

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Tom N. Kalnes Daniel H. Wei Bryan K. Glover Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>UOP LLC</u> Internal Address: _____ _____ Street Address: <u>25 EAST ALGONQUIN ROAD</u> <u>P.O. BOX 5017</u> City: <u>DES PLAINES</u> State: <u>IL</u> Zip: <u>60017-5017</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"/> Other _____ Execution Date: <u>6/24/04, 6/24/04, 6/21/04</u>					
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) <u>10/876,394</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>UOP LLC</u> Internal Address: <u>ATTN: JOHN G. TOLOMEI</u> _____ Street Address: <u>25 EAST ALGONQUIN ROAD</u> <u>P.O. BOX 5017</u> City: <u>DES PLAINES</u> State: <u>IL</u> Zip: <u>60017-5017</u>			6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>21-0600</u>		
DO NOT USE THIS SPACE					
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;"> <u>Mark Goldberg</u> Name of Person Signing </div> <div style="text-align: center;"> Signature </div> <div style="text-align: center;"> <u>July 14, 2004</u> Date </div> </div> Total number of pages including cover sheet, attachments, and documents: <input type="text" value="4"/>					

CH \$40.00 210600 10876394

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

ASSIGNMENT

U.S. Provisional Application

U.S. Utility Patent Application

Attorney Docket No. 108342

WHEREAS, **TOM N. KALNES**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of LAGRANGE, in the County of COOK and State of ILLINOIS, **DANIEL H. WEI**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of NAPERVILLE, in the County of DU PAGE and State of ILLINOIS, and **BRYAN K. GLOVER**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of ALGONQUIN, in the County of KANE and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

CONVERSION OF OXYGENATE TO PROPYLENE USING MOVING BED TECHNOLOGY

WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filing date and application number of said application when known; 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, the inventions 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 application; the invention(s) covered thereby; any and all resultant patent or patents thereon; any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, and all foreign rights thereunder including all rights to claim any priority in and to the inventions disclosed therein. 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.

Application No. 101 876 394 filed 6-25-04

Atty. Docket # 108342

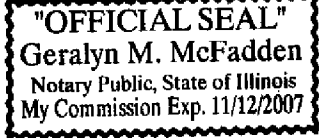
PATENT
(Rev. 03-21-00)
REEL: 014851 FRAME: 0892

Tom N. Kalnes 6/24/04 6/24/04
 Tom N. Kalnes Date Date Executed
 Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 06-24-04, personally appeared **TOM N. KALNES**, 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.

SEAL



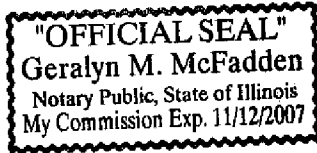
Geralyn M. McFadden
 Notary Public

Daniel H. Wei 6/24/04 6/24/04
 Daniel H. Wei Date Date Executed
 Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 06-24-04, personally appeared **DANIEL H. WEI**, 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.

SEAL



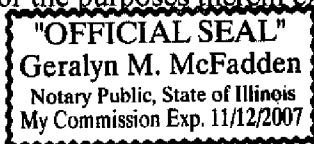
Geralyn M. McFadden
 Notary Public

Bryan K. Glover JUNE 21, 2004 JUNE 21, 2004
 Bryan K. Glover Date Date Executed
 Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 06-21-04, personally appeared **BRYAN K. GLOVER**, 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.

SEAL



Geralyn M. McFadden
 Notary Public

Application No. 101 876 394 filed 6-25-04