

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
James C. BEFFA		02/23/2009
Anthony C. KOWALCZYK		02/23/2009
RECEIVING PARTY DATA		
Name:	LOCKHEED MARTIN CORPORATION	
Street Address:	6801 Rockledge Drive	
City:	Bethesda	
State/Country:	MARYLAND	
Postal Code:	20817-1877	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12393978	
CORRESPONDENCE DATA		
Fax Number:	(949)851-9348	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	949-851-0633	
Email:	kcarraway@mwe.com	
Correspondent Name:	McDermott Will & Emery LLP	
Address Line 1:	18191 Von Karman Avenue, Suite 500	
Address Line 4:	Irvine, CALIFORNIA 92612-7107	
ATTORNEY DOCKET NUMBER:	083874-0066	
NAME OF SUBMITTER:	Soyeon (Karen) Pak Laub, Reg. No. 39,266	
Total Attachments: 1		
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Docket No.: 083874-0066

ASSIGNMENT

WHEREAS We, James C. BEFFA and Anthony C. KOWALCZYK of 1135 Rebecca Drive, Boulder Creek, California 95006 and 6 Walton Street, San Carlos, California 94070, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled OPTICAL SWITCHING AND DELAY SYSTEMS AND METHODS FOR OPTICAL ENCRYPTION AND/OR OPTICAL DECRYPTION, and filed concurrently herewith;

AND WHEREAS, LOCKHEED MARTIN CORPORATION, a corporation of the State of Maryland and having an address of 6801 Rockledge Drive, Bethesda, Maryland 20817-1877, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto LOCKHEED MARTIN CORPORATION, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee 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, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said LOCKHEED MARTIN CORPORATION, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

2/23/09
Date

James C. Beffa
James C. BEFFA

2-23-2009
Date

Anthony C. Kowalczyk
Anthony C. KOWALCZYK

ORC 456137-1.083874.0066