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Docket No.: 612.39353X

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U.S. DEPARTMENT OF  
COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents at

101636723

1 original documents or copy thereof.

1. Name of conveying party(ies):

(1) Sophie BALAVEN, (2) Jean-Daniel BOISSONNAT,  
(3) Chakib BENNIS, and (4) Sylvain SARDA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 12, 2001

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

Name: INSTITUT FRANÇAIS DU PETROLE

Internal Address:

Street Address: 1 & 4, avenue de Bois Préau

City: 92852 Rueil-Malmaison cedex Country: France

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. U.S. Patent Application Serial No. 09/727,452,  
filed December 4, 2000

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street  
Suite 1800

City: Arlington State: Virginia Zip: 22209

6. Total number of applications and patents involved: 1

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

☒ Enclosed

☒ Any deficiencies may be charged to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number: 01-2135

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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

Signature

March 6, 2001

Date

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

OMB No. 0651-0011 (exp. 4/94)

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PATENT  
REEL: 011570 FRAME: 0933

## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to **INSTITUT FRANÇAIS DU PETROLE**

of **1 & 4, avenue de Bois Préau, 92852 Rueil-Malmaison cedex, France**

its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

**METHOD OF GENERATING A GRID ON A HETEROGENEOUS FORMATION CROSSED BY ONE OR MORE GEOMETRIC DISCONTINUITIES IN ORDER TO CARRY OUT SIMULATIONS**

invented by me (if only is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed by me even date herewith and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said **INSTITUT FRANÇAIS DU PETROLE**, its successors, assigns or other legal representatives, to the full end of the term for which said Letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to basic issue fee said Letters Patent to said **INSTITUT FRANÇAIS DU PETROLE**

(Full Name)

(Signature)

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