

03-21-2002

FORM PTO-1595  
(Rev. 6-93)

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DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-0011(exp. 4/94)

102025331

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Larry L. Iaccino Edward S. Ellis**  
*3.8.02*  
Additional Name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
Name: ExxonMobil Research & Engineering Co.  
Internal Address: Law Department  
Street Address: 1545 Route 22 East  
P.O. Box 900  
City: Annandale State: NJ Zip: 08801

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_  
Execution Date: Dec. 16, 1999 and Jan. 6, 2000  
Additional name(s) and address(es) attached?  Yes  No

4. Application number(s) or patent number(s); 09/457,435  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: ExxonMobil Research & Engineering Co.  
Internal Address: Law Department  
Street Address: 1545 Route 22 East  
P.O. Box 900  
City: Annandale State: NJ Zip: 08801

Total number of applications and patents involved : 1  
7. Total fee (37 CFR 3.41) 40.00  
 Enclosed  
 Authorized to be charged to deposit account.  
8. Deposit account number:  
05-1330  
(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 information is true and correct and any attached copy is a true copy of the original document.*  
Gerard J. Hughes 41,855 Gerard J. Hughes 26 Feb. 2002  
Name of Person Signing Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and document. **4**

Mail documents to be recorded with required cover sheet information to:  
Commissioner for Patents, Box Assignments  
Washington, D.C. 20231



PATENT TRADEMARK OFFICE

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PATENT  
REEL: 012687 FRAME: 0399

**ASSIGNMENT**  
**INVENTOR or INVENTORS:**

Larry L. Iaccino

Edward S. Ellis

In consideration of One Hundred Twenty-five Dollars (\$125.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to Exxon Research and Engineering Company, a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

**COUNTERCURRENT HYDROPROCESSING WITH TRICKLE BED PROCESSING OF VAPOR PRODUCT STREAM**

6th day of January 2000 and  
said application having been executed on the 16th day(s) of December 1999 and being further identified as Case Number HEN-9919; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.


3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date 12/16/99 Inventor  (LS) Witness Michael C. Clark

Date 1/6/2000 Inventor  (LS) Witness Joseph J. Kocis

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_