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

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Execution Date(s) 10/24/2006

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

City: Washington

State: D.C.

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4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/484,543

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Brenda K. Banks

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U.S. Department of Energy

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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
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- None required (government interest not affecting title)

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9. Signature: Brenda K. Banks
Signature

12/11/06
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Brenda K. Banks

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2

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11/484,543

CONFIRMATORY LICENSE

Title: Electrical Initiation of an Energetic Nanolaminate Film
Inventor(s): Joseph W. Tringe, Alexander E. Gash, Troy W. Barbee JR
DOE Docket No.: S 108,200
11561/A

Docket No./Sub: IL-

Contract Number: W-7405-ENG-48
Contractor: Regents of the University of California
Lawrence Livermore National Laboratory

U.S. Patent Application S.N.: 10/11/484543
Filing Date: 07/10/06
Waiver No.: W(C) 92-002

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

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated June 15, 1999.

WHEREAS, the above-identified invention is a subject invention under the above-identified contract;

WHEREAS, the above-identified Class Waiver of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver.

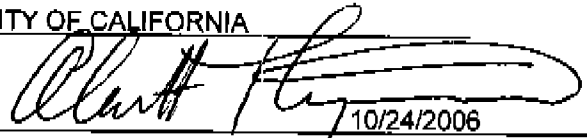
ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject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

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

It is understood and agreed that this instrument does not preclude the Government from asserting rights under the provisions of the above-identified 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.

Signed on behalf of THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(Contractor)

Witness: 
Denise Gray, Litigation Administrator

By:  10/24/2006
Alan H. Thompson, Deputy Laboratory
Counsel for Intellectual Property
Lawrence Livermore National Laboratory
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