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U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0027 (exp. 5/31/2002)

594-14992

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

AMBS, Loran D.  
5103 Firethorne Court  
Fairfax, VA 22030Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 12/19/01

## 2. Name and address of receiving party(ies)

Name: WesternGeco, L.L.C.

Internal Address: P.O. Box 2469

Houston, Texas 77252-2469, U.S.A.

Street Address: 10001 Richmond Avenue

City: Houston State: TX Zip: 77042

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 09/727,273  
Filed 11/29/00

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: David S. Figatner

Internal Address: WesternGeco

P.O. Box 2469

Houston, TX 77252-2469

Street Address: 10001 Richmond Avenue

City: Houston State: TX Zip: 77042

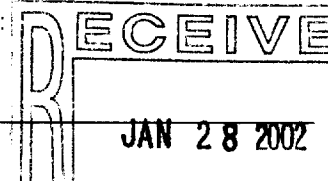
## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1720



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## 9. Signature.

David S. Figatner

Name of Person Signing

x

Signature

1/2/01  
Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

02/08/2002 TDI A21 00000185 501720 09727273

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PATENT  
REEL: 012549 FRAME: 0289

**ASSIGNMENT**


WHEREAS, I, the undersigned, **LORAN D. AMBS**, have made a certain invention for "**INTEGRATED MARINE SEISMIC SOURCE AND METHOD**" described in the application papers for United States Letters Patent filed with the United States Patent and Trademark Office on November 29, 2000 and assigned serial no. 09/727,273, and

WHEREAS, **WesternGeco, L.L.C.**, sometimes hereinafter referred to as "said assignee", having a place of business at 10001 Richmond Avenue, Houston, Texas 77042-4299, is desirous of acquiring the entire and exclusive right, title and interest in and to said invention, any and all patent applications which may be filed thereon, and any and all Letters Patent which may be granted or issued therefor in the United States and throughout the world, including any and all divisions, continuations, reissues and extensions of any of the foregoing;

NOW, THEREFORE, for and in consideration of the sum of One (1) U.S. Dollar and No Cents, and of other good and valuable considerations, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I do hereby sell, assign, transfer and set over unto the said assignee, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, patent applications and Letters Patent which may be granted or issued for said invention in the United States and throughout the world, including all divisions, continuations, reissues and extensions thereof, and all international priority rights associated therewith, all to be held and enjoyed as fully and completely as the same might have been held by me had this assignment not been made, and I hereby authorize and request the Commissioner of Patents of the United States and the duly constituted authorities of foreign countries to issue all Letters Patent relating to the foregoing assigned rights to said assignee, its successors and assigns.

I agree that I will promptly, upon request, and without further compensation, but at no out-of-pocket cost or expense to me, do all lawful acts including the execution of all necessary documents, and the giving of testimony that in the opinion of the said assignee, its successors and assigns may be necessary or desirable for obtaining, sustaining, or reissuing United States and foreign Letters Patents relating to the foregoing assigned rights, and for perfecting, affirming, recording, and maintaining the title of said assignee, its successors and assigns thereto, and that I will generally cooperate to the fullest extent in all matters pertaining to said invention and patents, and said assignee's title thereto.

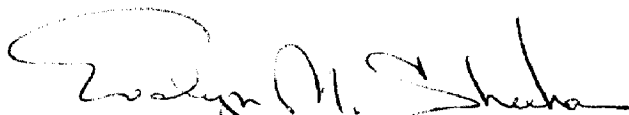
IN WITNESS WHEREOF, I have executed this instrument on the date indicated below.

  
\_\_\_\_\_  
LORAN D. AMBS  
DATE 19 Dec '01  
STATE OF Virginia  
COUNTY OF Fairfax

§  
§  
§

On this 19th day of December, 2001,  
before me, the undersigned, a Notary Public in and for said State, personally appeared **LORAN D. AMBS**, known to me to be the person whose name is subscribed to on the above Assignment, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal.

  
\_\_\_\_\_  
NOTARY PUBLIC