FORM PTO-1595 RECORD, (Rev. 6-93)	12-08-2000 T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
OMB No. 0651-0011 (exp. 4/94)		
Tab settings ⇒ ⇒ ▼ //.//▼ To the Honorable Commissioner of Patents apd	101545563 Iginal documents or copy thereof,	
in the second se	2. Name and address of receiving party(ies)	
1. Name of conveying part (ics):	Name: The United States of America as	
Melvin Miles Ashraf Imam	Name: <u>The United States of America as</u> represented by the Secretary of the Navy Internal Address: <u>CHIEF OF NAVAL RESEARCH</u>	
	OFFICE OF COUNSEL	
3. Nature of conveyance:	(ATTN: CODE OOCCIP)	
🛛 Assignment 🗆 Merger	Street Address: <u>BALLSTON TOWER ONE</u>	
Security Agreement     Change of Na		
Other	City: <u>ARLINGTON</u> State: <u>VA</u> ZIP:22217_	
Execution Date:8-31-00; 8-30-00	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 application, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)	
09/651,270		
Additional numbers attached? 🖸 Yes ն No		
NC 79,391	6. Total number of applications and patents involved:	
<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>		
Name: ASSOCIATE COUNSEL (PATENTS)	7. Total fee (37 CFR 3.41)	
Internal Address: <u>NAVAL_RESEARCH_LABORATORY</u>		
(ATTN: CODE 1:008.2)	Authorized to be charged to deposit account	
Street Address: 4555 OVERLOOK AVENUE, S.W.	8. Deposit account number: 50-0281	
City: WASHINGTON, DC State: ZIP: 2037	5 (Attach duplicate copy of this page if paying by deposit account)	
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01 FC:581       40.00 CH         01 FC:581       40.00 CH         9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the principal document.		
9. Statement who wiedge and belief, the follogening the original document.		
IOHN J. KARASEK	Date Date	
Reg. No. 36,182	Signature 5 including cover sheet, attachments, and document: 5	
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Mail documents to be recorded with required cover sheet internation Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 PATENT REEL: 011307 FRAME: 0433		

NC 79,391 Pg 1 of 2

## ASSIGNMENT

WHEREAS, we, Melvin H. Miles and M. Ashraf Imam, while employed by the Government of the United States, have invented certain new and useful improvements in "PALLADIUM-BORON ALLOYS AND METHODS FOR MAKING AND USING SUCH ALLOYS", identified as Navy Case No. 79,391 and described in application for Letters Patent of the United States of America executed by us on , 2000; 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 premises 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 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 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 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 Patent 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 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 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 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

NC 79,391 Pg 2 of 2

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.

Mehin H- Miles (Seal) Date: 31 August 2000 Melvin H. Miles

M. Ashraf Imam

(Seal) Date:

PATENT REEL: 011307 FRAME: 0435

NC 79,391 Pg 1 of 2

## ASSIGNMENT

WHEREAS, we, Melvin H. Miles and M. Ashraf Imam, while employed by the Government of the United States, have invented certain new and useful improvements in "PALLADIUM-BORON ALLOYS AND METHODS FOR MAKING AND USING SUCH ALLOYS", identified as Navy Case No. 79,391 and described in application for Letters Patent of the United States of America executed by us on , 2000; and:

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IN TESTIMONY WHEREOF, we have set our hands and affixed our seals.

	Date:
Melvin H. Miles	
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(Seal) Date: 830/2000