

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Form PTO-1595
OMB No. 0651-0027

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party (ies):

KAIM, Robert
SWEENEY, Joseph D.
BYL, Oleg
YEDAIVE, Sharad N.
JONES, Edward E.
ZOU, Peng
TANG, Ying
CHAMBERS, Barry Lewis
RAY, Richard S.

2. Name and address of receiving party (ies)

Advanced Technology Materials, Inc.
7 Commerce Drive
Danbury, CT 06810-4169

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other: _____
- Merger
- Change of Name

Execution Date(s): October 28, 2010 (RK)
October 29, 2010 (JS, OB, SY, EJ, PZ, BC)
November 1, 2010 (YT, RR)

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)
12/913,721

B. Patent No. (s)

Additional numbers attached? Yes No

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

Name: Steven J. Hultquist
Company Name: Intellectual Property/Technology Law
Street Address: P.O. Box 14329
City: Research Triangle Park State: NC Zip: 27709

6. Total Number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41).....\$40.00

- Enclosed Credit Card Payment Form
- Authorized to charge any deficiency or credit any overpayment to deposit account

8. Deposit account Number: 08-3284

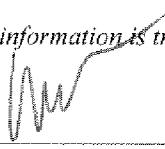
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. State 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.

Steven J. Hultquist
Name of person signing


Signature

November 2, 2010
Date

Total number of pages including cover sheet, attachments and documents: 17

OP \$40.00 12913721

Docket No.: **2771-973**
Assignment

ASSIGNMENT

We, **ROBERT KAIM, JOSEPH D. SWEENEY, OLEG BYL, SHARAD N. YEDAVE, EDWARD E. JONES, PENG ZOU, YING TANG, BARRY LEWIS CHAMBERS, and RICHARD S. RAY**, have made an invention the specification of which is described in U.S. Patent Application No. 12/913,721 filed in the United States Patent and Trademark Office on October 27, 2010 entitled:

"ISOTOPICALLY-ENRICHED BORON-CONTAINING COMPOUNDS, AND METHODS OF MAKING AND USING SAME"

We hereby assign to **Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810-4169**, all ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) non-provisional, continuing, divisional and continuation-in-part applications based on and claiming benefit and/or priority of said U.S. Patent Application;
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We are making this assignment based on our business relationship with **Advanced Technology Materials, Inc.**

We respectfully request the Commissioner for Patents of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

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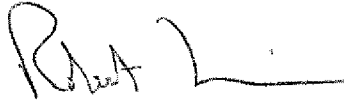
We agree to execute any other legal documents that may be required to effectuate this Assignment.

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 declare that we have not done anything in conflict with this Assignment.

Docket No.: **2771-973**
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ROBERT KAIM

10/28/2010
Date

JOSEPH D. SWEENEY

Date

OLEG BYL

Date

SHARAD N. YEDAVE

Date

EDWARD E. JONES

Date

PENG ZOU

Date

YING TANG

Date

BARRY LEWIS CHAMBERS

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RICHARD S. RAY

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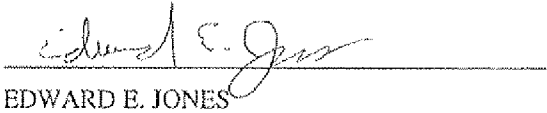
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