

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	GOVERNMENT INTEREST AGREEMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JOSHUA M. KVAVLE</td> <td>11/06/2013</td> </tr> <tr> <td>JAMES R. ADLEMAN</td> <td>11/06/2013</td> </tr> <tr> <td>CHRISTOPHER K. HUYNH</td> <td>11/06/2013</td> </tr> <tr> <td>EVERETT W. JACOBS</td> <td>11/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	JOSHUA M. KVAVLE	11/06/2013	JAMES R. ADLEMAN	11/06/2013	CHRISTOPHER K. HUYNH	11/06/2013	EVERETT W. JACOBS	11/06/2013
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RECEIVING PARTY DATA											
Name:	UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE NAVY										
Street Address:	ONE LIBERTY CENTER, 875 NORTH RANDOLPH STREET, SUITE 1425										
Internal Address:	OFFICE OF NAVAL RESEARCH										
City:	ARLINGTON										
State/Country:	VIRGINIA										
Postal Code:	22203-1995										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13368041</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13368041						
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Application Number:	13368041										
CORRESPONDENCE DATA											
Fax Number:	(619)553-3821										
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ATTORNEY DOCKET NUMBER:	101250										

NAME OF SUBMITTER:	PETER A. LIPOVSKY
Signature:	/Peter A. Lipovsky/
Date:	11/07/2013
Total Attachments: 1 source=101250_asn_signed#page1.tif	

Inventor (s) : Joshua M. Kvale; James R. Adleman; Christopher K. Huynh; Camille-Sophie Bres; Sanja Zlatanovic; Andreas Olof Johan Wiberg; Ping Piu Kuo; Evgeny Myslivets; Everett W. Jacobs; and Stojan Radic

ASSIGNMENT

WHEREAS, I (we), Joshua M. Kvale; James R. Adleman; Christopher K. Huynh; and Everett W. Jacobs, all of San Diego, CA, while employed by the Government of the United States, have invented certain new and useful improvements in:

OPTICAL DOMAIN WIDEBAND RF SPECTRUM ANALYZER/CHANNELIZER BASED ON THIRD-ORDER
NONLINEAR MIXING

identified as Navy Case No.101,250, described in application for Letters Patent of the United States of America executed by me (us) on 5 APR; 28 MAR; 2 APR; and 20 MAR, 2012, respectively, and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and


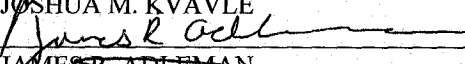


WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the promises and other good and valuable consideration the receipt of which is hereby acknowledged, I (we) hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment not been made.

I (We) do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I (We) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

Name 
JOSHUA M. KVALE
Name 
JAMES R. ADLEMAN
Name 
CHRISTOPHER K. HUYNH
Name 
EVERETT W. JACOBS

Date 6 Nov. 13
Date 6 NOV 13
Date 06 NOV 13
Date 06 Nov 13

PATENT