

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Randall D. Partridge	06/22/2007
Walter Weissman	06/21/2007
Bal K. Kaul	06/18/2007
Craig Y. Sabottke	06/25/2007
Sanjay K. Bhatia	06/18/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ExxonMobil Research and Engineering Company
<b>Street Address:</b>	1545 Route 22 East
<b>Internal Address:</b>	P.O. Box 900
<b>City:</b>	Annandale
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08801-0900
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11827007
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<b>ATTORNEY DOCKET NUMBER:</b>	P2006J011-US2

**CH \$40.00 11827007**

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**PATENT  
 REEL: 024642 FRAME: 0248**

NAME OF SUBMITTER:

Paul E. Purwin

Total Attachments: 1

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ASSIGNMENT  
INVENTOR or INVENTORS:

Randall D. Partridge  
Sanjay K. Bhatia

Walter Weissman

Bal K. Kaul

Craig Y. Sabotke

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

IMPROVED MEMBRANE SEPARATION PROCESS USING MIXED VAPOR-LIQUID FEED

18th, 21st,  
said application having been executed on the 22nd, 25th day(s) of June 2007, and being further identified as Case Number PEP-0703; 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 6/22/07 Inventor Randall D. Partridge (LS) Witness Ann B. Radowski  
Randall D. Partridge

Date 6/21/07 Inventor Walter Weissman (LS) Witness Rene Cooper  
Walter Weissman

Date 6/18/2007 Inventor Bal K. Kaul (LS) Witness Mary P. McGuinness  
Bal K. Kaul

Date 6/25/2007 Inventor Craig Y. Sabotke (LS) Witness [Signature]  
Craig Y. Sabotke

Date 06/18/2007 Inventor Sanjay K. Bhatia (LS) Witness Narasimhan  
Sanjay K. Bhatia

Date \_\_\_\_\_ Inventor \_\_\_\_\_ (LS) Witness \_\_\_\_\_

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