



02-22-2002



RECORDATION FC PATENT 101991056

DEPARTMENT OF COMMERCE and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Saleh A. Elomari Richard N. Reynolds Steven J. Herron Additional name(s) of conveying party(ies) attached? [] Yes [x] No

2-11-02

2. Name and address of receiving party(ies) Name: Chevron Phillips Chemical Company LP Internal Address:

3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 01/3/02; 02/04/02; 02/04/02

Street Address: 1301 McKinney, Suite 3446 City: Houston State: TX Zip: 77026 Additional name(s) & address(es) attached? [] Yes [x] No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/892,177 B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Hsiang-ning Sun Internal Address: Street Address: 1301 McKinney, Suite 3446 City: Houston State: TX Zip: 77010

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 [] Enclosed [x] Authorized to be charged to deposit account 8. Deposit account number: 50-1629

DO NOT USE THIS SPACE

9. Signature. Hsiang-ning "Sean" Sun Name of Person Signing

Signature

2-11-02 Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

02/22/2002 AMWED1 00000058 501629 09892177 01 FC:581 40.00 CH

PATENT REEL: 012586 FRAME: 0423

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"), having a place of business at 1301 McKinney, Suite 3447, Houston, Texas 77010, 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 "PROCESS FOR THE REMOVAL OF CONJUGATED OLEFINS FROM A MONOOLEFIN STREAM" 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 execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and 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: Steven J Herron
Name: Steven J. Herron

Date: 1-31-02

STATE OF TEXAS)
) ss.
COUNTY OF Harris)

BEFORE ME, the undersigned authority, on this 31st day of JANUARY, 2002, personally appeared STEVEN J. HERRON, known to me to be the person whose name is 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.

[Signature]
Notary or Consular Officer



[SEAL]

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"), having a place of business at 1301 McKinney, Suite 3447, Houston, Texas 77010, 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 "**PROCESS FOR THE REMOVAL OF CONJUGATED OLEFINS FROM A MONOOLEFIN STREAM**" 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 execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and 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: Richard N. Reynolds Date: 2/04/02
Name: Richard N. Reynolds

STATE OF CALIFORNIA)
) ss.
COUNTY OF Contra Costa)

BEFORE ME, the undersigned authority, on this 4th day of February, 2002, personally appeared RICHARD N. REYNOLDS, known to me to be the person whose name is 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.

Charles E. Fry
Notary or Consular Officer
Witness

[SEAL]