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RECORDATION



COMMERCE Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Compagnie Generale De Geophysique	Name: INSTITUT FRANÇAIS DU PETROLE
Additional name(s) of conveying party(ies) attached?	Internal Address:
3. Nature of conveyance:	Street Address: 1 & 4, avenue de Bois Préau
Assignment	City: 92852 Rueil-Malmaison cedex Country: France
☐ Security Agreement ☐ Change of Name	
Li Other Execution Date: May 26, 1999	Additional name(s) & address(es) attached? Yes X 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. U.S. Patent Application Serial No. 08/365,687; and	B. Patent No. 5,635,685, Iss. June 3, 1997 (U.S. Serial No. 08/505,163, filed August 10, 1995)
Additional numbers attached? Yes 🙀 No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 2
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$80.00
Internal Address:	Enclosed
	Any deficiencies may be charged to deposit account Authorized to be charged to deposit account
Street Address: 1300 North Seventeenth Street Suite 1800	8. Deposit account number: 01-2135
City: Arlington State: Virginia Zip: 22209	(Attach duplicate copy of this page if paying by deposit account)
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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.	
Donald E. Stout Name of Person Signing Attorney Registration No. 26,422 Total number of pages including cover sheet, attachments, and document: 3	
OMB No. 0651-0011 (exp. 4/94)	
7/30/1999 DNGUYEN 00000268 5635685	
FC:581 80.00 @P	

ASSIGNMENT

WHEREAS, COMPAGNIE GENERALE DE GEOPHYSIQUE, a corporation creating and existing under the laws of France and having its place of business at 1, rue Léon Migaux, 91341 Massy Cedex, France, is the co-owner with Institut Français du Pétrole of the entire right in and to the U.S. applications listed in Schedule A and of the invention therein described; and

WHEREAS, INSTITUT FRANÇAIS DU PETROLE a corporation of France, with a place of business at 1 & 4 avenue de Bois Préau, 92852 Rueil Malmaison Cedex, France, is desirous of acquiring the entire right, title and interest in and to the said inventions within the United States of America and its territorial possessions and any United Stated Patents that may be granted therefor and in and to said application;

NOW, THERFORE, in consideration of the sum of One Dollar (\$ 1.00) paid by INSTITUT FRANÇAIS DU PETROLE to COMPAGNIE GENERALE DE GEOPHYSIQUE and other good and valuable considerations, the receipt of which is hereby acknowledged, COMPAGNIE GENERALE DE GEOPHYSIQUE has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto said INSTITUT FRANÇAIS DU PETROLE, the entire right, title and interest in and to said inventions within the United Stated of America and its territorial possessions and in and to any United States Letters patent that may be granted therefor and in and to the said applications and in and to any and all divisions, reissues, continuations and extensions thereof and in and to any Letters Patent to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by INSTITUT FRANÇAIS DU PETROLE for its own use and enjoyment and for use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letter Patent may be granted as fully and entirely as the same would have been held enjoyed by COMPAGNIE GENERALE DE GEOPHYSIQUE, if this assignment, transfer and sale had not be made.

COMPAGNIE GENERALE DE GEOPHYSIQUE

By Bourgeois Catherine

Title Administration and Palents Rights Maragon

Dougeois

Dated May 26th 1999

PATENT REEL: 010121 FRAME: 0481

SCHEDULE A

U.S. Serial No. 365,687 - NAVILLE et al - filed December 29, 1994

U.S. Serial No. 505.163 - TIERCE et al - filed August 10, 1995

PATENT REEL: 010121 FRAME: 0482