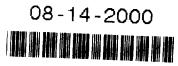
IN THE UNITE RE(



RK OFFICE

101430529

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

	1. Name of conveying party(ies): Charles BRONNER Gérard HEINRICH Cécile PLAIN Laurence CARPOT	2. Name and address of receiving party(ies): Institut Français du Petrole 1 & 4 avenue de Bois-Préau F-92852 RUEIL-MALMAISON, FRANCE				
	No additional names attached 3. Nature of Conveyance:	No additional names(s) or address(es) attached ■				
	■ assignment					
	□ security agreement □ change of name					
	□ other					
	EXECUTION DATE: February 1, 2000					
	4. Application number(s) or patent number(s): THIS DOCUMENT IS NOT BEING FILED WITH	I A NEW APPLICATION.				
A.	A. Patent Application Number(s) 09/604,060	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.	 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 				
	Address: Arlington Court Plaza I Suite 1400	associated with this communication or credit any				
	2200 Clarendon BLVD.	overpayment to				
	Arlington, VA 22201 8. DEPOSIT ACCOUNT NO. 13-3402					
	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.	Á A				
2581 Pamela D. Richarson 40.00 00 Tamele V. Kuhadsin July 19, 2000						
	Legal Assistant for Applicant(s) Signatu	nre Date				
\	Total number of pages including cover sheet, attachments and documents: 2 Attorney Docket #PET-1861					

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 HYDROTREATING A MIDDLE DISTILLATE IN WO SUCCESSIVE ZONES COMPRISING AN INTERMEDIATE ZONE FOR STRIPPING EFFLUENT FROM THE FIRST ZONE WITH CONDENSATION OF THE HEAVY PRODUCTS LEAVING OVERHEAD FROM THE STRIPPER

K	for which an application for which U.S. Application	for letters Patent to be filed in the United States Patent was to Serial No. 09/604, 060	tent and Trademark Office was executed on filed in the U.S. Patent and Trademark Offi	even date. ^{ce} June 26, 2000
	for which an Internation United States.	nal Application was filed on	as PCT//	designating the
	AND WHEREAS	Institut Français du Pétrole 4. avenue de Bois-Préau F-92500 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 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 of 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 Millen, White, Zelano & Branigan, P.C. 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
BRONNER Charles	Clearles Mroures	1 Chelinane
202 FULL NAME OF SECOND JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
HEINRICH Gérard	General Heinrich	At February Low
203 FULL NAME OF THIRD JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
PLAIN Cécile	Gute Plain	Mit February 2000
204 FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
CARPOT Laurence	- Dience Carpot	At Tehrunger
205 FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE/
206 FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
210 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	INVENTOR'S SIGNATURE	DATE

Express Mail Label No.

Page 1

PATENT
RECORDED: 07/19/2000 REEL: 010982 FRAME: 0809