

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chunshe CAO</td> <td>09/12/2012</td> </tr> <tr> <td>Jeffrey L. ANDREWS</td> <td>09/20/2012</td> </tr> <tr> <td>Michel MOLINIER</td> <td>09/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chunshe CAO	09/12/2012	Jeffrey L. ANDREWS	09/20/2012	Michel MOLINIER	09/21/2012
Name	Execution Date								
Chunshe CAO	09/12/2012								
Jeffrey L. ANDREWS	09/20/2012								
Michel MOLINIER	09/21/2012								
RECEIVING PARTY DATA									
Name:	ExxonMobil Chemical Patents Inc.								
Street Address:	13501 Katy Freeway								
City:	Houston								
State/Country:	TEXAS								
Postal Code:	77079								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13566311</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13566311				
Property Type	Number								
Application Number:	13566311								
CORRESPONDENCE DATA									
Fax Number:	2818347413								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	281-834-1886								
Email:	catherine.a.haynes@exxonmobil.com								
Correspondent Name:	ExxonMobil Chemical Company								
Address Line 1:	P.O. Box 2149								
Address Line 4:	Baytown, TEXAS 77522-2149								
ATTORNEY DOCKET NUMBER:	2011EM231/2 813102PR								
NAME OF SUBMITTER:	Andrew Griffis, Reg. No. 36336								
<p>Total Attachments: 6</p> <p>source=2012.10.05-2011EM231-2-ExecutedAssignments#page1.tif</p> <p>source=2012.10.05-2011EM231-2-ExecutedAssignments#page2.tif</p> <p>source=2012.10.05-2011EM231-2-ExecutedAssignments#page3.tif</p> <p>source=2012.10.05-2011EM231-2-ExecutedAssignments#page4.tif</p> <p>source=2012.10.05-2011EM231-2-ExecutedAssignments#page5.tif</p> <p>source=2012.10.05-2011EM231-2-ExecutedAssignments#page6.tif</p>									

CH \$40.00 13566311

ASSIGNMENT

INVENTOR(S):

Chunshu Cao

Jeffrey L. Andrews

Michel Molinier

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 Paraxylene”

and being further identified as USSN Application No.: 13/566,311; Atty. Docket No. 2011EM231/2, filed, 08/03/2012, and all rights of priority created by said application under provisions of international conventions or treaties.

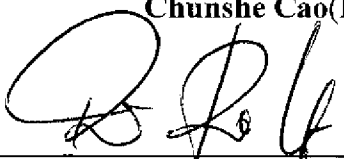
- 2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefore or registrations thereof, and any 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 9/12/2012 _____


Chunshe Cao(Inventor)

Rainer Kolb _____
Witness (Print Name) _____
Witness (Signature) _____


DATE _____

Jeffrey L. Andrews(Inventor)

Witness (Print Name) _____
Witness (Signature) _____

DATE _____

Michel Molinier(Inventor)

Witness (Print Name) _____
Witness (Signature) _____

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