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PATENTS ONLY

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11.19.07

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Name: USA as represented by the Secretary of the Army

Internal Address: ATTN: SMDC-CC

USA Space and Missile Defense Command

Street Address: P.O. Box 1500

City: Huntsville

State: AL

Country: USA Zip: 35807-3801

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 24, 2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/949,030

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: USA Space and Missile Defense Command

Internal Address: ATTN: SMDC-CC/Christella Green

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ -0-

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- Enclosed
- None required (government interest not affecting title)

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9. Signature:

Christella M. Green
Signature

13 Nov 2007
Date

Christella M. Green
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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LICENSE TO THE UNITED STATES GOVERNMENT

This instrument confers to the United States Government, as represented by the U.S. Department of the Army, a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention Title: "Microwave Frequency Electro-Optic Beam Deflector"

Inventor(s): William C. Nunnally, John M. Gahl, Timothy Renkoski

U.S. Patent Application

Serial No.: 10/949,030

Filing date: September 24, 2004

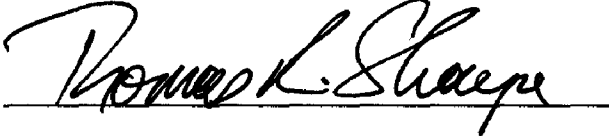
Patent Number:

Title: "Microwave Frequency Electro-Optic Beam Deflector and Analog to Digital Conversion"

Country, if other
than United States:

This subject invention was conceived or first actually reduced to practice in performance of a government-funded project, Grant No. DASG60-02-C-0015-P.

Principal rights to this subject invention have been left with the Licensor: The Curators of the University of Missouri, subject to the provisions of 37 CFR 401 and 45 CFR 8.

Signed: 

Date: 3/24/05

Typed Name: Thomas R. Sharpe, Ph.D.

Title: Executive Director, Office of Technology & Special Projects