

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thinh Q. Hoang</td> <td>05/04/2012</td> </tr> <tr> <td>Charles H. Robinson</td> <td>05/03/2012</td> </tr> <tr> <td>Robert H. Wood</td> <td>05/03/2012</td> </tr> <tr> <td>Ryan R. Knight</td> <td>05/03/2012</td> </tr> <tr> <td>Oliver M. Barham</td> <td>05/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thinh Q. Hoang	05/04/2012	Charles H. Robinson	05/03/2012	Robert H. Wood	05/03/2012	Ryan R. Knight	05/03/2012	Oliver M. Barham	05/04/2012
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<table border="1"> <tr> <td>Name:</td> <td>U.S. Government as Represented by the Secretary of the Army</td> </tr> <tr> <td>Street Address:</td> <td>RDAR-GCL/Bldg. 3</td> </tr> <tr> <td>Internal Address:</td> <td>U.S. ARMY RDECOM-ARDEC</td> </tr> <tr> <td>City:</td> <td>Picatinny Arsenal, Dover</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07806-5000</td> </tr> </table>		Name:	U.S. Government as Represented by the Secretary of the Army	Street Address:	RDAR-GCL/Bldg. 3	Internal Address:	U.S. ARMY RDECOM-ARDEC	City:	Picatinny Arsenal, Dover	State/Country:	NEW JERSEY	Postal Code:	07806-5000
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13411918</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13411918								
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Application Number:	13411918												
CORRESPONDENCE DATA													
Fax Number:	(973)724-5552												
Phone:	973-724-3449												
Email:	lorilee.andrews@us.army.mil												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Lori Andrews												
Address Line 1:	RDAR-GCL / BLDG 3												
Address Line 2:	U.S. ARMY RDECOM-ARDEC												
Address Line 4:	PICATINNY ARSENAL, NEW JERSEY 07806-5000												
ATTORNEY DOCKET NUMBER:	2011-023												

CH \$40.00 13411918

NAME OF SUBMITTER:

Michael C. Sachs

Total Attachments: 4

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**PATENT**

**REEL: 028211 FRAME: 0185**

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)**

Thinh Q. Hoang; Charles H. Robinson; Robert H. Wood;  
Ryan R. Knight; Oliver M. Barham

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

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

Execution Date(s) 5/4/12; 5/3/12; 5/3/12; 5/3/12; 5/4/12

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: U.S. Government as Represented by the Secretary of the

Internal Address: U.S. Army RDECOM-ARDEC Army

Street Address: RDAR-GCL/Bldg. 3

City: Picatinny Arsenal, Dover

State: NJ

Country: US Zip 07806-5000

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

**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)

13/411,918

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lori Andrews

Internal Address: U.S. Army RDECOM-ARDEC

Street Address: RDAR-GCL/Bldg. 3

City: Picatinny Arsenal, Dover

State: NJ Zip 07806-5000

Phone Number: 973-724-3449

Docket Number 2011-023

Email Address: lorilee.andrews@us.army.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 19-2201

Authorized User Name Michael C. Sachs

**9. Signature:**

/Michael C. Sachs/

May 15, 2012

Signature

Date

Michael C. Sachs

Name of Person Signing

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

4

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

ASSIGNMENT OF INVENTIONPatent Application Title: NON-INERTIAL SAFE AND ARM DEVICEInventor(s): Thinh Q. Hoang; Charles H. Robinson; Robert H. Wood; Ryan R. Knight; Oliver M. Baman

Provisional Application Serial No. \_\_\_\_\_ Filing date: \_\_\_\_\_

Patent Application Serial No. 13/411,918 Filing Date: 3/5/2012 Date Oath executed: 5/4/12; 5/3/12; 5/3/12; 5/3/12; 5/4/12Docket No.: 2011-023

Patent Number: \_\_\_\_\_

*respectively*

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions and Puerto Rico, in and to the above-identified invention(s), provisional application(s), application(s) for patent, and Patent Cooperation Treaty application(s), and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application(s) and any reissue or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, all right, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed or files a Patent Cooperation Treaty application; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, or fails to file a Patent Cooperation Treaty application, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention(s), the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor: \_\_\_\_\_

Date: 4 May 2012Typed Name of Inventor: Thinh Q. HoangAddress: 12009 Franklin Street, Beltsville, MD 20705

Signature of Inventor: \_\_\_\_\_

Date: 03 MAY 2012Typed Name of Inventor: Charles H. RobinsonAddress: 361 Dartmouth St. Wyckoff, NJ 07481

Signature of Inventor: \_\_\_\_\_

Date: 3 MAY 2012Typed Name of Inventor: Robert H. WoodAddress: 8478 Glen Ridge Drive, Laurel, MD 20723

PATENT

REEL: 028211 FRAME: 0187

ASSIGNMENT OF INVENTION

Patent Application Title: **NON-INERTIAL SAFE AND ARM DEVICE**

Inventor(s): **Thinh Q. Hoang; Charles H. Robinson; Robert H. Wood; Ryan R. Knight; Oliver M. Barhan**

Provisional Application Serial No. \_\_\_\_\_ Filing date: \_\_\_\_\_

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Signature of Inventor: Date: 5/03/2012

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