

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Thomas N. Jackson

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

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 9, 2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

### 2. Name and address of receiving party(ies)

Name: The Penn State Research Foundation

Internal Address: \_\_\_\_\_

Street Address: 304 Old Main

City: University Park

State: PA

Country: USA Zip: 16802

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/284,193

Additional numbers attached? ☐ Yes ☒ No

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

Name: Livinia N. Jones, Esquire

Internal Address: \_\_\_\_\_

Street Address: 811 University Drive

City: State College

State: PA Zip: 16801

Phone Number: 814-238-4926

Fax Number: 814-234-5620

Email Address: lnjones@mgblaw.com

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

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a. Credit Card Last 4 Numbers \_\_\_\_\_  
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b. Deposit Account Number 50-1740

Authorized User Name McQuaide Blasko

### 9. Signature:



Signature

December 20, 2006

Date

Livinia N. Jones

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

U. S. Serial No. 11/284,193Docket No. 06767 USA: PSU 2005-3101**ASSIGNMENT**

FOR VALUE RECEIVED, and pursuant to my obligations under our employment agreements/appointments/Term Sheet with THE PENNSYLVANIA STATE UNIVERSITY ("University"), we, THOMAS N. JACKSON and JIE SUN, hereby sell, assign and transfer unto the University's designee, **THE PENN STATE RESEARCH FOUNDATION**, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

**"METHOD FOR DEPOSITING ZINC OXIDE AT LOW TEMPERATURE AND PRODUCTS FORMED THEREBY"**

signed by us on the date set forth below; and in and to any and all provisional patent applications and conversions thereof, continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding non-U.S. applications for Letters Patent and any non-U.S. patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and behalf of assignee's successors, assigns and legal representatives.

We, request that any and all patents, registrations and similar protection for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at University Park, Pennsylvania, this 9 day of November, 2006.

Witness: Jarrett L. Loomer

Signed: THOMAS N. JACKSON

STATE OF PENNSYLVANIA

: ss:

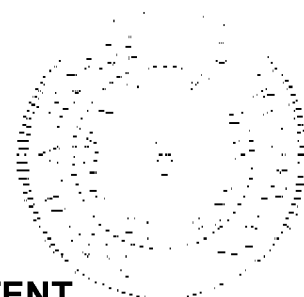
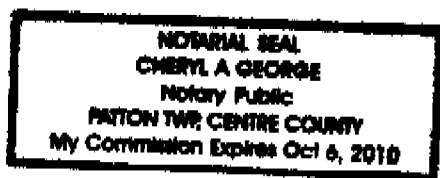
COUNTY OF CENTRE

On this 9 day of November, 2006, before me, a Notary Public in and for the county and State aforesaid, appeared THOMAS N. JACKSON, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Cheryl A. George  
Notary Public

[Page 1 of 2 - Signatures Continued on Page 2]



**PATENT**  
**REEL: 018674 FRAME: 0387**

[Page 2 of 2 - Assignment Signatures Continued]

Signed at University Park, Pennsylvania, this 9 day of November, 2006.

Witness: Janet L. Woomer

Signed: JIE SUN

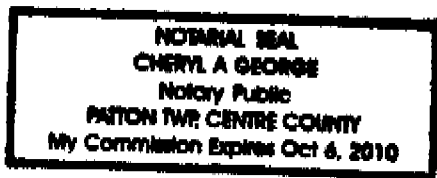
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:  
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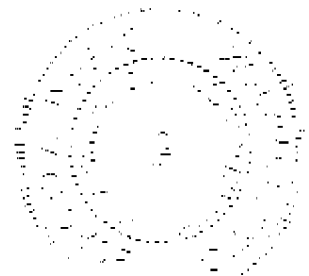
COUNTY OF CENTRE

On this 9 day of November, 2006, before me, a Notary Public in and for the county and State aforesaid, appeared JIE SUN, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



Cheryl A. George  
Notary Public



**MCQUAIDE BLASKO****ATTORNEYS AT LAW**

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**FACSIMILE TRANSMITTAL**

**To:** Assignment Recordation Services  
USPTO

**Fax:** 571-273-0140  
**Phone:** 571-272-3350

**From:** Livinia N. Jones

**Date:** December 20, 2006

**Client-Matter:** 4100-410271

**No. of Pages:** 4  
(incl. cover)

**In Re:** Recordation of Assignment  
U.S. Patent Application No. 11/284,193

**Original will not follow**

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::ODMA\PCDOCS\PATENT\3001\1

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**PATENT**

**RECORDED: 12/20/2006**

**REEL: 018674 FRAME: 0389**