

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>John Joseph Monson</td> <td>02/10/2012</td> </tr> <tr> <td>Arnold Hee-Sur Choi</td> <td>02/24/2012</td> </tr> <tr> <td>Dana Lynn Pilliod</td> <td>02/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	John Joseph Monson	02/10/2012	Arnold Hee-Sur Choi	02/24/2012	Dana Lynn Pilliod	02/09/2012		
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Dana Lynn Pilliod	02/09/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ExxonMobil Chemical Patents Inc.</td> </tr> <tr> <td>Street Address:</td> <td>13501 Katy Freeway</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77079</td> </tr> </table>		Name:	ExxonMobil Chemical Patents Inc.	Street Address:	13501 Katy Freeway	City:	Houston	State/Country:	TEXAS	Postal Code:	77079
Name:	ExxonMobil Chemical Patents Inc.										
Street Address:	13501 Katy Freeway										
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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>13900103</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13900103						
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CORRESPONDENCE DATA											
<p>Fax Number: 2818342495  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 281-834-1396        Email: shannon.m.borom@exxonmobil.com        Correspondent Name: ExxonMobil Chemical Company        Address Line 1: 5200 Bayway Drive        Address Line 4: Baytown, TEXAS 77520</p>											
ATTORNEY DOCKET NUMBER:	2011EM036-3, 813102PR										
NAME OF SUBMITTER:	Andrew B. Griffis, Reg. No.: 36,336										
Signature:	/Andrew B. Griffis/										
Date:	05/23/2013										

CH \$40.00 13900103

**Total Attachments: 6**

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ASSIGNMENT

INVENTOR(S):

John Joseph MONSONArnold Hee-Sur CHOIDana Lynn PILLIOD

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:

**“SOLVENT QUALITY CONTROL IN EXTRACTION PROCESSES”**

and being further identified as USSN Application No.: 13/345,455; Atty. Docket No. 2011EM036/2, filed January 6, 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 10 Feb 2012 John J Monson  
John Joseph MONSON

Rachel Cook Rachel Cook  
Witness (Print Name) Witness (Signature)

DATE \_\_\_\_\_ Arnold Hee-Sur CHOI

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

DATE \_\_\_\_\_ Dana Lynn PILLIOD

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

ASSIGNMENT

INVENTOR(S):

John Joseph MONSON

Arnold Hee-Sur CHOI

Dana Lynn PILLIOD

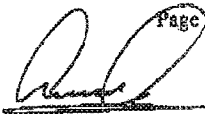
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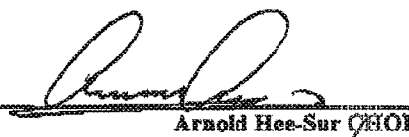
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John Joseph MONSON

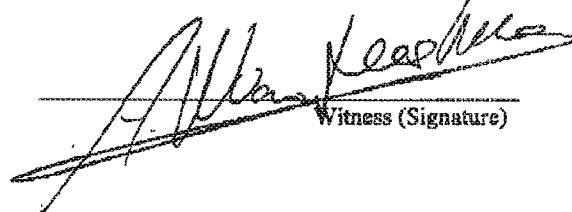
Witness (Print Name)

Witness (Signature)

DATE 24 Feb 2012

  
Arnold Hee-Sur CHOI

A.W. van Hemsbergen  
Witness (Print Name)

  
Witness (Signature)

DATE \_\_\_\_\_

Dana Lynn FILLIOD

Witness (Print Name)

Witness (Signature)

ASSIGNMENT

INVENTOR(S):

John Joseph MONSON

Arnold Hee-Sur CHOI

Dana Lynn PILLIOD

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

DATE \_\_\_\_\_ **Arnold Hee-Sur CHOI**

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

DATE Feb 9, 2012      *Dana Lynn Pilliod*  
**Dana Lynn PILLIOD**

R. ALAN SCHAEFER      *R. Alan Schaefer*  
Witness (Print Name)      Witness (Signature)