

MURD 7.20.98

FORM PTO-1595
(Rev. 6-93)

REC

07-27-1998

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)



100777409

To the Honorable Commissioner of

Shed original documents or copy thereof.

1. Name of conveying party(ies):

ROBERT L. BEDARD
ROBERT W. BROACH
ANDRZEJ MALEK
GEOFFREY A. OZIN
DAVID YOUNG

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**

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: **6/9/98, 6/9/98, 6/22/98, 6/17/98,
6/29/98**

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)

08/687,867

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)

07/24/1998 DC0ATES 00000154 210600 08687867

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.

JOHN F. SPEARS, JR.

Name of Person Signing

Signature

17 JULY 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 PATENT

REEL: 9334 FRAME: 0428

ASSIGNMENT

WHEREAS, ROBERT L. BEDARD, a citizen of the UNITED STATES OF AMERICA, residing in the City of McHENRY in the County of McHENRY and State of ILLINOIS; ROBERT W. BROACH, a citizen of the UNITED STATES OF AMERICA, residing in the City of GRAYSLAKE in the County of LAKE and State of ILLINOIS; ANDRZEJ MALEK a citizen of CANADA, residing in the City of TURNERSVILLE in the County of _____ and State of NEW JERSEY; GEOFFREY A. OZIN, a citizen of CANADA, residing in TORONTO, ONTARIO, CANADA; DAVID YOUNG, a citizen of the UNITED KINGDOM, residing in TORONTO, ONTARIO, CANADA; hereinafter referred to as inventor(s) has/have invented certain new and useful improvements entitled NOVEL METALLOCHALCOGENIDE MICROPOROUS COMPOSITIONS HAVING METAL-METAL BONDS for which inventor(s) have filed an application for Letters Patent of the United States, bearing docket number FSM96-7; 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 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 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.

Robert L. Bedard
Signature of: Robert L. Bedard, _____, June 9, 1998 Date
19 August 1996
Date Executed
Application for Letters Patent

State of ILLINOIS
County of COOK

Before me, on this day, June 9, 1998, personally appeared Robert L. Bedard, to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and deed for the purposes therein expressed.

Sharon M. Lambert
Notary Public



Robert W. Broach
Signature of: Robert W. Broach

June 9, 1998
Date

19 August 1996
Date Executed
Application for Letters Patent

State of ILLINOIS

County of COOK

Before me, on this day, June 9, 1998, personally appeared Robert W. Broach,
to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and
deed for the purposes therein expressed.

Sharon M. Lambert
Notary Public



Andrzej Malek
Signature of: Andrzej Malek

June 22, 1998
Date

29 August 1996
Date Executed
Application for Letters Patent

State of NJ

County of Gloucester

Before me, on this day, 22nd June 1998, personally appeared Andrzej Malek,
to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and
deed for the purposes therein expressed.

Sue M. Caltabiano
Notary Public

SEAL

SUE M. CALTABIANO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Sept. 29, 1999

Geoffrey Ozin
Signature of: GEOFFREY A. OZIN,

17/6/98
Date

22 August 1996
Date Executed
Application for Letters Patent

Province of ONTARIO

Municipality of Toronto

Before me, on this day, JUNE 17 1998, personally appeared Geoffrey A. Ozin,
to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and
deed for the purposes therein expressed.

John Gerard Dimond
Notary Public

SEAL

JOHN GERARD DIMOND, Notary Public,
Municipality of Metropolitan Toronto, limited
to the attestation of instruments and the
taking of affidavits, while associated with
the University of Toronto.
Expires March 22, 2000.

David Young
Signature of: DAVID YOUNG,

JUNE 29 1998
Date

29 August 1996
Date Executed
Application for Letters Patent

State
Province of OHIO
County
Municipality of ATHENS

Before me, on this day, 6/29/98, personally appeared David Young,
to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and
deed for the purposes therein expressed.

Roxanne Dickson
Notary Public

SEAL

FSM96-7

RECORDED: 07/20/1998

PATENT
REEL: 9334 FRAME: 04317
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Revised 05/19/98

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