

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<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>Brian E. Fuchs</td> <td>06/21/2011</td> </tr> <tr> <td>James L. Zunino III</td> <td>06/21/2011</td> </tr> <tr> <td>Daniel P. Schmidt</td> <td>06/14/2011</td> </tr> <tr> <td>Daniel Stec III</td> <td>06/14/2011</td> </tr> <tr> <td>Anne Marie Petrock</td> <td>06/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Brian E. Fuchs	06/21/2011	James L. Zunino III	06/21/2011	Daniel P. Schmidt	06/14/2011	Daniel Stec III	06/14/2011	Anne Marie Petrock	06/21/2011
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<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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CORRESPONDENCE DATA													
<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 Email: lorilee.andrews@us.army.mil 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</p>													
ATTORNEY DOCKET NUMBER:	2009-068												

CH \$40.00 13109344

501574172

PATENT
REEL: 026490 FRAME: 0568

NAME OF SUBMITTER:

Henry S. Goldfine

Total Attachments: 6

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PATENT

REEL: 026490 FRAME: 0569

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)

Brian E. Fuchs; James L. Zunino, III; Daniel P. Schmidt; Daniel Stec, III;
Anne Marie Petrock

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

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

Execution Date(s) 6/21/11; 6/21/11; 6/14/11; 6/14/11; 6/21/11

☒ Assignment ☐ Merger *respectively*

☐ 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)

B. Patent No.(s)

13/109,344 Filing Date: 5/17/2011

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 Henry S. Goldfine

9. Signature:

/Henry S. Goldfine/
Signature

June 23, 2011
Date

Henry S. Goldfine
Name of Person Signing

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

6

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: Flexible Detonator Integrated With Directly Written Energetics

Inventor(s): Brian E. Fuchs; James L. Zunino, III; Daniel P. Schmidt; Daniel Stec, III; Anne Marie Petrock;

Provisional Application Serial No. _____ Filing date _____

Patent Application Serial No. 13/109,344 Filing Date: 5/17/2011 Date Oath executed: 6/21/11; 6/21/11; 6/14/11; 6/14/11;

Docket No.: 2009-068

Patent Number: _____

6/21/11 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 Brian Edmund Fuchs Date: 21 June 11

Typed Name of Inventor: Brian E. Fuchs

Address: 106 Countryside Lane, Hackettstown, NJ 07840

Signature of Inventor _____ Date: _____

Typed Name of Inventor: James L. Zunino, III

Address: 2 Berton Road, Boonton Twp., NJ 07005

Signature of Inventor _____ Date: _____

Typed Name of Inventor: Daniel P. Schmidt

Address: 26 North Street, Floor 2, Madison, NJ 07940

PATENT

REEL: 026490 FRAME: 0571

ASSIGNMENT OF INVENTION

Patent Application Title: Flexible Detonator Integrated With Directly Written Energetics

Inventor(s): Brian E. Fuchs; James L. Zunino, III; Daniel P. Schmidt; Daniel Stec, III; Anne Marie Petrock;

Provisional Application Serial No. _____ Filing date _____

Patent Application Serial No. 13/109,344 Filing Date: 5/17/2011 Date Oath executed: 6/21/11; 6/21/11; 6/14/11; 6/14/11;

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Signature of Inventor _____ Date: _____

Typed Name of Inventor: Brian E. Fuchs

Address: 106 Countryside Lane, Hackettstown, NJ 07840

Signature of Inventor  Date: 6/21/10

Typed Name of Inventor: James L. Zunino, III

Address: 2 Berton Road, Boonton Twp., NJ 07005

Signature of Inventor _____ Date: _____

Typed Name of Inventor: Daniel P. Schmidt

Address: 26 North Street, Floor 2, Madison, NJ 07940

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Signature of Inventor _____ Date: _____

Typed Name of Inventor: Anne Marie Petrock

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Signature of Inventor _____ Date: _____

Typed Name of Inventor: Daniel Stec, III

Address: 48 Paula Drive, Long Valley, NJ 07853

Signature of Inventor  Date: 21 June 11

Typed Name of Inventor: Anne Marie Petrock

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