeared **CRAIG J. BEASLEY**, 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



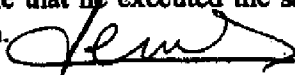
Rhonda J. Smith  
Notary Public

WITNESSED:


IN WITNESS WHEREOF I, **PHIL KITCHENSIDE**, have hereunto set my hand and seal this  
4<sup>th</sup> day of September, 2007.

P Kitchenside  
(Signature of Inventor)

BE IT KNOWN that **PHIL KITCHENSIDE** is to me known to be the individual described in the foregoing assignment, that on this 4<sup>th</sup> day of September, 2007, 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.

  
M. K. ZEROUK  
Witness

35 BEEDING AVENUE  
HOVE E. SUSSEX  
BN3 8GS  
Post Office Address

  
MALCOLM BRASH  
Witness

1 MAGNOLIA DRIVE  
BIGGIN HILL  
WESTERHAM, KENT  
ENGLAND TN16 3SN  
Post Office Address

WITNESSED:

IN WITNESS WHEREOF, NICOLAE MOLDOVEANU, have hereunto set my hand and seal  
this 11<sup>th</sup> day of September, 2007.

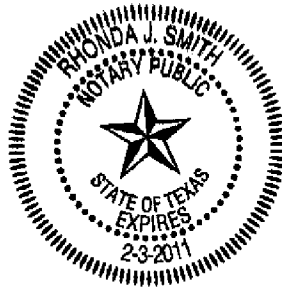
  
\_\_\_\_\_  
(Signature of Inventor)


STATE OF TEXAS

COUNTY OF HARRIS

BEFORE ME this 11<sup>th</sup> day of September 2007, personally appeared NICOLAE  
MOLDOVEANU, 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**  
**“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 – 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