

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3467528

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEVEN M. ROBBINS	07/20/2015
ROYCE C. DUKE	04/21/2015
REED J. BLAU	07/14/2015
JAMES R. HODGSON	07/21/2015
DIXON BROCKBANK	07/15/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ORBITAL ATK, INC.
<b>Street Address:</b>	45101 WARP DRIVE
<b>City:</b>	DULLES
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	20166
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	61982178
<b>Application Number:</b>	14692175
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)531-9168
<i>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.</i>	
<b>Phone:</b>	(801) 532-1922
<b>Email:</b>	pshgatrell@traskbritt.com
<b>Correspondent Name:</b>	PHOENIX GATRELL
<b>Address Line 1:</b>	P.O. BOX 2550
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84110
<b>ATTORNEY DOCKET NUMBER:</b>	2507-12228.1(22650-US-01)
<b>NAME OF SUBMITTER:</b>	JAMES C. WATSON
<b>SIGNATURE:</b>	/James C. Watson/
<b>DATE SIGNED:</b>	08/03/2015
<b>Total Attachments: 6</b>	

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**ASSIGNMENT**

**FOR GOOD AND VALUABLE CONSIDERATION**, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

**SELL, ASSIGN AND TRANSFER** to Orbital ATK, Inc. ("ASSIGNEE"), a corporation of the state of Delaware, having a place of business at 45101 Warp Drive, Dulles, VA 20166, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements that are disclosed in United States Provisional Application Serial No. 61/982,178 filed on April 21, 2014, and in Application for United States Letters Patent Serial No. 14/692,175 filed on April 21, 2015, claiming the benefit of the aforementioned provisional application, each application entitled **STUN GRENADES AND METHODS OF ASSEMBLING STUN GRENADES**, such applications and any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof that have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents that have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application made in the United States;

**AUTHORIZE** the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

**AUTHORIZE AND REQUEST** the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

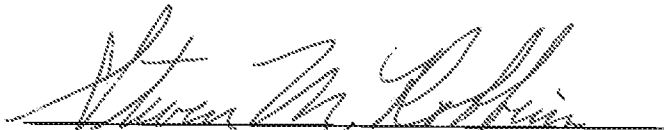
**WARRANT AND COVENANT** that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

**COVENANT**, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible that the ASSIGNEE shall

consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNOR:




Steven M. Robbins

Residing at: 4551 South 4500 West, West Haven, UT 84401

Date: July 20, 2015

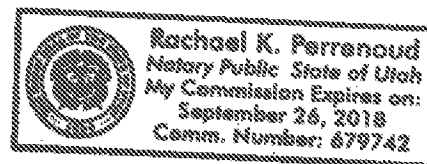
COUNTY OF Box Elder )  
: ss.  
STATE OF Utah )

On this 20<sup>th</sup> day of July, 2015, before me personally appeared STEVEN M. ROBBINS, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

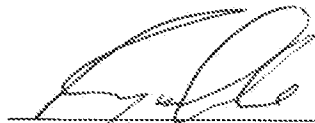
  
Notary Public in and for said County and State

My Commission Expires:

Sept. 26, 2018



ASSIGNOR:



Royce C. Duke

Residing at: 10912 North Wallace Lane, Thatcher, UT 84337

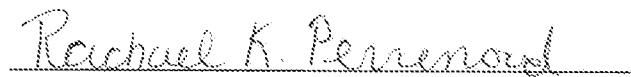
Date: 4-21-2015

COUNTY OF Box Elder )

: ss.

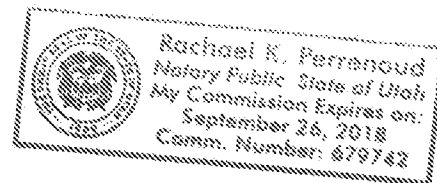
STATE OF Utah )

On this 21 day of April, 2015, before me personally appeared ROYCE C. DUKE, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

  
Notary Public in and for said County and State

My Commission Expires:

9-26-18



ASSIGNOR:

Reed J. Blau  
Residing at: PO Box 707 (UT 40), Brigham City, UT 84302

Date: 14 July 2015

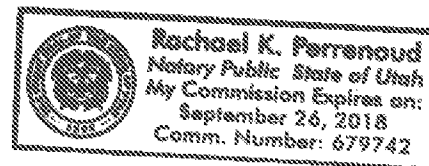
COUNTY OF Box Elder )  
STATE OF Utah ) : ss.

On this 14 day of July, 2015, before me personally appeared REED J. BLAU, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.


Rachael K. Perrenoud  
Notary Public in and for said County and State

My Commission Expires:

Sept. 26, 2018



ASSIGNOR:

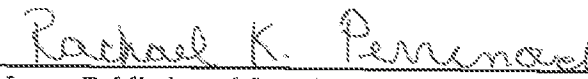
  
James R. Hodgson

Residing at: 256 West 100 South, Newton, UT 84314

Date: 7/21/15

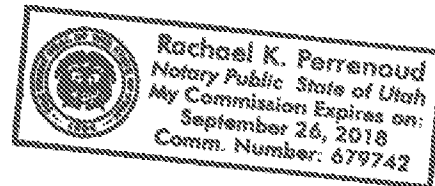
COUNTY OF Box Elder )  
STATE OF Utah ) ss.

On this 21<sup>st</sup> day of July, 2015, before me personally appeared JAMES R. HODGSON, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

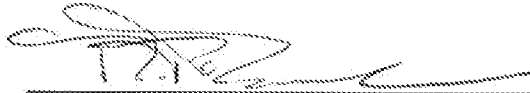
  
Notary Public in and for said County and State

My Commission Expires:

Sept. 26, 2018



ASSIGNOR:



Dixon Brockbank

Residing at: 875N 2325 S

PEPPY, VT 04802

Date: 15 JUL 2015

CURRENTLY DEPLOYED TO AL UDEID AIR FORCE BASE, QATAR

WITNESS FOR : Dixon Brockbank

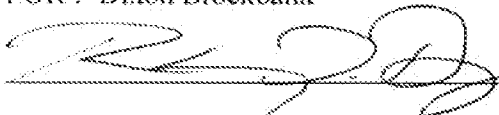
Signature: 

Date: 15 JUL 2015

Printed Name: STEPHEN A. TRIBBLE

Address: CURRENTLY DEPLOYED w/ DIXON BROCKBANK TO QATAR

WITNESS FOR : Dixon Brockbank

Signature: 

Date: 15 JULY 2015

Printed Name: ROBERT P. DYE

Address: CURRENTLY DEPLOYED w/ DIXON BROCKBANK TO QATAR