Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Paterit and Trademark Offi
	ORM COVER SHEET
PATENTS ONLY	
	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies) DAVID A. NELSON	2. Name and address of receiving party(ies)
DAVID SMITH	Name: The United States of America as Represented by the
SCOTT STROHMAN	Internal Address: Secretary of the Navy
KEN POE	Office of Counsel Attn: Code OOCCIP
Additional name(s) of conveying party(les) attached? Yes X No. 3. Nature of conveyance/Execution Date(s):	Street Address: Ballston Tower One
Execution Date(s) MARCH 17, 2008	Officer Address. Ballstoff Tower Office
✓ Assignment Merger	_800 North Quincy Street
Security Agreement Change of Name	City: Arlington
└─ Joint Research Agreement	State: Virginia
Government Interest Assignment	Country at their at Observe
Executive Order 9424, Confirmatory License	Country: United States Zip: 22217-5660
Other	Additional name(s) & address(es) attached? Yes 🗸 No
A. Patent Application No.(s) 12/082,193 Additional numbers at	B. Patent No.(s) tached?
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	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Office of Counsel	Authorized to be charged by credit card
	Authorized to be charged by credit card Authorized to be charged to deposit account
Observat Address and on the second	Enclosed
Street Address: 3824 Strauss Ave Suite 103	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
9. Signature: medn Jumin	71 April 2000
Signature	21/April 2008 Date
Fredric J. Zimmerman, Reg. No. 48,747 Name of Person Signing	Total number of pages including cover 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: 020833 FRAME: 0292

RECORDED: 04/21/2008

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, we 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 us had this assignment not been made.

We 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 us 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 us 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.

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 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 hands and affixed our seals.

17 MAR 2008	_ Daird Helson
Date	Signature: O DAVID A. NELSON
17 Man 2008	Naines C. Summer
Date	Signature: DAVID SMITH
17 Mar 2008	Jakote
Date	Signature: SCOTT STROHMAN
17 MOR JUV8 Date	Signature: KEN POE

PATENT REEL: 020833 FRAME: 0293