

10-22-2002



612.41302X00

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

102256191

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DURET, EMMANUEL
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Additional name(s) of conveying party(ies) attached? Yes No
3. Nature of conveyance:
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Execution Date: **January 31, 2002.**

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If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
10/099,969 filed March 19, 2002

B. Patent Registration No.(s)

Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Antonelli, Terry, Stout & Kraus, LLP**
Internal Address:
1300 North Seventeenth Street
Suite 1800
Arlington, VA 22209
USA
City: State: Zip:

6. Total number of applications and patents involved **1**

7. Total fee (37 CFR 3.41)..... **\$40.00**
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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.
Alan E. Schiavelli *Alan E. Schiavelli* **October 17, 2002**
Name of Person Signing REG. NO. 32,087 Signature Date
CARL E. BEARDLEY - Reg No 29621

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Washington, D.C. 20231

03-27-2002

612.41302X00

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)



U.S. DEPARTMENT OF COMMERCE
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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):
DURET, EMMANUEL
TRAN, QUANG-HUY
Additional name(s) of conveying party(ies) attached? Yes No

03/19/02

2. Name and address of receiving party(ies)
Name: **INSTITUT FRANCAIS DU PETROLE**
Street Address: **1 & 4 avenue e Bois-Preau**
City: **92852 RUEIL MALMAISON CEDEX**
Country: **FRANCE**

1c971 U.S. PTD
10/099965



03/19/02

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Execution Date: **January 31, 2002.**

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Alan E. Schiavelli

03/19/2002

Name of Person Signing
REG. NO. 32,087

Signature

Date

Total number of pages including cover sheet, attachments, and document: **2**

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Washington, D.C. 20231

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

**METHOD AND DEVICE FOR NEUTRALIZING, BY CONTROLLED GAS INJECTION,
THE FORMATION OF LIQUID SLUGS AT THE FOOT OF A RISER CONNECTED TO A
MULTIPHASE FLUID TRANSPORT PIPE**

X 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

for which an International Application was filed
on

as

, 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 SIGNATURE	DATE
	DURET Emmanuel	<i>Emmanuel Duret</i>	<i>31st January 2002</i>
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	TRAN Quang-Huy	<i>Quang Huy Tran</i>	<i>31 January 2002</i>

PATENT

RECORDED: 10/17/2002

REEL: 013395 FRAME: 0257