

01-03-2007

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Patent and Trademark Office

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To the Director of the United States

103355534

Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Frank Hershkowitz 12/20/06
 John S. Buchanan 12/20/06
 Harry W. Deckman 12/20/06
 Jeffrey W. Frederick 12/20/06

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: December 20, 2006

2. Name and address of receiving party(ies):

Name: ExxonMobil Chemical Patents Inc.

Address: 13501 Katy Freeway

City: Houston State/Prov.: Texas

Country: USA ZIP: 77079

Additional name(s) & address(es)

☐ Yes ☒ No

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: December 21, 2006

Patent Application No.

Filing date

B. Patent No.(s)

AWAITED

December 21, 2006

Additional numbers

☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Rick F. James

Registration No. 48,772

Address: ExxonMobil Chemical Company

Law Technology

P O Box 2149

City: Baytown

State/Prov.: Texas

Country: USA

ZIP: 77522-2149

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.

Rick F. James

Name of Person Signing

Signature

December 21, 2006

Date

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

9

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the United States Patent and Trademark Office
 P.O. Box 1450, Alexandria, VA 22313-1450

PATENT

REEL: 018737 FRAME: 0637

Attorney Initials: KQ**ASSIGNMENT****INVENTOR or INVENTORS:****FRANK HERSHKOWITZ****HARRY W. DECKMAN****JOHN SCOTT BUCHANAN****JEFFREY W. FREDERICK**

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 the State 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

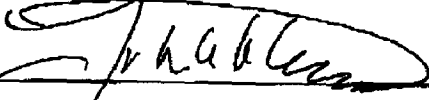

"METHANE CONVERSION TO HIGHER HYDROCARBONS"

said application having been executed on the 20th day(s) of December 2006, and being further identified as Case No. 2006EM215; 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.

Attorney Initials: RJ

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

DATE Dec 20, 2006 
FRANK HERSHKOWITZ

Witness

DATE _____

JOHN SCOTT BUCHANAN

Witness

DATE _____

HARRY W. DECKMAN

Witness

DATE _____

JEFFREY W. FREDERICK

Witness

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DATE _____
FRANK HERSHKOWITZ

Witness

DATE Dec 20, 2006 John Scott Buchanan
JOHN SCOTT BUCHANAN

Grove T. Buchanan
Witness

DATE _____
HARRY W. DECKMAN

Witness

DATE _____
JEFFREY W. FREDERICK

Witness

Attorney Initials: *RJ*ASSIGNMENT

INVENTOR or INVENTORS:

FRANK HERSHKOWITZJOHN SCOTT BUCHANANHARRY W. DECKMANJEFFREY W. FREDERICK

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DATE _____
FRANK HERSHKOWITZ

Witness

DATE _____
JOHN SCOTT BUCHANAN

Witness

DATE December 20, 2006 Harry W. Deckman
HARRY W. DECKMAN

Olivia A. Layton
Witness

DATE _____
JEFFREY W. FREDERICK

Witness

Attorney Initials: RJASSIGNMENT

INVENTOR or INVENTORS:

FRANK HERSHKOWITZHARRY W. DECKMANJOHN SCOTT BUCHANANJEFFREY W. FREDERICK

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Attorney Initials: BQ

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DATE _____
_____ **FRANK HERSHKOWITZ**

Witness

DATE _____
_____ **JOHN SCOTT BUCHANAN**

Witness

DATE _____
_____ **HARRY W. DECKMAN**

Witness

DATE 12/20/06 _____
_____ **JEFFREY W. FREDERICK**

Philip J. Lenart
Witness