

Clarke, Modet & C^o

COLOMBIA

P-3188

SUPERINTENDENCIA DE INDUSTRIA Y
DIVISION DE NUEVAS CREACIONES
E. S. D.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
No. 11-177571-00002-0000
Fecha: 2012-04-04 12:46:05 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 444 RESPUESTAREQUE Folios: 9

Ref.: Expediente No. 11.177.571
Solicitud de Patente a nombre de
Chevron Phillips Chemical Company LP

Yo, DILIA MARÍA RODRÍGUEZ D'ALEMAN, identificada como aparece al pie de mi firma, domiciliada en la Carrera 11 No. 86-53, piso 6, obrando como apoderada de la sociedad **Chevron Phillips Chemical Company LP**, solicitante de la patente de la referencia, en respuesta al oficio No. 3221 notificado por fijación en lista el día 01 de Marzo de 2012, atentamente me permito presentar:

1. Documentos donde consta la cesión del derecho a la patente otorgada por los inventores a favor de mi mandante.

Sobre los apartes en inglés, es importante resaltar que de conformidad con las normas legales vigentes, artículo 1 de la Resolución 210 de 2001, expedida por el Superintendente de Industria y Comercio y artículo 2 de la Convención de la Haya, el documento en inglés que se pretenda aportar como parte de los trámites de propiedad industrial ante la Superintendencia de Industria y Comercio no requieren traducción. Por otro lado, la legalización consular y/o diplomática de los documentos expedidos en el extranjero no es necesaria. Por lo tanto, los documentos anexos a este memorial son válidamente presentados en idioma inglés y con la correspondiente apostilla.

Espero con esto haber dado cabal cumplimiento a lo solicitado por ese despacho y de conformidad con lo indicado en los artículos 3º, inciso 3, 35 inciso 2 y 59 inciso 2 del CCA, al analizar este memorial, atentamente ruego se traten todas las cuestiones planteadas con motivo del mismo.

Señor Superintendente,



DILIA MARÍA RODRÍGUEZ D'ALEMAN
C.C. 41.654.882 de Bogotá.
T.P. 20824 CSJ

APOSTILLE*(Convention de La Haye du 5 octobre 1961)*

1. Country: United States of America

This public document

2. has been signed by W. Montgomery

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of U.S. Patent and Trademark Office

Certified

5. at Washington, D.C.

6. the thirteenth of March, 2012

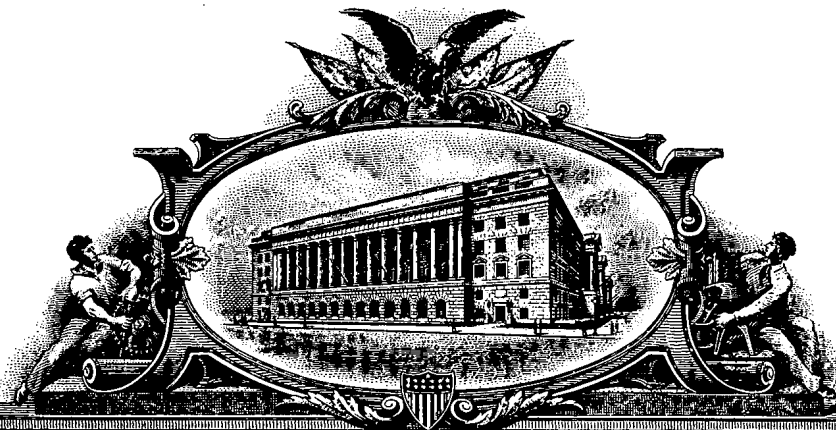
7. by Assistant Authentication Officer, United States Department of State

8. No. 12021794-6

9. Seal/Stamp:

10. Signature:

William F. Finlan



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

February 07, 2012

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
AUGUST 24, 2010.

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



W. Montgomery
W. MONTGOMERY
Certifying Officer

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>REX E. MURRAY</td><td>07/27/2010</td></tr><tr><td>WILLIAM B. BEAULIEU</td><td>07/27/2010</td></tr><tr><td>QING YANG</td><td>07/27/2010</td></tr><tr><td>ERRUN DING</td><td>08/10/2010</td></tr><tr><td>GARY L. GLASS</td><td>07/27/2010</td></tr><tr><td>ALAN L. SOLENBERGER</td><td>07/27/2010</td></tr><tr><td>STEVE J. SECORA</td><td>07/27/2010</td></tr></tbody></table>		Name	Execution Date	REX E. MURRAY	07/27/2010	WILLIAM B. BEAULIEU	07/27/2010	QING YANG	07/27/2010	ERRUN DING	08/10/2010	GARY L. GLASS	07/27/2010	ALAN L. SOLENBERGER	07/27/2010	STEVE J. SECORA	07/27/2010
Name	Execution Date																
REX E. MURRAY	07/27/2010																
WILLIAM B. BEAULIEU	07/27/2010																
QING YANG	07/27/2010																
ERRUN DING	08/10/2010																
GARY L. GLASS	07/27/2010																
ALAN L. SOLENBERGER	07/27/2010																
STEVE J. SECORA	07/27/2010																
RECEIVING PARTY DATA																	
<table border="1"><tr><td>Name:</td><td>Chevron Phillips Chemical Company LP</td></tr><tr><td>Street Address:</td><td>10001 Six Pines Drive</td></tr><tr><td>City:</td><td>The Woodlands</td></tr><tr><td>State/Country:</td><td>TEXAS</td></tr><tr><td>Postal Code:</td><td>77380</td></tr></table>		Name:	Chevron Phillips Chemical Company LP	Street Address:	10001 Six Pines Drive	City:	The Woodlands	State/Country:	TEXAS	Postal Code:	77380						
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>12824491</td></tr></tbody></table>		Property Type	Number	Application Number:	12824491												
Property Type	Number																
Application Number:	12824491																
CORRESPONDENCE DATA																	
Fax Number: (404)954-5099 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 4049545100																	
Email: akwon@merchantgould.com																	
Correspondent Name: MERCHANT & GOULD CHEVRON PHILLIPS																	
Address Line 1: P.O. BOX 2903																	
Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903																	
ATTORNEY DOCKET NUMBER:	60293.0043USU1																

