

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
EchoStar Technologies Corporation	12/31/2007

RECEIVING PARTY DATA

Name:	ECHOSTAR TECHNOLOGIES L.L.C.
Street Address:	90 Inverness Circle East
City:	Englewood
State/Country:	COLORADO
Postal Code:	80112

PROPERTY NUMBERS Total: 35

Property Type	Number
Application Number:	10940077
Application Number:	10939065
Application Number:	10940078
Application Number:	10940107
Application Number:	11693024
Application Number:	11256472
Application Number:	11673383
Application Number:	11693065
Application Number:	11957672
Application Number:	11618017
Application Number:	11618540
Application Number:	11966600
Application Number:	12263163
Application Number:	11958337
Application Number:	11960508

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PATENT
REEL: 023156 FRAME: 0876

Application Number:	11966209
Application Number:	11946743
Application Number:	11948180
Application Number:	11951016
Application Number:	11958312
Application Number:	11961875
Application Number:	11966485
Application Number:	11933265
Application Number:	11962989
Application Number:	11965842
Application Number:	11965281
Application Number:	11950803
Application Number:	11960569
Application Number:	11936537
Application Number:	11942111
Application Number:	11942896
Application Number:	11942901
Application Number:	11967344
Application Number:	11964927
Application Number:	11966738

CORRESPONDENCE DATA

Fax Number: (303)723-2588

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 303.723.1616

Email: ipdept@dishnetwork.com

Correspondent Name: Max Gratton

Address Line 1: Dish Network LLC, 9601 S. Meridian Blvd.

Address Line 2: Legal Department

Address Line 4: Englewood, COLORADO 80112

NAME OF SUBMITTER:

Aaron Dobberstein

Total Attachments: 7

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REEL: 023156 FRAME: 0877



Office of the Secretary of State

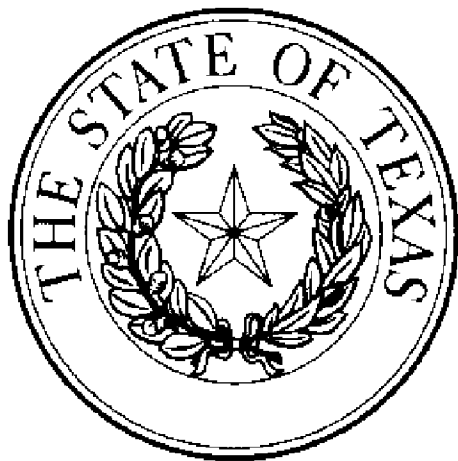
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

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

Certificate of Conversion

December 31, 2007

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 03, 2008.



A handwritten signature in black ink, appearing to read "Hope Andrade".

Hope Andrade
Secretary of State

Form 632
(Revised 01/06)

Return in duplicate to:
Secretary of State
P.O. Box 13697
Austin, TX 78711-3697
512 463-5555
FAX: 512 463-5709

Filing Fee: See instructions



Certificate of Conversion
of a
Corporation Converting
to a
Limited Liability Company

This space reserved for office use.

Int. Sec. of State
Secretary of State of Texas
DEC 31 2007
Corporations Section

Converting Entity Information

The name of the converting corporation is:

EchoStar Technologies Corporation

The jurisdiction of formation of the corporation is: Texas

The date of formation of the corporation is: May 27, 1982 (originally known as Houston Satellite Systems, Inc.)

The file number, if any, issued to the corporation by the secretary of state, is: 00609425-00

Plan of Conversion—Alternative Statements

The corporation named above is converting to a limited liability company. The name of the limited liability company is:

EchoStar Technologies L.L.C.

The limited liability company will be formed under the laws of: Texas

☐ The plan of conversion is attached.

If the plan of conversion is not attached, the following statements must be completed.

☒ Instead of attaching the plan of conversion, the corporation certifies to the following statements:

A signed plan of conversion is on file at the principal place of business of the corporation, the converting entity. The address of the principal place of business of the corporation is:

90 Inverness Circle East	Englewood	CO	USA	80112
<i>Street or Mailing Address</i>	<i>City</i>	<i>State</i>	<i>Country</i>	<i>Zip Code</i>

A signed plan of conversion will be on file after the conversion at the principal place of business of the limited liability company, the converted entity. The address of the principal place of business of the limited liability company is:

90 Inverness Circle East	Englewood	CO	USA	80112
<i>Street or Mailing Address</i>	<i>City</i>	<i>State</i>	<i>Country</i>	<i>Zip Code</i>

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.

Certificate of Formation for the Converted Entity

☒ The converted entity is a Texas limited liability company. The certificate of formation of the Texas limited liability company is attached to this certificate either as an attachment or exhibit to the plan of conversion, or as an attachment or exhibit to this certificate of conversion if the plan has not been attached to the certificate of conversion.

Approval of the Plan of Conversion

The plan of conversion has been approved as required by the laws of the jurisdiction of formation and the governing documents of the converting entity.

Effectiveness of Filing (Select either A, B, or C)

A. ☐ This document becomes effective when the document is accepted and filed by the secretary of state.

B. ☐ This document becomes effective at a later date, which is not more than ninety (90) days from the date of signing. The delayed effective date is: _____

C. ☒ This document takes effect upon the occurrence of the future event or fact, other than the passage of time. The 90th day after the date of signing is: March 26, 2008

The following event or fact will cause the document to take effect in the manner described below:

Upon EchoStar DBS Corporation completing the distribution of its EchoStar Technologies Corporation stock to

EchoStar Orbital Corporation.

