# 503223963 03/18/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3270580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
VICTOR STEPANOV	03/12/2015
ANTHONY DISTASIO	03/12/2015

## **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:	13751515

## **CORRESPONDENCE DATA**

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

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: U.S. ARMY RDECOM-ARDEC

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

ATTORNEY DOCKET NUMBER:	2009-028CIP
NAME OF SUBMITTER:	HENRY S. GOLDFINE
SIGNATURE:	/Henry S. Goldfine/
DATE SIGNED:	03/18/2015

**Total Attachments: 3** 

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PATENT 503223963 REEL: 035191 FRAME: 0703

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PATENT REEL: 035191 FRAME: 0704

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)	2. Name and address of receiving party(ies)		
Vistor Stangage Anthony DiStagio	Name: U.S. Government as Represented by the Secretary of the Army		
Victor Stepanov; Anthony DiStasio	Internal Address: U.S. Army RDECOM-ARDEC		
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of conveyance/Execution Date(s):	Street Address: RDAR-GCL/Bldg. 3		
Execution Date(s) 3/12/2015			
Assignment Merger	Disatings Arganal Dayor		
Security Agreement Change of Name	City: Picatinny Arsenal, Dover		
Joint Research Agreement	State: NJ		
Government Interest Assignment	Country: US Zip: 07806-5000		
Executive Order 9424, Confirmatory License	Country		
Other	Additional name(s) & address(es) attached? 🔲 Yes 🔳 No		
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).		
A. Patent Application No.(s)	B. Patent No.(s)		
13/751,515 Filing Date: 1/28/2013			
Additional numbers atta	ached? Yes No		
5. Name and address to whom correspondence	ached? Yes No  6. Total number of applications and patents		
5. Name and address to whom correspondence concerning document should be mailed:			
5. Name and address to whom correspondence	6. Total number of applications and patents		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko	6. Total number of applications and patents involved: 1		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  Internal Address: U.S. Army RDECOM-ARDEC	6. Total number of applications and patents involved:   7. Total fee (37 CFR 1.21(h) & 3.41) \$  Authorized to be charged to deposit account		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  Internal Address: U.S. Army RDECOM-ARDEC	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$  Authorized to be charged to deposit account Enclosed		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  Internal Address: U.S. Army RDECOM-ARDEC  Street Address: RDAR-GCL/Bldg. 3	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  Internal Address: U.S. Army RDECOM-ARDEC  Street Address: RDAR-GCL/Bldg. 3  City: Picatinny Arsenal, Dover  State: NJ Zip: 07806-5000	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  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	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  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  Docket Number: 2009-028CIP	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  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	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  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  Docket Number: 2009-028CIP  Email Address: lori.hanko.civ@mail.mil	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  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  Docket Number: 2009-028CIP  Email Address: lori.hanko.civ@mail.mil  9. Signature: /Henry S. Goldfine/  Signature  Henry S. Goldfine	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		
5. Name and address to whom correspondence concerning document should be mailed:  Name: Lori Hanko  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  Docket Number: 2009-028CIP  Email Address: lori.hanko.civ@mail.mil  9. Signature: /Henry S. Goldfine/  Signature	6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$		

PATENT REEL: 035191 FRAME: 0705

## ASSIGNMENT OF INVENTION

Patent Application Title: INSENSITIVE HIGH	ENERGY CRYSTALINE EXPLOSIVES
Inventor(s): Victor Stepanov, Anthony DiStasio	o, Hongwei Qiu, Woo Lee
Provisional Application Serial No.	Filing date:
Patent Application Serial No. 13/751,515 Filin	g Date <u>:1/28/2013</u> Date Oath executed: <u>10/16/13;10/16/13;10/15/13;10/25/13</u> respectively
Docket No.: 2009-028 CIP Paten	t Number:
States acquired by virtue of the circumereby:  1. Assign to the Government the entire right, title and interest through the entire right, title and interest of application of said application for patent, determines to application; provided that if the Government in the said eight mon shall remain in me (us), subject to a rany patent which may issue on the in sublicenses for use in behalf of the Government.  3. Agree to provide any further documents necessary to the proseculations of the form o	in consideration of the rights of the Government of the United instances under which the above-entitled invention was made, of the United States, as represented by the Secretary of the Army, aghout the United States, its Territories, Possessions and Puerto evention(s), provisional application(s), application(s) for patent, and on(s), and all Letters Patent issuing thereon, and any continuation, application(s) and any reissue or extension of said Letters Patent. The invention of Government, within eight months of the filling of the United States cause an application to be filed or files a Patent Cooperation Treaty of the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination, or fails to file a Patent Cooperation Treaty the such a determination of the invention in such foreign country to the government in the invention in such foreign country to prove the foreign policies of the overnment and/or furtherance of the foreign policies of the foreign policies of the determination within my (our) knowledge and to execute any further tion of patent applications on the invention(s), the prosecution and determination of title to patent applications and patents issuing thereon.
Typed Name of Inventor: Victor Step	
Address: 9 Seville Avenue, Highland Park,	New Jersey 08904
Signature of Inventor:	
Typed Name of Inventor: Anthony Di	Stasio
Address: 635 W 42rd Street Ant 51 New	York New York 10036

## ASSIGNMENT OF INVENTION

Patent Application Title: INSENSITIVE I	HIGH ENERGY CRYSTALINE EXF	PLOSIVES
Inventor(s): Victor Stepanov, Anthony R.	Di Stasio, Hongwei Qiu, Woo Lee	
Provisional Application Serial No	Filing date:	
Patent Application Serial No. <u>13/751,51</u>	<u>5</u> Filing Date: <u>1/28/2013</u> Date Oath	executed: 10/16/13; 10/16/13; 10/15/13; 10/25/13 respectively
Docket No.: 2009-028 CIP	Patent Number:	<u></u>
States acquired by virtue of the chereby:  1. Assign to the Government the entire right, title and interest Rico, in and to the above-identification of the continuation-in-part or division of the inthose foreign countries in whice application for patent, determine application; provided that if the Coparticular foreign country or fails application, within the said eight shall remain in me (us), subject to any patent which may issue on the sublicenses for use in behalf of the Government.  3. Agree to provide any foreign country to the prosettlement of interferences and resettlement of interferences and resettlement.	circumstances under which in the firm of the United States, as throughout the United State ed invention(s), provisional cation(s), and all Letters Pater for said application(s) and any Government upon its requests to cause an application to Government determines not to make such a determination months, all right, title and in to a nonexclusive, irrevocabeline Government and/or further information within my secution of patent application of the patent application of title to patent application of title application of title to patent application of title application of title application application of title application of title application of title application application application application application application application appli	e rights of the Government of the United the above-entitled invention was made, a represented by the Secretary of the Army, is, its Territories, Possessions and Puerto application(s), application(s) for patent, and ent issuing thereon, and any continuation, reissue or extension of said Letters Patent, it, all right, title and interest in the invention ight months of the filing of the United States be filed or files a Patent Cooperation Treaty to cause an application to be filed in any on, or fails to file a Patent Cooperation Treaty to cause an application in such foreign countred terest in the invention in such foreign countred terms in the invention in the in
Signature of Inventor:		Date:
Typed Name of Inventor: Victor	Stepanov	
Address: 9 Seville Avenue, Highland	Park, New Jersey 08904	<u></u>
Signature of Inventor:	boy Ditter	Date: <u>12-Mar-15</u>
Typed Name of Inventor: Antho	nv R. Di Stasio	

PATENT REEL: 035191 FRAME: 0707

**RECORDED: 03/18/2015** 

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