

05-20-2010



103597689

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01-51.5

1. Name of conveying party(ies)

Massachusetts Institute of Technology
FA9550-06-1-0470

2. Name and address of receiving party(ies)

Name: UNITED STATES AIR FORCE

Internal Address: AFOSR/PK

Additional name(s) of conveying party(ies) attached? Yes No

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

Execution Date(s) 22 March 2010

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

Street Address: 875 N. RANDOLPH STREET

SUITE 325, RM 3112

City: ARLINGTON

State: VA

Country: USA

Zip: 22203

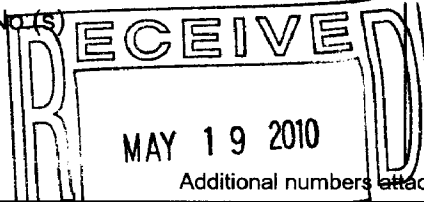
Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/954,461

B. Patent No.(s)



Additional numbers attached? Yes No

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

Name: UNITED STATES AIR FORCE

Internal Address: AFOSR/PK

Street Address: 875 N. RANDOLPH STREET

City: ARLINGTON

State: VA

Zip: 22203

Phone Number: 703-696-7295

Fax Number: 703-696-9733

Email Address: geraldine.wilson@afosr.af.mil

6. Total number of applications and patents involved:

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

- Authorized to be charged by credit card
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- None required (government interest not affecting title)

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Authorized User Name _____

9. Signature: *Geraldine Wilson*
Signature

14 May 2010
Date

Name of Person Signing

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

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Sign and Fax this to (301) 480-0272

Invention Title: Mode Transformers for Low Index High Confinement Waveguides

Inventor(s): Feng, Ning-Ning

Kimerling, Lionel C.

Michel, Jurgen

Sun, Rong

U.S. Filing/Issue Date: 12/12/2007

Patent or Application Serial No.: 11/954461

Grant/Contract Number(s): FA9550-06-1-0470

Foreign Applications filed/intended in (countries): _____

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of:

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2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 22 day of MAR, 20 10

By Rolande Johndro (Name of Grantee/Contractor Official) Rolande Johndro (Signature)

Title Patent Compliance Administrator
MIT (Grantee/Contractor Organization)

At Technology Licensing Office
Massachusetts Institute of Technology
Five Cambridge Center, Kendall Square
Room NE25-230
Cambridge, MA 02142-1493

04-15-2010

4-14-10



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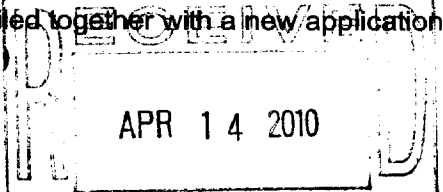
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Geraldine Wilson
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