

RECORDATION FORM COVER SHEET

Docket Number
ATMI-613

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

Please record the attached original document or copy thereof.

1. Name of conveying party (ies):

Thomas H. Baum
Gautam Bhandari
Chongying Xu

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

2. Name and address of receiving party:

Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, Connecticut 06810

Additional name(s) and addresses attached? Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name
- Other _____

Execution Date: December 23, 2003, February 2, 2004, December 27, 2003

4. Application number(s) or patent number(s): U.S. Serial No. 10/643,272

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

William F. Ryann, Esq.
Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, Connecticut 06810
Telephone: 203-794-1100

7. Total Fee (37 CFR 3.41): \$ 40

- Enclosed
- Authorized to be charged to deposit account

6. Total number of applications and patents involved: 1

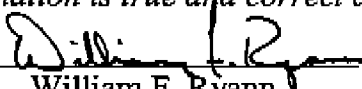
8. Deposit account number: 50-0860

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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.

February 10, 2004
Date


William F. Ryann
Reg. No. 44,313

PATENT

CH \$40.00 600860 10643272

Docket No. ATMI-613

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "**CHEMICAL VAPOR DEPOSITION PRECURSORS FOR DEPOSITION OF COPPER**" which has been executed by us on the same date as this Assignment for filing in the United States Patent and Trademark Office.

We assign to Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, Connecticut 06810, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and
- (iii) corresponding foreign patent applications and patents.

We are making this assignment based on our relationship with Advanced Technology Materials, Inc.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to Advanced Technology Materials, Inc.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to Advanced Technology Materials, Inc. all facts that come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We state that we have not previously taken any action in conflict with this Assignment.

Docket No. ATMI-613

Full Name of first inventor: Thomas H. Baum

Inventor's Signature Thomas H Baum

Date 12-23-03

Residence: 2 Handol Lane, New Fairfield, CT 06812

Citizenship: U.S.

Post Office Address:
(if different from
Residence Address)

Full Name of second inventor: Gautam Bhandari

Inventor's Signature _____

Date _____

Residence:

Citizenship:

Post Office Address:
(if different from
Residence Address)

Full Name of third inventor: Chongying Xu

Inventor's Signature Chongying Xu

Date 12-27-03

Residence: 8 Heather Court, New Milford, CT 06776

Citizenship: U.S.

Post Office Address:
(if different from
Residence Address)

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Docket No. ATMI-613

Full Name of first inventor: Thomas H. Baum

Inventor's Signature _____ Date _____

Residence: 2 Handol Lane, New Fairfield, CT 06812

Citizenship: U.S.

Post Office Address:

(if different from Residence Address)

Full Name of second inventor: Gautam Bhandari

Inventor's Signature Gautam Bhandari Date 2/2/04

Residence: 322 W, 57 St., Apt # 10C, NY, NY 10019

Citizenship: INDIA

Post Office Address:

(if different from Residence Address)

Full Name of third inventor: Chongying Xu

Inventor's Signature _____ Date _____

Residence: 8 Heather Court, New Milford, CT 06776

Citizenship: U.S.

Post Office Address:

(if different from Residence Address)