

FORM PTO-1619A  
Expires 08/30/99  
OMB 0651-0027

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

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5-99 864

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Name (line 1) SANDIA CORPORATION Execution Date  
Month Day Year  
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Name (line 1) \_\_\_\_\_ Execution Date  
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Name (line 2) \_\_\_\_\_

#### Receiving Party

Mark if additional names of receiving parties attached

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 Zip Code

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FORM PTO-1619B  
Expires 06/30/99  
OMB 0651-0027

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

**Correspondent Name and Address**

Area Code and Telephone Number

202-586-2802

Name Brenda K. Banks

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**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

**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)

10/763,913

Patent Number(s)

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 only if a U.S. Application Number has not been assigned.

PCT  PCT  PCT   
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**Number of Properties**

Enter the total number of properties involved.

# 1

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Fee Amount for Properties Listed (37 CFR 3.41): \$

0.00

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Brenda K. Banks

Name of Person Signing

Brenda K Banks  
Signature

6/10/04  
Date

10/763,913  
SD-7237/S99.864  
May 10, 2004

## CONFIRMATORY LICENSE

Application for: ERECTED MIRROR OPTICAL SWITCH  
Inventor(s): James J. Allen  
Serial Number: 10/763,913  
Filing Date: 01/22/2004  
Contract No.: DE-AC04-94AL85000  
Contractor: Sandia Corporation

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 January 9, 1996, 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 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 thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said 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.

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

Signed this 21<sup>st</sup> day of May, 2004.



Russell D. Elliott  
Chief IP Counsel

If the invention was made under a subcontract, please identify the Prime Contractor:

\_\_\_\_\_, Prime Contract No. \_\_\_\_\_