PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2848779

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID EUGENE ERDOS	05/08/2014
DAVID MICHAEL LETTKEMAN	05/08/2014

RECEIVING PARTY DATA

Name:	DISH NETWORK L.L.C.
Street Address:	9601 SOUTH MERIDIAN BOULEVARD
City:	ENGLEWOOD
State/Country:	COLORADO
Postal Code:	80112

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14273322

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Email: docketing-dv@dorsey.com

Correspondent Name: JING HE/DORSEY & WHITNEY LLP
Address Line 1: 1400 WEWATTA STREET, SUITE 400

Address Line 4: DENVER, COLORADO 80202

ATTORNEY DOCKET NUMBER:	P241302.US.01
NAME OF SUBMITTER:	JING HE
SIGNATURE:	/Jing He/
DATE SIGNED:	05/09/2014

Total Attachments: 4

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PATENT 502802182 REEL: 032857 FRAME: 0580

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Assignor:

David Eugene Erdos 11207 Haxtun Court Parker, Colorado 80134 United States David Michael Lettkeman 16697 Blue Mist Circle Parker, Colorado 80134 United states

Assignee:

DISH Network L.L.C. 9601 South Meridian Boulevard Englewood, Colorado 80112 United States

State of Incorporation: Colorado

PATENT APPLICATION SUBJECT TO THE ASSIGNMENT:

Serial Number	Not Yet Assigned
Filing Date	Herewith
Attorney Docket No	P241302.US.01
Title:	Lattice Mounting Device

WHEREAS, the Assignor(s) identified above (hereinafter, individually and collectively the "Assignor"), have invented certain new and useful processes, methods, machines, devices, systems, manufactures, and/or compositions of matter, or new and useful improvements thereof (the "Invention"), disclosed and described in an application for Letters Patent in the United States ("U.S.") filed on the filing date indicated above in the United States Patent and Trademark Office ("USPTO") and identified by the title, application number, and/or attorney docket number indicated above (the "Patent Application"); and

WHEREAS, Assignee, a corporation organized and existing under the laws of the State indicated above, and having its principal place of business at the address indicated above, desires to acquire the entire right, title, and interest of Assignor in and to the Invention, the Patent Application and in, to, and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, and transferred and does hereby sell, assign, and transfer to the Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in and to the Invention, the Patent Application, and all divisional, continuation, continuation-in-part, and continuing prosecution applications that claim priority thereto, and any reexamination and reissue applications thereof; all international, regional, and foreign applications that claim priority to, are counterparts of, or otherwise correspond thereto; the Letters Patent, both in the United States and in countries or regions foreign thereto, that may or shall issue or have issued therefrom; any extensions, substitutes, or renewals thereof; the right to claim priority to the filing date of the Patent Application; any right, title, or interest in

Assignors' laitials

and to the Invention under any international conventions; and and any and all rights to collect damages for past, present, and future infringement of any U.S. or foreign rights, including provisional rights, which may be, shall be, or have been granted pursuant to the Patent Application (collectively "the Patent Rights"); and

In the event that the Patent Application claims priority to a provisional application previously filed and the provisional application was previously subject to an assignment from the Assignor, or one or more thereof, to the Assignee, this Assignment shall be considered a confirmatory assignment thereof; and

Assignor further authorizes said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and otherwise take advantage of the provisions of any international conventions; and

Assignor hereby authorizes and requests transfer of the Patent Application and any further applications, which may be or shall have been filed under the Patent Rights, to the Assignee in accordance herewith and further authorizes and requests any official of any State whose duty consists of issuing patents or other evidence or forms of any industrial property protection issuing from the Patent Application and all related applications, to issue same to the Assignee, its successors, and assigns in accordance herewith; and

Assignor hereby authorizes Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the application number and filing date of the Patent Application once known.

Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party, and Assignor hereby covenants and agrees with the Assignee, its successors and assigns, that Assignor will not execute in writing or do any act whatsoever conflicting with these representations; and

Assignor, on behalf of any individuals associated with the filing or prosecution of the Patent Application in Assignor's employ or under its control, agrees to disclose to the Assignee any information, including, but not limited to, prior art references, that Assignor is presently aware of or becomes aware of in the future that would materially affect the patentability of the Invention or the Patent Application or the present or future validity of the Patent Rights; and

Assignor, Assignor's successors, legal representatives, or administrators will at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors, and assigns, execute such additional writings and do such additional acts as said Assignee, its successors, and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for, obtaining, and enforcing any of the Patent Rights, including giving testimony in any proceedings or transactions involving such Patent Rights; and

This document may be executed in two or more counterparts and by facsimile, all of which shall be deemed an original, and all of which together shall constitute one and the same instrument; and

Assignors' Initials

Assignor further covenants and agrees that this Assignment is effective as of patent application filing date.

IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

STATE OF COLORADO

CITY OF) ss.	
COUNTY OF)	- 11-1
	(1)////////////////////////////////////
	By: Class Classer
TRACY EXPLOY AND 8	David Eugene Erdos
NOTARY PUBLIC	
STATE OF COLORADO	Dated: 5-8-2014
MY COMMISSION EXPIRES 9.30-14	110 at and Otata assessed David
Before me, a Notary Public in and for sa Eugene Erdos, who executed the foregoing ins	aid County and State, personally appeared David
therein expressed.	titument for the purposes and considerations
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Given under my hand and seal of office	this $\frac{\sqrt[8]{17}}{\sqrt[8]{17}}$ day of $\frac{\sqrt{17}}{\sqrt{17}}$, 2014.
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CITY OF (COUNTY OF) ss. TRAMSTRICKLAND NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES 9:20:14 Before me. a Notary Public in and for s	David Michael Lettkeman Dated: 5-8-2014 aid County and State, personally appeared David
CITY OF (COUNTY OF) ss. TRACM STRICKLAND NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES 9 >> 14 Before me, a Notary Public in and for s Michael Lettkeman, who executed the foregoin	David Michael Lettkeman Dated: 5-8-2014
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CITY OF (COUNTY OF) ss. TRACKISTRICKLAND NOTARY PUBLIC STATE OF COLORADO MY COMMISSION EXPIRES 9 30 14 Before me, a Notary Public in and for s Michael Lettkeman, who executed the foregoin therein expressed.	David Michael Lettkeman Dated: 5-8-2014 aid County and State, personally appeared David ng instrument for the purposes and considerations

The Assignee hereby acknowledges and accepts the foregoing assignment of rights by Assignor.

IN TESTIMONY WHEREOF, the Assignee, by its undersigned officer, confirms its acceptance on the date set forth below.

Place: Down Cha By: John T. Kenned (printed name of authorized agent of assignee)

Its: Metry Chied TP Counsel (title)

PATRICIA K. GREENE GAIL M. SILVA

Assignors' Initials