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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Frank A. Narducci	10/14/2010
Jon P. Davis	10/14/2010

RECEIVING PARTY DATA

Name:	The United States of America as represented by the Secretary of the Navy
Street Address:	875 N. Randolph Rd.
Internal Address:	Office of Counsel
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22203-1995

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12905177

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER:	PAX 41
NAME OF SUBMITTER:	Mark D. Kelly

Total Attachments: 2

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PATENT S01321333 REEL: 025145 FRAME: 0216

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PATENT REEL: 025145 FRAME: 0217

Ref: SECNAVINST 5870 3C

ASSIGNMENT OF INVENTION

WHEREAS, I (we), Frank A. Narducci, of, St. Leonard, Maryland and Jon P. Davis, of Lusby, Maryland, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled "Gradient Magnetometer Atom Interferometer," identified as Navy Case No. PAX 41 and executed by me (us) on October 14, 2010, 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, 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 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 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 twelve 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 twelve 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

PATENT REEL: 025145 FRAME: 0218 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 TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

October 14,2010

(date)

Frank A. Narducci

October 142010

(date)

In P. Davis

NAVONR 5870134 (Rev. 6-97) Previous issues of this form are obsolete.

> PATENT REEL: 025145 FRAME: 0219

RECORDED: 10/15/2010