Tax Certificate

☐ Attached hereto is a certificate from the comptroller of public accounts that all taxes under title 2, Tax Code, have been paid by the corporation.

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

Execution

The undersigned signs this document subject to the penalties imposed by law for the submission of a materially false or fraudulent instrument.

Date: December 27, 2007



R. Stanton Dodge, Exec Vice President, General Counsel & Sec

Signature and title of authorized person on behalf of the
converting entity

Form 205
(Revised 01/06)

Return in duplicate to:
Secretary of State
P.O. Box 13697
Austin, TX 78711-3697
512 463-5555
FAX: 512 463-5709
Filing Fee: \$300



**Certificate of Formation
Limited Liability Company**

This space reserved for office use.

FILED
In the Office of the
Secretary of State of Texas
DEC 31 2007
Corporations Section

Article 1 - Entity Name and Type

The filing entity being formed is a limited liability company. The name of the entity is:

EchoStar Technologies L.L.C.

The name must contain the words "limited liability company," "limited company," or an abbreviation of one of these phrases.

Article 2 - Registered Agent and Registered Office

(Select and complete either A or B and complete C)

☒ A. The initial registered agent is an organization (cannot be entity named above) by the name of:

Corporation Service Company d/b/a CSC-Lawyers Incorporating Service Company

OR

☐ B. The initial registered agent is an individual resident of the state whose name is set forth below:

First Name	M.I.	Last Name	Suffix
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C. The business address of the registered agent and the registered office address is:

701 Brazos Street, Suite 1050	Austin	TX	78701
Street Address	City	State	Zip Code

Article 3 - Governing Authority

(Select and complete either A or B and provide the name and address of each governing person.)

☐ A. The limited liability company will have managers. The name and address of each initial manager are set forth below.

☒ B. The limited liability company will not have managers. The company will be governed by its members, and the name and address of each initial member are set forth below.

NAME OF GOVERNING PERSON (Enter the name of either an individual or an organization, but not both.)

IF INDIVIDUAL

First Name	M.I.	Last Name	Suffix
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OR

IF ORGANIZATION

EchoStar DBS Corporation

Organization Name

ADDRESS OF GOVERNING PERSON

9601 South Meridian Boulevard	Englewood	CO	USA	80112
Street or Mailing Address	City	State	Country	Zip Code

NAME OF GOVERNING PERSON (Enter the name of either an individual or an organization, but not both.)				
IF INDIVIDUAL				
<i>First Name</i>	<i>M.I.</i>	<i>Last Name</i>	<i>Suffix</i>	
OR				
IF ORGANIZATION				
<i>Organization Name</i>				
ADDRESS OF GOVERNING PERSON				
<i>Street or Mailing Address</i>	<i>City</i>	<i>State</i>	<i>Country</i>	<i>Zip Code</i>

NAME OF GOVERNING PERSON (Enter the name of either an individual or an organization, but not both.)				
IF INDIVIDUAL				
<i>First Name</i>	<i>M.I.</i>	<i>Last Name</i>	<i>Suffix</i>	
OR				
IF ORGANIZATION				
<i>Organization Name</i>				
ADDRESS OF GOVERNING PERSON				
<i>Street or Mailing Address</i>	<i>City</i>	<i>State</i>	<i>Country</i>	<i>Zip Code</i>

Article 4 – Purpose

The purpose for which the company is formed is for the transaction of any and all lawful purposes for which a limited liability company may be organized under the Texas Business Organizations Code.

Supplemental Provisions/Information

Text Area: [The attached addendum, if any, is incorporated herein by reference.]

This limited liability company is being formed pursuant to a Plan of Conversion. Prior to this conversion this entity was a for profit corporation, by the name of EchoStar Technologies Corporation organized in Texas on May 27, 1982 and located at 90 Inverness Circle East, Englewood Co USA 80112.

See Exhibit A for indemnification language.

EXHIBIT A

The Company shall indemnify, to the fullest extent permitted by applicable law in effect from time to time, any person, and the estate and personal representative of any such person, against all liability and expense (including attorneys' fees) incurred by reason of the fact that such person is or was a manager, officer, employee or fiduciary of the Company or, while serving as manager, officer, employee, or fiduciary of the Company, such person is or was serving at the request of the Company as a manager, director, officer, partner, trustee, employee, fiduciary or agent of, or in any similar managerial or fiduciary position of, another domestic or foreign entity or other individual or entity or of an employee benefit plan. The Company shall also indemnify any person, and the estate and personal representative of any such person, who is serving or has served the Company as manager, officer, employee, fiduciary, or agent, to the extent and in the manner provided in any article of organization, resolution of any of the Company's members, contract, or otherwise, so long as such provision is legally permissible.

Organizer

The name and address of the organizer:

R. Stanton Dodge

Name

9601 South Meridian Boulevard

Street or Mailing Address

Englewood

City

CO 80112

State Zip Code

Effectiveness of Filing (Select either A, B, or C)

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- B. ☐ This document becomes effective at a later date, which is not more than ninety (90) days from the date of signing. The delayed effective date is: _____
- C. ☒ This document takes effect upon the occurrence of the future event or fact, other than the passage of time. The 90th day after the date of signing is: March 26, 2008

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Orbital Corporation.

Execution

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Date: December 27, 2007



Signature of organizer