Maken P	- 09-14-1998	t No.: 612.36318X00
FORM PTO-1595 1-31-92 G/2/98 RECORDATION FOR PATENTS		EPARTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Fratemarks: Pl	leas 100827634 documen	ts or copy thereof.
1. Name of conveying party(ies): (1) Roger-Marc NICOUD and (2) Michel BAILLY TRADEMART	2. Name and address of receiving party( Name: INSTITUT FRANÇAIS DU Internal Address:	ies):
Additional name(s) of conveying party(ies) attached? Yes No		
3. Nature of conveyance:         X Assignment       Merger         Security Agreement       Change of Name         Other	Street Address: 1 & 4, avenue de Bo City: 92852 Rueil-Malmaison cedex Additional name(s) & address(es) attached?	Country: France
<ul><li>4. Application number(s) or patent number(s):</li><li>If this document is being filed together with a new application</li><li>A. Patent Application No.(s)</li></ul>	on, the execution date of the application is: B. Patent No.(s)	
U.S. Serial No. 09/097,590, filed June 16, 1998	ched? 🗆 Yes 🖾 No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and pate	nts involved: 1
Mame: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address:	<ul> <li>7. Total fee (37 CFR 3.41)</li> <li>X Enclosed</li> <li>X Any deficiencies may be charged</li> <li>Authorized to be charged to deport</li> </ul>	-
Street Address: 1300 North Seventeenth Street	8. Deposit account number: 01-2135	
Suite 1800 City: Arlington State: Virginia Zip: 22209	(Attach duplicate copy of this page if paying b	y deposit account)
DO NOT USE	THIS SPACE	
9. Statement and signature.         To the best of my knowledge and belief, the foregoing in copy of the original document.         Donald E. Stout         Name of Person Signing         Attorney Registration No. 26,422	k. II	mber 2, 1998
OMB No. 0651-0011 (exp. 4/94)		

PATENT REEL: 9439 FRAME: 0910

## ASSIGNMENT

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 NOVASEP and INSTITUT FRANÇAIS DU PETROLE

of 15, rue du Bois de la Champelle, Parc Technologique de Brabois, BP 50, 54502 Vandoeuvre lès Nancy, France and **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 INTENDED TO OPTIMIZE THE OPERATION OF A SYSTEM FOR SEPARATING THE CONSTITUENTS OF A MIXTURE

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 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 **NOVASEP** and **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 NOVASEP and INSTITUT FRANÇAIS DU PETROLE

	_	(Full Name)	(Signature)
1)	Date 13th june 1998	inventor Roger-Marc NICOUD	Roger-Marc Nicoud
	Residence 8, rue Verlaine	Citize	enship <b>France</b>
	Post Office Address 54630 Richar	dmesnil (France)	
2)	Date 13th June 1998	Inventor Michel BAILLY AFicker BAILLY	
	Residence D13 boulevard Joffre	Citize	enship <b>France</b>

Post Office Address 54000 Nancy (France)

**RECORDED: 09/02/1998**