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HEET

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102660187

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Malcolm G. Pettigrew** January 20, 2004  
**Wadie Malaty** January 14, 2004  
**Ram Mohan Lai Mallik** January 14, 2004  
**Stephen McCormick** January 20, 2004

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
 Name: **ExxonMobil Chemical Patents Inc.**  
 Internal Address: \_\_\_\_\_  
 Street Address: **13501 Katy Freeway**  
 City: **Houston** State: **TX** ZIP: **77079**

Additional name(s) & address(es) attached?  Yes  No

17497 U.S.P.T.O  
10763024

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **January 14, 2004**

4. Application number(s) or patent numbers(s):  
 If this document is being filed together with a new application, the execution date of the application is: **January 22, 2004**

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: **Jaimes Sher**  
 Internal Address: **ExxonMobil Chemical Company**  
**Law Technology**  
 Street Address: **P O Box 2149**  
**02/02/2004 BYTONE 00000129 051712 10763024**  
**01 FC:6021 40.00 BA**  
 City: **Baytown** State: **TX** ZIP: **77522**

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

7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number:  
**05-1712**  
 (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.*

**Jaimes Sher (Reg. No.: 34,726)** *Jaimes Sher* **January 22, 2004**  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT

## INVENTOR or INVENTORS:

Malcolm G. PettigrewWadie MalatyRam Mohan Lai MallikStephen W. McCormick

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment 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 ExxonMobil Chemical Patents Inc., 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

Heat Recovery from the Effluent Stream of an Oxygenate-to-Olefin Process

said application having been executed on the 14, 20, 21 day(s) of January 2004, and being further identified as Case No. 2003B003; 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's attorney to insert at paragraph 1, 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 1-20-2004 Malcolm G. Pettigrew  
Malcolm G. Pettigrew

Regina D. Cozalis  
Witness

DATE 1-14-2004 Wadie Malaty  
Wadie Malaty

Regina D. Cozalis  
Witness

DATE 1-14-2004 R. M. L. Mellik  
Ram Mohan Lai Mellik

Regina D. Cozalis  
Witness

DATE 1-20-2004 Stephen W. McCormick  
Stephen W. McCormick

Regina D. Cozalis  
Witness