

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)Doc Code: **S-104,990**U.S. DEPARTMENT OF COMMERCE  
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**1. Name of conveying party(ies)**  
**LOS ALAMOS NATIONAL SECURITY****2. Name and address of receiving party(ies)**Name: U.S. Department of EnergyInternal Address: GC-62 6F-067Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 8/3/2007

- ☐ Assignment ☐ Merger  
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☐ Other

Street Address: 1000 Independence Avenue, S.W.City: WashingtonState: D.C.Country: \_\_\_\_\_ Zip: 20585-0162Additional 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)

11/544,988

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Brenda K. BanksInternal Address: GC-62 6F-067U.S. Department of EnergyStreet Address: 1000 Independence Avenue, S.W.City: WashingtonState: D.C. Zip: 20585-0162Phone Number: 202-586-2802Fax Number: 202-586-2805Email Address: brenda.banks@hq.doe.gov**6. Total number of applications and patents involved:****7. Total fee (37 CFR 1.21(h) & 3.41) \$**

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

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**9. Signature:**Brenda K. Banks  
Signature10/09/07  
Date

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**2**Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
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11/ 544,988

Rev. 11/02/2006

DOE Docket No.  
S-104,990

## CONFIRMATORY LICENSE

Application for : APPARATUS AND METHOD FOR TRACKING A MOLECULE OR PARTICLE IN  
3 DIMENSIONS  
Inventor(s) : James H. Werner, Peter M. Goodwin and Guillaume Lessard of Los Alamos  
National Laboratory  
Serial No. : 11/544,988  
Filing Date : 10/6/2006  
U.S. Patent :  
Issue Date :  
Contract No. : DE-AC52-06NA25396  
Contractor : LOS ALAMOS NATIONAL SECURITY

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract effective June 1, 2006, governing patent rights in the Subject Invention has been submitted to the U.S. Department of Energy.

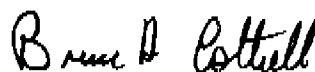
The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the Subject Invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contract hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed Aug. 3, 2007  
Date

LOS ALAMOS NATIONAL SECURITY



Bruce H. Cottrell  
IP Practice Group Leader