

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3689506

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOHN S. BUCHANAN	11/05/2015
	STEPHEN H. BROWN	12/01/2015
	LORENZO C. DECAUL	10/05/2015
	BRETT LOVELESS	11/05/2015
	ROHIT VIJAY	11/13/2015
	STEPHEN J. MCCARTHY	10/02/2015
	MICHEL DAAGE	11/05/2015
	MAYANK SHEKHAR	10/02/2015
RECEIVING PARTY DATA		
Name:	EXXONMOBIL CHEMICAL PATENTS INC.	
Street Address:	5200 BAYWAY DRIVE	
City:	BAYTOWN	
State/Country:	TEXAS	
Postal Code:	77520	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14829399	
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>		
Email:	chem.law.prosecution@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:	2014EM264/2	
NAME OF SUBMITTER:	AMANDA K. JENKINS REG NO 61097	
SIGNATURE:	/Amanda K Jenkins/	

DATE SIGNED:	01/11/2016
Total Attachments: 19 source=2014EM264-US-2-2016-01-11-Assignment#page1.tif source=2014EM264-US-2-2016-01-11-Assignment#page2.tif source=2014EM264-US-2-2016-01-11-Assignment#page3.tif source=2014EM264-US-2-2016-01-11-Assignment#page4.tif source=2014EM264-US-2-2016-01-11-Assignment#page5.tif source=2014EM264-US-2-2016-01-11-Assignment#page6.tif source=2014EM264-US-2-2016-01-11-Assignment#page7.tif source=2014EM264-US-2-2016-01-11-Assignment#page8.tif source=2014EM264-US-2-2016-01-11-Assignment#page9.tif source=2014EM264-US-2-2016-01-11-Assignment#page10.tif source=2014EM264-US-2-2016-01-11-Assignment#page11.tif source=2014EM264-US-2-2016-01-11-Assignment#page12.tif source=2014EM264-US-2-2016-01-11-Assignment#page13.tif source=2014EM264-US-2-2016-01-11-Assignment#page14.tif source=2014EM264-US-2-2016-01-11-Assignment#page15.tif source=2014EM264-US-2-2016-01-11-Assignment#page16.tif source=2014EM264-US-2-2016-01-11-Assignment#page17.tif source=2014EM264-US-2-2016-01-11-Assignment#page18.tif source=2014EM264-US-2-2016-01-11-Assignment#page19.tif	

ASSIGNMENT

INVENTOR(S):

<u>John S. Buchanan</u>	<u>Stephen H. Brown</u>
<u>Lorenzo C. Decaul</u>	<u>Brett Loveless</u>
<u>Rohit Vijay</u>	<u>Stephen J. McCarthy</u>
<u>Michel Daage</u>	<u>Mayank Shekhar</u>

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:

"Production of Aromatics from Methanol and Co-Feeds "

and being further identified as USSN Application No.: 14/829,399; Atty. Docket No. 2014EM264/2, filed, August 18, 2015, 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 Nov 5, 2015 John S. Buchanan
John S. Buchanan (Inventor)

Michael Lanci [Signature]
Witness (Print Name) Witness (Signature)

DATE _____
Stephen H. Brown (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Lorenzo C. Decaul (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Brett T. Loveless (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Rohit Vijay (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____

Stephen J. McCarthy (Inventor)

Witness (Print Name)

Witness (Signature)

DATE _____

Michel Daage (Inventor)

Witness (Print Name)

Witness (Signature)

DATE _____

Mayank Shekhar (Inventor)

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

<u>John S. Buchanan</u>	<u>Stephen H. Brown</u>
<u>Lorenzo C. Decaul</u>	<u>Brett Loveless</u>
<u>Rohit Vijay</u>	<u>Stephen J. McCarthy</u>
<u>Michel Daage</u>	<u>Mayank Shekhar</u>

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:

"Production of Aromatics from Methanol and Co-Feeds "

and being further identified as USSN Application No.: 14/829,399; Atty. Docket No. 2014EM264/2, filed, August 18, 2015, 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 _____
John S. Buchanan (Inventor)

Witness (Print Name) _____
Witness (Signature)
DATE 12/1/15 _____
Stephen H. Brown (Inventor)

Travis DeLazo _____
Witness (Print Name) _____
Witness (Signature)

DATE _____
Lorenzo C. Decaul (Inventor)

Witness (Print Name) _____
Witness (Signature)

DATE _____
Brett Loveless (Inventor)

Witness (Print Name) _____
Witness (Signature)

DATE _____
Rohit Vijay (Inventor)

Witness (Print Name) _____
Witness (Signature)

DATE _____
Stephen J. McCarthy (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Michel Daage (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Mayank Shekhar (Inventor)

Witness (Print Name) Witness (Signature)

ASSIGNMENT

INVENTOR(S):

<u>John S. Buchanan</u>	<u>Stephen H. Brown</u>
<u>Lorenzo C. Decaul</u>	<u>Brett Loveless</u>
<u>Rohit Vijay</u>	<u>Stephen J. McCarthy</u>
<u>Michel Daage</u>	<u>Mayank Shekhar</u>

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:

"Production of Aromatics from Methanol and Co-Feeds "

and being further identified as USSN Application No.: 14/829,399; Atty. Docket No. 2014EM264/2, filed, August 18, 2015, 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.

