

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

09/02/2010  
501280587

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the order of the inventors' names previously recorded on Reel 024881 Frame 0453. Assignor(s) hereby confirms the assignment of assignors interest.																						
CONVEYING PARTY DATA																							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Brooke L. Small</td><td>08/17/2010</td></tr><tr><td>Kenneth D. Hope</td><td>08/17/2010</td></tr><tr><td>Qing Yang</td><td>08/05/2010</td></tr><tr><td>Albert P. Masino</td><td>08/12/2010</td></tr><tr><td>Max P. McDaniel</td><td>08/09/2010</td></tr><tr><td>Richard M. Buck</td><td>08/08/2010</td></tr><tr><td>William B. Beaulieu</td><td>08/05/2010</td></tr><tr><td>Eduardo J. Baralt</td><td>08/17/2010</td></tr><tr><td>Eric J. Netemeyer</td><td>08/04/2010</td></tr><tr><td>Bruce Kreischer</td><td>08/23/2010</td></tr></tbody></table>		Name	Execution Date	Brooke L. Small	08/17/2010	Kenneth D. Hope	08/17/2010	Qing Yang	08/05/2010	Albert P. Masino	08/12/2010	Max P. McDaniel	08/09/2010	Richard M. Buck	08/08/2010	William B. Beaulieu	08/05/2010	Eduardo J. Baralt	08/17/2010	Eric J. Netemeyer	08/04/2010	Bruce Kreischer	08/23/2010
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CORRESPONDENCE DATA																							
Fax Number: (404)853-8806 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																							
Phone: (404) 853-8072																							
Email: david.wigley@sutherland.com																							

CH \$40.00 12816077

TO:DAVID E. WIGLEY, PH.D. COMPANY:999 PEACHTREE STREET, N.E.

Correspondent Name: David E. Wigley, Ph.D.	
Address Line 1: 999 Peachtree Street, N.E.	
Address Line 4: Atlanta, GEORGIA 30309-3996	
ATTORNEY DOCKET NUMBER:	29604-0009
NAME OF SUBMITTER:	David E. Wigley
Total Attachments: 4 source=29604-0009 Assignment Recordation Cover Sheet#page1.tif source=29604-0009 Assignment Recordation Cover Sheet#page2.tif source=29604-0009 Assignment Recordation Cover Sheet#page3.tif source=29604-0009 Assignment Recordation Cover Sheet#page4.tif	

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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08/24/2010  
 501271094

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																						
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Address Line 4: Atlanta, GEORGIA 30309-3896	
ATTORNEY DOCKET NUMBER:	29604-0009
NAME OF SUBMITTER:	David E. Wigley
<p>Total Attachments: 10</p> <p>source=29604_0009_Executed_Assignment#page1.tif</p> <p>source=29604_0009_Executed_Assignment#page2.tif</p> <p>source=29604_0009_Executed_Assignment#page3.tif</p> <p>source=29604_0009_Executed_Assignment#page4.tif</p> <p>source=29604_0009_Executed_Assignment#page5.tif</p> <p>source=29604_0009_Executed_Assignment#page6.tif</p> <p>source=29604_0009_Executed_Assignment#page7.tif</p> <p>source=29604_0009_Executed_Assignment#page8.tif</p> <p>source=29604_0009_Executed_Assignment#page9.tif</p> <p>source=29604_0009_Executed_Assignment#page10.tif</p>	

## 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 "**Oligomerization of Alpha-Olefins Using Metallocene-SSA Catalyst Systems and Use of the Resultant PAO's to Prepare Lubricant Blends**" filed in the U.S. Patent and Trademark Office on **June 15, 2010**, and assigned Serial No. **12/816,077**; 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;

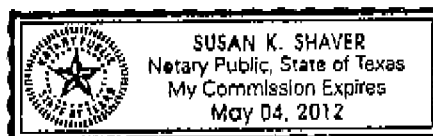
**TO BE BINDING** on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature): Brooke L. Small  
Name: **Brooke L. Small**

Date: 17 Aug 2010

STATE OF Texas §  
COUNTY OF Harris § ss.  
§

BEFORE ME, the undersigned authority, on this 17th day of August, 2010, personally appeared **Brooke L. Small** 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.



Susan K. Shaver  
Notary or Consular Officer

[SEAL.]

**PATENT**  
**REEL: 024947 FRAME: 0779**

(Signature):

Name: Kenneth D. Hope

Date:

8/17/10

STATE OF

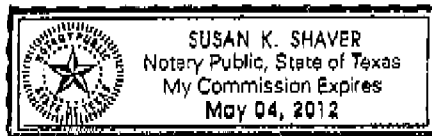
Texas

COUNTY OF

Harris

ss.  
ss.  
ss.

