## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE		
CONVEYING PARTY DATA				
Name Execution Date				
LAWRENCE LIVERMORE NATIONAL SECURITY, LLC 07/09/2010				
RECEIVING PARTY DATA				
Name:	U.S. Department of Energy			
Street Address:	1000 Independence Ave., SW			
City:	Washington			
State/Country:	DISTRICT OF COLUMBIA			
Postal Code:	20585			
PROPERTY NUMBERS Total: 1				
Property Type		Number		
Application Number:		12784047		
CORRESPONDENCE DATA				
Fax Number: (202)586-7127				
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.				
Phone: 2025862802				
Email: brenda.banks@hq.doe.gov Correspondent Name: Brenda K. Banks				
Address Line 1: 1000 Independence Ave.				
Address Line 4: Washington, DISTRICT OF COLUMBIA 20585				
NAME OF SUBMITTER:		Brenda K. Banks	Brenda K. Banks	
Total Attachments: 1 source=S-112697#page1.tif				

## CONFIRMATORY LICENSE

Title: Method and System for Edge Cladding of Laser Gain MediaInventor(s): Andrew James Bayramian, John A. Caird, Kathleen I. SchaffersDOE Docket No.: S ~112, 697DoE Docket No.: S ~112, 697Docket No.: S ~112, 697Docket No./Sub: IL-11836/AContract Number: DE-AC52-07NA27344Contractor: Lawrence Livermore National Security, LLCFiling Date: 05/20/10Lawrence Livermore National LaboratoryWaiver 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 Walver of Government rights in certain identified inventions and the aboveidentified 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 walver.

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 relissue 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: LAWRENCE LIVERMORE MATIONAL SECURITY, LLC

Witness:

ah (Contractor)

Linda Clinkenbeard, Patent Administrator

By: 07/09/2010 Mark H. Lough, Deputy General Counsel Lawrence Livermore National Laboratory P.O. Box 808, L-701

Livermore, CA 94551-0808

PATENT REEL: 024793 FRAME: 0459

**RECORDED: 08/05/2010**