

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7166576

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PATENT NUMBER 6687713 previously recorded on Reel 058824 Frame 0589. Assignor(s) hereby confirms the ASSIGNMENT FOR CORRECT PATENT NUMBER 6667713.	
CONVEYING PARTY DATA		
Name		Execution Date
ORBITAL SCIENCES CORPORATION		07/31/2020
RECEIVING PARTY DATA		
Name:	ORBITAL SCIENCES LLC	
Street Address:	45101 WARP DRIVE	
City:	DULLES	
State/Country:	VIRGINIA	
Postal Code:	20166	
PROPERTY NUMBERS Total: 22		
Property Type	Number	
Patent Number:	6667713	
Patent Number:	6597258	
Patent Number:	6707350	
Patent Number:	6771222	
Patent Number:	7369624	
Patent Number:	8355359	
Patent Number:	8573124	
Patent Number:	8479557	
Patent Number:	8483888	
Patent Number:	9214736	
Patent Number:	9231691	
Patent Number:	9203156	
Patent Number:	9297627	
Patent Number:	9686008	
Patent Number:	9650995	
Patent Number:	9853356	
Patent Number:	9673522	
Patent Number:	9960301	

Property Type	Number
Patent Number:	10020576
Patent Number:	10419105
Patent Number:	10770788
Patent Number:	10553942

CORRESPONDENCE DATA

Fax Number: (612)315-4321

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.

Phone: 612-315-4100

Email: skloss@cfid-ip.com

Correspondent Name: CHRISTENSEN, FONDER, DARDI & HERBERT LLC

Address Line 1: 11322 86TH AVENUE NORTH

Address Line 4: MAPLE GROVE, MINNESOTA 55369

ATTORNEY DOCKET NUMBER:	5053.00000001
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NAME OF SUBMITTER:	SHARI KLOSS
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SIGNATURE:	/Shari Kloss/
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DATE SIGNED:	02/09/2022
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Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		CORPORATE ENTITY CONVERSION	
CONVEYING PARTY DATA			
Name		Execution Date	
ORBITAL SCIENCES CORPORATION		07/31/2020	
RECEIVING PARTY DATA			
Name:	ORBITAL SCIENCES LLC		
Street Address:	45101 WARP DRIVE		
City:	DULLES		
State/Country:	VIRGINIA		
Postal Code:	20166		
PROPERTY NUMBERS Total: 22			
Property Type	Number		
Patent Number:	8483888		
Patent Number:	9214736		
Patent Number:	9853356		
Patent Number:	10770788		
Patent Number:	8573124		
Patent Number:	9297627		
Patent Number:	8355359		
Patent Number:	9231691		
Patent Number:	9686008		
Patent Number:	10419105		
Patent Number:	9650995		
Patent Number:	7369624		
Patent Number:	9203156		
Patent Number:	9673522		
Patent Number:	10020576		
Patent Number:	10553942		

Patent Number:	9960301
Patent Number:	6597258
Patent Number:	6707350
Patent Number:	6771222
Patent Number:	6687713
Patent Number:	8479557

CORRESPONDENCE DATA

Fax Number: (612)315-4321
Phone: 612-315-4100
Email: skloss@cfid-ip.com
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Correspondent Name: CHRISTENSEN, FONDER, DARDI & HERBERT PLLC
Address Line 1: 11322 86TH AVENUE NORTH
Address Line 4: MAPLE GROVE, MINNESOTA 55369

ATTORNEY DOCKET NUMBER:	5053.00000001
NAME OF SUBMITTER:	SHARI KLOSS
Signature:	/Shari Kloss/
Date:	12/20/2021

Total Attachments: 3
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RECEIPT INFORMATION

EPAS ID: PAT7083864
Receipt Date: 12/20/2021

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND
CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE
CORPORATION UNDER THE NAME OF "ORBITAL SCIENCES CORPORATION" TO A
DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM
"ORBITAL SCIENCES CORPORATION" TO "ORBITAL SCIENCES LLC", FILED IN
THIS OFFICE ON THE THIRTY-FIRST DAY OF JULY, A.D. 2020, AT 10:56
O`CLOCK A.M.



2130792 8100V
SR# 20206513076

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JBULLOCK", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 203384778
Date: 07-31-20

PATENT
REEL: 058979 FRAME: 0961

CERTIFICATE OF CONVERSION
CONVERTING
ORBITAL SCIENCES CORPORATION
(A Delaware Corporation)
TO
ORBITAL SCIENCES LLC
(A Delaware Limited Liability Company)

Orbital Sciences Corporation the Delaware corporation that is converting to a Delaware limited liability company (the "Converting Corporation"), hereby certifies that:

1. Name and Type of Converting Corporation. The name of the Converting Corporation immediately prior to the filing of this Certificate of Conversion was "Orbital Sciences Corporation." The Converting Corporation was a Delaware corporation immediately prior to the filing of this Certificate of Conversion.
2. Date and Jurisdiction of Organization of Converting Corporation. The date on which, and the jurisdiction where, the Converting Corporation was formed, which jurisdiction has not changed, are as follows:

<u>Date</u>	<u>Jurisdiction</u>
June 30, 1987	Delaware

3. Name of Converted Limited Liability Company. The name of the Delaware limited liability company to which the Converting Corporation is being converted (the "Company") and the name set forth in the Certificate of Formation of the Company filed in accordance with Section 18-214(b) of the Delaware Limited Liability Company Act is "Orbital Sciences LLC."
4. Effective Time. This Certificate and the conversion shall be effective upon its filing in the Office of the Secretary of State of the State of Delaware.

[Signature Page Follows]

In witness whereof, the undersigned has duly executed this Certificate of Conversion as of the date set forth below.

ORBITAL SCIENCES CORPORATION

By: 
Name: Richard N. Osborne
Title: Secretary

DATED: July 31, 2020

[Signature Page to Certificate of Conversion]