

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 M. Frye</td><td>12/03/2004</td></tr><tr><td>David Beattie</td><td>06/12/2004</td></tr><tr><td>Richard C. Stell</td><td>12/03/2004</td></tr><tr><td>Subramanian Annamalai</td><td>12/07/2004</td></tr><tr><td>Alok Srivastava</td><td>12/03/2004</td></tr></tbody></table>	Name	Execution Date	James M. Frye	12/03/2004	David Beattie	06/12/2004	Richard C. Stell	12/03/2004	Subramanian Annamalai	12/07/2004	Alok Srivastava	12/03/2004	
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Richard C. Stell	12/03/2004												
Subramanian Annamalai	12/07/2004												
Alok Srivastava	12/03/2004												
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12335333</td></tr></tbody></table>	Property Type	Number	Application Number:	12335333									
Property Type	Number												
Application Number:	12335333												
CORRESPONDENCE DATA													
Fax Number:	(281)834-1231												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	281-834-1883												
Email:	jennifer.s.lewis@exxonmobil.com												
Correspondent Name:	EXXONMOBIL CHEMICAL COMPANY												
Address Line 1:	5200 BAYWAY DRIVE												
Address Line 2:	P.O. BOX 2149												
Address Line 4:	BAYTOWN, TEXAS 77522-2149												
ATTORNEY DOCKET NUMBER:	2004B054/2												
NAME OF SUBMITTER:	Rick F. James												

CH \$40.00 12335333

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PATENT
REEL: 021981 FRAME: 0487

Total Attachments: 6

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PATENT

REEL: 021981 FRAME: 0488

ASSIGNMENT

INVENTOR or INVENTORS:

JAMES M. FRYE

RICHARD C. STELL

ALOK SRIVASTAVA

DAVID BEATTIE

SUBRAMANIAN ANNAMALAI

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

VAPOR/LIQUID SEPARATION APPARATUS

said application having been executed on the 3rd, 6th, 7th day(s) of December, 2004, and being further identified as Case No. 2004B054; 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

3. DEC. 2004

James M. Frye

JAMES M. FRYE

Richard C. Stell
Witness

DATE

DAVID BEATTIE

Witness

DATE

3 Dec '04

Richard C. Stell

RICHARD C. STELL

Richard C. Stell
Witness

DATE

SUBRAMANIAN ANNAMALAI

Witness

DATE

Dec 3, 2004

Alok Srivastava

ALOK SRIVASTAVA

Alok Srivastava
Witness

ASSIGNMENT

INVENTOR or INVENTORS:

JAMES M. FRYE

RICHARD C. STELL

ALOK SRIVASTAVA

DAVID BEATTIE

SUBRAMANIAN ANNAMALAI

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David Beattie

6/12/04

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

DATE _____ **JAMES M. FRYE**

Witness

DATE 6/12/04 David Beattie
DAVID BEATTIE

[Signature] 6/12/04
Witness
SOW BOON HWA

DATE _____ **RICHARD C. STELL**

Witness

DATE _____ **SUBRAMANIAN ANNAMALAI**

Witness

DATE _____ **ALOK SRIVASTAVA**

Witness

ASSIGNMENT

INVENTOR or INVENTORS:

JAMES M. FRYE

RICHARD C. STELL

ALOK SRIVASTAVA

DAVID BEATTIE

SUBRAMANIAN ANNAMALAI

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DATE _____
JAMES M. FRYE

Witness

DATE _____
DAVID BEATTIE

Witness

DATE _____
RICHARD C. STELL

Witness

DATE Dec 7, 2004 _____
SUBRAMANIAN ANNAMALAI

(Alok Srivastava)
Witness

DATE _____
ALOK SRIVASTAVA

Witness