

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Execution Date
Bank of America, N.A., as Administrative Agent	08/16/2007

RECEIVING PARTY DATA

Name:	Orbital Sciences Corporation
Street Address:	21700 Atlantic Boulevard
City:	Dulles
State/Country:	VIRGINIA
Postal Code:	20166

PROPERTY NUMBERS Total: 27

Property Type	Number
Patent Number:	4685029
Patent Number:	4771998
Patent Number:	4776539
Patent Number:	4789118
Patent Number:	4799140
Patent Number:	4901949
Patent Number:	4939438
Patent Number:	5199672
Patent Number:	5223844
Patent Number:	5390606
Patent Number:	5522569
Patent Number:	5535502
Patent Number:	5546632
Patent Number:	5587719
Patent Number:	5668565

PATENT

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REEL: 020571 FRAME: 0443

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Patent Number:	5681011
Patent Number:	5715573
Patent Number:	5721558
Patent Number:	5806801
Patent Number:	5808565
Patent Number:	5834923
Patent Number:	5907582
Patent Number:	5917433
Patent Number:	5970085
Patent Number:	5977932
Patent Number:	6061387
Patent Number:	6064319

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	66878.62
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NAME OF SUBMITTER:	Valerie Brennan
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Total Attachments: 6

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**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

**RELEASE OF SECURITY INTEREST
PATENTS**

August 16, 2007

WHEREAS, Orbital Sciences Corporation, a Delaware corporation, with offices at 21700 Atlantic Boulevard, Dulles, Virginia 20166, on July 10, 2003 granted a security interest in its issued patents and patent applications, including those shown on the attached Schedule A (collectively the "Patents"), to Bank of America, N.A., which Notice of Grant of Security Interest was recorded with the United States Patent and Trademark Office at Reel/Fr. 013897/0499 on August 22, 2003.

WHEREAS, Bank of America, N.A. (as Administrative Agent), a national banking association, with offices at 231 S. LaSalle Street, Chicago, Illinois 60697 (the "Assignor") desires to release its rights as a mortgagee, pledgee, and secured party in connection with the Patents under the aforementioned security agreement, and Orbital Sciences Corporation (the "Assignee") desires to accept the release of the security interest and lien on the Patents.

NOW THEREFORE, for good and valuable consideration paid by Assignee, receipt of which is hereby acknowledged, Assignor hereby releases the mortgage, pledge, and security interest in and to the Patents, releases all other rights it may have under said security agreement with respect to the Patents, and cancels such agreement with respect to the Patents, effective as of the date written below.

* * * * *

IN WITNESS WHEREOF, the Assignor has caused this Release to be duly executed as of the date first written above.

BANK OF AMERICA N.A. (as Administrative Agent)

By: _____

Name: _____

Title: _____

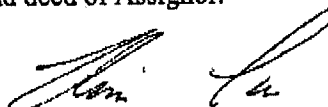
Anne M. Zeschke

Assistant Vice President

ACKNOWLEDGMENT

STATE OF ILLINOIS)
COUNTY OF COOK) SS

On this 10th day of April, 2007 before me personally appeared Anne M. Zeschke, to me personally known, who, being duly sworn, did say that he/she is the Assignor of Assignor and that he/she duly executed the foregoing instrument for and on behalf of Assignor being duly authorized to do so and that said individual acknowledged said instrument to be the free act and deed of Assignor.



Notary Public

My commission expires:



SCHEDULE A
U.S. PATENTS

Title	Patent No.	Issue Date
Reconfigurable Standard Switch Panel	4,685,029	August 4, 1987
Mobile Buildup Apparatus for Transporting, Supporting and Protecting Space Vehicle Payloads	4,771,998	September 20, 1988
Cradle Apparatus for Supporting Payloads in a Space Vehicle	4,776,539	October 11, 1988
PAD Apparatus for Supporting a Payload in a Cradle Apparatus of a Space Vehicle	4,789,118	December 6, 1988
Majority Vote Sequencer	4,799,140	January 17, 1989
Rocket-Powered, Air-Deployed, Lift-Assisted Booster Vehicle for Orbital, Supraorbital and Suborbital Flight	4,901,949	February 20, 1990
Relay Control System	4,939,438	July 3, 1990
Method and Apparatus for Deploying a Satellite Network	5,199,672	April 6, 1993
Vehicle Tracking and Security System	5,223,844	June 29, 1993
Frangible Joint Separation System	5,390,606	February 21, 1995
Satellite Having a Stackable Configuration	5,522,569	June 4, 1996

Title	Patent No.	Issue Date
Method for Making an Explosive Separation System	5,535,502	July 16, 1996
Shear Viscous Damped Hinge	5,546,632	August 20, 1996
Axially Arrayed Helical Antenna	5,587,719	December 24, 1996
Flexible Feed Line for an Antenna Systems	5,668,565	September 16, 1997
Method for Injecting Payloads into Orbit	5,681,011	October 28, 1997
Self-Latching Hinge	5,715,573	February 10, 1998
Deployable Helical Antenna	5,721,558	February 24, 1998
Method and System for Formation Keeping Between Orbiting Spacecraft by Varying their Ballistic Coefficients	5,806,801	September 15, 1998
GPS Triggered Automatic Annunciation for Vehicles	5,808,565	September 15, 1998
Battery Charge Control Method	5,834,923	November 10, 1998
System for Turbo-Coded Satellite Digital Audio Broadcasting	5,907,582	May 25, 1999
Asset Monitoring System and Associated Method	5,917,433	June 29, 1999
Method and Receiver for Coded Satellite Digital Audio Broadcasting	5,970,085	October 19, 1999
Self-Deploying Helical	5,977,932	November 2, 1999

Title	Patent No.	Issue Date
Structure Method and System for Turbo-Coded Satellite Digital Audio Broadcasting	6,061,387	May 9, 2000
Differential GPS Base Traffic Signal Preemption	6,064,319	May 16, 2000