505110557 09/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5157317

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM L. FOLTZ	09/25/2018
JAMES E. BURKE	09/25/2018

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:	16141117

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 4: PICATINNY ARSENAL, NEW JERSEY 07806-5000

ATTORNEY DOCKET NUMBER:	2016-003
NAME OF SUBMITTER:	MICHAEL C. SACHS
SIGNATURE:	/Michael C. Sachs/
DATE SIGNED:	09/25/2018

Total Attachments: 3

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PATENT REEL: 046963 FRAME: 0493

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PATENT REEL: 046963 FRAME: 0494

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-1. Government as Represented of	
Adam C. Foltz; James E. Burke	Internal Address: U.J. Amy RDECOM - ARDEC	
Additional name(s) of conveying party(les) attached? Yes Ziko		
3. Nature of conveyance/Fvorution Pate(s): Execution Date(s) ウムナ/シンケ	Street Address: RDA12 - GCL/BMC-3	
Assignment Merger	ony: Picotinny Agenal, Dover	
Security Agreement Change of Name	17T	
□ Joint Research Agreement	State: NJ	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: US Zip: 0306 5000	
Other	Additional name(s) & address(es) attached? Yes No	
	document serves as an Oath/Declaration (37 CFR 1.63).	
A. Patent Application No.(s)	B. Patent No.(s)	
16/141,10 Filea 9/05/2018		
Additional numbers att	ached? Yes ∑∕vio	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Lori Hanko	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
Internal Address: U-J- AMY RDECOM - AND	EC 1	
3.0	Authorized to be charged to deposit account	
Street Address: NDAN - GCL BIAT - 3	Enclosed	
D: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	→ Signature → Sig	
City: <u>Picatinny Argend</u> , Dover	8. Payment Information	
State: NJ Zip: 07806 5000		
Phone Number: 973-749-3749	Deposit Account Number	
Docket Number:	Authorized UserName	
Email Address: / Wr NCA LO _ C (V D Na) - V)/ Authorized User Name	
9. Signature: / Michael C. Sach	1 a/wh.a	
	<u> </u>	
Signature Millhaul C. Laz	Date Total number of pages including cover to a second cover to a	
Signature MICHAEL SAC Name of Person Signing	Date Total number of pages including cover sheet, attachments, and documents:	

PATENT REEL: 046963 FRAME: 0495

ASSIGNMENT OF INVENTION

Patent Application Title: DIRECTED ENERGY MODIFICATION TO M4A1 BLANK FIRING ADAPTOR (BFA)
Inventor(s): Adam L. Foltz; James E. Burke
Provisional Application Serial No Filing date:
Provisional Application Serial No. Filing date: Patent Application Serial No. 16/141/17 Filing Date 9/3/2018 Date Oath executed: 9/35/3018
Docket No.: 2016-003 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 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: 9-25-2018
Typed Name of Inventor: Adam L. Foltz
Address: 39 Flintlock Drive, Long Valley, NJ 07853
Signature of Inventor Date:
Typed Name of Inventor: James E. Burke
Address: 64 Red Oak Terrace Oak Ridge NJ 07438

PATENT REEL: 046963 FRAME: 0496

ASSIGNMENT OF INVENTION

Patent Application Title: DIRECTED ENERGY MODIFICATION TO M4AT BLANK FIRING ADAPTOR (BFA)
Inventor(s): Adam L. Foltz; James E. Burke
Provisional Application Serial No Filing date:
Patent Application Serial No. 16/14/117 Filling Date 9/15/20/Poate Oath executed: 9/15/20/P
Docket No.: 2016-003 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 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:
Typed Name of Inventor: Adam L. Foltz
Address: 39 Flintlock Drive, Long Valley, NJ 07853
Signature of Inventor Luck Date: 9/25/18 Typed Name of Inventor: James E. Burke Address: 64 Red Oak Terrace, Oak Ridge, NJ 07438

PATENT REEL: 046963 FRAME: 0497

RECORDED: 09/25/2018