

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6830099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN L. NORIN	11/03/2006
RECEIVING PARTY DATA	
Name:	THE DIRECTV GROUP, INC.
Street Address:	2260 E. IMPERIAL HWY.
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12634530
CORRESPONDENCE DATA	
Fax Number:	(404)815-6555
<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>	
Phone:	4048156500
Email:	landrew@kilpatricktownsend.com
Correspondent Name:	THE DIRECTV GROUP, INC.
Address Line 1:	2260 E. IMPERIAL HWY.
Address Line 4:	EL SEGUNDO, CALIFORNIA 90245
ATTORNEY DOCKET NUMBER:	DTV205058
NAME OF SUBMITTER:	LESLEY L. ANDREW
SIGNATURE:	/Lesley L. Andrew/
DATE SIGNED:	07/23/2021
Total Attachments: 2	
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source=12_634530_Assignment#page2.tif	

Customer No. 020991



THE DIRECTV GROUP

ASSIGNMENT

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WHEREAS, I, JOHN L. NORIN, as below named sole inventor, of the city and state as stated below next to my name, have invented a(an) **KA/KU ANTENNA ALIGNMENT** for which application for Letters Patent of the United States has been executed by me on this day, or (if the following is completed) filed on October 11, 2006 as Serial No. 11/545,845; and which application claims benefit of U.S. provisional applications with Serial Nos. 60/726,118 filed on October 12, 2005 and 60/754,737 filed on December 28, 2005.


WHEREAS, **The DIRECTV Group, Inc.**, (hereinafter referred to as **DIRECTV**), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefore in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to **DIRECTV**, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in- part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said **DIRECTV**, its successors, assigns or other legal representatives; covenant that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to **DIRECTV**, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by **DIRECTV**, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of **DIRECTV**, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in **DIRECTV**, its successors, assigns or other legal representatives.

PATENT
REEL: 058866 FRAME: 03831

ASSIGNMENT
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IN WITNESS WHEREOF, I have executed this instrument.

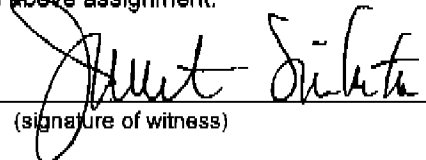
FULL NAME OF SOLE OR JOINT INVENTOR JOHN L. NORIN	INVENTOR'S SIGNATURE 	DATE 11/03/2006
RESIDENCE (CITY AND STATE) Hawthorne, California Redondo Beach, California		

STATEMENT BY WITNESS

I, JANET SHIBATA, whose full post office address is
(name of witness)

2230 E. Imperial Highway, El Segundo, California 90245 was personally present and did see
(address of witness)

JOHN L. NORIN, who is known to me, execute the above assignment.


(signature of witness)