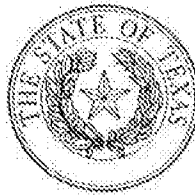


PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5326073

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	CHANGE OF NAME	
CONVEYING PARTY DATA		
	Name	Execution Date
	EHOSTAR TECHNOLOGIES L.L.C.	02/07/2018
RECEIVING PARTY DATA		
Name:	DISH TECHNOLOGIES L.L.C.	
Street Address:	9601 S. MERIDIAN BLVD.	
City:	ENGLEWOOD	
State/Country:	COLORADO	
Postal Code:	80112	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	16194997
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	patentdocketing@lowegrahamjones.com	
Correspondent Name:	RAYMOND ARMENTROUT/LOWE GRAHAM JONES PLLC	
Address Line 1:	701 FIFTH AVENUE	
Address Line 2:	SUITE 4800	
Address Line 4:	SEATTLE, WASHINGTON 98104	
ATTORNEY DOCKET NUMBER:	P2015-02-13.1/DISH-1-1285	
NAME OF SUBMITTER:	TIFFANY D. KELLY	
SIGNATURE:	/Tiffany D. Kelly/	
DATE SIGNED:	01/15/2019	
Total Attachments: 4		
source=DISH-1-1285Assignment ET LLC to DT LLC#page1.tif		
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source=DISH-1-1285Assignment ET LLC to DT LLC#page3.tif		
source=DISH-1-1285Assignment ET LLC to DT LLC#page4.tif		



Office of the Secretary of State

CERTIFICATE OF CONVERSION

The undersigned, as Secretary of State of Texas, hereby certifies that a filing instrument for

EchoStar Technologies L.L.C.
File Number: 800917951

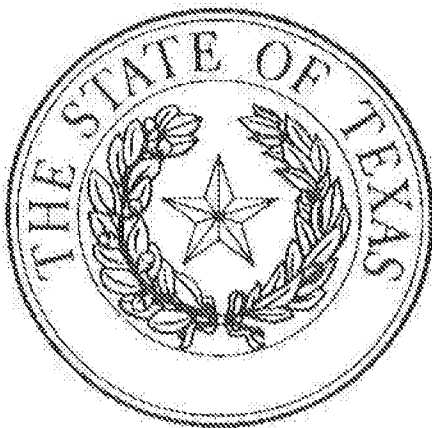
Converting it to

DISH Technologies L.L.C.
File Number: [Entity not of Record, Filing Number Not Available]

has been received in this office and has been found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the secretary by law, hereby issues this certificate evidencing the acceptance and filing of the conversion on the date shown below.

Dated: 02/07/2018

Effective: 02/07/2018



A handwritten signature in black ink, appearing to read "R. Pablos".

Rolando B. Pablos
Secretary of State

FEB 07 2018

CERTIFICATE OF CONVERSION
OF
ECHOSTAR TECHNOLOGIES L.L.C.

Corporations Section

FEBRUARY 1, 2018

This Certificate of Conversion (this "Certificate") is being executed and filed by the undersigned authorized person of EchoStar Technologies L.L.C., a Texas limited liability company, for the purpose of effecting the conversion of EchoStar Technologies L.L.C., a Texas limited liability company, into a Colorado limited liability company pursuant to Section 10.101 of the Texas Business Organizations Code and Section 7-90-201 of the Colorado Revised Statutes.

1. The name of the converting limited liability company is EchoStar Technologies L.L.C.
2. The jurisdiction of the limited liability company is Texas.
3. The date of formation of the limited liability company is December 31, 2007.
4. The file number issued to the limited liability company is 0800917951.
5. The limited liability company is converting to a foreign limited liability company. The name of the converted limited liability company is DISH Technologies L.L.C.
6. The foreign limited liability company will be formed under the laws of Colorado.
7. In lieu of providing the plan of conversion, the converting company certifies that:
 - a. A signed plan of conversion is on file at the principal place of business of the limited liability company, the converting entity. The address of the principal place of business of the converting limited liability company is 9601 S. Meridian Blvd., Englewood, CO 80112. The signed plan of conversion will be on file after the conversion at the principal place of business of the converted entity. The converted entity's principal place of business is 9601 S. Meridian Blvd., Englewood, CO 80112.
 - b. A copy of the plan of conversion will be furnished on written request without cost by the converting entity before the conversion or by the converted entity after the conversion to any owner or member of the converting or converted entity.
8. The plan of conversion has been approved by the laws of the jurisdiction of formation and the governing documents of the converting entity.
9. This Certificate becomes effective when it is accepted and filed by the Secretary of State of Texas.

10. In lieu of providing a tax certificate, the limited liability company as the converted entity is liable for the payment of any franchise taxes.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned signs this document, as of the date first set forth above, subject to the penalties imposed by law for the submission of a materially false or fraudulent instrument. The undersigned certifies that the statements contained herein are true and correct, and that the person signing is authorized under provisions of the Texas Business Organizations Code to execute the filing instrument.

EchoStar Technologies L.L.C., a Texas limited liability company

By: 

Name: Brandon Elchart

Title: Vice President, Associate General Counsel
and Secretary

[Signature Page to Certificate of Conversion]