

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Saif Musali</td> <td>02/07/2012</td> </tr> <tr> <td>Munasir Harhara</td> <td>02/07/2012</td> </tr> <tr> <td>Nicholas Payne</td> <td>02/08/2012</td> </tr> <tr> <td>Roger Joinson</td> <td>02/07/2012</td> </tr> <tr> <td>Velan Mudaliar</td> <td>02/08/2012</td> </tr> <tr> <td>Daniel Prillaman</td> <td>02/07/2012</td> </tr> <tr> <td>Shri Singh</td> <td>02/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Saif Musali	02/07/2012	Munasir Harhara	02/07/2012	Nicholas Payne	02/08/2012	Roger Joinson	02/07/2012	Velan Mudaliar	02/08/2012	Daniel Prillaman	02/07/2012	Shri Singh	02/07/2012
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Velan Mudaliar	02/08/2012																
Daniel Prillaman	02/07/2012																
Shri Singh	02/07/2012																
<b>RECEIVING PARTY DATA</b>																	
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																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13302183</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13302183												
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Application Number:	13302183																
<b>CORRESPONDENCE DATA</b>																	
Fax Number:	(973)724-5552																
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CH \$40.00 13302183

PATENT

ATTORNEY DOCKET NUMBER:	2010-049
NAME OF SUBMITTER:	Henry S. Goldfine
Total Attachments: 7 source=049record#page1.tif source=049record#page2.tif source=049record#page3.tif source=049record#page4.tif source=049record#page5.tif source=049record#page6.tif source=049record#page7.tif	

### 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)

Saif Musali; Munasir Harhara; Nicholas Payne; Roger Jcinson;  
Velan Mudaliar; Daniel Prillaman; Shri Singh

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) 2/7/12; 2/7/12; 2/8/12; 2/7/12 2/8/12; 2/7/12

- Assignment  Merger *2/7/12 respectively*
- Security Agreement  Charge 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)

13/302,183 Filing Date: 11/22/2011

Additional numbers attached?  Yes  No

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

Name: Lori Andrews

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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

March 12, 2012  
Date

Henry S. Goldfine  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

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: **COMPOSITE SABOT**

Inventor(s): Saif Musali; Munasir Harhara; Nicholas Payne; Roger Joinson; Velan Mudaliar; Daniel Prillaman; Shri Singh

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

Patent Application Serial No. 13/302,183 Filing Date: 11/22/2011 Date Oath executed: 2/7/12; 2/7/12; 2/8/12; 2/7/12; 2/8/12;  
2/7/12; 2/7/12 respectively

Docket No.: 2010-049 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 Saif John Musali Date: 2/7/12

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Signature of Inventor Munasir Harhara Date: 2-7-12

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ASSIGNMENT OF INVENTION

Patent Application Title: **COMPOSITE SABOT**

Inventor(s): Saif Musali; Munasir Harhara; Nicholas Payne; Roger Joinson; Velan Mudaliar; Daniel Prillaman; Shri Singh

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

Patent Application Serial No. 13/302,183 Filing Date: 11/22/2011 Date Oath executed: 2/7/12; 2/7/12; 2/8/12; 2/7/12; 2/8/12;

Docket No.: 2010-049 Patent Number: \_\_\_\_\_

2/7/12; 2/7/12 respectively

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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.

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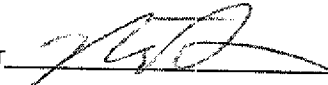
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Signature of Inventor \_\_\_\_\_ Date: \_\_\_\_\_

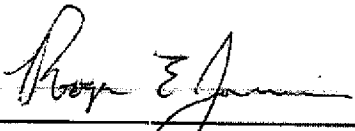
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