

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3406283

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS W. PAVIA	02/13/2015
WILLIAM A. BUTLER	01/05/2015
JOHN R. DELANEY	06/18/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EXXONMOBIL CHEMICAL PATENTS INC.
<b>Street Address:</b>	5200 BAYWAY DRIVE
<b>City:</b>	BAYTOWN
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77520
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14517237
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(281)834-7413
<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>	
<b>Phone:</b>	281-834-0109
<b>Email:</b>	catherine.a.haynes@exxonmobil.com
<b>Correspondent Name:</b>	EXXONMOBIL CHEMICAL COMPANY
<b>Address Line 1:</b>	P.O. BOX 2149
<b>Address Line 4:</b>	BAYTOWN, TEXAS 77522-2149
<b>ATTORNEY DOCKET NUMBER:</b>	2013EM364/2
<b>NAME OF SUBMITTER:</b>	GERARD J. HUGHES, REG. NO. 41855
<b>SIGNATURE:</b>	/Gerard J. Hughes/
<b>DATE SIGNED:</b>	06/22/2015
<b>Total Attachments: 6</b>	
source=2013EM364-US-2-2015-06-19-Assignment#page1.tif	
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source=2013EM364-US-2-2015-06-19-Assignment#page6.tif

## ASSIGNMENT

INVENTOR(S):

Thomas W. Pavia

William A. Butler

John R. Delaney

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:

**"Method and Apparatus for Reducing Condensation in Vapor-Liquid Acid Gas Scrubbers"**

and being further identified as USSN Application No.: 14/517,237;  
Atty. Docket No. 2013EM364/2, filed, October 17, 2014, 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 therefore 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 on which the above-referenced patent application was filed, as well as the application number thereof when known.

ASSIGNMENT (Cont'd.)

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

DATE 02/13/2015

Thomas W. Pavin  
Thomas W. Pavin (Inventor)

Jennifer L. Port  
Witness (Print Name)

[Signature]  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
William A. Butler (Inventor)

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE \_\_\_\_\_

\_\_\_\_\_  
John R. Delaney (Inventor)

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

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INVENTOR(S):

Thomas W. Pavia

William A. Butler

John R. Delaney

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DATE \_\_\_\_\_  
Thomas W. Pavia (Inventor)

\_\_\_\_\_  
Witness (Print Name)      Witness (Signature)

DATE January 5, 2015      William A. Butler  
William A. Butler (Inventor)

Christopher Carr      [Signature]  
Witness (Print Name)      Witness (Signature)

DATE \_\_\_\_\_  
John R. Delaney (Inventor)

\_\_\_\_\_  
Witness (Print Name)      Witness (Signature)

## ASSIGNMENT

INVENTOR(S):

Thomas W. Pavia

William A. Butler

John R. Delaney

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\_\_\_\_\_  
Thomas W. Pavia (Inventor)

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)


DATE \_\_\_\_\_

\_\_\_\_\_  
William A. Butler (Inventor)

\_\_\_\_\_  
Witness (Print Name)

\_\_\_\_\_  
Witness (Signature)

DATE June 18, 2015

  
\_\_\_\_\_  
John R. Delaney (Inventor)

Deborah Armstrong  
\_\_\_\_\_  
Witness (Print Name)

Deborah Armstrong  
\_\_\_\_\_  
Witness (Signature)