



To the Honorable Commissioner of Patents

101160637

of original documents or copy thereof.

1. Name of conveying party(ies):

BIPIN V. VORA  
TERRY L. MARKER  
PAUL T. BARGER

MPO  
9/30/99

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

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

Name: UOP LLC  
Internal address:  
Street Address: 25 EAST ALGONQUIN ROAD  
P.O. BOX 5017

30

City: DES PLAINES State: ILLINOIS Zip: 60017-5017

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

3. Nature of conveyance:

XXX Assignment Merger  
Security Agreement Change of Name  
Other

Execution Date: 4/9/98, 4/9/98, 4/10/98

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)

09/059,906

B. Patent No.(s)

Additional numbers attached? Yes XXX No

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

Name: UOP LLC  
Internal address: ATTN: THOMAS K. MCBRIDE  
Street Address: 25 EAST ALGONQUIN ROAD  
P.O. BOX 5017  
City: DES PLAINES State: ILLINOIS Zip: 60017-5017

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00  
Enclosed  
XXX Authorized to be charged to deposit account

8. Deposit account number:

21-0600

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

10/01/1999 DNGUYEN 00000547 210600 09059906

DO NOT USE THIS SPACE

01 FC:581 40.00 CH

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.

RICHARD P. SILVERMAN

Name of Person Signing

Signature

28 SEPT. 99

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

# ASSIGNMENT

WHEREAS, BIPIN V. VORA, a citizen of the UNITED STATES OF AMERICA, residing in the City of DARIEN in the County of DU PAGE and State of ILLINOIS; TERRY L. MARKER, a citizen of the UNITED STATES OF AMERICA, residing in the City of WARRENVILLE in the County of DU PAGE and State of ILLINOIS; and PAUL T. BARGER, a citizen of the UNITED STATES OF AMERICA, residing in the City of ARLINGTON HEIGHTS, in the County of COOK and State of ILLINOIS; and hereinafter referred to as inventors have invented certain new and useful improvements entitled ENHANCED LIGHT OLEFIN PRODUCTION for which inventors are about to file a United States provisional patent application and/or an application for Letters Patent of the United States, bearing docket number 102347-RPS; and

WHEREAS, UOP LLC, a company organized and existing under the laws of the State of Delaware having a principal place of business at Des Plaines, Illinois, is desirous of acquiring an interest in and to said application(s), the invention(s) disclosed therein, and the Letters Patent of the United States that may be issued thereon.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations, the receipt of which is hereby acknowledged, said inventors do hereby transfer, set over and assign unto said UOP LLC, its successors and assigns, the entire right, title and interest in, to and under said provisional application and/or application for Letters Patent, and the invention(s) covered thereby, and the resultant patent or patents thereon, or any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, including all foreign rights thereunder, all such inventions as fully set forth and described in the United States provisional patent application and/or the application for Letters Patent of the United States executed by inventors on the date specified below. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Bipin V. Vora  
Signature of: BIPIN V. VORA

April 9<sup>th</sup>, 98  
Date

4/9/98  
Date Executed  
Application for Letters Patent

State of ILLINOIS

County of COOK

Before me, on this day, 4/9/98, personally appeared BIPIN V. VORA, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

Darla Jane Kutilek  
Notary Public

SEAL  
"OFFICIAL SEAL"  
DARLA JANE KUTILEK  
NOTARY PUBLIC, STATE OF ILLINOIS  
MY COMMISSION EXPIRES 6/20/2001

Terry L. Marker  
Signature of: TERRY L. MARKER

04/09/98  
Date

4/9/98  
Date Executed

Application for Letters Patent

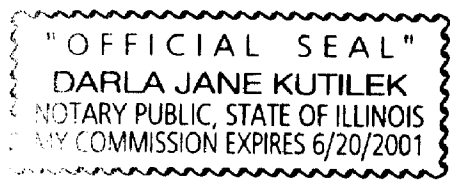
State of ILLINOIS

County of COOK

Before me, on this day, 4/9/98, personally appeared TERRY L. MARKER, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

Darla Jane Kutilek  
Notary Public

SEAL



Paul T. Barger  
Signature of: PAUL T. BARGER

4/10/98  
Date

4/10/98  
Date Executed

Application for Letters Patent

State of ILLINOIS

County of COOK

Before me, on this day, April 10, 1998, personally appeared PAUL T. BARGER, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

Susan G. Burt  
Notary Public

SEAL

