U.S. DEPARTMENT OF COMMERCE Doc Code: S-109,082 Form PTO-1595 (Rev. 08/05) United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) 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. 2. Name and address of receiving party(ies) 1. Name of conveying party(les) LOS ALAMOS NATIONAL SECURITY Name: U.S. Department of Energy Internal Address: GC-62 6F-067 Additional name(s) of conveying party(ies) attached?
Yes
No Street Address: 1000 Independence Avenue, S.W. 3. Nature of conveyance/Execution Date(s): 2/2/2007 Execution Date(s) City: Washington ☐ Merger Assignment ☐ Change of Name ☐ Security Agreement State: D.C. _____ ----- Joint Research Agreement Country: _____ Zip: 20585-0162 Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached?
Yes X No Other ☐ This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) 11/516,136 Additional numbers attached?

Yes 6. Total number of applications and patents 5. Name and address to whom correspondence involved: concerning document should be mailed: 7. Total fee (37 CFR 1.21(h) & 3.41) \$. Name: Brenda K. Banks Authorized to be charged by credit card Internal Address: GC-62 6F-067 Authorized to be charged to deposit account U.S. Department of Energy ☐ Enclosed Street Address:1000 Independence Avenue, S.W. ☑ None required (government interest not affecting title) 8. Payment Information City: Washington a. Credit Card Last 4 Numbers ______ __ Zip: 2<u>0</u>585-0162 State: D.C. Expiration Date ____ Phone Number: 202-586-2802 b. Deposit Account Number Fax Number: 202-586-2805 Authorized User Name Email Address: brenda.banks@hq.doe.gov

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PATENT REEL: 019175 FRAME: 0626

Total number of pages including cover

9. Signature:

11/5/6,136

Rev. 11/02/2006

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CONFIRMATORY LICENSE

Application for :

SYSTEM AND METHOD THAT SUPPRESSES INTENSITY FLUCTUATIONS

FOR FREE SPACE HIGH-SPEED OPTICAL COMMUNICATION

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Serial No.

11/516,136 9/5/2006

Filing Date U.S. Patent

Issue Date

DE-AC52-06NA25396

Contract No. 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 31, 2, 2007

LOS ALAMOS NATIONAL SECURITY

Bruce H. Cottrell

IP Practice Group Leader

PATENT **REEL: 019175 FRAME: 0627**

RECORDED: 04/17/2007