

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	GOVERNMENT INTEREST AGREEMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joanna Ptasinski</td> <td>08/22/2007</td> </tr> <tr> <td>Scott Rodgers</td> <td>08/22/2007</td> </tr> <tr> <td>Stephen Russell</td> <td>08/22/2007</td> </tr> </tbody> </table>		Name	Execution Date	Joanna Ptasinski	08/22/2007	Scott Rodgers	08/22/2007	Stephen Russell	08/22/2007
Name	Execution Date								
Joanna Ptasinski	08/22/2007								
Scott Rodgers	08/22/2007								
Stephen Russell	08/22/2007								
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11844192</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11844192				
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Application Number:	11844192								
CORRESPONDENCE DATA									
Fax Number:	(619)553-3821								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	619-553-3001								
Email:	sscsd_patents@navy.mil								
Correspondent Name:	Office of Patent Counsel								
Address Line 1:	53510 Silvergate Ave.								
Address Line 2:	SPAWARSYSCEN SAN DIEGO Code 360012								
Address Line 4:	San Diego, CALIFORNIA 92152-5765								
ATTORNEY DOCKET NUMBER:	98884								
NAME OF SUBMITTER:	Ryan J. Friedl								
Total Attachments: 1									

CH \$40.00 11844192

ASSIGNMENT

WHEREAS, we, Joanna Ptasinski, Scott Rodgers, and Stephen Russell of San Diego CA, respectively, while employed by the Government of the United States, have invented certain new and useful improvements in:

METAL NANOPARTICLE PHOTONIC BANDGAP DEVICE IN SOI METHOD

identified as Navy Case No. 98884, described in application for Letters Patent of the United States of America executed by me on 22 Aug, 2007; 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, 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.

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 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.

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, we have set our hand and affixed our seal.

[Signature]
Joanna Ptasinski

Date 22 August 2007

[Signature]
Scott Rodgers

Date 22 August 2007

[Signature]
Stephen Russell

Date 22 August 2007