Form <b>PTO-1595</b> (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Of
RECORDATION FORM COVER SHEET	
	TS ONLY 97,639
	ase record the attached documents or the new address(es) below.
Name of conveying party(ies)	2. Name and address of receiving party(ies)
JOHN J. MACRI	Name: The United States of America as Represented by the
	Internal Address: Secretary of the Navy
Additional name(s) of conveying party(ies) attached? Yes X No.	Office of Counsel Attn: Code OOCCIP
3. Nature of conveyance/Execution Date(s):	Street Address: Ballston Tower One
Execution Date(s) 5/18/2007	800 North Quincy Street
✓ Assignment	
Security Agreement Change of Name	City: Arlington
Joint Research Agreement	State: Virginia
Government Interest Assignment	Country: United States Zip;22217-5660
Executive Order 9424, Confirmatory License	210,22217-3060
Other	Additional name(s) & address(es) attached? Yes V
4. Application or patent number(s): This	document is being filed together with a new application
A. Patent Application No.(s)	B. Patent No.(s)
11/894,625	
Additional numbers at	tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Department of the Navy	
Internal Address: Office of Counsel	7. <b>Total fee</b> (37 CFR 1.21(h) & 3.41) \$ 40.00
	Authorized to be charged by credit card  Authorized to be charged to deposit account
Street Address: 3824 Strauss Ave Suite 103	Enclosed
01.0017.001000. <u>-0027.0110035746.00110.105</u>	None required (government interest not affecting title
City: Indian Head	8. Payment Information
State: Maryland Zip: 20640-5152	a. Credit Card Last 4 Numbers
Phone Number: 301-744-5603	Expiration Date
Fax Number: 301-744-4423	b. Deposit Account Number 50-1114
Email Address:fredric.zimmerman@navy.mil	Authorized User Name Fredric J. Zimmerman
O Signatura.	
9. Signature: Signature	<u> 3 September 2007</u>
Fredric J. Zimmerman, Reg. No. 48,747	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 019787 FRAME: 0225

## ASSIGNMENT OF INVENTION

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, the Government desires to obtain the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the United States of America as represented by the Secretary of the Navy 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 as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy 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 myself had this assignment not been made.

I do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to myself within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I 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 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 have set my hands and affixed my seals.

Date

5/16/2007

RECORDED: 09/05/2007

Signatúre: Johr

PATENT REEL: 019787 FRAME: 0226

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