PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Schlumberger Technology Corporation	04/23/2009

RECEIVING PARTY DATA

Name:	WesternGeco L. L. C.		
Street Address:	10001 Richmond Avenue		
Internal Address:	IP Dept- Jeff Griffin		
City:	Houston		
State/Country:	TEXAS		
Postal Code:	77042		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11548905

CORRESPONDENCE DATA

Fax Number: (713)689-1977

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7136896262

Email: Igoldsmith@slb.com

Correspondent Name: WesternGeco L. L. C.

Address Line 1: 10001 Richmond avenue

Address Line 2: IP Dept- Jeff Griffin

Address Line 4: Houston, TEXAS 77042

ATTORNEY DOCKET NUMBER: 23.0674-US

NAME OF SUBMITTER: Liangang (Mark) Ye

Total Attachments: 5

source=23.0674, 20090409, signed Assignment-2, STC et al to WGLLC, SCL, GTBV#page1.tif source=23.0674, 20090409, signed Assignment-2, STC et al to WGLLC, SCL, GTBV#page2.tif

PATENT

REEL: 022585 FRAME: 0388

00.04¢ II

500842005

source=23.0674, 20090409, signed Assignment-2, STC et al to WGLLC, SCL, GTBV#page3.tif source=23.0674, 20090409, signed Assignment-2, STC et al to WGLLC, SCL, GTBV#page4.tif source=23.0674, 20090409, signed Assignment-2, STC et al to WGLLC, SCL, GTBV#page5.tif

PATENT REEL: 022585 FRAME: 0389

ASSIGNMENT

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

PRAD Research and Development Limited (formerly known as PRAD Research and Development N.V.), of De Ruyterkade 62, Willemstad, Curacao, Netherland Antilles (a Netherland Antilles company);

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

Schlumberger Holdings Limited, of PO Box 71 Craigmuire Chambers, Roadtown, Tortola, British Virgin Islands (a British Virgin Islands company);

Schlumberger Technology Corporation, of 110 Schlumberger Drive, Sugar Land, TX 77478 US, (a US company);

Schlumberger Technology B.V., of Parkstraat 83-89, 2514 JG, The Hague, Netherlands (a Dutch company); and

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

(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 525-3rd 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",

PATENT REEL: 022585 FRAME: 0390

Attorney Docket Number 23.0674

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.

PATENT

REEL: 022585 FRAME: 0391

3

SIGNED by

Name:

Liangang (Mark) Ye

Title:

Attorney-in-Fact

on behalf of Schlumberger Technology Corporation

SIGNED by

Name:

Brian Stevens

Title:

Attorney-in-Fact

on behalf of Schlumberger Technology B.V.

SIGNED by

Name:

Brian Stevens

Title:

Attorney-in-Fact

on behalf of Services Petroliers Schlumberger

on 21/04/2009

ASSIGNEES:

SIGNED by

Name:

Liangang (Mark) Y

Title:

Attorney-in-Fact on behalf of WesternGeco L. L. C.

SIGNED by

Name:

Liangang (Mark)

Title:

Attorney-in-Fact

on behalf of Schlumberger Canada Limited

SIGNED by

Name:

Liangang (Mark) Ye

Title: Attorney-in-Fact

on behalf of Geco Technology B.V.

Schedule "A" "APPLICATIONS"

Docket Number	Туре	Filing Date	Application No. (Patent No)
23.0674	US	12/OCT/2006	11/548905
23.0674	PCT	06/JUN/2007	PCT/US2007/070474

PATENT REEL: 022585 FRAME: 0393

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 – 3rd Avenue S.W., Calgary, Alberta, T2P 0G4 Canada

Assignee for applications in: Canada

GECO TECHNOLOGY B.V.

<u>Corporation of:</u> The Netherlands

<u>Located at:</u> 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

PATENT RECORDED: 04/23/2009 REEL: 022585 FRAME: 0394