11-07-2006

U.S. DEPARTMENT OF COMMERCE

Form PTO-1595 (Rev. 10/02) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2005) Attorney Docket No. 612.46371X00 103333443 — The attached original documents or copy thereof. To the Honorable Comprisioner of Name of conveying partities): Arnaud BAUDOT 2. Name and address of receiving party(ies) Renaud CADOURS Name: INSTITUT FRANCAIS DU PETROLE Raphael HUYGHE Elsa JOLIMAITRE Pascal MOUGIN **Eszter TOTH** Street Address: 1 et 4, avenue de Bois Preau. 92852 Rueil Malmaison Cedex, Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance/ Execution Date: August 29, 2006; August 28, 2006; August 28, 2006; September 5, 2006; October 23, 2006; September 5, 2006. ☐ Security Agreement ☐ Change of Name Joint Research Agreement ☐ Government Interest Assignment □ Executive Order 9424, Confirmatory License Other. Additional name(s) & address(es) attached?

Yes

No 4. Application number(s) or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent Registration No.(s) 11/483,742 Additional number(s) attached Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved concerning document should be mailed: 7. Total fee (37 CFR 3.41)..... Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Authorized to be charged by credit card Authorized to be charged to deposit account Internal Address: ■ None required (government interest not affecting title) 1300 NORTH 17TH STREET - SUITE 1800 8. Payment Information: a. Credit Card Last 4 numbers: 1024 City: ARLINGTON State: VA Zip 22209 Expiration date: 06/10 Phone Number: (703) 312-6600 b. Deposit account number: 01-2135 Facsimile Number: (703) 312-6666 Email Address: email@antonelli.com Authorized User Name: DO NOT USE THIS SPACE To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy 9. Statement and signature. is a true copy of the original document. 11/2/06 Alan E. Schiavelli, Reg#32,087 Date Signature Name of Person Signing

> Total number of pages including cover sheet, attachments, and document: 2 Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

> > 11/03/2006 MBERHE

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ASSIGNMENT

ATTY. DOCKET NO .: 612.46371X00

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

METHOD FOR ELIMINATING THE CARBONYL SULFIDE CONTAINE IN A LIQUID HYDROCARBON STREAM.

for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

for which U.S. Application Serial No. for Letters Patent was filed in the U.S. Patent and Trademark Office on July 11, 11/483.742

for which an International Application was filed

, designating the United States.

AND WHEREAS

INSTITUT FRANCAIS DU PETROLE

1 & 4 avenue de Bois-Préau,, 92852 RUEIL MALMAISON CEDEX, FRANCE

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application,

and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

| 201 | FULL NAME OF SOLE OR FIRST NAMED INVENTOR | INVENTOR'S IGNATURE | DATE |
|-----|---|----------------------|----------|
| | BAUDOT Arnaud | A | 29/08/06 |
| 202 | FULL NAME OF SECOND JOINT INVENTOR | INVENTOR'S SIGNATURE | 28/08/06 |
| | CADOURS Renaud | | DATE |
| 203 | FULL NAME OF THIRD JOINT INVENTOR | INVENTOR'S SIGNATURE | |
| | HUYGHE Raphaël | | 28108106 |
| 204 | FULL NAME OF FOURTH JOINT INVENTOR | DEVENTOR'S SIGNATURE | DATE |
| | JOLIMAITRE Elsa | Toler | 05/05/06 |
| 205 | FULL NAME OF FIFTH JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| 203 | MOUGIN Pascal | Hay | 23/10/06 |
| | FULL NAME OF SIXTH JOINT INVENTOR | INVENTOR'S SIGNATURE | DATE |
| 206 | TOTH Eszter | don | 05/09/06 |
| | | , , | |

PATENT REEL: 018504 FRAME: 0175

RECORDED: 11/02/2006