

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3177548

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PHILLIP T. WANG	01/05/2015
SEAN S. LEE	01/05/2015
RECEIVING PARTY DATA	
Name:	THE DIRECTV GROUP, INC.
Street Address:	2230 E. IMPERIAL HIGHWAY
Internal Address:	CA / LA5 / A109
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14563460
CORRESPONDENCE DATA	
Fax Number:	(310)964-0941
<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:	310-964-0735
Email:	karen.lum@directv.com
Correspondent Name:	THE DIRECTV GROUP, INC.
Address Line 1:	2230 E. IMPERIAL HIGHWAY
Address Line 2:	CA / LA5 / A109
Address Line 4:	EL SEGUNDO, CALIFORNIA 90245
ATTORNEY DOCKET NUMBER:	PD-214173
NAME OF SUBMITTER:	KAREN L. LUM
SIGNATURE:	/Karen L. Lum/
DATE SIGNED:	01/09/2015
Total Attachments: 2	
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PD-214173
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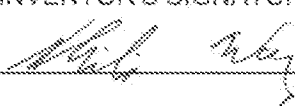
ASSIGNMENT


WHEREAS, **PHILLIP T. WANG and SEAN S. LEE**, as a below named joint inventor of the city and state as stated next to my name, have invented a **METHOD AND SYSTEM FOR COMMUNICATING INSERTED MATERIAL TO A CLIENT DEVICE IN A CENTRALIZED CONTENT DISTRIBUTION SYSTEM** for which application for Letters Patent of the United States was filed on December 8, 2014 as U.S. Patent Application Serial No. 14/563,460.

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
PHILLIP T. WANG		Jan. 5, 2015
RESIDENCE (CITY AND STATE) Rockville, Maryland		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
SEAN S. LEE		Jan 5, 2015
RESIDENCE (CITY AND STATE) Potomac, Maryland		

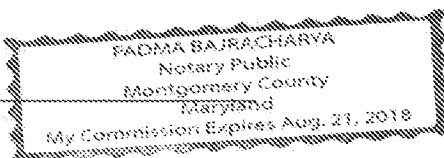
STATE OF MARYLAND

COUNTY OF Montgomery

Personally appeared before me, a Notary Public, in and for said county and state, on this 5th day of Jan, 2015, the within named **PHILLIP T. WANG**, known to me, or satisfactorily proven, to be the person whose name is subscribed to the within instrument and who acknowledges that he/she/they (strike one) 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, a Notary Public, in and for said county and state, on this 5th day of Jan, 2015, the within named **SEAN S. LEE**, known to me, or satisfactorily proven, to be the person whose name is subscribed to the within instrument and who acknowledges that he/she/they (strike one) executed the same for the purposes therein contained.

NOTARY PUBLIC

Print Name: _____
My Commission Expires: _____

