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1-30-02

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

1. Name of conveying party(ies):

Terry V. CLAIBOURN - November 21, 2000
Phillip J. HAMILTON - November 22, 2000

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

2. Name and address of receiving party(ies):

EQUILON ENTERPRISES LLC
1100 Louisiana,
P.O. Box 4453
Houston, Texas 77002

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **November 21 & 22, 2000**

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). **09/576,456**

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: **Kim Muller**
Shell Oil Company
Intellectual Property
P.O. Box 2463
910 Louisiana
Houston, Texas 77252-2463

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:
19-1800
 (Attach duplicate copy of this page if paying by deposit account)

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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.

Kim Muller Kim Muller 12/12/01
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 12-12-01 Fanny Clanch

ASSIGNMENT

WHEREAS, we, TERRY V. CLAIBOURN AND PHILLIP J. HAMILTON, have made a certain improvement in IMPROVED ALKYLATION PROCESS USING REFRACTIVE INDEX ANALYZER for which application papers for United States Patent thereon, identified as TH-1758 (US), have been executed by us, and,

WHEREAS, EQUILON ENTERPRISES LLC, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said EQUILON ENTERPRISES LLC, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of EQUILON ENTERPRISES LLC or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of EQUILON ENTERPRISES LLC to execute such separate deed to EQUILON ENTERPRISES LLC or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which EQUILON ENTERPRISES LLC desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to EQUILON ENTERPRISES LLC.

IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

Witnesses:


Terry V. Claibourn

(Witness)

11-21-2000

Date

(Witness)

Phillip J. Hamilton

(Witness)

Date

(Witness)

ASSIGNMENT

WHEREAS, we, TERRY V. CLAIBOURN AND PHILLIP J. HAMILTON, have made a certain improvement in IMPROVED ALKYLATION PROCESS USING REFRACTIVE INDEX ANALYZER for which application papers for United States Patent thereon, identified as TH-1758 (US), have been executed by us, and,

WHEREAS, EQUILON ENTERPRISES LLC, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said EQUILON ENTERPRISES LLC, its successors and assigns, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of EQUILON ENTERPRISES LLC or whomsoever that company may nominate, and to claim the priority of the above-named United States application under the International Convention of Paris of 1883.

With respect to any country where for the filing of such an application and/or the transfer of priority rights a separate deed of sale, assignment or transfer is required, we will undertake at the request of EQUILON ENTERPRISES LLC to execute such separate deed to EQUILON ENTERPRISES LLC or to whomsoever that company may nominate.

And we hereby agree that we will upon request execute any instrument which EQUILON ENTERPRISES LLC desires to carry this assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned United States applications or any foreign application on this invention.

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IN TESTIMONY WHEREOF, we have hereunto subscribed our names.

Witnesses:

Terry V. Claibourn

(Witness)

Date

(Witness)

Phillip J. Hamilton

Phillip J. Hamilton

(Witness)

November 22, 2000

Date

(Witness)