504537588 09/07/2017

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MATTHIAS P. SAVAGE-LEUCHS	04/12/2011

#### **RECEIVING PARTY DATA**

Name:	Lockheed Martin Corporation	
Street Address:	6801 Rockledge Drive	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20817	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14288077

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ATTORNEY DOCKET NUMBER:	5032.052US1 & FOLLOWING
NAME OF SUBMITTER:	GREGORY A. LEMAIRE
SIGNATURE:	/Gregory A. Lemaire/
DATE SIGNED:	09/07/2017

#### **Total Attachments: 2**

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PATENT 504537588 REEL: 043526 FRAME: 0356

Docket No: 5032.052US1 Serial Number: not yet assigned Filing Date: April 12, 2011 Page 1 of 2

Docket Number: 5032.052WO1 Serial Number: PCT/US2011/031865 Filing Date: April 9, 2011

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#### ASSIGNMENT

### WHEREAS, I,

Matthias P. Savage-Leuchs, residing at 17621 N.E. 160th Street, Woodinville, Washington 98072, made certain new and useful inventions and improvements for which I am filing an application for Letters Patent of the United States, which application claims benefit of

- U.S. Provisional Patent Application 61/343,947 filed on April 12, 2010,
- U.S. Provisional Patent Application 61/343,945 filed on April 12, 2010,
- U.S. Provisional Patent Application 61/343,946 filed on April 12, 2010,
- U.S. Provisional Patent Application 61/343,948 filed on April 12, 2010, and
- U.S. Provisional Patent Application 61/343,949 filed on April 12, 2010, and is entitled

# "HIGH-POWER LASER SYSTEM HAVING DELIVERY FIBER WITH NON-CIRCULAR CROSS SECTION FOR ISOLATION AGAINST BACK REFLECTIONS";

and for which I filed an international patent application under the Patent Cooperation Treaty (PCT) on April 9, 2011, which application was assigned PCT Application Serial Number PCT/US2011/031865, and is entitled

# "HIGH-POWER LASER SYSTEM HAVING DELIVERY FIBER WITH NON-CIRCULAR CROSS SECTION FOR ISOLATION AGAINST BACK REFLECTIONS":

AND WHEREAS, Lockheed Martin Corporation, a corporation organized and existing under and by virtue of the laws of the State of Maryland, and having an office and place of business at 6801 Rockledge Drive, Bethesda, Maryland 20817 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

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 sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid applications, and in and to the said applications, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been 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 there from; and I do hereby authorize and request the Commissioner of Patents and Trademarks 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.

PATENT REEL: 043526 FRAME: 0357 Docket No: 5032.052US1 Serial Number: not yet assigned Filing Date: April 12, 2011 Page 2 of 2 Docket Number: 5032.052WO1 Serial Number: PCT/US2011/031865.

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AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of April 2011

Matthias P. Savage Leuchs

PATENT REEL: 043526 FRAME: 0358

**RECORDED: 09/07/2017**