

RECORDATION FORM COVER SHEET	Docket Number ATMI-583-CIP
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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:
Please record the attached original document or copy thereof.

<p>1. Name of conveying party (ies):</p> <p>John N. Gregg, Scott L. Battle, Jeffrey I. Banton, Donn K. Naito, Ravi Laxman</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: 8/12/2004, 8/13/2004, 8/12/2004, 8/12/2004, 9/2/2004

4. Application number(s) or patent number(s): U.S. Serial No. 10/858,509

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

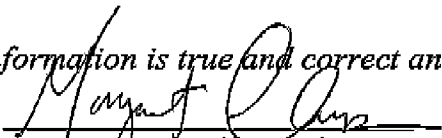
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810 Telephone: 203-794-1100</p>	<p>7. Total Fee (37 CFR 3.41): \$ <u>40</u></p> <p><input type="checkbox"/> Enclosed</p> <p><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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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.

9/14/2004
Date


Margaret Chappuis
Reg. No. 45,735

CH \$40.00 600860 10868609

ATMI-583-CIP

ASSIGNMENT

We have made an invention described in the U.S. Patent Application entitled "**METHOD AND APPARATUS TO HELP PROMOTE CONTACT OF GAS WITH VAPORIZED MATERIAL**" 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.

ATMI-583-CIP

Full Name of first inventor: John N. Gregg
 Inventor's Signature *John N. Gregg* Date 8/12/04
 Residence:
 Citizenship:
 Post Office Address:
 (if different from
 Residence Address)

Full Name of second inventor: Scott L. Battle
 Inventor's Signature *Scott L. Battle* Date 8/13/04
 Residence:
 Citizenship:
 Post Office Address:
 (if different from
 Residence Address)

Full Name of third inventor: Jeffrey I. Banton
 Inventor's Signature *J. I. Banton* Date 8/12/04
 Residence:
 Citizenship:
 Post Office Address:
 (if different from
 Residence Address)

Full Name of fourth inventor: Donn K. Naito
 Inventor's Signature *D. K. Naito* Date 8/12/04
 Residence:
 Citizenship:
 Post Office Address:
 (if different from
 Residence Address)

Full Name of fifth inventor: Ravi Laxman
 Inventor's Signature _____ Date _____
 Residence:
 Citizenship:
 Post Office Address:
 (if different from
 Residence Address)

ATMI-583-CIP

ASSIGNMENT

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ATMI-583-CIP

Full Name of first inventor: John N. Gregg

Inventor's Signature _____ Date _____

Residence:

Citizenship:

Post Office Address:
(if different from
Residence Address)

Full Name of second inventor: Scott L. Battle

Inventor's Signature _____ Date _____

Residence:

Citizenship:

Post Office Address:
(if different from
Residence Address)

Full Name of third inventor: Jeffrey I. Banton

Inventor's Signature _____ Date _____

Residence:

Citizenship:

Post Office Address:
(if different from
Residence Address)

Full Name of fourth inventor: Donn K. Naito

Inventor's Signature _____ Date _____

Residence:

Citizenship:

Post Office Address:
(if different from
Residence Address)

Full Name of fifth inventor: Ravi Lakman

Inventor's Signature Ravi Lakman Date Sept 02 04

Residence: 6270 Skywalker Drive San Jose CA 95135

Citizenship: USA

Post Office Address:
(if different from
Residence Address)