

10-22-1999

RECORDA

Docket Number
412



101179994

TO THE HONORABLE

AND TRADEMARKS:

Please record the attached original document or copy thereof.

10/7/99

1. Name of conveying party (ies):

Thomas H. Baum
Witold Paw

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

1c500 U.S. PTO
09/414133
10/07/99

3. Nature of conveyance:

Assignment Merger Security Agreement Change of Name

Other _____

Execution Date: October 4, 1999

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: October 4, 1999

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:

Oliver A. Zitzmann
ATMI, Inc.
7 Commerce Drive
Danbury, CT 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: 500860

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.

10/5/99
Date

Thomas Mavrakakis
Registration Number 39,763

10/24/1999 PRLLEN 09414133 500860 00000015 500860 00.00 CH 04 FC:581

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "**SOURCE REAGENT COMPOSITION AND METHOD FOR CHEMICAL VAPOR DEPOSITION FORMATION OF ZR/HF SILICATE GATE DIELECTRIC THIN FILMS**" which has been executed by us on the same date as this Assignment for filed 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 which 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.

Thomas H. Baum

Thomas H. Baum

10-5-99

Date

State: *Connecticut*

County: *Fairfield*

Thomas H. Baum appeared before me on *October 4th*, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Lynda-Jo Pixley
Notary Public

(SEAL)

LYNDA-JO PIXLEY
NOTARY PUBLIC
MY COMMISSION EXPIRES FEB. 28, 2004

My commission expires on:
2/28/04

Witold Paw

Witold Paw

10/4/99

Date

State: *Connecticut*

County: *Fairfield*

Witold Paw appeared before me on *October 4th*, 1999. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntary.

Lynda-Jo Pixley
Notary Public

(SEAL)

LYNDA-JO PIXLEY
NOTARY PUBLIC
MY COMMISSION EXPIRES FEB. 28, 2004

My commission expires on:
2/28/04