

03-10-2003



FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

RECORD

U.S. Department of Commerce Patent And Trademark Office

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

1. Name of conveying party(ies): James MacDonald Smith
Additional name(s) of conveying party(ies) attached? Yes No

3-7-03

2. Name and address of receiving party(ies): Name: WesternGeco L.L.C. Internal Address: Street Address: 10001 Richmond Avenue City: Houston State: TX Zip: 77042

3. Nature of conveyance: X Assignment Merger Security Agreement Change of Name Other
Execution Date: February 25, 2003

4. Application number(s) or registration number(s): 10/293,233, filed November 13, 2003
If this document is being filed together with a new application, the execution date of the application is: (Date of Filing)
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: William B. Patterson Internal Address: Moser, Patterson & Sheridan, L.L.P. Street Address: 3040 Post Oak Blvd., Suite 1500 City: Houston State: TX Zip: 77056-6582

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. 3.41) \$ 40.00 Enclosed X Authorized to be charged to deposit account 20-0782/WGEC/0007/WBP
8. Deposit account number: 20-0782/WGEC0007/WBP

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
William B. Patterson, Reg. No. 34,102
Name of Person Signing Signature Date 22 Feb 2003

Total number of pages including cover sheet, attachments and document: 2

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

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J:\FORMS\272 (AUGUST 20, 1993)

PATENT REEL: 013812 FRAME: 0171

ASSIGNMENT

WHEREAS, I/WE, the undersigned, James MacDonald Smith, have made a certain invention for "COMPOSITE BANDWIDTH MARINE VIBROSEIS ARRAY" described in the application papers for United States Letters Patent filed with the United States Patent and Trademark Office, 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 U.S.A., 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 Patents 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 of other good and valuable considerations, the receipt and sufficiency of which is 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 Patents 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 Patents 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.

James M. Smith
James MacDonald Smith

DATE 2/25/03

STATE OF Texas

COUNTY OF Harris

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§

On this 25th day of February, 2003, before me, the undersigned, a Notary Public in and for said State, personally appeared James M. Smith, 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.

Linda Lou Sowell
NOTARY PUBLIC

