P.02

DOCKELING. AUGEBUFF U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET FORM PTO-1595 (Modified) Patent and Trademark Office (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) PATENTS ONLY P08/REV03 Tab settings 🔷 🔷 🔷 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): 08/14/2002 David B. Spicer 08/15/2002 Arther R. DiNicolantonio Name: ExxonMobil Chemical Patents Inc. 08/16/2002 James Mitchell Frye 08/14/2002 Richard C. Stell Internal Address: ___ ☐ Yes 🖾 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: Street Address: 13501 Katy Freeway Merger Assignment Change of Name ☐ Security Agreement State: <u>TX</u> ZIP: <u>77079</u> Other Execution Date: 08/14/02, 08/15/02, 08/16/02, 08/14/02 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: B. Patent No.(s) A. Patent Application No.(s) 10/188,901 ⊠ No Additional numbers attached? ☐ Yes 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: Name: Lucinda Lomas 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: ExxonMobil Chemical Company Enclosed - Any excess or insufficiency should be credited or debited to deposit account Law Technology Authorized to be charged to deposit account 8. Deposit account number: Street Address: P. O. Box 2149 05-1712 (Attach duplicate copy of this page if paying by deposit account) ____ State: <u>TX</u>__ ZIP: 77522 City: Baytown DO NOT USE THIS SPACE 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. 06 September, 2002 Louis N. Moreno Date Signature Name of Person Signing 10 Total number of pages including cover sheet, attachments, and document:

281 834 1438 P.03 Case Docket No. 2002B091

ASSIGNMENT

INVENTOR or INVENTORS:

| David B. Spicer | James Mitchell Frye |
|--------------------------|---------------------|
| Arthur R. DiNicolantonio | Richard C. Stell |

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 for Cracking Hydrocarbon Feed with Water Substitution"

| said application having been executed on the | day(s) of | August | 2002, and |
|---|-----------------------|---------------------------|---------------------------|
| being further identified as Case Docket No. 2 | 2002B091, U.S.S.N. | 10/188,901, filed July 3 | , 2002; and all rights of |
| priority created by said application under pro- | visions of internatio | nal conventions or treati | es. |

- 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, as well as the filing date and application number thereof when known.

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

PATENT REEL: 013062 FRAME: 0983

P.04 Case Docket No. 2002B091

| DATE _ | 14 August 2002 David B. Spicer (Inventor) Bandra Occuman Witness | (LS) |
|-------------------|--|------|
| | Bandra Deckerman | |
| DATE . | Arthur R. DiNicolantonio (Inventor) | (LS) |
| | Witness | |
| DATE _. | James Mitchell Frye (Inventor) | (LS) |
| | Witness | |
| DATE . | Richard C. Stell (Inventor) | (LS) |
| | Witness | |

Case Docket No. 2002B091

ASSIGNMENT

INVENTOR or INVENTORS:

| David B. Spicer | James Mitchell Frye |
|--------------------------|---------------------|
| Arthur R. DiNicolantonio | Richard C. Stell |

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| 151 | | August | 2002, and |
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PATENT REEL: 013062 FRAME: 0985

| DATE | | | (LS) |
|------|-----------------|-------------------------------------|------|
| | | David B. Spicer (Inventor) | |
| | | Witness | |
| DATE | Duguet 15, 2002 | Arthur R. DiNicolantonio (Inventor) | (LS) |
| | - Reclard C | Witness | |
| DATE | | James Mitchell Frye (Inventor) | (LS) |
| | | | |
| | | Witness | |
| DATE | · | Richard C. Stell (Inventor) | (LS) |
| | | Witness | |

Case Docket No. 2002B091

ASSIGNMENT

INVENTOR or INVENTORS:

| David B. Spicer | James Mitchell Frye |
|--------------------------|---------------------|
| Arthur R. DiNicolantonio | Richard C. Stell |

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| being further identified as Case | Docket No. | 2002B091, U.S. | .S.N. <u>10/188,901,</u> filed | July 3, 2002; and all rights of |
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Page 1 of 2

2002B091-2002August14-Assgn

| DATE | David B. Spicer (Inventor) | _ (LS) |
|------|--|--------|
| | Witness | |
| DATE | Arthur R. DiNicolantonio (Inventor) | _ (LS) |
| | Witness | |
| DATE | John & Robert James Mitchell Frye (Inventor) Witness Witness | (LS) |
| | John & Abrill 16 August 2002 | |
| date | Richard C. Stell (Inventor | (LS) |
| | Witness | |

Case Docket No. 2002B091

ASSIGNMENT

INVENTOR or INVENTORS:

| David B. Spicer | James Mitchell Frye |
|--------------------------|---------------------|
| Arthur R. DiNicolantonio | Richard C. Stell |
| | 1 000 000 |

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| said application having been executed on the | |
|---|-------------------------------|
| day(3) 01 / 1070 37 | 2002, and |
| being further identified as Case Docket No. 2002B091, U.S.S.N. 10/188,901, filed Ju | ly 3, 2002; and all rights of |
| priority created by said application under provisions of international conventions or tre | eaties. |

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

PATENT REEL: 013062 FRAME: 0989 ***

| DATE | | (LS) |
|----------|-------------------------------------|--------|
| | David B. Spicer (Inventor) | • |
| | Witness | |
| DATE | Arthur R. DiNicolantonio (Inventor) | (LS) |
| | Witness | |
| | witness | |
| DATE | James Mitchell Frye (Inventor) | (LS) |
| | Witness | |
| DATE | 8/14/62 Suchard C. Stell | _ (LS) |
| <u> </u> | 8/14/62 Richard C. Stell (Inventor) | - ` ´ |
| | Witness | |

RECORDED: 09/06/2002

| CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): David B. Spicer et. al. | | Docket No. 2002B091 | |
|---|--------------------------------|---|--------------------------|
| Serial No. 10/188,901 | Filing Date 07/03/2002 | Examiner | Group Art Unit |
| ention: | | | · |
| OCESS FOR CRACKING | G HYDROCARBON FEED W | ITH WATER SUBSTITUTION | |
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| hereby certify that this | Recordation Form, Assig | gnments, (10 Pages Total includ | ing Transmission Cert.) |
| being facsimile transmitt | ted to the United States Paten | (Identify type of correspondence) It and Trademark Office (Fax.) | No. 703-306-5995 |
| o 06 September, | , 2002 | | |
| (Date) | | | |
| | | Georgia M. | Carroll |
| | | (Typed or Printed Name of Per | son Signing Certificate) |
| | | / MuCa | Lloy |
| | | (Signatur | <i>e)</i> |
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