

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
Jefferson Science Associates, LLC/Thomas Jefferson National Accelerator Facility	03/01/2010
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:	10858143
CORRESPONDENCE DATA	
Fax Number:	(202)586-7127
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 1:	1000 Independence Ave.
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20585
NAME OF SUBMITTER:	Brenda K. Banks
Total Attachments: 2 source=S-105928#page1.tif source=S-105928#page2.tif	

CONFIRMATORY LICENSE

Title: Single Optical Element Laser Beam Shaper
Inventor(s): J.R. Zhang, Michelle D. Shinn
Serial No.: 10/858,143
Filing Date (U.S.): 6/1/2004
U.S. Patent No. 6,943,964 B1 dated Sept. 13, 2005

Contract No.: DE-AC05-06OR23177

Contractor: Jefferson Science Associates, LLC/Thomas Jefferson National Accelerator Facility

DOE Class Waiver No.: W(C)-1993-002; ORO-550

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (certified on 3/01/10) as interpreted under Jefferson Science Associates' Operating Agreement governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U.S. Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, the subject invention, throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations (excluding continuation-in-part) thereof and any resulting patent or reissue patent which may be granted thereof.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 1st day of March, 2010.

By Rhonda Scales
(Signature)

Rhonda Scales, Legal Counsel
(Name and Title)

12000 Jefferson Avenue, Suite 15, Newport News, VA 23606
(Mailing Address)

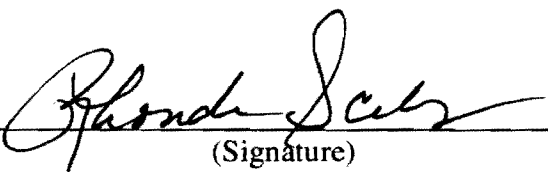
If the invention was made under a subcontract, please identify

The Prime Contractor: _____
Prime Contract No.: _____

CERTIFICATION

Contract No.: DE-AC05-06OR23177

I certify that the attached contract provisions are a true and correct copy of provisions of the above-numbered contract by and between Jefferson Science Associates, LLC and the U.S. Department of Energy as in effect and interpreted under JSA's Operating Agreement on the date hereof.

By 
(Signature)

Rhonda Scales, Legal Counsel
(Name and Title)

12000 Jefferson Avenue, Suite 15,
Newport News, Virginia 23606
(Mailing Address)

Date 3/01/10