


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): Rustam H. Sethna, Jayant K. Gorawara, Robert L. Bedard, Henry Rastelli, Daniel L. Ellig, Keith R. Clark, Vladislav I. Kanazirev 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: UOP LLC Internal Address: _____ _____ _____ Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 City: DES PLAINES State: IL Zip: 60017-5017 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 _____ 1/15/03, 1/13/03, 1/16/03, 1/13/03, 1/16/03, 1/13/03, 1/13/03 Execution Date: _____					
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) 10/326,658 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: UOP LLC Internal Address: ATTN: JOHN G. TOLOMEI _____ _____ Street Address: 25 EAST ALGONQUIN ROAD P.O. BOX 5017 City: DES PLAINES State: IL Zip: 60017-5017			6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 21-0600		
DO NOT USE THIS SPACE					
9. Signature. Mark Goldberg _____ Name of Person Signing  Signature March 24, 2004 _____ Date Total number of pages including cover sheet, attachments, and documents: 6					

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

CH \$40.00 210600 10326658

ASSIGNMENT

☐ U.S. Provisional Application☒ U.S. Utility Patent Application

Attorney Docket No. 105165

WHEREAS, **RUSTAM H. SETHNA**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of PALATINE, in the County of COOK and State of ILLINOIS, **JAYANT K. GORAWARA**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of BUFFALO GROVE, in the County of LAKE and State of ILLINOIS, **ROBERT L. BEDARD**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of MC HENRY, in the County of MC HENRY and State of ILLINOIS, **HENRY RASTELLI**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of GURNEE, in the County of LAKE and State of ILLINOIS, **DANIEL L. ELLIG**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of ARLINGTON HEIGHTS, in the County of COOK and State of ILLINOIS, **KEITH R. CLARK**, a citizen of THE UNITED STATES OF AMERICA, residing in the City of HOUSTON, in the County of HARRIS and State of TEXAS, and **VLADISLAV I. KANAZIREV**, 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 "the inventors" have invented certain new and useful improvements in

ADSORBENT BEDS FOR REMOVAL OF HYDRIDES FROM HYDROCARBONS

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. 10/326,658 filed December 19, 2002

Atty. Docket # 105165

PATENT
REEL: 014458 FRAME: 0464

Rustam H. Sethna

Rustam H. Sethna

1/15/2003

Date

1/15/2003

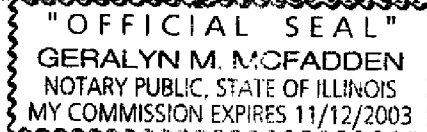
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 01-15-03, personally appeared **RUSTAM H. SETHNA**, 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 PublicJayant K. Gorawara

Jayant K. Gorawara

1/13/03

Date

1/13/03

Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 01-13-03, personally appeared **JAYANT K. GORAWARA**, 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 PublicRobert L. Bedard

Robert L. Bedard

1/16/03

Date

1/16/03

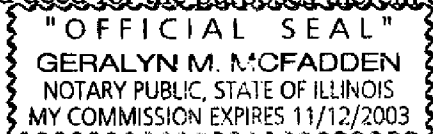
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 01-16-03, personally appeared **ROBERT L. BEDARD**, 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 PublicApplication No. 10/326,658

filed

December 19, 2002

Atty. Docket # 105165

PATENT
(Rev. 03-21-00)
REEL: 014458 FRAME: 0465

Henry Rastelli
Henry Rastelli

1/13/03
Date

1/13/03
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 01-13-03, personally appeared **HENRY RASTELLI**, 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

Dan Ellig
Daniel L. Ellig

1/16/03
Date

1/16/03
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 01-16-03, personally appeared **DANIEL L. ELLIG**, 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

Keith R. Clark
Keith R. Clark

1-13-03
Date

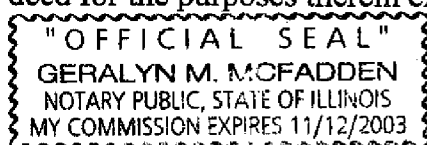
1-13-03
Date Executed

Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 01-13-03, personally appeared **KEITH R. CLARK**, 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. 10/326,658

filed

December 19, 2002

Atty. Docket # 105165

PATENT 03-21-00)

REEL: 014458 FRAME: 0466

Vladislav I. Kanazirev

Vladislav I. Kanazirev

11/13/03

Date

11/13/03

Date Executed

Application for Letters Patent

State of Illinois

County of Cook

Before me, on this day, 01-13-03, personally appeared **VLADISLAV I. KANAZIREV**, 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

Gerald M. McFadden

Notary Public

Application No. 10/326,658

filed

December 19, 2002

Atty. Docket # 105165

RECORDED: 03/24/2004

PATENT (3-21-00)

REEL: 014458 FRAME: 0467