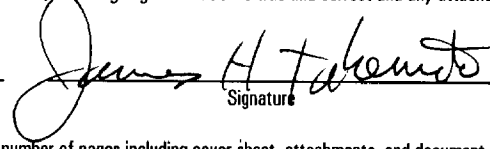


09-28-1998

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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: January 17, 1997			
4. Application number(s) or patent number(s); If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 08/768,874 f. 12/17/96 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Exxon Research & Engineering Co. Internal Address: Law Department 09/23/1998 DWGUYH 00000244 051330 08768874 40.00 CH Street Address: 180 Park Avenue P.O. Box 390 City: Florham Park State: NJ Zip: 07932		Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> 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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PATENT
REEL: 9470 FRAME: 0656

ASSIGNMENT
INVENTOR or INVENTORS:

George A. Swan

Stephen D. Challis

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

RECRACKING OF CAT NAPHTHA FOR MAXIMIZING LIGHT OLEFINS YIELDS

said application having been executed on the 17th day(s) of January 1997 and being further identified as Case Number JHT-9621; 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 Dec 19, 1996 Inventor George A. Swan (LS) Witness Joan Morley

Date Jan 17, 1997 Inventor Stephen D. Challis (LS) Witness CM Windess

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____