

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																								
NATURE OF CONVEYANCE:	ASSIGNMENT																								
CONVEYING PARTY DATA																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; text-align: center; padding: 5px;">Name</td> <td style="width: 20%; text-align: center; padding: 5px;">Execution Date</td> </tr> <tr> <td style="padding: 5px;">WesternGeco L.L.C.</td> <td style="padding: 5px;">05/18/2009</td> </tr> </table>	Name	Execution Date	WesternGeco L.L.C.	05/18/2009																					
Name	Execution Date																								
WesternGeco L.L.C.	05/18/2009																								
RECEIVING PARTY DATA																									
Name:	WesternGeco L.L.C.																								
Street Address:	10001 Richmond Ave																								
Internal Address:	IP Dept-Jeff Griffin																								
City:	Houston																								
State/Country:	TEXAS																								
Postal Code:	77042																								
PROPERTY NUMBERS Total: 11																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%; text-align: center; padding: 5px;">Property Type</th> <th style="width: 30%; text-align: center; padding: 5px;">Number</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">60869849</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">11687265</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">11638861</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">11687288</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">11638877</td></tr> <tr><td style="padding: 5px;">Application Number:</td><td style="padding: 5px;">11567206</td></tr> <tr><td style="padding: 5px;">PCT Number:</td><td style="padding: 5px;">US0786212</td></tr> <tr><td style="padding: 5px;">PCT Number:</td><td style="padding: 5px;">US0786213</td></tr> <tr><td style="padding: 5px;">PCT Number:</td><td style="padding: 5px;">US0855982</td></tr> <tr><td style="padding: 5px;">PCT Number:</td><td style="padding: 5px;">US0786214</td></tr> <tr><td style="padding: 5px;">PCT Number:</td><td style="padding: 5px;">US0786211</td></tr> </tbody> </table>	Property Type	Number	Application Number:	60869849	Application Number:	11687265	Application Number:	11638861	Application Number:	11687288	Application Number:	11638877	Application Number:	11567206	PCT Number:	US0786212	PCT Number:	US0786213	PCT Number:	US0855982	PCT Number:	US0786214	PCT Number:	US0786211	
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PCT Number:	US0786214																								
PCT Number:	US0786211																								
CORRESPONDENCE DATA																									
Fax Number: (713)689-1977 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																									

CH \$440.00 60869849

**500865684**

**PATENT**  
**REEL: 022716 FRAME: 0001**

Phone:	7136896265
Email:	lgoldsmith@slb.com
Correspondent Name:	WesternGeco LLC
Address Line 1:	10001 Richmond Ave
Address Line 2:	IP Dept-Jeff Griffin
Address Line 4:	Houston, TEXAS 77042

ATTORNEY DOCKET NUMBER:	53 SERIES
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NAME OF SUBMITTER:	Liangang (Mark) Ye
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**Total Attachments: 6**

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## ASSIGNMENT

This Assignment, effective on the date set out hereafter, between the parties listed below:

**WesternGeco L. L. C.**, of 10001 Richmond Avenue, Houston, Texas 77042-4299, USA  
(a US company);

**Schlumberger Canada Limited**, of 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, CA T2P  
0G4 (a Canadian company);

**Services Pétroliers Schlumberger**, of 42, rue Saint Dominique, 75007 Paris, France (a  
French company); and

**WesternGeco Seismic Holdings, Ltd**, of Citco Building, P.O. Box 662, Road Town, Tortola,  
British Virgin Islands (a corporation of the British Virgin Islands)  
(hereinafter called "the Assignors") of the one part

and

**WesternGeco L. L. C.**, of 10001 Richmond Avenue, Houston, Texas 77042-4299, USA  
(a US company);

**Schlumberger Canada Limited**, of 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, CA T2P  
0G4 (a Canadian company);

**Geco Technology B.V.**, of Gevers Deynootweg 61, 2586 BJ, s Gravenhage, Netherlands  
(a Dutch company),  
(hereinafter called "the Assignees") of the other part

Whereas the Assignors are the applicants/owners for the Patent Applications in Schedule  
"A",

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the  
undersigned Assignors, 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 Assignees, their successors and

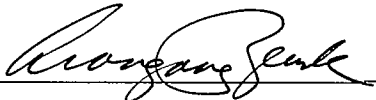
assigns, the entire right, title and interest throughout the world, in and to the inventions or improvements described or set forth in Patent Applications in Schedule "A", in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based 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 inventions or improvements; and entire right, title and interest in all the intellectual property in the inventions including, but not limited to, any and all ideas, discoveries, writings (including software and its source code) and improvements in the inventions, together with any and all domestic and foreign design rights, trademarks, trade secrets and copyrights in such ideas.

AND said Assignors 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 Assignees, 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 Assignees, their successors and assigns.


The Assignees declare to accept the assignment in its terms.

The effective date of this assignment is January 1, 2009.

## ASSIGNORS:


SIGNED by  on May 18, 2009  
Name: Liangang (Mark) Ye  
Title: Attorney-in-Fact  
on behalf of WesternGeco L. L. C.

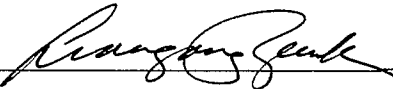
SIGNED by  on APRIL 24, 2009  
Name: Wayne Kanak  
Title: Attorney-in-Fact  
on behalf of Schlumberger Canada Limited


SIGNED by  on APRIL 24, 2009  
Name: Wayne Kanak  
Title: Attorney-in-Fact  
on behalf of Services Petroliers Schlumberger

SIGNED by  on APRIL 24, 2009  
Name: Wayne Kanak  
Title: Attorney-in-Fact  
on behalf of WesternGeco Seismic Holdings Ltd.

## ASSIGNEES:

SIGNED by  on 5/18/2009  
Name: Liangang (Mark) Ye  
Title: Attorney-in-Fact  
on behalf of WesternGeco L. L. C.

SIGNED by  on 5/18/2009  
Name: Liangang (Mark) Ye  
Title: Attorney-in-Fact  
on behalf of Schlumberger Canada Limited

SIGNED by  on 5/18/2009  
Name: Liangang (Mark) Ye  
Title: Attorney-in-Fact  
on behalf of Geco Technology B.V.

**Schedule “A”**  
**“APPLICATIONS”**

Docket Number	Type	Filing Date	Application No. (Patent No)
53.0051	US-PRO	13/DEC/2006	60/869849
53.0051	US	16/MAR/2007	11/687265
53.0051	PCT	02/DEC/2007	PCT/US2007/086212
53.0052	US	14/DEC/2006	11/638861(now 7382683)
53.0052	PCT	02/DEC/2007	PCT/US2007/086213
53.0059	US	16/MAR/2007	11/687288
53.0059	PCT	06/MAR/2008	PCT/US2008/055982
53.0060	US	14/DEC/2006	11/638877 (now 7499374)
53.0060	PCT	02/DEC/2007	PCT/US2007/086214
53.0063	US	05/DEC/2006	11/567206
53.0063	PCT	02/DEC/2007	PCT/US2007/086211

**Schedule "B"**  
**ASSIGNEES**

**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