

Form PTO-1595, 1/31/92	<b>RECORDATION COVER SHEET</b>	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.

1. Name of conveying party(ies): <b>1. Jay B. Chase 2. Philip A. Pincosy 3. Donna M. Chato 4. Hugh Kirbie 5. Glen F. James</b>	2. Name and Address of receiving party(ies):  <b>The Regents of the University of California 1111 Franklin Street Oakland, CA 94612-3550</b>
---	--

Attorney Docket No.: **IL-11035**

3. Nature of conveyance:	
<input checked="" type="checkbox"/> Assignment	Execution Date: <b>September 29, 2003</b>

4. Application number(s) or patent number(s): <b>IL-11035</b>	
If this document is being filed together with a new application, the execution date of the application is:	
A. Patent Application No.(s)  <b>S.N. 10/676,704 Filing Date: September 30, 2003</b>	B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total Number of applications and patents involved: <b>ONE</b>	
Name:	<b>Michael C. Staggs</b>	7. Total fee	\$ <b>40.00</b>
Address:	<b>Lawrence Livermore Nat. Laboratory Patent Group, L-703 7000 East Avenue Livermore, CA 94550</b>	<input type="checkbox"/> Enclosed	<input checked="" type="checkbox"/> Authorized charge deposit account
		8. Deposit Account number:	<b>12-0695</b>

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.

<b>April Masluk</b>		<b>1-12-04</b>
Name of Person Signing	Signature	Date

Total number of pages comprising cover sheet | 1

CH \$40.00 120696 10676704

**ASSIGNMENT**

LLNL Case No.: IL-11035

For good and valuable consideration the receipt of which is hereby acknowledged ASSIGNOR(s)

- |                          |                             |
|--------------------------|-----------------------------|
| 1. <u>Jay B. Chase</u>   | 2. <u>Philip A. Pincosy</u> |
| 3. <u>Donna M. Chato</u> | 4. <u>Hugh Kirbie</u>       |
| 5. <u>Glen F. James</u>  | 6. <u>//</u>                |
| 7. <u>//</u>             | 8. <u>//</u>                |
| 9. <u>//</u>             | 10. <u>//</u>               |

hereby sells, assigns and transfers to ASSIGNEE, the Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Oakland, California 94607-5200, and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Optically Triggered Fire Set/Detonator System

and which is found in

- U.S. patent application executed on 9-29-2003, entitled as above and listing the above named persons as inventors
- U.S. patent application serial no. \_\_\_\_\_, filed on \_\_\_\_\_
- U. S. patent no. \_\_\_\_\_, issued \_\_\_\_\_

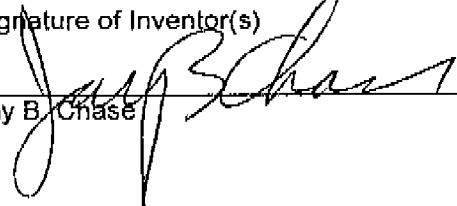
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

executed this  
September 29, 2003  
Date

Signature of Inventor(s)  
  
Jay B. Chase

executed this

Signature of Inventor(s)

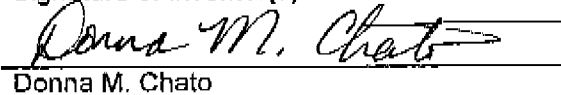
Sept 29, 2003  
Date

  
Philip A. Pincosy

executed this

Signature of Inventor(s)

Sept. 29, 2003  
Date

  
Donna M. Chato

executed this

Signature of Inventor(s)

\_\_\_\_\_  
Date

see page 3  
Hugh Kirbie

executed this

Signature of Inventor(s)

Sept. 29, 2003  
Date

  
Glen F. James

- End of Document -  
II-11035

executed this

Signature of Inventor(s)

\_\_\_\_\_  
Date

see page 2 of 3

\_\_\_\_\_  
Philip A. Pincosy

executed this

Signature of Inventor(s)

\_\_\_\_\_  
Date

see page 2 of 3

\_\_\_\_\_  
Donna M. Chato

executed this

Signature of Inventor(s)

9-29-03

\_\_\_\_\_  
Date

*Hugh Kirby* 9/29/03  
Hugh Kirby

executed this

Signature of Inventor(s)

\_\_\_\_\_  
Date

see page 2 of 3

\_\_\_\_\_  
Glen F. James

- End of Document -  
IL-11035