PATENT

REEL: 037452 FRAME: 0503

ASSIGNMENT (Cont'd.)

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

DATE _____
John S. Buchanan (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Stephen H. Brown (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Lorenzo C. Decaul (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Brett T. Loveless (Inventor)

Witness (Print Name) Witness (Signature)

DATE 11/13/15 _____
Rohit Vijay (Inventor)

ROHIT RAO _____
Witness (Print Name) Witness (Signature)

DATE _____
Stephen J. McCarthy (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Michel Daage (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Mayank Shekhar (Inventor)

Witness (Print Name) Witness (Signature)

ASSIGNMENT

INVENTOR(S):

<u>John S. Buchanan</u>	<u>Stephen H. Brown</u>
<u>Lorenzo C. Decaul</u>	<u>Brett Loveless</u>
<u>Rohit Vijay</u>	<u>Stephen J. McCarthy</u>
<u>Michel Daage</u>	<u>Mayank Shekhar</u>

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:

"Production of Aromatics from Methanol and Co-Feeds "

and being further identified as USSN Application No.: 14/829,399; Atty. Docket No. 2014EM264/2, filed, August 18, 2015, 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 _____
John S. Buchanan (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Stephen H. Brown (Inventor)

Witness (Print Name) Witness (Signature)

DATE October 5, 2015 _____
Lorenzo C. Decaul (Inventor)

Herbert W. Bassy III _____
Witness (Print Name) Witness (Signature)

DATE _____
Brett T. Loveless (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Rohit Vijay (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Stephen J. McCarthy (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Michel Daage (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Mayank Shekhar (Inventor)

Witness (Print Name) Witness (Signature)

ASSIGNMENT

INVENTOR(S):

<u>John S. Buchanan</u>	<u>Stephen H. Brown</u>
<u>Lorenzo C. Decaul</u>	<u>Brett Loveless</u>
<u>Rohit Vijay</u>	<u>Stephen J. McCarthy</u>
<u>Michel Daage</u>	<u>Mayank Shekhar</u>

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:

"Production of Aromatics from Methanol and Co-Feeds "

and being further identified as USSN Application No.: 14/829,399; Atty. Docket No. 2014EM264/2, filed, August 18, 2015, 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 _____
John S. Buchanan (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Stephen H. Brown (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Lorenzo C. Decaul (Inventor)

Witness (Print Name) Witness (Signature)

DATE 11/5/15 _____
Brett T. Loveless (Inventor)

Sharon E. Wilson _____
Witness (Print Name) Witness (Signature)

DATE _____
Rohit Vijay (Inventor)

Witness (Print Name) Witness (Signature)

DATE

October 2, 2015

Stephen J. McCarthy
Stephen J. McCarthy (Inventor)

Scott J. Weigel

Witness (Print Name)

[Signature]
Witness (Signature)

DATE

Michel Daage (Inventor)

Witness (Print Name)

Witness (Signature)

DATE

Mayank Shekhar (Inventor)

Witness (Print Name)

Witness (Signature)

DATE _____

Stephen J. McCarthy (Inventor)

Witness (Print Name)

Witness (Signature)

DATE 11/5/2015

Michel Daage
Michel Daage (Inventor)

April Ross
Witness (Print Name)

April Ross
Witness (Signature)

DATE _____

Mayank Shekhar (Inventor)

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

<u>John S. Buchanan</u>	<u>Stephen H. Brown</u>
<u>Lorenzo C. Decaul</u>	<u>Brett Loveless</u>
<u>Rohit Vijay</u>	<u>Stephen J. McCarthy</u>
<u>Michel Daage</u>	<u>Mayank Shekhar</u>

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:

"Production of Aromatics from Methanol and Co-Feeds "

and being further identified as USSN Application No.: 14/829,399; Atty. Docket No. 2014EM264/2, filed, August 18, 2015, 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.

PATENT

REEL: 037452 FRAME: 0513

ASSIGNMENT (Cont'd.)

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

DATE _____
John S. Buchanan (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Stephen H. Brown (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Lorenzo C. Decaul (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Brett Loveless (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____
Rohit Vijay (Inventor)

Witness (Print Name) Witness (Signature)

DATE _____

Stephen J. McCarthy (Inventor)

Witness (Print Name)

Witness (Signature)

DATE _____

Michel Daage (Inventor)

Witness (Print Name)

Witness (Signature)

DATE 10/2/15

Mayank Shekhar

Mayank Shekhar (Inventor)

Xiaoying Bao

Witness (Print Name)

[Signature]

Witness (Signature)