OMB No. 065" 2011 (exp. 4/94)

08-02-2001

Tab settings □ □ □ ▼	original documents or copy thereof.
To the Honorable Commissioner of Patents ar	796330 ss of receiving party(ies)
1. Name of conveying party(ies): O	
ALLEN GARROWAY JOEL MILLER 17/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/ 10/10/0/	Name: The United States of America as represented by the Secretary of the Nav Internal Address: CHIEF OF NAVAL RESEARCH
Additional name(s) of conveying party(ies) attached? Q No	OFFICE OF COUNSEL
3. Nature of conveyance:	(ATTN: CODE OOCCIP)
☑ Assignment ☐ Merger	Street Address: BALLSTON TOWER ONE
☐ Security Agreement ☐ Change of Name	800 NORTH QUINCY STREET City: ARLINGTON State: VA ZIP:2221
Other	Additional name(s) & address(es) attached? ☐ Yes XX No
Application number(s) or patent number(s): If this document is being filed together with a new application.	on, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s) 5,608,321
Serial No. 08/583,146	Va C Vae S No
Navy Case No. 76,330 Additional numbers a	attached? ☐ Yes ☑ 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
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DIRECTIVES

ONRINST SAZO .

	3470
WHEREAS, X (wc) Allen Garroway and Jo	el Miller
•	of Fort Washington
and Cheverly Maryland.	
While employed by the Government of the United States	, have invented certain new and useful improvemen
METHOD AND APPARATUE FOR DETECTING TARGET S	PECIES HAVING OHADRUPOLAR NUCLET BY
STOCHASTIC NUCLEAR QUADRUPOLE RESONANCE identified as Navy Case No. 76,330 and de States of America executed by mor (us) on	scribed in application for Letters Patent of the Un
WHEREAS, the Government of the United State inafter referred to as the Government, is desirous of a said application and other rights and benefits herein g	s, represented by the Secretary of the Navy and hacquiring an assignment of the invention discloses
WHEREAS, the conditions under which the inventional under Paragraph 1(a) of Executive Order 10096, to the crights; and	ation was made are such as to entitle the Governmentire right, title and interest therein, including fore
WHEREAS, as to foreign rights, it is the policy of rights;	the Government to obtain an option to exercise s
NOW, THEREFORE, in consideration of the pre- receipt of which is hereby acknowledged, I (we) hereby a title and interest in and to said invention within the Uni- and the entire right, title and interest in and to said appl thereof, and such Letters Patent as may issue therefrom application and Letters Patent to be held by the Gover Patent may be granted, as fully and entirely as the same not been made.	issign and transfer to the Government the entire righted States of America, its territories and possession ication and any continuation, division or substitute and any reissue or extensions thereof, said invention in the term for which said Letter to the end of the term for which said Letter in the control in the term for which said Letter in the control in the term for which said Letter in the control in the term for which said Letter in the control in the term for which said Letter in the control in the term for which said Letter in the control in the term for which said Letter in the control in the term for which is a said in the control in the term for which is a said in the control
k (We) do hereby also grant unto the Government, in the invention and all patent applications or other fo the United States in which the Government may file, or other forms of protection, without payment of any conoption to take foreign rights in the invention, or applications force and effect only as to such applications filed in force any application for United States Letters Patent coverisification of the invention, whichever is later, and that left to me (us) subject to a nonexclusive, irrevocable, ror other form of protection which may issue on said in to issue sub-licenses for use in behalf of the Government.	rms of protection thereon in all countries foreign cause to be filed, applications for Letters Patent is ideration; provided, however, that this grant of tions or other forms of protection thereon, shall have in a countries within six months of the filing doing the invention, or within six months from the declar all foreign rights not exercised under the option oyalty-free license to the Government in any pat vention in any foreign country, including the pot and/or in furtherance of the foreign policies of
A (We) hereby further agree to make, execute, and of ments, affidavits, statements, or other instruments that rand of any continuation, division or substitution of the sion of said Letters Patent, and to assist the Government be requested, provided that any expense arising through	application, or any application for reissue or extent in every way in protecting the invention as reach such efforts will be paid by the Government.
IN TESTIMONY WHEREOF, I (We) have set my	(our) hand(s) and affixed my (our) seal(s).
26 Nov 1996	Allen Garroway
(date)	ALLEN GALLOWAY
26 November 1996 (date)	Joel/Miller
(uaic)	
(date)	

NAVONR 5870/34 (Rev 7-87)

RECORDED: 07/30/2001

PATENT REEL: 012021 FRAME: 0826