

**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>Vladimir M. Gold</td> <td>04/15/2010</td> </tr> <tr> <td>William J. Poulos</td> <td>04/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Vladimir M. Gold	04/15/2010	William J. Poulos	04/15/2010
Name	Execution Date						
Vladimir M. Gold	04/15/2010						
William J. Poulos	04/15/2010						
<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>12730318</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12730318		
Property Type	Number						
Application Number:	12730318						
<b>CORRESPONDENCE DATA</b>							
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ATTORNEY DOCKET NUMBER:	2009-037						
NAME OF SUBMITTER:	Michael C. Sachs						

Total Attachments: 2  
 source=037record#page 1.tif

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**PATENT  
 REEL: 024239 FRAME: 0393**

**CH \$40.00 12730318**



### 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)**  
Vladimir M. Gold; William J. Poulos  
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) 4/15/2010  
 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)  
12/730,318 Filing Date: 3/24/2010  
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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Fax Number: 973-724-2008  
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/ \_\_\_\_\_ April 15, 2010  
Signature Date  
Michael C. Sachs Total number of pages including cover sheet, attachments, and documents: 2  
Name of Person Signing

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: **WARHEAD COMPRISED OF ENCAPSULATED GREEN FRAGMENTS OF VARIED SIZE AND SHAPE**

Inventor(s): Vladimir M. Gold, William J. Poulos

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

Patent Application Serial No. 12/730,318 Filing Date: 3/24/2010 \*Date Oath executed: 4/15/10

Docket No.: 2009-037 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: 15 Apr 2010

Typed Name of Inventor: Vladimir M. Gold

Address: 144 Wilder Street, Hillside, NJ 07205

Typed Name of Inventor: William Poulos 15 APR 2010  
Address: 261 Knoll Drive, PARK RIDGE, N.J. 07656  
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