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omas W. Smith (signed 5/17/01)

To the Honorable Commiss

6-19-01

Name: The United States of America as represented by the Secretary of the Navy

Internal Address: CHIEF OF NAVAL RESEARCH

OFFICE OF COUNSEL (ATTN: CODE OOCCIP)

Street Address:

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3.	Nature o	of conveyance:	
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4. Application number(s) or patent number(s):

> A. Patent Application No.(s) 09/864.819 filed: 05/24/01

B. Patent No.(s)

Name and address of party to whom 5. correspondence concerning documents should be mailed:

> James B. Bechtel Office of Counsel (CD222) Naval Surface Warfare Center **Dahlgren Division** Dahlgren, Virginia 22448-5000

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41) \$ 40.00
  - Authorized to be charged to deposit account
- 8. Deposit account number: 50-0967

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June 18, 2001

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postat S date shown below with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231.

Date:	
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Beverly D. Cook

**PATENT** REEL: 011910 FRAME: 0241

SERIAL NO. 09/864,810 FILING DATE: 05/24/01

PATENT TRADEHARK OFFICE

## **ASSIGNMENT OF INVENTION**

Navy Case No. 82654

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 is desirous of obtaining 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, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration, the receipt of which is hereby acknowledged, I(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 an 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 me(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 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 me(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 me(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.

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 TESTIMO	NY WHEREOF, I (we) have	set my (our) hand(s) and affixed my (our) scal(s)	
17 May 2001		Ithomas um mult	Seal
0	(date)	Thomas W. Smith	
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PATENT REEL: 011910 FRAME: 0242