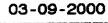


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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

|   | · · · · · · · · · · · · · · · · · · ·  |  |  |  |
|---|--|--|--|--|
| 1. Name of conveying party(ies)  Patrick BOURGES Mathias BOUCHEZ Gil MABILON Brigitte MARTIN  No additional names attached  3. Nature of Conveyance:  | 2. Name and address of receiving party(ies):  Institut Français du Pétrole 4, avenue de Bois-Préau 92502 Rueil-Malmaison France  No additional names(s) or address(es) attached  |  |  |  |
| ■ assignment □ merger   |  |  |  |  |
| □ security agreement □ change of name   |  |  |  |  |
|   |  |  |  |  |
| EXECUTION DATE: November 12, 1999   |  |  |  |  |
| 4. Application number(s) or patent number(s): THIS DOCUMENT IS NOT BEING FILED WITH A NEW APPLICATION.  |  |  |  |  |
| A. Patent Application Number(s)<br>09/415,236   | B. Patent Number(s)  |  |  |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:  Name: MILLEN, WHITE, ZELANO & BRANIGAN, P.C.  Address: Arlington Courthouse Plaza I Suite 1400 2200 Clarendon BLVD.  Arlington, VA 22201 | 6. Total number of applications and patents involved: 1 7. Total fee (37CFR 3.41) \$40.00 Check enclosed Charge any deficiencies in the payment of fees associated with this communication or credit any overpayment to 8. DEPOSIT ACCOUNT NO. 13-3402 |  |  |  |
| 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.

| Pamela D. Richardson | Yamler Riberdon | February 7, 2000 |
|----------------------|-----------------|------------------|
| Legal Assistant      | Signature       | Date             |

- Total number of pages including cover sheet, attachments and documents: 2
- Attorney Docket # PET-1807

03/00/2000 DCORTES 00000023 09415236

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PATENT

REEL: 010590 FRAME: 0287

## PET-1807

ASSIGNMENT

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

## PROCESS FOR REDUCING EMISSIONS OF OXIDES OF NITROGEN IN A MEDIUM WHICH IS SUPER-STOICHIOMETRIC IN OXIDISING AGENTS

|   | for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date. |   |                                       |                                     |
|---|---|---|---------------------------------------|-------------------------------------|
| 8 | for which U.S. Applicat   | ion Serial No09/415,236                               | for Letters Patent was filed in the U | J.S. Patent and Trademark Office on |
|   | October 12, 1999  |   |                                       |                                     |
| 0 | for which an International Application was filed on   |   | as                                    | , designating the United States.    |
|   | AND WHEREAS   | Institut Français du Pétro<br>4. avenue de Bois-Préau | le                                    |                                     |

92502 Rueil Malmaison

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 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 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, 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, and any and all ended in convention and application and the assignment and benefit of ASSIGNOR with a session 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 countr

| 201 | FULL NAME OF SOLE OR FIRST NAMED INVENTOR | INVENTOR'S SIGNATURE | DATE               |
|-----|---|----------------------|--------------------|
| 20, | Patrick BOURGES                           | Patrick Bourges      | 18th November 1999 |
| 202 | FULL NAME OF SECOND JOINT INVENTOR        | INVENTOR'S SIGNATURE | DATE               |
|     | Mathias BOUCHEZ                           | (lathias Bouchas     | 12th November 1999 |
| 203 | FULL NAME OF THIRD JOINT INVENTOR         | DIVENTOR'S SIGNATURE | DATE               |
|     | Gil MABILON                               | gil Mabiton          | 12 abrember 1999   |
| 204 | FULL NAME OF FOURTH JOINT INVENTOR        | INVENTOR'S SIGNATURE | DATE               |
|     | Brigitte MARTIN                           | Brigitle Trantin     | 12 Dovember 1998   |
| 205 | FULL NAME OF FIFTH JOINT INVENTOR         | INVENTOR'S SIGNATURE | DATE               |
| 206 | FULL NAME OF SIXTH JOINT INVENTOR         | INVENTOR'S SIGNATURE | DATE               |
| 207 | FULL NAME OF SEVENTH JOINT INVENTOR       | INVENTOR'S SIGNATURE | DATE               |
| 208 | FULL NAME OF EIGHTH JOINT INVENTOR        | INVENTOR'S SIGNATURE | DATE               |
| 209 | FULL NAME OF NINTH JOINT INVENTOR         | INVENTOR'S SIGNATURE | DATE               |
| 210 | FULL NAME OF TENTH JOINT INVENTOR         | inventor's signature | DATE               |
| 211 | FULL NAME OF ELEVENTH JOINT INVENTOR      | INVENTOR'S SIGNATURE | DATE               |
| 212 | FULL NAME OF TWELFTH JOINT INVENTOR       | inventor's signature | DATE               |

**PATENT** REEL: 010590 FRAME: 0288 **RECORDED: 02/07/2000**