

Form PTO-1595, 1/31/92 **RECORDATION COVER SHEET** U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  
**PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1. U.S. Department of Energy          1000 Independence Avenue S.W          Washington, D.C. 20585.</p>	<p>2. Name and Address of receiving party(ies):</p> <p>1. The Regents of the University of California          1111 Franklin Street          Oakland, CA 94607-5200</p>
--	---

Attorney Docket No.:IL-9050

3. Nature of conveyance:

Assignment Execution Date: March 19, 2003

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is:

<p>A. Patent Application No.(s)</p> <p>07/957,184 filed 10/7/1992</p>	<p>B. Patent No.(s)</p> <p>5,526,369 issued 6/11/1996</p>
---	---

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Alan H. Thompson          Address: Lawrence Livermore Nat. Laboratory          Patent Group, L-703          Box 808, L-703          Livermore, CA 94551</p>	<p>6. Total Number of applications and patents involved:  <b>ONE</b></p>
	<p>7. Total fee \$ 40.00</p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized charge deposit account</p>
	<p>8. Deposit Account number:  <b>12-0695</b></p>

**DO NOT USE THIS SPACE**

9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p>Nancy J. Stone          Name of Person Signing</p>	<p><i>Nancy J. Stone</i>          Signature</p>	<p>March 4, 2004          Date</p>
---	---	--

Total number of pages comprising cover sheet **1** March 1993

CH \$40.00 120696 6626369

Class Waiver Filed in the Name of the Government

ASSIGNMENT AND CONFIRMATORY LICENSE

Title: Phosphate Glass Useful In High Energy Lasers
Inventor(s): Yuiko T. Hayden et al.
Contractor Docket No.: SIL-9050
Contract Number: W-7405-ENG-48 and Subcontract Nos. B-130553, B-169433, B191860 and B-191999
Contractor: Regents of the University of California (Lawrence Livermore National Laboratory)

DOE Docket No. S-77,219 (RL-11942)
U.S. Patent Application S.N.: 07/957,184
Filing Date: October 7, 1992
U.S. Patent No.: 5,526,369
Issue Date: June 11, 1996
Class Waiver Number: W(C) 96-004-009

Foreign patent applications filed or intended to be filed at contractor's expense: None.

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract has been previously submitted to the U.S. Department of Energy by certification dated February 29, 1996.

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

WHEREAS, the Government of the United States, as represented by the U.S. Department of Energy has been assigned the entire right, title and interest in and to the above-identified invention in the United States; and

WHEREAS, a waiver of Government rights in the above-identified invention, having an effective date of February 10, 1998, has been granted to the Contractor.

NOW, in conformity with said waiver of Government rights, the Government of the United States as represented by the U.S. Department of Energy, HEREBY ASSIGNS AND TRANSFERS to the Contractor the entire right, title and interest to the above-identified invention, including the above-identified patent applications and any resulting patents, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver and such other rights required under 10 CFR 784 to be retained or reserved to the Government.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights and the above-identified waiver, 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. This instrument is also confirmatory of the rights required to be granted to the Government under 10 CFR 784 where a waiver is granted to an invention, patent application, and any resulting patent, and of all other rights reserved to the Government under 10 CFR 784.

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.

Approved and granted on behalf of the Government of the United States.

UNITED STATE DEPARTMENT OF ENERGY

By: [Signature] 3/19/03
Paul A. Gottlieb Date
Assistant General Counsel for Technology Transfer and Intellectual Property

Witness: [Signature]

Approved, accepted and consented to on behalf of The Regents of the University of California

Witness: [Signature]
(Nancy J. Stone)

By: [Signature] 8/21/00
(Official's Signature) (Date)

Nancy J. Stone, Administrative Specialist
(Print/Type Name and Title)

Janet G. Tulk, Laboratory Counsel
(Print/Type Official's Name and Title)