Form PTO-1595 (Rev. 08/05) Doc Code: S-110,00 OMB No. 0651-0027 (exp. 6/30/2008)	1 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademerk Offic
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.	
1. Name of conveying party(ies) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	Name and address of receiving party(ies) Name: <u>U.S. Department of Energy</u> Internal Address: GC-62 6F-067
	City: Washington State: D.C. Country: Zip: 20585-0162 Additional name(s) & address(es) attached? Yes No document is being filed together with a new application.
A. Patent Application No.(s) 11/880,180 Additional numbers at	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Brenda K. Banks Internal Address: GC-62 6F-067 U.S. Department of Energy Street Address: 1000 Independence Avenue, S.W.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Washington	8. Payment Information
State: D.C. Zip: 20585-0162 Phone Number: 202-586-2802 Fax Number: 202-586-2805	a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number
9. Signature: SUNJUBANES	Authorized User Name
Signature Brenda K. Banks Name of Person Signing	Date Total number of pages Including cover 2

Documents to be recorded (including cover sheet) 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: 020077 FRAME: 0057

11 880,180

CONFIRMATORY LICENSE

Title: System and Method for Bullet Tracking and Shooter Localization

Inventor(s): Randy S. Roberts, Eric F. Breitfeller

DOE Docket No.: S110001

Contract Number: W-7405-ENG-48

Contractor: Regents of the University of California

Lawrence Livermore National Laboratory

Docket No./Sub: IL-11649/A

U.S. Patent Application S.N.: 11/880180

Filing Date: 07/20/07 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 <u>June 15, 1999</u>.

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: Peter Murray, Paralegal

<u>v.</u> 08/22/2007

John Lee, Acting Deputy Laboratory
Counsel for Intellectual Property

Lawrence Livermore National Laboratory

P.O. Box 808, L-701

Livermore, CA 94551-0808

PATENT REEL: 020077 FRAME: 0058

RECORDED: 11/06/2007