Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008) Doc Code: S-109186

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

| RECORDATION FORM COVER SHEET PATENTS ONLY  |  |
|--|--|
| To the Director of the U.S. Patent and Tradernark Office: Please record the attached documents or the new address(es) below. |  |
| 1. Name of conveying party(ies)  | 2. Name and address of receiving party(ies)              |
| LOS ALAMOS NATIONAL LABORATORY   | Name: <u>U.S. Department of Energy</u>                   |
|  | Internal Address: GC-62 6F-067                           |
|  |  |
| Additional name(s) of conveying party(les) attached?  Yes  No  | Street Address: 1000 Independence Avenue, S.W.           |
| 3. Nature of conveyance/Execution Date(s):   |  |
| Execution Date(s) 6/06/2008  |  |
| ☐ Assignment ☐ Merger  | City: Washington   |
| ☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement   | State: D.C.  |
| ☐ Government Interest Assignment   | Country: Zip: <u>20585-0162</u>                          |
| Executive Order 9424, Confirmatory License   |  |
| □ Other  | Additional name(s) & address(es) attached? 🔲 Yes 🛛 No    |
| 4. Application or patent number(s):  |  |
| A. Patent Application No.(s)   | B. Patent No.(s)   |
| 12/002,853   |  |
|  |  |
| Additional numbers attached?  Yes No   |  |
| <ol><li>Name and address to whom correspondence<br/>concerning document should be mailed:</li></ol>                          | 6. Total number of applications and patents involved:    |
| Name: Brenda K, Banks  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$                  |
| Internal Address: GC-62 6F-067   | ☐ Authorized to be charged by credit card                |
| U.S. Department of Energy  | ☐ Authorized to be charged to deposit account ☐ Enclosed |
| Street Address: 1000 Independence Avenue, S.W.   | None required (government interest not affecting title)  |
|  | 8. Payment Information                                   |
| City: Washington   |  |
| State: <u>D.C.</u> Zip: <u>20585-0162</u>  | a. Credit Card Last 4 Numbers                            |
| Phone Number: 202-586-2802   | Expiration Date  |
| Fax Number: 202-586-2805   | b. Deposit Account Number                                |
| Email Address: <u>brenda.banks@hq.doe.gov</u>  | Authorized User Name                                     |
| 9. Signature: ///mlakban 1/2   | 6/24/08  |
| Signature  | Date   |
| Brenda K. Banks  | Total number of pages including 2                        |
| Name of Person Signing   | cover  |

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

PATENT REEL: 021143 FRAME: 0555 06/24/2008 08:07 FAX 2025867127 → PTO RECORDATIONS 🛭 002/002

12/002,853

Rev. 10/31/2006

S-109,186

## CONFIRMATORY LICENSE

Title

INCREASING THE SPECIFIC STRENGTH OF SPUN CARBON

NANOTUBE FIBERS

Inventor(s)

Paul N. Arendt, Igor O. Usov, Xiefei Zheng and Yuntian T. Zhu

Şerial No.

Patent No. 12/002,853 lesue Date

Filing Date

12/17/2007 DE-AC52-06NA25396

Contract No. : Contractor

LOS ALAMOS NATIONAL SECURITY

Foreign applications filed in or intended to be filed at Contractor's expense in (countries):

The above-identified invention is a Subject Invention under the Patent Rights Clause included in the above-identified contract with the U.S. Department of Energy. It was made under a CRADA with CNT Technologies, Inc..

WHEREAS, the Patent Rights Clause of the above-Identified contract, together with Class Waiver 91-002, provides the Contractor with the right to elect to retain title in certain inventions;

WHEREAS, the Contractor has elected to retain title in the above-identified Subject invention pursuant to said Patent Rights Clause, the effective date of said election being 06/06/2008.

NOW, THEREFORE, this document is confirmatory of (1) the irrevocable, nonexclusive, paid-up license to make, use, and sell the invention throughout the world by or on behalf of the United States (Including any government agency), and (2) all other rights required under 41 CFR Part 9 and the Patent Rights Clause, and other related matter clauses in the above-identified contract, as extant on the date of this election.

Also, the Government is hereby granted the irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this 6th day of June . 2008.

LOS ALAMOS NATIONAL LABORATORY

Bruce H. Cottrell

IP Practice Group Leader

Attest: Sharon Rumunu

PATENT REEL: 021143 FRAME: 0556

RECORDED: 06/24/2008