BEFORE ME, the undersigned authority, on this 17th day of August, 2010, personally appeared **Kenneth D. Hope** 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.

Susan K. Shaver

Notary or Consular Officer

[SEAL]

(Signature):

  
Name: Qing Yang

Date:

8/5/2010

STATE OF Oklahoma §  
COUNTY OF Washington § ss.  
§

BEFORE ME, the undersigned authority, on this 5 day of Aug, 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.



Notary or Consular Officer

[SEAL]



(Signature): Albert P. Masino  
Name: Albert P. Masino

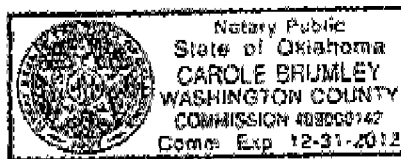
Date: 8-12-2010

STATE OF Oklahoma ss.  
COUNTY OF Washington

BEFORE ME, the undersigned authority, on this 8<sup>th</sup> day of August, 2010, personally appeared Albert P. Masino 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.

Carole Brumley  
Notary or Consular Officer

[SEAL]





5

211244US01

12/816077

(Signature): Max P. McDaniel  
Name: Max P. McDaniel

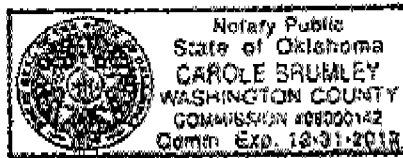
Date: 8-9-10

STATE OF Oklahoma §  
COUNTY OF Washington § ss.  
§

BEFORE ME, the undersigned authority, on this 9<sup>th</sup> day of August, 2010, personally appeared **Max P. McDaniel** 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.

Carole Brumley  
Notary or Consular Officer

[SEAL]



(Signature): Richard M. Buck  
Name: Richard M. Buck

Date: 8/6/2010

STATE OF Oklahoma §  
COUNTY OF Washington § ss.  
§

BEFORE ME, the undersigned authority, on this 6 day of Aug, 2010, personally appeared Richard M. Buck 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.

Shanda Davis  
Notary or Consular Officer

[SEAL]



(Signature):

William B. Beaulieu

Name: William B. Beaulieu

Date:

Aug 5, 2010

STATE OF

Oklahoma

§

§ §.

COUNTY OF

Washington

§

BEFORE ME, the undersigned authority, on this 5 day of Aug, 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.

Spencer Quinn

Notary or Consular Officer

[SEAL]



(Signature)

Eduardo J. Baralt  
Name: Eduardo J. BaraltDate: 8-17-10

STATE OF

Texas

§

COUNTY OF

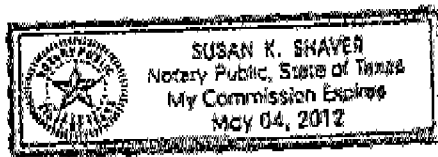
Harris

§

ss.

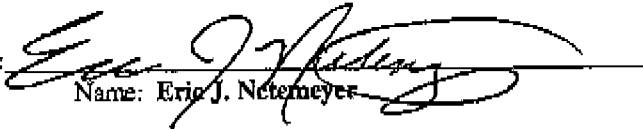
§

BEFORE ME, the undersigned authority, on this 17th day of August, 2010, personally appeared **Eduardo J. Baralt** 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.

Susan K. Shaver  
Notary or Consular Officer

{SEAL}

(Signature):

  
Name: Eric J. Netemeyer

Date:

8-4-2010

STATE OF

Oklahoma

§

§ ss.

COUNTY OF

Washington

§

BEFORE ME, the undersigned authority, on this 4<sup>th</sup> day of August, 2010, personally appeared Eric J. Netemeyer 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.



Notary or Consular Officer

TERI L. BALDWIN

Notary Public  
State of Oklahoma

Commission # 07003875 Expires 04/19/11

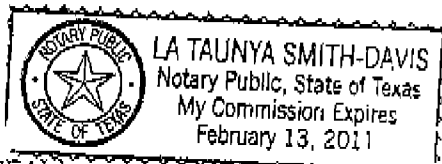
[SEAL]

(Signature): Bruce Kreischer  
Name: **Bruce Kreischer**

Date: 8/23/2010

STATE OF Texas §  
COUNTY OF Harris § ss.  
§

BEFORE ME, the undersigned authority, on this 23<sup>rd</sup> day of August, 2010, personally appeared **Bruce Kreischer** 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]

La Taunya Smith-Davis  
Notary or Consular Officer