PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jon M. Sorli	05/04/2004

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:	12267316

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Ari Pramudii

Total Attachments: 1

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PATENT REEL: 021807 FRAME: 0453

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to WesternGeco L.L.C. (the "Assignee"), a corporation of Delaware, having a place of business at 10001 Richmond Avenue, Houston, Texas 77042 U.S.A., the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled, "METHOD AND APPARATUS FOR POSITIONING A CENTER OF A SEISMIC SOURCE," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

RECORDED: 11/10/2008

1

PATENT REEL: 021807 FRAME: 0454