501270331

PATENT
REEL: 024877 FRAME: 0001

OP \$40.00 12824491

NAME OF SUBMITTER:	Todd J. Obijeski
Total Attachments: 4 source=0043usu1_Executed_Assignment#page1.tif source=0043usu1_Executed_Assignment#page2.tif source=0043usu1_Executed_Assignment#page3.tif source=0043usu1_Executed_Assignment#page4.tif	

PATENT
REEL: 024877 FRAME: 0002

5

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 Drive, 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 "USE OF HYDROGEN SCAVENGING CATALYSTS TO CONTROL POLYMER MOLECULAR WEIGHT AND HYDROGEN LEVELS IN A POLYMERIZATION REACTOR," with joint inventors Rex E. Murray, William B. Beaulieu, Qing Yang, Errun Ding, Gary L. Glass, Alan L. Solenberger, and Steve J. Secora, filed in the U.S. Patent and Trademark Office on June 28, 2010, and assigned Serial No. 12/824,491; 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 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.

(Signature): Rex E. Murray
Name: REX E. MURRAY

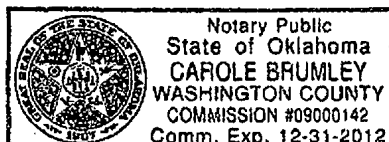
7 QEM
Date: 2/27/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 27 day of July, 2010, personally appeared REX E. MURRAY, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

4819620-1



Carole Brumley
Notary or Consular Officer

Page 1 of 4

PATENT
REEL: 024877 FRAME: 0003

6

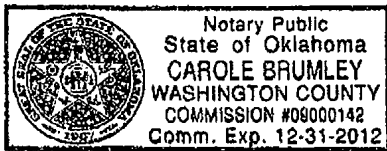
(Signature): William B. Beaulieu
Name: WILLIAM B. BEAULIEU

Date: 7/27/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 27 day of July, 2010, personally appeared WILLIAM B. BEAULIEU, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Carol Brumley
Notary or Consular Officer

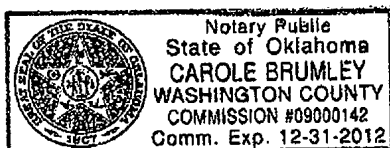
(Signature): Qing Yang
Name: QING YANG

Date: 7/27/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 27 day of July, 2010, personally appeared QING YANG, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Carol Brumley
Notary or Consular Officer

(Signature): [Signature]
Name: ERRUN DING

Date: 8/10/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 10 day of Aug, 2010, personally appeared ERRUN DING, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



[Signature]
Notary or Consular Officer

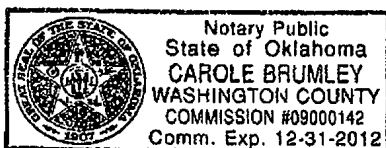
(Signature): [Signature]
Name: GARY L. GLASS

Date: 7/27/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 27 day of July, 2010, personally appeared GARY L. GLASS, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



[Signature]
Notary or Consular Officer

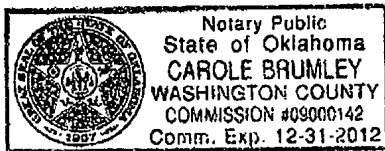
(Signature): Alan L. Solenberger
Name: ALAN L. SOLENBERGER

Date: 7/27/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 27 day of July, 2010, personally appeared ALAN L. SOLENBERGER, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Carol Brumley
Notary or Consular Officer

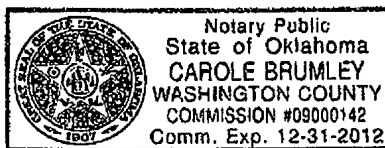
(Signature): Steve J. Secora
Name: STEVE J. SECORA

Date: 7/27/2010

STATE OF Oklahoma §
COUNTY OF Washington § ss.
§

BEFORE ME, the undersigned authority, on this 27 day of July, 2010, personally appeared STEVE J. SECORA, known to me to be the person whose name subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



Carol Brumley
Notary or Consular Officer