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| PATENT ASSIGNMENT COVER SHEET |
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ANTHONY P. SHAW | 01/05/2018 |
| JAY C. PORET | 01/05/2018 |
| RECEIVING PARTY DATA | |
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| City: | PICATINNY ARSENAL, DOVER |
| State/Country: | NEW JERSEY |
| Postal Code: | 07806-5000 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15891557 |
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| ATTORNEY DOCKET NUMBER: | 2016-035 |
| NAME OF SUBMITTER: | LISA H. WANG |
| SIGNATURE: | /Lisa H. Wang/ |
| DATE SIGNED: | 02/08/2018 |
| Total Attachments: 2 | |
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| source=035recorrdal#page2.tif | |

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)

Anthony P. Shaw; Jay C. Poret

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

Internal Address: U.S. Army RDECOM-ARDEC *Army*

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): 1/5/2018

- 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 serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

15/891,557 Filed 2-8-18

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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Docket Number: 2016-035

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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
- None required (government interest not affecting title)

8. Payment Information

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9. Signature:

/Lisa H. Wang/
Signature

2-8-2018
Date

Lisa H. Wang
Name of Person Signing

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF INVENTION

Patent Application Title: **PYROTECHNIC DELAY ELEMENT DEVICE**

Inventor(s): Anthony P. Shaw, Jay C. Poret, Lori J. Groven, Joshua Koenig, and Jason S. Brusnahan.

Provisional Application Serial No. 62/463/974 Filing date 2/27/2017.

Patent Application Serial No. 15/891,557 Filing Date: 2/8/2018 Date Oath executed: 1-5-2018

Docket No.: 2016-035

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) including any applications claiming priority to such provisional application, non-provisional application(s) for patent, and Patent Cooperation Treaty application(s), and any continuation, continuation-in-part or division of said application(s) and all Letters Patent issuing thereon, 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.

Typed Legal Name and United States Address of Inventor (1) – (Citizenship-U.S.A.):

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Date signed + Signature: 05-Jan-2018 Jay C. Poret