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Correspondent Name	and Address	Area Code and Telephone	Number	(925) 422-4367
Name William C. D	aubenspeck			
Address (line 1) U.S. Departs	nent of Energy	<b>W-16</b> · · · · · · · · · · · · · · · · · · ·		
Address (line 2) Lawrence Li	vermore National Labo	ratory		
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Address (line 4) Livermore, C	CA 94550			
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10/452667				
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Janet L. Re	go	Janut h. Xe	40	4-8-04
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	Department of Energy	enspeck, Patent Attorney , National Nuclear Security Admir el, Intellectual Property Law Divis D. Box 808, L-376	nistration ion	PATENT

REEL: 014513 FRAME: 0480

Patent Application Filed in the Name of the Contractor Class Waiver (8/00)

## CONFIRMATORY LICENSE

Title: High Average Power Laser Gain Medium with Low Optical Distortion Using a Transverse

Flowing Liquid Host

Inventor(s): Brian J. Comaskey, Earl R. Ault,

Thomas C. Kuklo

Contract Number: W-7405-ENG-48

Contractor: Regents of the University of California

Lawrence Livermore National Laboratory

RECORDED: 04/13/2004

**DOE Docket No.: S-101,046** 

Docket No.: IL-11190

U.S. Patent Application S.N.: 10/452667

Filing Date: 5/30/2003 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 aboveidentified 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 aboveidentified invention.

Signed on behalf of: THE REGENTS C	OF THE UNIVERSITY OF CADIFORNIA
Witness: (Signature)	By: (Contractor Official's Signature) (Date)
Wendy R. Pebler, Paralegal	Alan H. Thompson, Deputy Laboratory
(Name and Title)	(Print/Type Contractor Official's Name and Title)
	Counsel for Intellectual Property
	Lawrence Livermore National Laboratory
	(Print/Type Contractor's Address)
	P. O. Box 808, L-701
	DATENT

<u>Livermore, CA 94551-080</u> LENI

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