

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ryan Hooke</td> <td>02/08/2011</td> </tr> <tr> <td>Daniel Salman</td> <td>02/08/2011</td> </tr> <tr> <td>George Sudol</td> <td>02/08/2011</td> </tr> <tr> <td>Brian Travers</td> <td>02/08/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ryan Hooke	02/08/2011	Daniel Salman	02/08/2011	George Sudol	02/08/2011	Brian Travers	02/08/2011		
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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<b>PROPERTY NUMBERS Total: 1</b>													
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (973)724-5552  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 973-724-3449</p> <p>Email: lorilee.andrews@us.army.mil</p> <p>Correspondent Name: Lori Andrews</p> <p>Address Line 1: RDAR-GCL / BLDG 3</p> <p>Address Line 2: U.S. ARMY RDECOM-ARDEC</p> <p>Address Line 4: PICATINNY ARSENAL, NEW JERSEY 07806-5000</p>													
ATTORNEY DOCKET NUMBER:	2009-090												
NAME OF SUBMITTER:	Michael C. Sachs												

CH \$40.00 13022880

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**PATENT**  
 REEL: 025946 FRAME: 0989

Total Attachments: 4

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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)**

Ryan Hooke; Daniel Salman; George Sudol; Brian Travers

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

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

Execution Date(s) 2/8/2011

- ☒ 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 Army

Internal Address: U.S. Army RDECOM-ARDEC

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)

13/022,880

Filing Date: 2/8/2011

B. Patent No.(s)

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

Fax Number: 973-724-5552

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/

Signature

March 14, 2011

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 INVENTION

Patent Application Title: **MODULAR BREACHING AND DEMOLITION SYSTEM**

Inventor(s): Ryan Hooke; Daniel Salman; George Sudol; Brian Travers

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

Patent Application Serial No. 131022880 Filing Date: 2/8/2011 Date Oath executed: 2/8/2011

Docket No.: 2009-090

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

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 *Ryan Hooke* Date: Feb 8, 2011

Typed Name of Inventor: Ryan Hooke

Address: 80 Fox Hollow Rd Sparta NJ 07871

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

Typed Name of Inventor: Daniel Salman

Address: 42 Woodland Drive, East Windsor, NJ 08520

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

Typed Name of Inventor: George Sudol

Address: 30 Corwin Street, Kenvil, NJ 07847

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Patent Application Title: **MODULAR BREACHING AND DEMOLITION SYSTEM**

Inventor(s): Ryan Hooke; Daniel Salman; George Sudol; Brian Travers

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

Patent Application Serial No. 131022, 880 Filing Date: 2/8/2011 Date Oath executed: 2/8/2011

Docket No.: 2009-090

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

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

Typed Name of Inventor: Ryan Hooke

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Signature of Inventor  Date: 2/8/11

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Signature of Inventor  Date: 2/8/2011

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Signature of Inventor B E Travers Date: 2/8/11

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