OIPE	Docket No.: 612.38744X00					
NOV 0 7 2001 RECORI	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office					
To the Honorable Commissioner and attents and 1. 101895070 attents or copy thereof.						
<ol> <li>Name of conveying party(ies):         <ul> <li>(1) Axelle BARONI,</li> <li>(2) Claude BEAUDUCEL, and</li> <li>(3) Georges CONSTANTINOU</li> </ul> </li> <li>Additional name(s) of conveying party(ies) attached?  Yes No</li> </ol>	Name and address of receiving party(ies):     Name: INSTITUT FRANÇAIS DU PETROLE     Internal Address:					
3. Nature of conveyance:  Assignment	Street Address: 1 & 4 avenue de Bois Préau  City: 92852 Rueil-Malmaison cedex Country: France  Additional name(s) & address(es) attached?  Yes No					
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, t</li> <li>A. Patent Application No.(s) 09/616,065,</li> <li>filed July 13, 2000</li> </ul>	he execution date of the application is:  B. Patent No.(s)					
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: 1					
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	7. Total fee (37 CFR 3.41)\$40.00					
Internal Address:	Credit Card Payment Form  Any deficiencies may be charged to deposit account  Authorized to be charged to deposit account					
Street Address: 1300 North Seventeenth Street Suite 1800	Deposit account number: 01-2135  (Attach duplicate copy of this page if paying by deposit account)					
City: Arlington State: Virginia Zip: 22209	(Attach daphene copy of and page in paying of deposit deceany					
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9. Statement and signature.  To the best of my knowledge and belief, the foregoing info of the original document.  Donald E. Stout  Name of Person Signing  Signature	November 7, 2001  Date					
Attorney Registration No. 26,422	Total number of pages including cover sheet, attachments, and document: 2					
, OMB No. 0651-0011 (exp. 4/94)						
11/08/2001 MW0LDER2 00000057 09616065 01 FC:581 40.00 0P	DATENT					

REEL: 012298 FRAME: 0540

## 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

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RECORDED: 11/07/2001

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, 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  ${\tt INSTITUT}$  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, continui 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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**PATENT** REEL: 012298 FRAME: 0541