

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT8028921

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ASTRA SPACE OPERATIONS, INC.	06/23/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASTRA SPACE OPERATIONS, LLC
<b>Street Address:</b>	1900 SKYHAWK STREET
<b>City:</b>	ALAMEDA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94501
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8956123
<b>Patent Number:</b>	10006291
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(212)972-5487
<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>	6122609011
<b>Email:</b>	jallen@cozen.com
<b>Correspondent Name:</b>	VADIM BRAGINSKY
<b>Address Line 1:</b>	33 SOUTH 6TH STREET
<b>Address Line 2:</b>	SUITE 3800
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>NAME OF SUBMITTER:</b>	JENNIFER ALLEN
<b>SIGNATURE:</b>	/Jennifer Allen/
<b>DATE SIGNED:</b>	06/27/2023
<b>Total Attachments: 4</b>	
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# 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 "ASTRA SPACE OPERATIONS, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "ASTRA SPACE OPERATIONS, INC." TO "ASTRA SPACE OPERATIONS, LLC", FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF JUNE, A.D. 2023, AT 8:18 O`CLOCK A.M.



  
Jeffrey W. Bullock, Secretary of State

6165839 8100V  
SR# 20232834372

Authentication: 203607769  
Date: 06-23-23

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

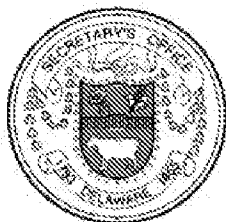
PATENT  
REEL: 064144 FRAME: 0799

# 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 FORMATION OF "ASTRA SPACE OPERATIONS, LLC" FILED IN THIS OFFICE ON THE TWENTY-THIRD DAY OF JUNE, A.D. 2023, AT 8:18 O`CLOCK A.M.**



  
Jeffrey W. Bullock, Secretary of State

6165839 8100V  
SR# 20232834372

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 203607769  
Date: 06-23-23

**PATENT**  
**REEL: 064144 FRAME: 0800**

STATE OF DELAWARE  
CERTIFICATE OF CONVERSION  
FROM A CORPORATION TO A  
LIMITED LIABILITY COMPANY PURSUANT TO  
SECTION 18-214 OF THE LIMITED LIABILITY ACT

- 1.) The jurisdiction where the Corporation first formed is Delaware.
- 2.) The jurisdiction immediately prior to filing this Certificate is Delaware.
- 3.) The date the corporation first formed is 09/27/2016.
- 4.) The name of the Corporation immediately prior to filing this Certificate is Astra Space Operations, Inc.
- 5.) The name of the Limited Liability Company as set forth in the Certificate of Formation is Astra Space Operations, LLC.

IN WITNESS WHEREOF, the undersigned have executed this Certificate on the  
23rd day of June, A.D. 2023.

DocuSigned by:  
Matthew Sant  
6036F22D463748E  
By: \_\_\_\_\_  
Authorized Person

Name: Matthew Sant  
Print or Type

**CERTIFICATE OF FORMATION  
OF  
ASTRA SPACE OPERATIONS, LLC**

This Certificate of Formation (this "Certificate") of Astra Space Operations, LLC (the "Company"), is being executed by the undersigned for the purpose of forming a limited liability company pursuant to the Delaware Limited Liability Company Act (the "DLLCA").

**ARTICLE I  
NAME**

The name of the Company is Astra Space Operations, LLC.

**ARTICLE II  
REGISTERED OFFICE AND AGENT**

The address of the registered office of the Company in Delaware is Incorporating Services, Ltd., 3500 S Dupont Hwy, Dover, Delaware 19901, in the County of Kent. The name of its registered agent at such address is Incorporating Services, Ltd.

IN WITNESS WHEREOF, the undersigned, as the authorized sole organizer of the Company, has caused this Certificate of Formation to be duly executed this 23<sup>rd</sup> day of June, 2023.

DocuSigned by:  
*Matthew Sant*  
D390F22D43374BE  
Matthew Sant, Authorized Person