

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	LEONARD ATKINSON	10/09/2013
RECEIVING PARTY DATA		
Name:	ORBITAL SCIENCES CORPORATION	
Street Address:	45101 WARP DRIVE	
City:	DULLES	
State/Country:	VIRGINIA	
Postal Code:	20166	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15626852
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	5052.0015US3	
NAME OF SUBMITTER:	JULIE ERICKSON	
SIGNATURE:	/Julie Erickson/	
DATE SIGNED:	02/21/2018	
Total Attachments: 3		
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ASSIGNMENT

WHEREAS, I, Leonard Atkinson, have invented one or more inventions described in a United States provisional patent application, entitled PROTECTION OF COMMERCIAL COMMUNICATIONS, which:

[] is being executed on even date herewith; and is about to be filed in the United States Patent Office;

[X] was filed on **March 15, 2013** as Application No. 61/791,057

WHEREAS, Orbital Sciences Corporation, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Delaware, having principal offices at 45101 Warp Drive, Dulles, Virginia 20166 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention(s) as described in said application, together with my entire right, title and interest in and to said provisional patent application, including any patent application filed or to be filed in any country claiming the benefit thereof, and any continuations and divisions thereof, and any substitute applications therefor, and any Letters Patent which may issue thereon, and any reissues and revivals of the same, and including the right to claim priority under any applicable statute, treaty or convention based on said provisional patent application; said invention(s), application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which

may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional, continuation, or revival applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

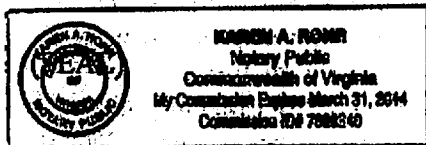
IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor's Signature: _____

Leonard Atkinson

State of VA
County of Loudoun

On this 9th day of October, 2013, before me, the undersigned notary public, personally appeared Leonard Atkinson, proved to me through satisfactory evidence of identification, which was employee ID, to be the person whose name is signed on the preceding or attached document in my presence.



Karen A. Romer #7329840
Notary Public

My commission expires 3/31/2014

ACKNOWLEDGEMENT OF ASSIGNEE:

I hereby acknowledge the foregoing executed Assignment on behalf of **Orbital Sciences Corporation.**

By: James S. Black, II
Name: JAMES S. BLACK, II
Title: ASSISTANT GENERAL COUNSEL

Date: 11/7/13