

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3731683

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	TIMOTHY C MERKEL	08/07/2014
	ZHENJIE HE	07/19/2015
RECEIVING PARTY DATA		
Name:	MEMBRANE TECHNOLOGY AND RESEARCH, INC.	
Street Address:	39630 EUREKA DRIVE	
City:	NEWARK	
State/Country:	CALIFORNIA	
Postal Code:	94560	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14330714
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	650-543-3375	
Email:	jenny.valcov@mtrinc.com	
Correspondent Name:	JENNIFER VALCOV	
Address Line 1:	39630 EUREKA DRIVE	
Address Line 4:	NEWARK, CALIFORNIA 94560	
ATTORNEY DOCKET NUMBER:	976-199	
NAME OF SUBMITTER:	JENNIFER VALCOV	
SIGNATURE:	/JV/	
DATE SIGNED:	02/09/2016	
Total Attachments: 4		
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source=194assignmentjenny#page2.tif		
source=194assignmentTim#page1.tif		
source=194assignmentTim#page2.tif		

Assignment of Invention and Patent Application

For value received,

Zhenjie He, of Fremont, CA

(hereinafter assignor) hereby assigns, transfers and sets over unto Membrane Technology and Research, Inc. of 39630 Eureka Drive, Newark, CA and his or her successors or assigns (hereinafter assignee), 100% of the following:

A) Assignor's right, title and interest in and to the invention entitled:

"GAS SEPARATION MEMBRANES BASED ON PERFLUORINATED POLYMERS"

USSN 14/184,308, invented by assignor, and filed February 19, 2014

B) The application for Patent therefor, signed by assignor

Zhenjie He on 7/19/2015 ;

C) Any patent or any reissue of any patent that may be granted thereon; and

D) Any applications that are continuations, continuations-in-part, substitutes or divisions of said application.

Assignor authorizes assignee to enter the date of signature and/or serial number and filing date in the spaces above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: 100% to assignee and 0% to assignor. (The singular shall include the plural and vice versa.)

Assignor hereby further sells, assigns, transfers and sets over unto assignee, the above percentage of assignor's entire right, title and interest in and to said invention in the United States and each and every country foreign to the United States. Assignor further conveys to assignee the above percentage of all priority rights resulting from the above-identified application.

Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, at assignee's expense, as assignee may require to enable assignee to perfect assignee's interest in

any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey and uphold the validity of said patent and reissues and extensions thereof, and assignee's interest therein.

In testimony whereof, assignor has hereunto set its hand and seal on the date below.

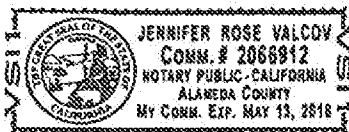
Signature Zhenjie He
Zhenjie He, State: CA

Zhenjie He, Known to me to be the person whose name is subscribed on the foregoing instrument and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 19 day of July 2015
County of Alameda State of CA

Jennifer R. Valco
My commission expires 5/13/18

SEAL



Assignment of Invention and Patent Application

For value received,

Timothy C Merkel, of Menlo Park, CA

(hereinafter assignor) hereby assigns, transfers and sets over unto Membrane Technology and Research, Inc. of 39630 Eureka Drive, Newark, CA and his or her successors or assigns (hereinafter assignee), 100% of the following:

A) Assignor's right, title and interest in and to the invention entitled:

"GAS SEPARATION MEMBRANES BASED ON PERFLUORINATED POLYMERS"
USSN 14/184,308, invented by assignor, and filed February 19, 2014

B) The application for Patent therefor, signed by assignor

Timothy C Merkel on August 7, 2014 ;

C) Any patent or any reissue of any patent that may be granted thereon; and

D) Any applications that are continuations, continuations-in-part, substitutes or divisions of said application.

Assignor authorizes assignee to enter the date of signature and/or serial number and filing date in the spaces above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: 100% to assignee and 0% to assignor. (The singular shall include the plural and vice versa.)

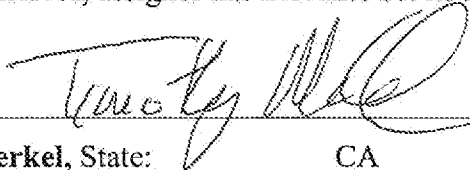
Assignor hereby further sells, assigns, transfers and sets over unto assignee, the above percentage of assignor's entire right, title and interest in and to said invention in the United States and each and every country foreign to the United States. Assignor further conveys to assignee the above percentage of all priority rights resulting from the above-identified application.

Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, at assignee's expense, as assignee may require to enable assignee to perfect assignee's interest in

any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey and uphold the validity of said patent and reissues and extensions thereof, and assignee's interest therein.

In testimony whereof, assignor has hereunto set its hand and seal on the date below.

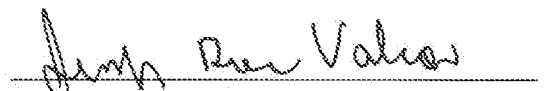
Signature



Timothy C Merkel, State: CA

Timothy C Merkel, Known to me to be the person whose name is subscribed on the foregoing instrument and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 7 day of August 2014
County of Alameda State of CA


My commission expires 5/13/2018

SEAL

