

Form PTO-1595 (Rev. 08/08)
OMB No. 0651-0027 (exp. 9/30/2008)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Brian L. UHLHORN
Howard J. SCHANTZ

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

2. Name and address of receiving party(ies)

Name: Lockheed Martin Corporation

Internal Address: _____

Street Address: 6801 Rockledge Drive

City: Bethesda

State: Maryland

Country: USA Zip: 20817

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

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

Execution Date(s) 8/12/2008; 8/11/2008

- 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):

A. Patent Application No.(s)

12/146,756

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Denise J. PUTRAH

Internal Address: Lockheed Martin Corporation

Street Address: 3333 Pilot Knob Road, MS U2F26

City: Eagan

State: Minnesota Zip: 55121

Phone Number: 651.456.2070

Fax Number: 651.456.2073

Email Address: denise.j.putrah@lmco.com

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 122145

Authorized User Name Denise J. PUTRAH

9. Signature:

Denise J. Putrah
Signature

26 September 2008

Date

Denise J. PUTRAH
Name of Person Signing

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

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 122145 12146756

Docket No. 20057.0043US01

Assignment of Invention

WHEREAS, we, Brian L.Uhlhorn, of 605 Snelling Avenue South, Unit 210, St. Paul, Minnesota 55116, and Howard J. Schantz, of 11108 Albavar Path, Inver Grove Heights, Minnesota 55077, have invented certain new and useful improvements in TUNABLE WAVELENGTH FILTER DEVICE, for which an application for Letters Patent of the United States has been filed on June 26, 2008, and which may be identified in the United States Patent Office by Application No. 12/146,756.

WHEREAS, Lockheed Martin Corporation (hereinafter "Assignee"), a corporation organized and existing under the laws of the state of Maryland, and having its principal offices located at 6801 Rockledge Drive, Bethesda, Maryland 20817, U.S.A., is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors or assigns, my entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or continuation-in-part, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been filed or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title, and interest in and to the same, for the use of the said Assignee, its successors and assigns.

Upon said consideration I do hereby covenant and agree with the said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Application No. 12/146,756

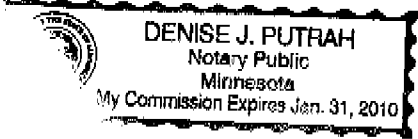
IN WITNESS WHEREOF, I have hereunto set my hand this 12 day of August 2008.

Brian L. Uhlhorn
Brian L. Uhlhorn

STATE OF MINNESOTA)

COUNTY OF DAKOTA)

On this 12 day of August 2008, before me personally appeared Brian L. Uhlhorn known to me or identified as the person described in and who executed the foregoing assignment, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Denise J. Putrah
Notary Public

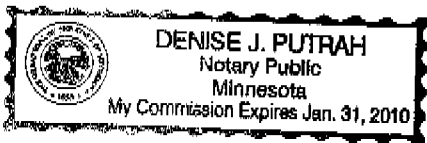
IN WITNESS WHEREOF, I have hereunto set my hand this 11 day of Aug. 2008.

Howard J. Schantz
Howard J. Schantz

STATE OF MINNESOTA)

COUNTY OF DAKOTA)

On this 11 day of August 2008, before me personally appeared Howard J. Schantz known to me or identified as the person described in and who executed the foregoing assignment, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Denise J. Putrah
Notary Public