

Docket No.: 2004B049/2

FORM PTO-1595

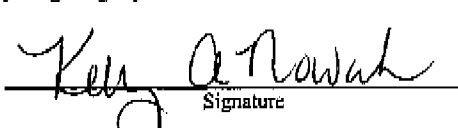
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Richard C. Stell (July 22, 2005) Jennifer L. Bancroft (July 25, 2005) Arthur R. DiNicolantonio (August 1, 2005) Subramanian Annamalai (July 25, 2005) James N. McCoy (July 22, 2005) Paul F. Keusenkothen (July 25, 2005) George Stephens (July 22, 2005) John R. Messinger (July 22, 2005) James Mitchell Frye (July 22, 2005) Nick G. Vidonic (July 26, 2005) George J. Balinsky (January 3, 2006)</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>ExxonMobil Chemical Patents Inc.</u></p> <p>Street Address: <u>13501 Katy Freeway</u></p> <p>City: <u>Houston</u> State: <u>Texas</u> ZIP: <u>77079</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>July 22, 25 & 26, 2005;</u> <u>August 1, 2005 and January 3, 2006</u></p>	

<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <table border="0"> <tr> <td style="vertical-align: top;"> <p>A. Patent Application No.(s) 11/134,148</p> </td> <td style="vertical-align: top;"> <p>B. Patent No.(s)</p> </td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No.(s) 11/134,148</p>	<p>B. Patent No.(s)</p>
<p>A. Patent Application No.(s) 11/134,148</p>	<p>B. Patent No.(s)</p>		
<p>5. Name and address of party to whom correspondence concerning documents should be mailed:</p> <p>Name: <u>Kelly A. Nowak</u> Internal Address: <u>ExxonMobil Chemical Company</u> <u>Law Technology</u> Mailing Address: <u>P.O. Box 2149</u> City: <u>Baytown</u> State: <u>Texas</u> ZIP: <u>77522-2149</u></p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 1.41): <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>05-1712</u></p>		

DO NOT USE THIS SPACE

<p>9. Statement and signature. <i>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.</i></p>		
<p><u>Kelly A. Nowak (Reg. No.: 35,620)</u> Name of Person Signing</p>	<p> Signature</p>	<p><u>January 6, 2006</u> Date</p>
<p>Total number of pages including cover sheet, attachments, and document: [17]</p>		

Mail documents to be recorded with required cover sheet information to:

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700235180

PATENT
REEL: 017169 FRAME: 0332

CH \$40.00 061712 11134148

ASSIGNMENT**INVENTOR or INVENTORS:**✓ Richard C. Stell✓ James N. McCoy✓ James Mitchell Frye✓ Jennifer L. Bancroft✓ Paul F. Keusenkothen✓ Nick G. Vidonic✓ Arthur R. DiNicolantonio✓ George Stephens✓ George J. Balinsky✓ Subramanian Annamalai✓ 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

**Process And Apparatus For Cracking Hydrocarbon Feedstock
Containing Resid To Improve Vapor Yield From Vapor/Liquid Separation**

said application having been executed on the 22nd, 25th, 26th July 2005 day(s) of 2005, and being further identified as USSN: 11/134148 or Docket No. 2004B049/2; 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.
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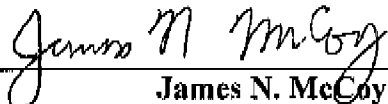
IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

ASSIGNMENT (Cont'd.)DATE 7/22/05Richard C. Stell (LS)
Richard C. Stell (Inventor)David Bleckinger
Witness (Print Name)David Bleckinger
Witness (Signature)DATE 7/25/05Jennifer L. Bancroft (LS)
Jennifer L. Bancroft (Inventor)Richard C. Stell
Witness (Print Name)Richard C. Stell
Witness (Signature)

DATE _____

Arthur R. DiNicolantonio (Inventor) (LS)_____
Witness (Print Name)_____
Witness (Signature)DATE 25 July 2005Subramanian Annamalai (LS)
Subramanian Annamalai (Inventor)Richard C. Stell
Witness (Print Name)Richard C. Stell
Witness (Signature)

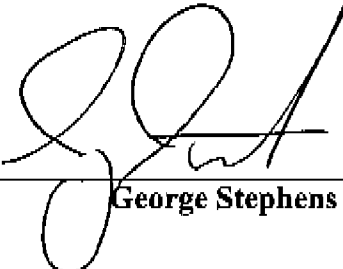
ASSIGNMENT (Cont'd.)


DATE 22 July 2005  (LS)
James N. McCoy (Inventor)


Richard C. Stell 
Witness (Print Name) Witness (Signature)

DATE 7/25/05  (LS)
Paul F. Keusenkothen (Inventor)

Richard C. Stell 
Witness (Print Name) Witness (Signature)

DATE 22 July 2005  (LS)
George Stephens (Inventor)

Richard C. Stell 
Witness (Print Name) Witness (Signature)

DATE 22 July 2005  (LS)
John R. Messinger (Inventor)

Richard C. Stell 
Witness (Print Name) Witness (Signature)

ASSIGNMENT (Cont'd.)DATE 22 July 2005
James Mitchell Frye (Inventor) (LS)Richard G. Stell
Witness (Print Name)
Witness (Signature)

DATE _____

Nick G. Vidonic (Inventor) (LS)_____
Witness (Print Name)_____
Witness (Signature)

DATE _____

George J. Balinsky (Inventor) (LS)_____
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DATE _____ (LS)
_____ **Richard C. Stell** (*Inventor*)

Witness (Print Name) _____ Witness (Signature)

DATE _____ (LS)
_____ **Jennifer L. Bancroft** (*Inventor*)

Witness (Print Name) _____ Witness (Signature)

DATE Aug 1, 2005 _____ (LS)
_____ **Arthur R. DiNicolantonio** (*Inventor*)

Witness (Print Name) _____ Witness (Signature)

DATE _____ (LS)
_____ **Subramanian Annamalai** (*Inventor*)

Witness (Print Name) _____ Witness (Signature)

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John R. Messinger *(Inventor)*

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Witness (Print Name) Witness (Signature)

DATE 7/26/05 _____ (LS)
Nick G. Vidonic (*Inventor*)

Steven M. Hay _____
Witness (Print Name) Witness (Signature)

DATE _____ (LS)
George J. Balinsky (*Inventor*)

Witness (Print Name) Witness (Signature)

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DATE Jan 3, 2006 _____ (LS)
George J. Balinsky (Inventor)

David R Balinsky _____
Witness (Print Name) Witness (Signature)