PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| James H. Beech Jr. | 05/24/2005 |
| Nicolas P. Coute | 05/26/2005 |
| Jeffrey S. Smith | 05/25/2005 |
| Michael Nicoletti | 05/24/2005 |

RECEIVING PARTY DATA

| Name: | ExxonMobil Chemical Patents Inc. |
|-----------------|----------------------------------|
| Street Address: | 13501 Katy Freeway |
| City: | Houston |
| State/Country: | TEXAS |
| Postal Code: | 77079 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12898069 |

CORRESPONDENCE DATA

Fax Number: (281)834-7413

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 281-834-5933

Email: catherine.a.haynes@exxonmobil.com

Correspondent Name: ExxonMobil Chemical Company

Address Line 1: P.O. Box 2149

Address Line 4: Baytown, TEXAS 77522-2149

ATTORNEY DOCKET NUMBER: 2004B170/3 813159PR

NAME OF SUBMITTER: Kevin M. Faulkner, Reg. No. 45,427

Total Attachments: 6

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PATENT REEL: 025100 FRAME: 0903 40.00 1289806

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> PATENT REEL: 025100 FRAME: 0904

ASSIGNMENT

INVENTOR or INVENTORS:

| James H. Beech, Jr. | NICOLAS P. COUTE |
|---------------------|-------------------|
| JEFFREY S. SMITH | MICHAEL NICOLETTI |

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:

UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Fatents 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

FLUIDIZING A POPULATION OF CATALYST PARTICLES HAVING A LOW CATALYST FINES CONTENT

said application having been executed on the 24-425 day(s) of May 2005, and being further identified as Case No. 2004B170/2; 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.
- 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 | | | <u> </u> |
|--|--|-------------------|----------|
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PATENT REEL: 025100 FRAME: 0907 IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

| DATE | 5-24-05 | Yem A | Beecht. |
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| | N.V. | 00 | JAMES H. BEECH, JR. |
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| DATE | | ticoponed to the second to the | NICOLAS P. COUTE |
| | | Witness | |
| DATE | · . | | JEFFREY S. SMITH |
| | | Witness | |
| DATE | MM 24, 2005 | Mushay | MICHAEL NICOLETTI |
| | | Witness | - 5/24/05 |

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| DATE _ | | | h | IICOLAS P. COUT | TE. |
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| | | Witness | AM ACCOUNT | | |
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| | 5-25-05 Edward | Rose | | JEFFREY S. SMIT | H |
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| | | Witness | | | |