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5/31/2002) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereo Name of conveying party(ies): 2. Name and address of receiving party(ies) PEYSSON, YANNICK Name: INSTITUT FRANÇAIS DU PETROLE HERZAFT, BENJAMIN Internal Additional name(s) of conveying party(ies) attached?

Yes

No Address: 1 & 4, avenue de Bois Preau, 92852 Rueil-Malmaison cedex, France Street Address: City: ____ State: 3. Nature of conveyance: _Zip: ____ Other ☐ Merger ☐ Change of Name Security Agreement Additional name(s) & address(es) attached? ☐ Yes ☒ No ☐ Other _____. Execution Date: October 11, 2001. 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: October 11, 2001. A. Patent Application No.(s) B. Patent Registration No.(s) Additional number(s) attached 🔲 Yes 🗵 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41)..... \$40.00 Name: Antonelli, Terry, Stout & Kraus, LLP Internal Address: Authorized to be charged to deposit account 1300 North Seventeenth Street **Suite 1800** 8. Deposit account number: Arlington, VA 22209 **USA** 01-2135 City: State: Zip: (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. November 6, 2001 Donald E. Stout Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2

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> PATENT REEL: 012299 FRAME: 0663

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 DETERMINING THE THERMAL PROFILE OF A DRILLING FLUID IN A WELL

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 on 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**

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PATENT REEL: 012299 FRAME: 0664

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