503243198 03/31/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3289816

SUBMISSION TYPE:	NEW ASSIGNMENT			
NATURE OF CONVEYAN	CE:	ASSIGNMENT		
CONVEYING PARTY DA	TA			
		Name	Executio	on Date
BRIAN HOFFMAN			03/18/201	5
ALEXANDER SMITH			03/17/201	5
HANSEN LUKMAN			03/17/201	5
RECEIVING PARTY DA	ГА			
Name:	U.S. GC ARMY	VERNMENT AS REPRESENT	FED BY THE SECRETARY OF	THE
Street Address:	RDAR-0	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:		4659849		
CORRESPONDENCE D				
Fax Number:		973)724-5552		
		the e-mail address first; if the	at is unsuccessful, it will be	sent
using a fax number, if p	rovided	; if that is unsuccessful, it wi		
Phone:	973-724-3449			
Email:	lori.hanko.civ@mail.mil			
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A dalawa a a Lina O.	l	J.S. ARMY RDECOM-ARDEC		
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		PICATINNY ARSENAL, NEW J	IERSEY 07806-5000	

ATTORNET DOCKET NUMBER:	2014-0276	
NAME OF SUBMITTER:	HENRY S. GOLDFINE	
SIGNATURE:	/Henry S. Goldfine/	
DATE SIGNED:	03/31/2015	
Total Attachments: 4		

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source=027crecord#page2.tif source=027crecord#page3.tif source=027crecord#page4.tif Form PTO-1595 (Rev. 06-12) OMB No. 0651-0027 (exp. 04/30/2015) U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies) Name: U.S. Government as Represented by the Secretary of the Army	
Brian Hoffman; Alexander Smith;	Internal Address: U.S. Army RDECOM-ARDEC	
Hansen Lukman		
Additional name(s) of conveying party(ies) attached? Yes Ko	Oter the later of RDAR-GCL/Ridg 3	
3. Nature of conveyance/Execution Date(s): Execution Date(s) 3/18/15;3/17/15;3/17/15 respectively	Street Address: RDAR-GCL/Bldg. 3	
Assignment Merger		
Security Agreement Change of Name	City: Picatinny Arsenal, Dover	
Joint Research Agreement	State: <u>NJ</u>	
Government Interest Assignment	Country: USZip: 07806-5000	
Executive Order 9424, Confirmatory License		
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)	
14/659,849 Filing Date: 3/17/2015 Additional numbers att	tached? Yes No	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved:	
Name: Lori Hanko		
Internal Address: U.S. Army RDECOM-ARDEC	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
	Authorized to be charged to deposit account	
Street Address: RDAR-GCL/Bldg. 3		
	None required (government interest not affecting title)	
City: Picatinny Arsenal, Dover	8. Payment Information	
State: NJ Zip: 07806-5000		
Phone Number: 973-724-3449	Deposit Account Number	
Docket Number: 2014-027C		
Email Address: lori.hanko.civ@mail.mil	Authorized User Name	
9. Signature: /Henry S. Goldfine/	3/31/2015	
Signature	Date	
Henry S. Goldfine		
Name of Person Signing Sneet, attachments, and documents.		
	Total number of pages including cover sheet, attachments, and documents: 4	

PATENT REEL: 035296 FRAME: 0398

ASSIGNMENT OF INVENTION

Patent Application Title: MOTOR CONTROL FOR EXTERNALLY-OPERATED WEAPON

Inventor(s): Brian Hoffman; Alexander Smith; Hansen Lukman

Provisional Application Serial No	Filing date	
Patent Application Serial No. 4,65	Filing date 3,847Filing Date 3/12/15_Date Oath executed: 3/18//S	3/17/15/3/17/15
Docket No.: 2014-027C	Patent Number:	respectively

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:

 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.

B_R_ Date:_3 Signature of Inventor

Typed Name of Inventor: Brian Hoffman

Address: 35 Glenn Court, Bangor, PA 18013

Signature of Inventor	_ Date:
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Typed Name of Inventor: Alexander Smith

Address: 339 Pleasant Grove Road, Long Valley, NJ 07853

Signature of Inventor Date:

Typed Name of Inventor: Hansen Lukman

Address: 225 West Lake Shore Drive. Rockaway, NJ 07866

ASSIGNMENT OF INVENTION

Patent Application Title: MOTOR CONTROL FOR EXTERNALLY-OPERATED WEAPON

Inventor(s): Brian Hoffman; Alexander Smith; Hansen Lukman

Provisional Application Serial No	Filing date	at her I /	-1 1
Patent Application Serial No. 465	<u></u>	3/18/15, 3/17/15,	3/17/15
Docket No.: 2014-027C	Patent Number		respectively

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.

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Signature of Inventor	Date:
Typed Name of Inventor: Brian Hoffman	
Address: _35 Glenn Court, Bangor, PA 18013	
Signature of Inventor Typed Name of Inventor: Alexander Smith Address: _339 Pleasant Grove Road, Long Valley, NJ 07853	Date: 17 Mar 2015
Signature of Inventor	Date:
Typed Name of Inventor: Hansen Lukman Address: <u>225 West Lake Shore Drive, Rockaway, NJ 07866</u>	

ASSIGNMENT OF INVENTION

Patent Application Title: MOTOR CONTROL FOR EXTERNALLY-OPERATED WEAPON

Inventor(s): Brian Hoffman; Alexander Smith; Hansen Lukman

Provisional Application Serial Np.	Filing date	
Patent Application Serial No. 4/65	Reversion of the secure of the	<u>3/(7/)</u>
Docket No.: 2014-027C	Patent Number:	respectively

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Signature of Inventor	Date:
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Typed Name of Inventor: Brian Hoffman

Address: 35 Glenn Court, Bangor, PA 18013

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3/17/2015

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RECORDED: 03/31/2015