

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Michael J. Donadio	03/31/2011
Harry L. Moore Jr.	03/31/2011
Hardev Singh	03/31/2011
Matthew Sussmann	03/31/2011
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Internal Address:	U.S. ARMY RDECOM-ARDEC
City:	Picatinny Arsenal, Dover
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Postal Code:	07806-5000
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12981682
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ATTORNEY DOCKET NUMBER:	2009-024
NAME OF SUBMITTER:	Michael C. Sachs
Total Attachments: 3 source=024record#page1.tif source=024record#page2.tif source=024record#page3.tif	

CH \$40.00 12981682

### 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)**

Michael J. Donadio; Harry L. Moore, Jr.; Hardev Singh;  
Matthew Sussmann

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

**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

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

Execution Date(s) 3/31/2011

- 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)

12/981,682

Filing Date: 12/30/2010

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

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**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

April 7, 2011  
Date

Michael C. Sachs  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

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ASSIGNMENT OF INVENTION

Patent Application Title LOW ENERGY IGNITION SYSTEM FOR LARGE AND MEDIUM CALIBER AMMUNITION

Inventor(s): Michael J. Donadio; Harry L. Moore, Jr.; Hardev Singh; Matthew Sussman

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

Patent Application Serial No. 12/981,682 Filing Date: 12/30/2010 Date Oath executed: 3/31/11

Docket No.: 2009-024 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:  Date: 31 MARCH 2011

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Signature of Inventor: *Hardev Singh* Date: 3/31/2011

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Signature of Inventor: *Matthew Sussmann* Date: 3/31/2011

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