

05-25-2005

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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RECOF 5/19/05 103009288	
To the Director of the U.S. Patent and Trademark Office, or the new address(es) below.	
1. Name of conveying party(ies)/Execution Date(s): Mitchell D. Refvik (March 30, 2005) Daniel M. Hasenberg (April 21, 2005) Michael S. Hankinson (April 7, 2005) Michael S. Matson (March 30, 2005) Execution Date(s) Please see above Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Chevron Phillips Chemical Company, LP</u> Internal Address: <u>Law Dept - IP</u> Street Address: <u>PO Box 4910</u> City: <u>The Woodlands</u> State: <u>Texas</u> Country: <u>USA</u> Zip: <u>77387-4910</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/060,675</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Chevron Phillips Chemical Company, LP</u> Internal Address: <u>Law Dept - IP</u> Street Address: <u>PO Box 4910</u> City: <u>The Woodlands</u> State: <u>Texas</u> Zip: <u>77387-4910</u> Phone Number: _____ Fax Number: _____ Email Address: _____	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-1629</u> Authorized User Name <u>Kimberly L. Brown</u>
9. Signature: <u>Kimberly L. Brown</u> <u>May 19, 2005</u> Signature Date Kimberly L. Brown Name of Person Signing Total number of pages including cover sheet, attachments, and documents: <u>6</u>	

Documents to be recorded (including cover sheet) should be faxed to (703) 306-6995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

05/25/2005 6T0N11 00000007 501629 11060675

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PATENT
REEL: 016584 FRAME: 0449

Additional names and dates of conveying parties:

Dale M. Solaas (May 2, 2005)

Steven J. Herron (April 18, 2005)

Jim D. Byers (April 1, 2005)

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 77387**, 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 **"THIOL ESTER COMPOSITIONS AND PROCESSES FOR MAKING AND USING SAME** 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): Mitchell D Refvik
Name: **Mitchell D. Refvik**

Date: March 30, 2005

STATE OF Oklahoma §
COUNTY OF Osage § ss.
§

BEFORE ME, the undersigned authority, on this 30th day of March, 2005 personally appeared **Mitchell D. Refvik** 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.

Zere S. Baldwin
Notary or Consular Officer

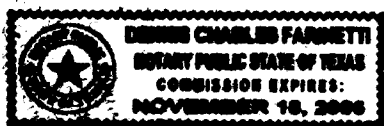
[SEAL]

(Signature): Daniel M. Hasenberg
Name: Daniel M. Hasenberg

Date: April 21, 2005

STATE OF TEXAS §
COUNTY OF HARRIS § SS.
§

BEFORE ME, the undersigned authority, on this 20 day of April, 2005, personally appeared **Daniel M. Hasenberg** 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.



Dennis Charles Farnetti
Notary or Consular Officer

[SEAL]

(Signature): Michael S. Hankinson
Name: Michael S. Hankinson

Date: 4/7/05

STATE OF Oklahoma §
COUNTY OF Osage § SS.
§

BEFORE ME, the undersigned authority, on this 7th day of April, 2005, personally appeared **Michael S. Hankinson** 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.

Leri L. Baldwin
Notary or Consular Officer

[SEAL]

(Signature): Michael S. Matson
Name: **Michael S. Matson**

Date: March 30, 2005

STATE OF Oklahoma §
COUNTY OF Craig § ss.
§

BEFORE ME, the undersigned authority, on this 30th day of March, 2005, personally appeared **Michael S. Matson** 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.

Zeri L. Baldwin
Notary or Consular Officer

[SEAL]

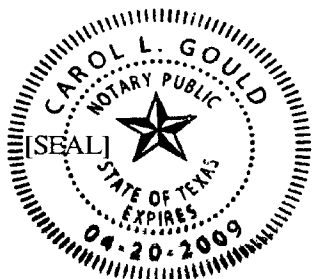
(Signature): Dale M. Solaas
Name: **Dale M. Solaas**

Date: 5-2-2005

STATE OF Texas §
COUNTY OF Hutchinson § ss.
§

BEFORE ME, the undersigned authority, on this 2 day of May, 2005, personally appeared **Dale M. Solaas** 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.

Carol L. Gould
Notary or Consular Officer



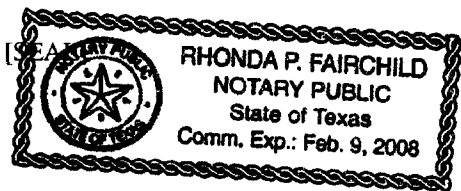
(Signature): Steven J. Herron
Name: **Steven J. Herron**

Date: 4/18/05

STATE OF Texas §
COUNTY OF Montgomery § ss.
§

BEFORE ME, the undersigned authority, on this 18 day of April, ~~2004~~ 2005, personally appeared **Steven J. Herron** 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.

Rhonda P. Fairchild
Notary or Consular Officer



(Signature): Jim D. Byers
Name: **Jim D. Byers**

Date: 4-1-05

STATE OF Oklahoma §
COUNTY OF Osage § ss.
§

BEFORE ME, the undersigned authority, on this 1st day of April, 2005 personally appeared **Jim D. Byers** 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.

Leri L. Baldwin
Notary or Consular Officer

[SEAL]