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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tolga Yilmaz	08/10/2010
Khush Brar	08/11/2010
Charles A. Lemaire	08/11/2010

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:	12854868

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ATTORNEY DOCKET NUMBER:	5032.056US1
NAME OF SUBMITTER:	Gregory A. Lemaire

Total Attachments: 5

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PATENT S01267269 REEL: 024862 FRAME: 0052

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Docket No.: 5032.056US1 Serial Number : not yet assigned Filing Date : not yet assigned

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ASSIGNMENT

WHEREAS, We,

Tolga Yilmaz, residing at 76 Cedar Street 607, Seattle, Washington 98121,

Khush Brar, residing at 4030 184th Street SE, Bothell, Washington 98012, and

Charles A. Lemaire, residing at 13195 Flamingo Court, Apple Valley, Minnesota 55124,

made certain new and useful inventions and improvements for which we are filing an application for

Letters Patent of the United States, which application claims benefit of

- U.S. Provisional Patent Application Serial No. 61/253,041 filed October 19, 2009,
- U.S. Provisional Patent Application Serial No. 61/263,736 filed November 23, 2009,
- U.S. Provisional Patent Application Serial No. 61/343,947 filed April 12, 2010,
- U.S. Provisional Patent Application Serial No. 61/343,948 filed April 12, 2010,
- U.S. Provisional Patent Application Serial No. 61/343,945 filed April 12, 2010,
- U.S. Provisional Patent Application Serial No. 61/343,949 filed April 12, 2010, and
- U.S. Provisional Patent Application Serial No. 61/343,946 filed April 12, 2010, and is entitled

"IN-LINE FORWARD/BACKWARD FIBER-OPTIC SIGNAL ANALYZER";

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, we 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 application, and in and to the said application, 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 we 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.

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AND, for the consideration aforesaid, we do hereby agree that we and our 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, we 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 us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of August, 2010. (date) (month)
Tolga Yilmaz
Torga Timiaz
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of August, 2010.
Khush Brar
IN TESTIMONY WHEREOF, I have hereunto set my hand this the day of Angust, 2010. (date) (month) Charles A. Lemaire

Electronic Acknowledgement Receipt		
EFS ID:	8202431	
Application Number:	12854868	
International Application Number:		
Confirmation Number:	8735	
Title of Invention:	IN-LINE FORWARD/BACKWARD FIBER-OPTIC SIGNAL ANALYZER	
First Named Inventor/Applicant Name:	Tolga Yilmaz	
Customer Number:	84623	
Filer:	Charles Arthur Lemaire/Gregory A. Lemaire	
Filer Authorized By:	Charles Arthur Lemaire	
Attorney Docket Number:	5032.056US1	
Receipt Date:	11-AUG-2010	
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Application Type:	Utility under 35 USC 111(a)	

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Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1 Oath or Declaration filed	Onth or Dodonation filed	5032-056 us 1_Declaration-POA.	880205		2
	pdf	20ad68876629fdbcf4663b40ba75657d833 0bbda	no	3	
Warnings:		1			
Information:					
2	Drawings-only black and white line	5032-056us1_figures.pdf	166743	no	8
drawings	drawings	5052 050d31_figures.pdf	8764c89dece14860690a79a246a3e8ac9c8 93344		
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3		056_AK-10912_isolator- forward-backward_tap-1.pdf	234417	yes	43
3			bbb82cacf79ccf7a8884f4b3bb5e16475628 a14f		
	Multip	part Description/PDF files in .	zip description		
	Document Description		Start	End	
	Specification		1	36	
	Claims		37	42	
	Abstract		43	43	
Warnings:					
Information:					
4	4 Application Data Sheet	5032-056us1_US_ADS_Form_S B_14_ADOBE.pdf	1467413	no	5
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Warnings:					
Information:					
	Fee Worksheet (PTO-875)	fee-info.pdf	33049	no	2
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Warnings:					

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PATENT REEL: 024862 FRAME: 0058

RECORDED: 08/19/2010