

FORM PTO-1619A

Expires 06/30/99  
OMB 0651-0027U.S. Department of Commerce  
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S-10 3944

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Name (line 1) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

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Month Day Year  
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## Second Party

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## Receiving Party

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Name (line 1) U. S. Department of Energy

Name (line 2)

Address (line 1) 1000 Independence Avenue, S.W.

Address (line 2)

Address (line 3) Washington

D.C.

20585-0162

City

State/Country

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FORM PTO-1619B

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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## Correspondent Name and Address

Area Code and Telephone Number

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Name Brenda K. Banks

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Address (line 3) Washington, D. C. 20585-0162

Address (line 4) Telephone (Voice): 202-586-2802

## Pages

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## Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

11/159,978

If this document is being filed together with a new Patent Application, enter the date the patent application  
was

Month Day Year

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
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# 1

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To the best of my knowledge and belief, the foregoing information is true and correct and any  
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indicated herein.

Brenda K. Banks

Name of Person Signing

Signature

Date

PATENT

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11/159978

**CONFIRMATORY LICENSE****Title: Electron Beam Diagnostic for Profiling High Power Beams****Inventor(s): John W. Elmer, Alan T. Teruya, Todd A. Palmer****DOE Docket No.: S103944****Contract Number: W-7405-ENG-48****Contractor: Regents of the University of California****Lawrence Livermore National Laboratory****Docket No./Sub: IL-11314/A****U.S. Patent Application S.N.: 11/159978****Filing Date: 06/22/05****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 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:**

Wendy R. Pebler  
Wendy R. Pebler, Paralegal

**By:**

8/18/2005

Alan H. Thompson  
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P.O. Box 808, L-701  
Livermore, CA 94551-0808

**PATENT****RECORDED: 09/09/2005****REEL: 016767 FRAME: 0826**