## 502826841 05/28/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LEON MANOLE	05/02/2014
MARK YOUNG	05/01/2014

#### **RECEIVING PARTY DATA**

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	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14267091

### **CORRESPONDENCE DATA**

**Fax Number:** (973)724-5552

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Address Line 4: PICATINNY ARSENAL, NEW JERSEY 07806-5000

NAME OF SUBMITTER:HENRY S. GOLDFINESIGNATURE:/Henry S. Goldfine/DATE SIGNED:05/28/2014

**Total Attachments: 3** 

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> PATENT REEL: 032976 FRAME: 0125

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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)	Name and address of receiving party(ies)     Name: U.S. Government as Represented by the Secretary of the Army		
Leon Manole; Mark Young	Internal Address: U.S. Army RDECOM-ARDEC		
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 5/2/2014; I y respectively	Street Address: RDAR-GCL/Bldg. 3		
Assignment Merger  Security Agreement Change of Name	City: Picatinny Arsenal, Dover		
Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	State: NJ  Country: US Zip: 07806-5000		
Other	Additional name(s) & address(es) attached? Yes No		
4. Application or patent number(s):  A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63).  B, Patent No.(s)		
14/267,091 Filed: 5/1/2014			
Additional numbers attached? Yes No  5. Name and address to whom correspondence 6. Total number of applications and patents			
concerning document should be mailed: Name: Lori Andrews	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00		
Internal Address: U.S. Army RDECOM-ARDEC			
Street Address: RDAR-GCL/Bldg. 3	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)		
City: Picatinny Arsenal, Dover	8. Payment Information		
State: NJ Zip: 07806-5000			
Phone Number: 973-724-3449  Docket Number: 2013-0 1	Deposit Account Number 19-2201		
Email Address: lori.andrews2.civ@mail.mil	Authorized User Name Henry S. Goldfine		
9. Signature: /Henry S. Goldfine/	May 38, 2014		
Signature  Henry S. Goldfine  Name of Person Signing  Documents to be recorded (including cover sheet)	Total number of pages including cover sheet, attachments, and documents:  att) should be faxed to (571) 273-0140, or mailed to: of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450		

# ASSIGNMENT OF INVENTION

Patent Application Title: STACKABLE COLLABORATIVE ENGAGEMENT MUNIT	ion
Inventor(s): Leon Manole; Mark Young	
Provisional Application Serial No. Filing date:  Patent Application Serial No. 14/367, 05/ Filing Date: 5///9 Date O  Docket No.: 2013-041 Patent Number:	
I (We), the undersigned inventor(s), in consideration of the right States acquired by virtue of the circumstances under which the above hereby:  1. Assign to the Government of the United States, as represente entire right, title and interest throughout the United States, its TRico, in and to the above-identified invention(s), provisional application Patent Cooperation Treaty application(s), and all Letters Patent issecontinuation-in-part or division of said application(s) and any reissecontinuation-in-part or division of said application(s) and any reissecontinuation for patent, determines to cause an application to be file application; provided that if the Government determines not to cause particular foreign country or fails to make such a determination, or application, within the said eight months, all right, title and interest shall remain in me (us), subject to a nonexclusive, irrevocable, royally patent which may issue on the invention in such foreign country sublicenses for use in behalf of the Government and/or furtherance Government.  3. Agree to provide any further information within my (our) documents necessary to the prosecution of patent applications on settlement of interferences and recording of title to patent application. Signature of Inventor: Leon Manole	sented by the Secretary of the Army, erritories, Possessions and Puerto tion(s), application(s) for patent, and uing thereon, and any continuation, se or extension of said Letters Patent fight, title and interest in the invention onths of the filling of the United States of or files a Patent Cooperation Treaty se an application to be filed in any fails to file a Patent Cooperation Treaty in the invention in such foreign country alty-free license to the Government in the foreign policies of the consequence of the foreign policies of the second and patents issuing thereon.
Address: 358 Rt. 46, Great Meadows, NJ 07838	
Signature of Inventor Da  Typed Name of Inventor: Mark Young  Address: _14 Magnolia Lane, Mt. Arlington, NJ 07856	e;

#### ASSIGNMENT OF INVENTION

Provisional Application Serial No. 1918/7091 Filling date:  Patent Application Serial No. 1918/7091 Filling Date: 51114 Date Oath executed: 5314, 5113019 Feuroda's welly  Docket No.: 2013-041 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 filling of the United States 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	Patent Application Title: STACKABLE COLLABORATIVE ENGAGEMENT MUNITION
Docket No.: 2013-041  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 inventor. Leon Manole  Address: 358 Rt. 46. Great Meadows. NJ 07838.  Date: C3 / C1/4	Inventor(s): Leon Mancle; Mark Young
Docket No.: 2013-041  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 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 inventor.  Date:  Typed Name of Inventor  Date:  Typed Name of Inventor  Mark Young	Provisional Application Serial No. Filing date:  Patent Application Serial No. 14/367, 091 Filing Date: 511/14 Date Oath executed: 5/3/14, 5/1/3014 Ferrech vely
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 filling 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 falls to make such a determination, or falls 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: Leon Manole  Address: 358 Rt. 46, Great Meadows. NJ 07838	
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 filling 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: Leon Manole  Address: 358 Rt. 46. Great Meaclows. NJ 07838  Signature of Inventor: Mark Young	States acquired by virtue of the circumstances under which the above-entitled invention was made,
Typed Name of Inventor: Leon Manole  Address: 358 Rt. 46, Great Meadows, NJ 07838  Signature of Inventor Date: 05/01/14  Typed Name of Inventor: Mark Young	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
Address: 358 Rt. 46. Great Meadows. NJ 07838  Signature of Inventor Date: 05/01/14  Typed Name of Inventor: Mark Young	Signature of Inventor Date:
Signature of Inventor Date: 05/01/14  Typed Name of Inventor: Mark Young	Typed Name of Inventor: Leon Manole
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**RECORDED: 05/28/2014**