

TO THE HONORABLE  AND TRADEMARKS:
Please record the att. 102162266 of.

<p>1. Name of conveying party (ies):</p> <p>Glenn M. Tom James V. McManus <i>7-15-02</i> Luping Wang W. Karl Olander</p> <p>Additional name(s) of conveying party (ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party:</p> <p>Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810</p> <p>Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of conveyance:

Assignment Merger Security Agreement Change of Name

Other _____

Execution Date: May 23, 2002, June 14, 2002, June 18, 2002, May 24, 2002

4. Application number(s) or patent number(s): U.S. Serial No. 10/147,145

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)
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Oliver A. Zitzmann Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810 Telephone: 203-794-1100</p>	<p>7. Total Fee (37 CFR 3.41): \$ <u>40</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>
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<p>6. Total number of applications and patents involved: <u>1</u></p>	<p>8. Deposit account number: <u>50-0860</u></p>
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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.

Date July 8, 2002

Margaret Chappuis
Margaret Chappuis
Reg. No. 45,735

OFFICE OF THE CLERK OF THE SUPREME COURT
FINANCE SECTION
JUL 15 PM 2:21

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "SORBENT-BASED GAS STORAGE AND DELIVERY SYSTEM" 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.

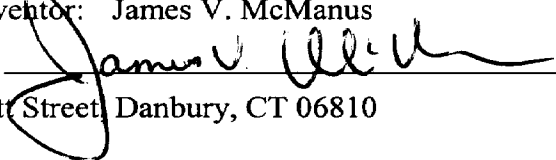
We agree to execute any other legal documents that may be required to effectuate this Assignment.

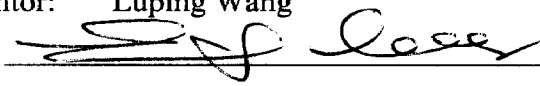
We agree that we will promptly communicate to Advanced Technology Materials, Inc. all facts that come to our attention affecting the invention or patent rights.

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.

Full Name of first inventor: Glenn M. Tom
Inventor's Signature  Date 6/23/02
Residence: 2 Powderhorn Lane, New Milford, CT 06776
Citizenship: U.S.
Post Office Address: 2 Powderhorn Lane, New Milford, CT 06776

Full Name of second inventor: James V. McManus
Inventor's Signature  Date 6/14/02
Residence: 7 Abbott Street, Danbury, CT 06810
Citizenship: U.S.
Post Office Address: 7 Abbott Street, Danbury, CT 06810

Full Name of third inventor: Luping Wang
Inventor's Signature  Date 6/18/02
Residence: 41 Greenknoll Drive, Brookfield, CT 06804
Citizenship: U.S.
Post Office Address: 41 Greenknoll Drive, Brookfield, CT 06804

Full Name of fourth inventor: W. Karl Olander
Inventor's Signature _____ Date _____
Residence: 19616 Gulf Boulevard, Apt. 301, Indian Shores, FL 33785
Citizenship: U.S.
Post Office Address: 19616 Gulf Boulevard, Apt. 301, Indian Shores, FL 33785

Full Name of first inventor: Glenn M. Tom

Inventor's Signature _____ Date _____

Residence: 2 Powderhorn Lane, New Milford, CT 06776

Citizenship: U.S.

Post Office Address: 2 Powderhorn Lane, New Milford, CT 06776

Full Name of second inventor: James V. McManus

Inventor's Signature _____ Date _____

Residence: 7 Abbott Street, Danbury, CT 06810

Citizenship: U.S.

Post Office Address: 7 Abbott Street, Danbury, CT 06810

Full Name of third inventor: Luping Wang

Inventor's Signature _____ Date _____

Residence: 41 Greenknoll Drive, Brookfield, CT 06804

Citizenship: U.S.

Post Office Address: 41 Greenknoll Drive, Brookfield, CT 06804

Full Name of fourth inventor: W. Karl Olander

Inventor's Signature W. Karl Olander Date 5/24/02

Residence: 19616 Gulf Boulevard, Apt. 301, Indian Shores, FL 33785

Citizenship: U.S.

Post Office Address: 19616 Gulf Boulevard, Apt. 301, Indian Shores, FL 33785