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 U.S. Department of Commerce
 Patent and Trademark Office

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

1. Name of Conveying Party(ies):

 Pierre LEMETAYER, Christian FOUILLOUT and
 Michel CASAGRANDE

☐ Additional names of conveying parties attached.

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

 Execution Date: 18 February, 25 February and 10
 March 1999

2. Name and Address of Receiving Party(ies):

Name: Elf Exploration Production

Internal Address:

Street Address: Tour Elf - 2 Place de la Coupole

City, State, Zip: La Defense 6 - 92400 Courbevoie, FRANCE

☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

 U.S. Patent Application Serial No. 09/244,047 filed
 February 4, 1999

 If this document is being filed together with a new
 application, the execution date of the application is:

☐ Additional Numbers Attached.

4. (B) Patent Number(s):

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

 Name: Charles R. Wolfe, Jr.
 Address: Bacon & Thomas, PLLC
 625 Slaters Lane - 4th Floor
 Alexandria, Va 22314

6. Total Number of Applications and Patents Involved:

One (1)

7. Total Fee:

(37 CFR 3.41)

\$40.00

- ☒ Enclosed.
☐ Authorized to be charged to deposit account.

8. Deposit Account Number:

02-0200

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT.

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

 Charles R. Wolfe, Jr.
 Name of Person Signing

Signature

April 15, 1999

Date

Total number of pages, including cover sheet: Three (3)

ASSIGNMENT

WHEREAS, I (we), **Pierre LEMETAYER, Christian FOUILLOUT and Nichel CASAGRANDE** whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in **METHOD OF OPERATING AN OIL AND GAS PRODUCTION WELL ACTIVATED BY A PUMPING SYSTEM**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☐ executed on even date herewith

☐ executed on:

☒ filed on: **February 4, 1999**

Serial No.:

☐ established by PCT International Patent Application No.:
designating the United States of America

filed:

WHEREAS, **Elf Exploration Production**

whose post office address is **Tour Elf - 2 Place de la Coupole, La Defense 6 - 92400 Courbevoie, FRANCE**

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

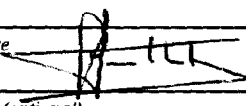
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

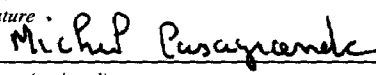
ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of **Bacon & Thomas** to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Pierre LEMETAYER	Address 5 Avenue des Sayettes 64000 Pau, FRANCE
Where Signed	
Date 18/02/99	Signature <i>Pierre Lemetayer</i>
Witness (optional)	Witness (optional)
_____ Print/Type Name	_____ Print/Type Name
_____ Signature	_____ Signature

ASSIGNMENT**Page 2**

<i>Assignor Name</i> Christian FOUILLOUT	<i>Address</i> 16 Rue du Marechal Joffre 64000 Pau, FRANCE
<i>Where Signed</i>	
<i>Date</i> 25/II/99	<i>Signature</i> 
<i>Witness (optional)</i> _____ Print/Type Name _____ Signature	<i>Witness (optional)</i> _____ Print/Type Name _____ Signature

<i>Assignor Name</i> Michel CASAGRANDE	<i>Address</i> Quartier Peyras 64170 Serres Ste Marie, FRANCE
<i>Where Signed</i>	
<i>Date</i> 10 mars 99	<i>Signature</i> 
<i>Witness (optional)</i> _____ Print/Type Name _____ Signature	<i>Witness (optional)</i> _____ Print/Type Name _____ Signature

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
<i>Witness (optional)</i> _____ Print/Type Name _____ Signature	<i>Witness (optional)</i> _____ Print/Type Name _____ Signature