



08-19-2002



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Form PTO-1595 (Rev. 03/01)

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OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

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

1. Name of conveying party(ies):

Dan M. Hasenberg
Mitchell D. Refvik
Michael S. Matson

8-13-02

2. Name and address of receiving party(ies)

Name: Chevron Phillips Chemical Company LP

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: P. O. Box 4910

City: The Woodlands State: TX Zip: 77387

Execution Date: 7/19/02; 7/19/02; 7/18/02

Additional name(s) & address(es) attached? Yes 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)
10/156582

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Chevron Phillips Chemical Company LP

Internal Address:

Street Address: P. O. Box 4910

City: The Woodlands State: TX Zip: 77387

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

50-1629

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Asiang-ning Sun
Name of Person Signing

Signature

8-5-02
Date

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

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Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 013192 FRAME: 0556

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 3446, 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 to Isomerize 1-Butene to 2-Butene**" 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: Dan M. Hasenberg
Name: Dan M. Hasenberg

Date: July 19, 2002

STATEMENT BY WITNESS

Ronald D. Knudsen
I, Ronald D. Knudsen, whose full post office address is 1412 Meadow Lane, Bartlesville, Oklahoma 74006, was personally present and did see Dan M. Hasenberg, who is known to me, execute the above Assignment on July 19, 2002,

Signature: Mitchell D Refvik
Name: Mitchell D. Refvik

Date: 7-19-02

STATEMENT BY WITNESS

I, Stan A. Jones, whose full post office address is 2807 KINGSTON CT, BARTLESVILLE
OK, 74004, was personally present and did see Mitchell D. Refvik, who is known to me, execute
the above Assignment on 7/19, 2002,

Signature: Michael S. Matson
Name: Michael S. Matson

Date: 7-18-02

STATEMENT BY WITNESS

I, Jim D. Byars, whose full post office address is 1457 SE Calkde Drive Bville OK
74006, was personally present and did see Michael S. Matson, who is known to me, execute
the above Assignment on 7-18, 2002,