

SD-10253

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OMB NO. 0651-0027 (EXP. 8/30/2005)U.S. DEPARTMENT OF COMMERCE  
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## REGISTRATION 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)/Execution Date(s):

Yujiang Song and John A. Shelnuft

Execution Dates) 12/13/2007Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

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

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

Name SANDIA CORPORATION, OPERATOR OF  
SANDIA NATIONAL LABORATORIESInternal Address: P.O. BOX 5800 MS-0161

Street Address: \_\_\_\_\_

City: AlbuquerqueState: NMCountry: USA Zip: 87185-0161Additional 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)

11/955,954

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Russell D. ElliottInternal Address: Sandia National Laboratories  
Intellectual Property Center, 11500  
Mail Stop 0161

Street Address: \_\_\_\_\_

City: AlbuquerqueState: NM Zip: 87185-0161Phone Number: 505-844-5626Fax Number: 505-844-1418Email Address: rusty@sandia.gov6. Total number of applications and patents involved: 17. 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)

## 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 19-0131

Authorized User Name \_\_\_\_\_

## 9. Signature:



Signature

1/28/08

Date

John P. Hohimer

Name of Person Signing

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

3Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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PATENT  
REEL: 020428 FRAME: 0171

SD10253/S109253

## ASSIGNMENT

WHEREAS, **Yujiang Song and John A. Shelnuft** of Albuquerque, NM has(have) made an invention relating to METALLIC NANOWIRE NETWORKS in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: **S-109,253** duly executed by said inventors and

WHEREAS Inventor(s), in consideration of employment by Sandia Corporation, has(have) agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all rights to inventions, discoveries, or improvements made or conceived in the course of their employment; and

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has granted a waiver of Government rights in the above-identified invention to Sandia Corporation; and

THEREFORE, Inventor(s) hereby sells, assigns, and transfers unto Sandia Corporation their entire right, title, and interest in and to said invention and in and to all resulting patents, wherever they may be granted, as well as reissues or extensions of said patents, domestic and foreign,

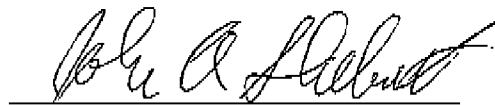
Inventor(s) covenants with Sandia Corporation that, except for the rights, if any, of the Government, his/her interest in the rights and property herein conveyed is free and clear of any encumbrance and that they have full right to convey the same as herein expressed. They agree, at the request of Sandia corporation, to make, execute, and deliver to Sandia Corporation, the Government, or other party prosecuting patent applications on this invention, any and all papers, documents, affidavits, applications, statements or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of them in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved.

SD10253/S109253

Signed at Albuquerque, New Mexico.



Yujiang Song

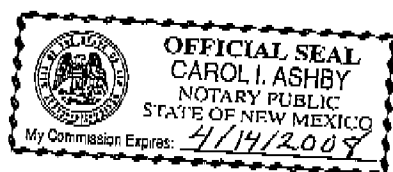
12-13-2007  
Date

John A. Shelnutt

12-13-2007  
Date

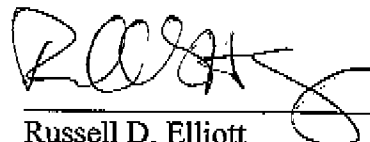
STATE OF NEW MEXICO           )  
                                                  ) ss:  
COUNTY OF BERNALILLO       )

On the dates entered above, personally appeared before me, Notary Public, Carol I. Ashby, to me Yujiang Song and John A. Shelnutt known to be the individual(s) described in and who executed the foregoing instrument, and who acknowledged to me that they executed the same.

  
Notary Public

Approved and consented to this 13<sup>th</sup> day of December, 2007.

SANDIA CORPORATION



Russell D. Elliott

Chief IP Counsel

Intellectual Property Center, MS-0161

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