

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>James N. McCoy</td><td>11/16/2006</td></tr><tr><td>Walter L. Filupeit</td><td>11/26/2006</td></tr><tr><td>Barrington M. Hammond</td><td>11/15/2006</td></tr><tr><td>David J. Duhon</td><td>11/16/2006</td></tr><tr><td>Mark A. Rooney</td><td>11/30/2006</td></tr><tr><td>Robert D. Strack</td><td>11/16/2006</td></tr><tr><td>John R. Messinger</td><td>11/30/2006</td></tr></tbody></table>		Name	Execution Date	James N. McCoy	11/16/2006	Walter L. Filupeit	11/26/2006	Barrington M. Hammond	11/15/2006	David J. Duhon	11/16/2006	Mark A. Rooney	11/30/2006	Robert D. Strack	11/16/2006	John R. Messinger	11/30/2006
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RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>ExxonMobil Chemical Patents Inc.</td></tr><tr><td>Street Address:</td><td>13501 Katy Freeway</td></tr><tr><td>City:</td><td>Houston</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>77079</td></tr></table>		Name:	ExxonMobil Chemical Patents Inc.	Street Address:	13501 Katy Freeway	City:	Houston	State/Country:	TEXAS	Postal Code:	77079						
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CORRESPONDENCE DATA																	
Fax Number: (281)834-0135 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 281-834-1571																	
Email: linda.l.thompson@exxonmobil.com																	
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Address Line 4: Baytown, TEXAS 77522-2149																	
ATTORNEY DOCKET NUMBER:	2006EM150/2 (813101)																

CH \$40.00 12479157

PATENT

500879441

REEL: 022790 FRAME: 0876

NAME OF SUBMITTER:

Rick F. James

Total Attachments: 15

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source=2009-06-02-2006EM150-2US-Assignments#page15.tif

Attorney Initials: RF

ASSIGNMENT

INVENTOR or INVENTORS:

JAMES N. MCCOY

WALTER L. FILUPEIT

BARRINGTON M. HAMMOND

DAVID J. DUHON

MARK A. ROONEY

ROBERT D. STRACK

JOHN R. MESSINGER

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

SYSTEM AND METHOD FOR EXTENDING THE RANGE OF HYDROCARBON FEEDS IN GAS CRACKERS

said application having been executed on the 15, 16, 20, 30th day(s) of November 2006, and being further identified as Case No. 2006EM150; 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: RG

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

DATE Nov 16, 2006 James M. McCoy
JAMES N. MCCOY

[Signature]
Witness

DATE 20 Nov 06 Walter F. Filupeit
WALTER F. FILUPEIT

Regina A. Tucker-Walters
Witness

DATE _____
BARRINGTON M. HAMMOND

Witness

DATE _____
DAVID J. DUHON

Witness

DATE _____
MARK A. ROONEY

Witness

DATE NOVEMBER 16, 2006 Robert D. Strack
ROBERT D. STRACK

Sharon D. Strack
Witness

Attorney Initials: Rf

DATE _____ JOHN R. MESSINGER

Witness

Attorney Initials: RA

ASSIGNMENT

INVENTOR or INVENTORS:

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DATE _____ JAMES N. MCCOY

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Witness

DATE 11/15/06 Barrington M. Hammond
BARRINGTON M. HAMMOND

W. C. Clark
Witness

DATE _____ DAVID J. DUHON

Witness

DATE _____ MARK A. ROONEY

Witness

DATE _____ ROBERT D. STRACK

Witness

TOTAL P.007

Attorney Initials: RP

DATE _____

JOHN R. MESSINGER

Witness

Attorney Initials: ARASSIGNMENT

INVENTOR or INVENTORS:

JAMES N. MCCOYWALTER L. FILUPEITBARRINGTON M. HAMMONDDAVID J. DUHONMARK A. ROONEYROBERT D. STRACKJOHN R. MESSINGER

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[Signature]
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DATE _____ ROBERT D. STRACK

Witness

Attorney Initials: RG

DATE

JOHN R. MESSINGER

Witness

Attorney Initials: *BJ* ASSIGNMENT

INVENTOR or INVENTORS:

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DATE _____ DAVID J. DUHON

WitnessDATE 11/30/06 [Signature] MARK A. ROONEY[Signature]
Witness 11/30/06

DATE _____ ROBERT D. STRACK

Witness

Attorney Initials: RJ

DATE _____ JOHN R. MESSINGER

Witness

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Witness

DATE _____ ROBERT D. STRACK

Witness

Attorney Initials: BJ

DATE

11/30/2008

John R. Messinger

JOHN R. MESSINGER

Witness