
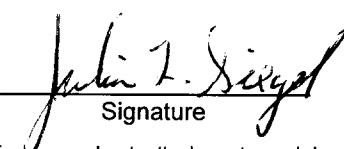


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Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼	RECC  103034559	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
1. Name of conveying party(ies): Paul A. Maki, Sysan C. Palmateer Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: Government of the United States of America as represented by the Secretary of the Air Force Internal Address: <u>ESC/JAZ</u> Street Address: <u>40 Wright Street</u> <u>Bldg 1120</u> City: <u>Hanscom AFB</u> State: <u>MA</u> Zip: <u>01731-2903</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>16 May 2005, 16 May 2005</u>	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) _____ <u>11/136,802</u> _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>ESC/JAZ</u> Internal Address: _____ Street Address: <u>40 Wright Street</u> City: <u>Hanscom AFB</u> State: <u>MA</u> Zip: <u>01731-2903</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>AF01-0465</u>	
DO NOT USE THIS SPACE		
9. Signature. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>JULIAN L. SIEGEL</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;">  Signature </div> <div style="width: 30%; text-align: right;"> <u>29 Jun 2005</u> Date </div> </div> <div style="text-align: right; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and documents: <u>5</u> </div>		

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

07/05/2005 6TOM11 00000032 010465 11136802

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(40.00 DA)

PATENT
REEL: 016736 FRAME: 0818

AFB00738

ASSIGNMENT

WHEREAS the Government of the United States of America entered into a contract numbered **F19628-00-C-0002** with **Massachusetts Institute of Technology**, as Contractor, which contract provides that as to all discoveries, inventions, or improvements made or first reduced to practice in the performance thereof and not covered or to be covered by applications for Letters Patent filed by the Contractor, the Government of the United States shall be entitled to an assignment of the entire right, title, and interest therein, reserving to the Contractor, however, a nonexclusive, revocable, royalty-free license therein;

WHEREAS **PAUL A. MAKI** and **SUSAN C. PALMATEER** are employed by the Contractor and during the course of their employment made an invention entitled **DAMASCENE OPTICAL WAVEGUIDES**, which invention forms a part of the aforesaid contract; and

WHEREAS the Contractor has signified its intention not to file an application for Letters Patent on the aforesaid invention;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, We, **PAUL A. MAKI** and **SUSAN C. PALMATEER**, the inventors and **Massachusetts Institute Technology**, the Contractor, by its duly authorized officer or agent, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the Secretary of the Air Force, the entire right, title, and interest throughout the United States of America, its territories and dependencies, and all foreign countries, in and to the said invention entitled **DAMASCENE OPTICAL WAVEGUIDES** described in the specification executed by us on or about the 16 day of May, 2005, and 16 day of May, 2005, preparatory to obtaining Letters Patent of the United States therefore and all Letters Patent issuing thereon and any continuations, divisions, and reissues or extensions thereof, reserving to the Contractor a nonexclusive, revocable, royalty-free license to make, use and/or sell the subject matter of said invention described in the aforesaid specification and in any patent or patents which may issue thereon and any continuations, divisions and reissues or extensions thereof without the payment of royalties thereon, which license shall be assignable to the successor of that part of the Contractor's business to which it pertains; we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent to the Government of the United States of America, as represented by the Secretary of the Air Force, and his/her successors, as the assignee of the said entire right, title and interest in and to the same for the sole use, except as aforesaid for the full term or terms for which said Letters Patent and any continuations, divisions, and reissues or extensions thereof

are or may be granted as fully and entirely, except as aforesaid, as the same would have been held by **PAUL A. MAKI** and **SUSAN C. PALMATEER** had this assignment not been made; and We, **PAUL A. MAKI** and **SUSAN C. PALMATEER**, the inventors, hereby agree to execute any and all applications for Letters Patent, both domestic and foreign, and to furnish all data and documents and to execute any papers which may be necessary for the preparation and filing of such applications, except it shall be understood that I shall not be subject to any out-of-pocket expense relative to such action.

Inventor 
PAUL A. MAKI

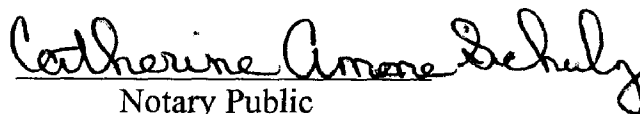
STATE OF Massachusetts

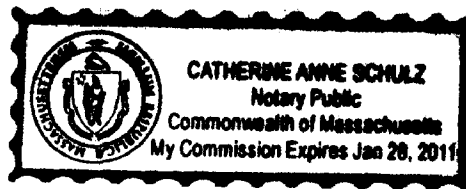
ss.

COUNTY OF Middlesex

Before me, a Notary Public in and for the county of Middlesex and state of Massachusetts, on this 16th day of May 2005, personally appeared **PAUL A. MAKI** to me known personally, who being duly sworn did say that he is the inventor who signed the above instrument and acknowledged said instrument to be his free act and deed.

(SEAL)


Notary Public



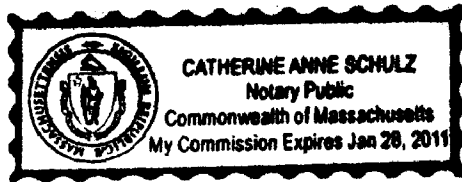
Inventor Susan C. Palmateer
SUSAN C. PALMATEER

STATE OF Massachusetts

SS.

COUNTY OF Middlesex

Before me, a Notary Public in and for the county of Middlesex and state of Massachusetts, on this 16th day of May 2005, personally appeared **SUSAN C. PALMATEER** to me known personally, who being duly sworn did say that he is the inventor who signed the above instrument and acknowledged said instrument to be his free act and deed.



Catherine Anne Schulz
Notary Public

(SEAL)

* * * * *

Contractor _____

Officer or Agent (A)

Signature

Title

Business Address

Signed this _____ day of _____ 20 ____.

I, (B) _____, certify that I am the Secretary, Assistant Secretary, or equivalent, of the Corporation named as Contractor herein; that (A) _____ who signed this assignment on behalf of the Contractor, was then _____ of said Corporation; that said assignment was duly signed for and in behalf of said Corporation by authority of its governing body, and is within the scope of its corporate powers.

(B) _____
Signature

Signed this _____ day of _____ 20 ____