

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office; Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
 Michael A. Schultz
 Ronald M. Gatan
 Timothy A. Brandvold
 Christopher D. Gosling

Execution Date(s) 9/24/04, 9/24/04, 9/24/04, 9/28/04
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: UOP LLC
 Internal Address: Patent Department
 Street Address: 25 East Algonquin Road
P.O. Box 5017
 City: Des Plaines
 State: Illinois
 Country: USA Zip: 60017-5017
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
 A. Patent Application No.(s)
10/953,638
 B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: UOP LLC
 Internal Address: Patent Department
 Street Address: 25 East Algonquin Road
P.O. Box 5017
 City: Des Plaines
 State: Illinois Zip: 60017-5017
 Phone Number: (847) 391-2024
 Fax Number: (847) 391-2387
 Email Address: IP.Docketclerk@uop.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
 a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number 21-0600
 Authorized User Name John G. Cutts, Jr.

9. Signature: John G. Cutts, Jr. October 13, 2004
 Signature Date
John G. Cutts, Jr. Total number of pages including cover sheet, attachments, and documents: 5
 Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 210600 10953638

ASSIGNMENT

U.S. Provisional Application

U.S. Utility Patent Application

Attorney Docket No. 109056

WHEREAS, **Michael A. Schultz**, a citizen of United States of America, residing in the City of Chicago, in the County of Cook, and State of Illinois; **Ronald M. Gatan**, a citizen of United States of America, residing in the City of Chicago, in the County of Cook, and State of Illinois; **Timothy A. Brandvold**, a citizen of United States of America, residing in the City of Arlington Heights, in the County of Cook and State of Illinois; and **Christopher D. Gosling**, a citizen of United States of America, residing in the City of Roselle, in the County of Cook, and State of Illinois; and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

A PROCESS FOR THE REGENERATION OF AN ADSORBENT BED
CONTAINING SULFUR OXIDATED COMPOUNDS;

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. 101 953 638 filed 9-29-04

Atty. Docket # 109056

PATENT 3-21-00
REEL: 015244 FRAME: 0135

Michael A. Schultz
Michael A. Schultz

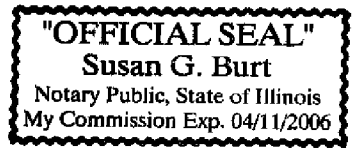
Sept. 24, 2004
Date

Sept. 24, 2004
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Sept. 24, 2004, personally appeared **Michael A. Schultz**, 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



Susan A. Burt
Notary Public

Ronald M. Gatan
Ronald M. Gatan

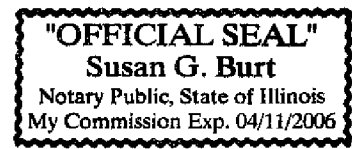
September 24, 2004
Date

Sept. 24, 2004
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Sept. 24, 2004, personally appeared **Ronald M. Gatan**, 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



Susan A. Burt
Notary Public

Timothy A. Brandvold
Timothy A. Brandvold

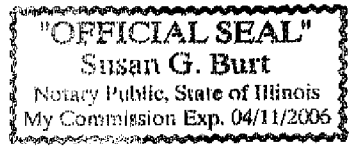
24 Sept 2004
Date

24 Sept. 2004
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Sept. 24, 2004, personally appeared **Timothy A. Brandvold**, 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.

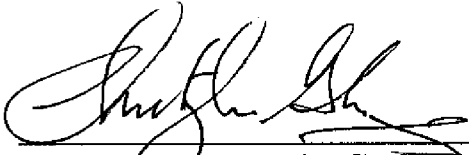
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Susan A. Burt
Notary Public

Application No. 101 953 638 filed 9-29-04

Atty. Docket # 109056



Christopher D. Gosling

28-SEPT-04
Date

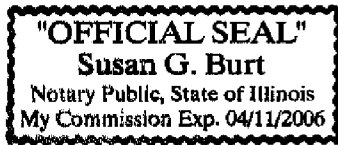
28-SEPT-04
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, Sept. 28, 2004, personally appeared **Christopher D. Gosling**, 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.


Notary Public

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Application No. 10|953 638 filed 9-29-04

Atty. Docket # 109056

RECORDED: 10/13/2004

PATENT 3-21-00

REEL: 015244 FRAME: 0137