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Corm PTO-1595 (Rev. 03/01)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
IBADE OMB No. 0651-0027 (exp. 5/31/2002) 10237 (exp. 5/31/2002) Tab settings ⇒ ⇒ ⇒ ▼ ▼	9845 🔻 🔻 🗸
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): J. Michael Picone Robert R. Meier 2.26.03	2. Name and address of receiving party(ies) The United States of America as Name: represented by the Secretary of the Navy
	Internal Address:CHIEF OF NAVAL RESEARCH
	OFFICE OF COUNSEL
Additional name(s) of conveying party(ies) attached? Yes xx No	
3. Nature of conveyance:	(ATTN: CODE OOCCIP)
xx Assignment Security Agreement	Street Address: BALLSTON TOWER ONE
Other	800 NORTH QUINCY STREET
	City: <u>ARLINGTON</u> State: <u>VA</u> Zip: <u>22217</u>
Execution Date: <u>6/19/01</u>	Additional name(s) & address(es) attached? Yes 😿 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new applie	cation, the execution date of the application is:
A. Patent Application No.(s) 09/893,015	B. Patent No.(s)
NC 82,482	
Additional numbers atta	i ached? Yes xx No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1
Name: ASSOCIATE COUNSEL (PATENTS)	7. Total fee (37 CFR 3.41)\$_40.00
Internal Address:NAVAL_RESEARCH_LABORATORY	Enclosed
(ATTN: CODE 1008.2)	EXX Authorized to be charged to deposit account
	8. Deposit account number:
Street Address: <u>4555 OVERLOOK AVENUE, SW</u>	50-0281
City:_ <u>WASHINGTON</u> _State:_ <u>DC</u> _Zip:20375	
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JOHN J. KARASEK Reg. No. 36,182	2/21/03
Reg. No. 36,182 Image: No. 36,182 Name of Person Signing Image: No. 36,182	Signature 2/21/03 Date Date

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ASSIGNMENT

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 premises and other good and valuable consideration the receipt of which is hereby acknowledged, we hereby assign and transfer to the Government the entire rights, 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 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 me had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire rights, 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 Letters 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 Letters Fatent 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 me subject to a nonexclusive, irrevocable, royaltyfree 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 sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

PATENT REEL: 013794 FRAME: 0601

ASSIGNMENT (CONTINUATION)

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 hands and affixed our seals.

(Date) (Date) (Date)

Michael Picone

}. Meier

PATENT REEL: 013794 FRAME: 0602

RECORDED: 02/21/2003