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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Mark W. Hoffman; Robert K. Tacey; Erwin T. Moyer; Jason S. Craft; and
Ronald S. Barbara

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The United States of America, Secretary of the Navy

Internal Address: Chief of Naval Research, Office of

Counsel (ATTN: Code OOCIP)

Street Address: 875 North Randolph Street

One Liberty Center

City: Arlington

State: VA

Country: USA Zip: 22203-1995

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 8/21/09; 8/21/09; 8/21/09; 8/21/09; 4/20/09

Assignment

Merger

Security Agreement

Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/423,390

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Dave A. Ghatt, Code 004

Internal Address: Office of Patent Counsel - NSWCCD

Street Address: 9500 MacArthur Blvd., Bldg M

City: West Bethesda

State: MD Zip: 20817-5700

Phone Number: 301-227-1835

Fax Number: 301-227-1968

Email Address: dave.ghatt@navy.mil

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-0958

Authorized User Name Dave A. Ghatt

9. Signature:

Signature

11/19/2009
Date

Dave A. Ghatt

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500958 12423390

N/C - 98,888

ASSIGNMENT OF INVENTION

WHEREAS I (we), Mark W. Hoffman, Manassas, Virginia; Robert K. Tacey, Alexandria, Virginia; Erwin T. Moyer, Winterville, North Carolina; Jason S. Craft, Gaithersburg, Maryland; Ronald S. Barbaro, Fairfax, Virginia, respectively, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled **Implosion Mitigation Vessel** identified as Navy Case No. 98,888 and described in application for Letters Patent of the United States of America as executed by me (us) on 21 Aug 2009, 2009; 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 desires to obtain 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, the Government desires an option to obtain the foreign rights in and to the invention;

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 to 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 eight 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 eight 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 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 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).

21 Aug 2009
Date

Mark W. Hoffman Seal
MARK W. HOFFMAN

Date

Seal
ROBERT K. TACEY

N/C - 98,888

ASSIGNMENT OF INVENTION

WHEREAS I (we), Mark W. Hoffman, Manassas, Virginia; Robert K. Tacey, Alexandria, Virginia; Erwin T. Moyer, Winterville, North Carolina; Jason S. Craft, Gaithersburg, Maryland; Ronald S. Barbaro, Fairfax, Virginia, respectively, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled **Implosion Mitigation Vessel** identified as Navy Case No. 98,888 and described in application for Letters Patent of the United States of America as executed by me (us) on _____, 2009; 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 desires to obtain 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, the Government desires an option to obtain the foreign rights in and to the invention;

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 to 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 eight 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 eight 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 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 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).

Date

MARK W. HOFFMAN

Seal

Date

ROBERT K. TACEY

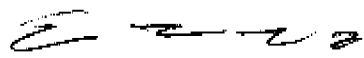
Seal


N/C - 98,888

8/21/09
Date

8/21/09
Date

Date

 Seal
ERWIN T. MOYER

 Seal
JASON S. CRAFT

Seal
RONALD S. BARBARO

N/C - 98,888

Date

ERWIN THOMAS MOYER Seal

Date

JASON S. CRAFT Seal

4/20/09

Date



RONALD S. BARBARO Seal

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Total Number of Pages Sent (Including This Page): 6

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I hereby certify that this correspondence (including an "Assignment of Invention" and a "Recordation Cover Sheet") is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. (571) 273-0140) on **NOV 19 2009**

STACEY C. FINLEY

In re Patent Application of	:	Art Unit: 1797
Mark W. Hoffman et al.	:	
Attorney Docket No.: 98,888	:	Examiner:
Serial No. 12/423,390	:	
Filed: 14-APR-2009	:	Confirm. No.: 8451

For: Implosion Mitigation Vessel