FORM PTO-1595 (Rev. 6-93)	5-2001 SHEET U.S. DEPARTMENT OF COMME Patent and Trademark C
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TO THE MONORADIP COMMISSIONARY PAI	
1 Name of conveying party/ice).	2. Name and address of receiving party(ies)
Allen N. Garroway (615-0)	Name: The United States of America as
Bryan H. Suits Joel B. Miller	represented by the Secretary of the Navy
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Internal Address: CHIEF OF NAVAL RESEARCH
2. Nature of conveyance	OFFICE OF COUNSEL
3. Nature of conveyance:	- (ATTN: CODE OOCCIP)
☑ Assignment ☐ Merger	Street Address: BALLSTON TOWER ONE
☐ Security Agreement ☐ Change of Name	800 NORTH CHINCY STREET
Other	City: ARLINGTON State: VA ZIP: 22217
Execution Date: 4/17/01; 6/06/01; 2/08/99	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)
09/006,440 NC# 78,339	
Additional numbers attached? ☐ Yes ☑ No	
Name and address of party to whom correspondence concerning document should be mailed:	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)	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: 20375	(Attach duplicate copy of this page if paying by deposit account)
25/2001 LMUELLER 00000213 500281 090064 0 DO NOT USE THIS SPACE	
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 the original document. JOHN J. KARASEK Reg. No. 36,182 Name of Person Signing Signature A part of document.	
Total number of pages including cover sheet, attachments, and document:	
Mail documents to be recorded with required cover sheet information to:	

Commissioner of Patents & Trademarks, Box As: Washington, D.C. 20231

PATENT

REEL: 011915 FRAME: 0964

ASSIGNMENT

WHEREAS, We, Allen N. Garroway, and Joel B. Miller, of Ft. Washington, MD and Cheverly, MD, while employed by the Government of the United States, have invented certain new and useful improvements in PROBE FOR DETECTING A TRANSIENT MAGNETIC RESONANCE SIGNAL, WHEREIN THE RATIO OF THE Q OF THE PROBE TO THE Q OF THE RESONANCE SIGNAL IS RELATIVELY LARGE, identified as Navy Case No. 78,339 and described in application for Letters Patent of the United States of America executed by us on January 13, 1998; 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;

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 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 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 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 hand(s) and affixed our seal(s).

ALLEN N. GARROWAY

JOHL B. MILLER Date: 17 April 2011

Date: 8 Fc4 1999

> **PATENT** REEL: 011915 FRAME: 0965

Navy Case No.78,339

ASSIGNMENT

WHEREAS, I, Bryan H. Suits of Houghton, MI, while under an obligation to assign inventions to the Government of the United States, has invented certain new and useful improvements in "PROBE FOR DETECTING A TRANSIENT MAGNETIC RESONANCE SIGNAL, WHEREIN THE RATIO OF THE Q OF THE PROBE TO THE Q OF THE RESCHANCE SIGNAL IS RELATIVELY LARGE", identified as Navy Case No. 78,339 and described in application for Letters Patent of the United States of America U.S. Application Serial No. Filed on January 13, 1998; 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, I 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 me had this assignment not been made.

I 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 six months of the filing date of any applications riled in foreign countries within six months of the filing date of any application for United States Letters Patent covering the invention, or within six 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, 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 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 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 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, I have set my hand and affixed my seal.

Date: 6 June 200 | Sugar List Suite Seal

TOTAL P.03