



11/9/98

To the Honorable Commissioner of

100878616

Attached original documents or copy thereof.

1. Name of conveying party(ies):

JOSEPH ALCARAZ
JENNIFER S. HOLMGREN

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

3. Nature of conveyance:

XXX Assignment Merger
Security Agreement Change of Name
Other _____

Execution Date: 12/1/97 & 12/2/97

2. Name and address of receiving party(ies)

Name: UOP LLC
Internal address:

Street Address: 25 EAST ALGONQUIN ROAD
P.O. BOX 5017

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

Additional name(s) & address(es) attached? Yes XXX 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)

08/988,766

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)

11/13/1998 JSHBAZZ 00000083 210600 08988766

01 FC:581 40.00 CH

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.

FRANK S. MOLINARO

Name of Person Signing

Signature

4 NOV. 98

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, JOSEPH ALCARAZ, a citizen of the UNITED STATES OF AMERICA, residing in the City of CHICAGO in the County of COOK and State of ILLINOIS; and JENNIFER S. HOLMGREN, a citizen of the UNITED STATES OF AMERICA, residing in the City of BLOOMINGDALE, in the County of DU PAGE and State of ILLINOIS; and hereinafter referred to as inventor(s) has/have invented certain new and useful improvements entitled

UNIMODAL, LARGE-PORE SILICAS BY HYDROTHERMAL TREATMENT OF SILICA POWDERS

for which inventor(s) is/are about to file a United States provisional patent application and/or an application for Letters Patent of the United States, bearing docket number 102335; 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 inventor(s) does/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 inventor(s) on the date specified below. Inventor(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventor(s) has/have set his/her signature hereunto on the date specified below.

Signature of: *Joseph Alcaraz*, Date 12/1/97 Date Executed 12/1/97
Application for Letters Patent

State of ILLINOIS

County of COOK

Before me, on this day, 12/1/97, personally appeared JOSEPH ALCARAZ, 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.



Sharon M Lambert
Notary Public

Signature of: Jennifer S. Holmgren Dec 2, 1997
JENNIFER S. HOLMGREN Date

12/2/97
Date Executed
Application for Letters Patent

State of ILLINOIS

County of COOK

Before me, on this day, 12/2/97, personally appeared JENNIFER S. HOLMGREN 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.

Sharon M. Lambert
Notary Public

