

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>San Chhotray</td> <td>04/11/2008</td> </tr> <tr> <td>Thomas M. Rudy</td> <td>04/14/2008</td> </tr> <tr> <td>Dennis L. Juedes</td> <td>03/27/2008</td> </tr> <tr> <td>James P. Norton</td> <td>04/11/2008</td> </tr> </tbody> </table>		Name	Execution Date	San Chhotray	04/11/2008	Thomas M. Rudy	04/14/2008	Dennis L. Juedes	03/27/2008	James P. Norton	04/11/2008
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San Chhotray	04/11/2008										
Thomas M. Rudy	04/14/2008										
Dennis L. Juedes	03/27/2008										
James P. Norton	04/11/2008										
RECEIVING PARTY DATA											
Name:	ExxonMobil Research and Engineering Company										
Street Address:	1545 Route 22 East										
Internal Address:	P. O. Box 900										
City:	Annandale										
State/Country:	NEW JERSEY										
Postal Code:	08801-0900										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11808973</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11808973						
Property Type	Number										
Application Number:	11808973										
CORRESPONDENCE DATA											
Fax Number:	(703)846-7799										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	703-846-1125										
Email:	martha.l.everett@exxonmobil.com										
Correspondent Name:	ExxonMobil Research and Engineering Co.										
Address Line 1:	1545 Route 22 East										
Address Line 2:	P. O. Box 900										
Address Line 4:	Annandale, NEW JERSEY 08801-0900										
ATTORNEY DOCKET NUMBER:	P2006J051-US2										
NAME OF SUBMITTER:	Glenn T. Barrett										

CH \$40.00 11808973

Total Attachments: 3

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ASSIGNMENT
INVENTOR or INVENTORS:

San CHHOTRAY

Thomas M. RUDY

Dennis L. JUEDES

James P. NORTON

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), 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

"AN ADVANCED FIRED HEATER UNIT FOR USE IN REFINERY AND PETROCHEMICAL APPLICATIONS"

said application having been executed on the 18th day(s) of January, and being further identified as Case Number P2006J051-US2; 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 to insert 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 April 11, 2008 Inventor San Chhotray (LS) Witness James P. Norton
San CHHOTRAY

Date April 14, 2008 Inventor Thomas M. Rudy (LS) Witness San Chhotray
Thomas M. RUDY

Date _____ Inventor _____ (LS) Witness _____
Dennis L. JUEDES

Date _____ Inventor _____ (LS) Witness _____
James P. NORTON

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PATENT TRADEMARK OFFICE

Family Number: P2006J051-US2

ASSIGNMENT
INVENTOR or INVENTORS:

Sas CHHOTRAY

Thomas M. RUDY

Dennis L. JUEDES

James P. NORTON

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), 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

"AN ADVANCED FIRED HEATER UNIT FOR USE IN REFINERY AND PETROCHEMICAL APPLICATIONS"

said application having been executed on the 22nd day(s) of January, and being further identified as Case Number P20061051-US2; 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 to insert 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 _____ Inventor Sas CHHOTRAY (I.S) Witness _____

Date _____ Inventor Thomas M. RUDY (I.S) Witness _____

Date 3/27/08 Inventor Dennis L. JUEDES (I.S) Witness Barbara E. Juedes

Date _____ Inventor James P. NORTON (I.S) Witness _____

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PATENT TRADEMARK OFFICE

Family Number: P20061051-US2

ASSIGNMENT
INVENTOR or INVENTORS:

San CHHOTRAY

Thomas M. RUDY

Dennis L. JEDES

James P. NORTON

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), 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

"AN ADVANCED FIRED HEATER UNIT FOR USE IN REFINERY AND PETROCHEMICAL APPLICATIONS"

said application having been executed on the 21st day(s) of January, and being further identified as Case Number P20060651-US2; 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 to insert 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..... Inventor..... (U.S.) Witness.....
San CHHOTRAY

Date..... Inventor..... (U.S.) Witness.....
Thomas M. RUDY

Date..... Inventor..... (U.S.) Witness.....
Dennis L. JEDES

Date April 11, 2008 Inventor [Signature] (U.S.) Witness [Signature]
James P. NORTON

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Family Number: P20060651-US2