

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Drew T. Chen	12/02/2011
Richard B. Tatem	12/02/2011
RECEIVING PARTY DATA	
Name:	The DIRECTV Group, Inc.
Street Address:	2230 E. Imperial Highway
Internal Address:	CA / LA1 / A109
City:	El Segundo
State/Country:	CALIFORNIA
Postal Code:	90245
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13285917
CORRESPONDENCE DATA	
Fax Number:	(310)964-0941
Phone:	310-964-0735
Email:	karen.lum@directv.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	The DIRECTV Group, Inc.
Address Line 1:	2230 E. Imperial Highway
Address Line 2:	CA / LA1 / A109
Address Line 4:	El Segundo, CALIFORNIA 90245
ATTORNEY DOCKET NUMBER:	PD-211024
NAME OF SUBMITTER:	Karen L. Lum
Total Attachments: 2 source=PD-211024-Assignment#page1.tif source=PD-211024-Assignment#page2.tif	

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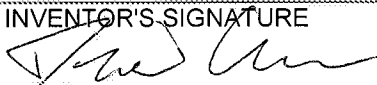
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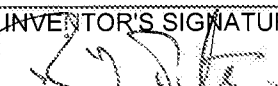
WHEREAS, DREW T. CHEN and RICHARD B. TATEM, as below named joint inventors of the city and state as stated below next to my name, have invented a **METHOD AND SYSTEM FOR CONTROLLING A CONTROLLED DEVICE WITH A REMOTE CONTROL DEVICE THROUGH A DISPLAY DEVICE** for which application for Letters Patent of the United States was filed on October 31, 2011 as U.S. Patent Application Serial No.13/285,917.

WHEREAS, The DIRECTV Group, Inc. (hereinafter referred to as the "Company"), 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 invention agreements 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 the Company, 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 therefore 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 Company, 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 the Company, 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 the Company, 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 the Company, 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 the Company, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DREW T. CHEN		12/2/2011
RESIDENCE (CITY AND STATE)		
Gaithersburg, Maryland		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RICHARD B. TATEM		12/2/2011
RESIDENCE (CITY AND STATE)		
Middletown, Maryland		

STATE OF MARYLAND

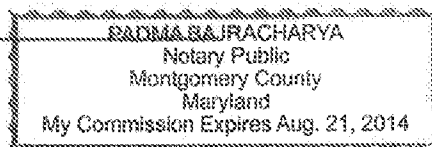
COUNTY OF Montgomery

Personally appeared before me, Padma Bajracharya, a Notary Public, in and for said county and state, on this 2nd day of Dec, 2011, the within named **DREW T. CHEN**, known to me, or satisfactorily proven, to be the person whose name is subscribed to the within instrument and who acknowledges that he executed the same for the purposes therein contained.


NOTARY PUBLIC

Print Name: _____

My Commission Expires: _____



STATE OF MARYLAND

COUNTY OF Montgomery

Personally appeared before me, Padma Bajracharya, a Notary Public, in and for said county and state, on this 2nd day of Dec, 2011, the within named **RICHARD B. TATEM**, known to me, or satisfactorily proven, to be the person whose name is subscribed to the within instrument and who acknowledges that he executed the same for the purposes therein contained.


NOTARY PUBLIC

Print Name: _____

My Commission Expires: _____

