

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4030715

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENJAMIN W.C. GARCIA	08/25/2016
BRADEN DAY	08/25/2016
BRIAN CHRISTENSEN	08/25/2016
DAVID R. NELSON	08/25/2016
THOMAS LOVELESS	08/25/2016
ELIZABETH BONDERSON	08/25/2016
RECEIVING PARTY DATA	
Name:	ORBITAL ATK, INC.
Street Address:	4700 NATHAN LANE
Internal Address:	MN07-LW58
City:	PLYMOUTH
State/Country:	MINNESOTA
Postal Code:	55442
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15250536
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	801-532-1922
Email:	bknielsen@TraskBritt.com
Correspondent Name:	TRASKBRITT
Address Line 1:	P.O. BOX 2550
Address Line 4:	SALT LAKE CITY, UTAH 84110
ATTORNEY DOCKET NUMBER:	2507-P13281US
NAME OF SUBMITTER:	JESSE M. FLORES
SIGNATURE:	/Jesse M. Flores/
DATE SIGNED:	08/30/2016

Total Attachments: 7

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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 4700 Nathan Lane, MN07-LW58, Plymouth, MN 55442, 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 the Application for United States Letters Patent that has been executed by each undersigned ASSIGNOR concurrently herewith, and titled **HYBRID METAL COMPOSITE STRUCTURES, ROCKET MOTORS AND MULTI-STAGE ROCKET MOTOR ASSEMBLIES INCLUDING HYBRID METAL COMPOSITE STRUCTURES, AND RELATED METHODS**, such application 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:

Benjamin W.C. Garcia
Benjamin W.C. Garcia
Residing at: 9870 Point Lookout Drive, Tremonton, UT 84337

Date: 8/25/16

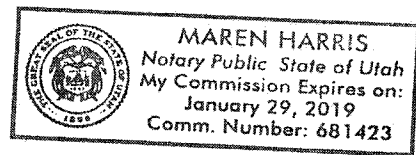
COUNTY OF Box Elder)
STATE OF Utah) : ss.

On this 25 day of August, 2016, before me personally appeared BENJAMIN W.C. GARCIA, 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.

Maren Harris
Notary Public in and for said County and State

My Commission Expires:

29, January 2019



ASSIGNOR:

Braden B
Braden Day
Residing at: 664 W. 3430 S., Nibley, UT 84321

Date: 25 Aug 2016

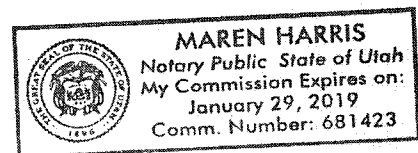
COUNTY OF Box Elder)
STATE OF Utah) : ss.

On this 25 day of August, 2016, before me personally appeared BRADEN DAY, 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.

Maren Harris
Notary Public in and for said County and State

My Commission Expires:

29, January 2019



ASSIGNOR:

Brian Christensen
Brian Christensen
Residing at: 165 W. 300 S., Willard, UT 84340

Date: 8-25-16

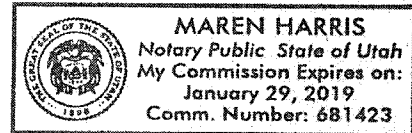
COUNTY OF Box Elder)
: ss.
STATE OF)

On this 25 day of August, 2016, before me personally appeared BRIAN CHRISTENSEN, 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.

Maren Harris
Notary Public in and for said County and State

My Commission Expires:

29, Jan 2019



ASSIGNOR:

David R Nelson

Date: 25 Aug 2016

David R. Nelson
Residing at: 372 N. 300 W., Logan, UT 84321

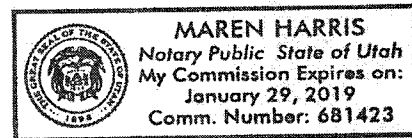
COUNTY OF Box Elder)
STATE OF Utah) : ss.

On this 25 day of August, 2016, before me personally appeared DAVID R. NELSON, 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.

Maren Harris
Notary Public in and for said County and State

My Commission Expires:

29, January 2019



ASSIGNOR:

Thomas Loveless
Thomas Loveless
Residing at: 365 E. 1530 N., Logan, UT 84341

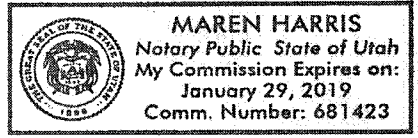
Date: 08/25/2016

COUNTY OF Bex Eldere)
STATE OF Utah) : ss.

On this 25 day of August, 2016, before me personally appeared THOMAS LOVELESS, 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.

Maren Harris
Notary Public in and for said County and State

My Commission Expires:
29 January 2019



ASSIGNOR:

Elizabeth Bonderson
Elizabeth Bonderson
Residing at: 495 W. 3500 N., Pleasant View, UT 84414

Date: *Aug 25, 2016*

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

On this *25* day of *August*, 2016, before me personally appeared ELIZABETH BONDERSON, 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.

Maren Harris
Notary Public in and for said County and State

My Commission Expires:

29, January 2019

