

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>Elizabeth A. Benham</td> <td>10/11/2012</td> </tr> <tr> <td>Albert P. Masino</td> <td>10/12/2012</td> </tr> <tr> <td>Qing Yang</td> <td>10/12/2012</td> </tr> <tr> <td>Randy S. Muninger</td> <td>10/12/2012</td> </tr> <tr> <td>Rebecca A. Gonzales</td> <td>10/17/2012</td> </tr> </tbody> </table>		Name	Execution Date	Elizabeth A. Benham	10/11/2012	Albert P. Masino	10/12/2012	Qing Yang	10/12/2012	Randy S. Muninger	10/12/2012	Rebecca A. Gonzales	10/17/2012
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Rebecca A. Gonzales	10/17/2012												
RECEIVING PARTY DATA													
Name:	Chevron Phillips Chemical Company LP												
Street Address:	10001 Six Pines Drive												
City:	The Woodlands												
State/Country:	TEXAS												
Postal Code:	77380												
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>13655024</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13655024								
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CORRESPONDENCE DATA													
Fax Number:	2819704503												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	2819704545												
Email:	docket@fyiplaw.com												
Correspondent Name:	FLETCHER YODER (CHEVRON PHILLIPS)												
Address Line 1:	P.O. Box 692289												
Address Line 4:	Houston, TEXAS 77269-2289												
ATTORNEY DOCKET NUMBER:	CPCM:0086												
NAME OF SUBMITTER:	William Allen Powell												
Total Attachments: 6													

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **Chevron Phillips Chemical Company LP** (the "Assignee"), a corporation of the State of Delaware, having a place of business at **10001 Six Pines Dr., The Woodlands, Texas 77380**, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**SYSTEM AND METHOD FOR CATALYST PREPARATION**," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 47514 may insert additional information identifying this application below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information

U.S. Provisional Application Serial No. _____, filed on _____.

U.S. Non-Provisional Application Serial No. _____, filed on _____.

International Application Serial No. _____, filed on _____.

INVENTOR 1:

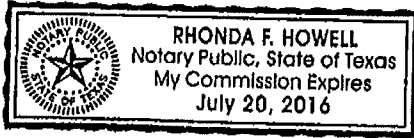
Elizabeth A. Benham
Elizabeth A. Benham

Date: Oct. 11, 2012

STATE OF TEXAS)
) §§.
COUNTY OF HARRIS)

This 11th day of October, 2012 before me personally came the above-named **Elizabeth A. Benham**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Rhonda F. Howell
(Notary Public)

INVENTOR 2:

Albert P. Masino
Albert P. Masino

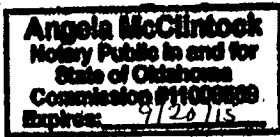
Date: 10/12/2012

STATE OF Oklahoma,
COUNTY OF Washington) §§.

This 12 day of October, 2012 before me personally came the above-named **Albert P. Masino**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Angela McClintock
(Notary Public)



INVENTOR 3:

Qing Yang
Qing Yang

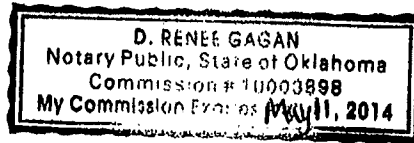
Date: 10/12/2012

STATE OF
Oklahoma)
COUNTY OF) §§.
Washington)
12th

This 12 day of October, 2012 before me personally came the above-named Qing Yang, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

D. Renee Gagan
(Notary Public)



INVENTOR 4:

Randy S. Muninger
Randy S. Muninger

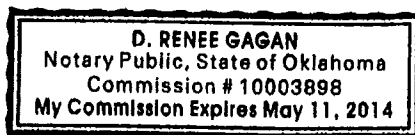
Date: 10/12/2012

STATE OF)
Oklahoma) §§.
COUNTY OF,)
Washington

This 12th day of October, 2012 before me personally came the above-named **Randy S. Muninger**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

D. Renee Gagan
(Notary Public)



INVENTOR 5:

Rebecca A. Gonzales
Rebecca A. Gonzales

Date: 10/17/2012

STATE OF)
) §§.
COUNTY OF)

This 17th day of October, 2012 before me personally came the above-named **Rebecca A. Gonzales**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Rhonda F. Howell
(Notary Public)

