

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5308683

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SCOTT D. CASAVANT	03/27/2012
SEAN S. LEE	03/28/2012
KURIACOSE JOSEPH	03/27/2012
JOHN L. NORIN	04/02/2012
RECEIVING PARTY DATA	
Name:	THE DIRECTV GROUP, INC.
Street Address:	PATENT DOCKET ADMINISTRATION
Internal Address:	CA / LA5 / A109
City:	EL SEGUNDO
State/Country:	CALIFORNIA
Postal Code:	90245
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16239619
CORRESPONDENCE DATA	
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<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:	(248) 641-1212
Email:	epalmer@hdp.com
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.
Address Line 1:	P.O. BOX 828
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303
ATTORNEY DOCKET NUMBER:	9093-000269-US-COB
NAME OF SUBMITTER:	KEVIN G. MIERZWA
SIGNATURE:	/Kevin G. Mierzwa/
DATE SIGNED:	01/04/2019
Total Attachments: 4	
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ASSIGNMENT
PD-210057
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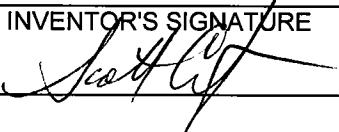
ASSIGNMENT


WHEREAS, SCOTT D. CASAVANT, SEAN S. LEE, KURIACOSE JOSEPH and JOHN L. NORIN, as below named joint inventors of the city and state as stated below next to our names, have invented a(an) **METHOD AND SYSTEM FOR DETECTING UNAUTHORIZED USE OF A SET TOP BOX USING SATELLITE SIGNAL IDENTIFICATION** for which application for Letters Patent of the United States was filed on March 7, 2012 as U.S. Patent Application Serial No. 13/413,806.


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;

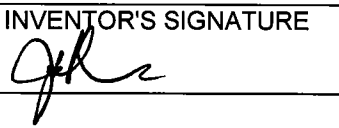
NOW, THEREFORE, in consideration of the obligations voluntarily assumed by us and set forth in invention agreements between us and our employer, effective the date as stated below next to our names, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, 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 us, 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 us, any facts known by us 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, we have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
SCOTT D. CASAVANT		3/27/12
RESIDENCE (CITY AND STATE) Germantown, Maryland		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
SEAN S. LEE		3/28/2012
RESIDENCE (CITY AND STATE) Potomac, Maryland		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
KURIACOSE JOSEPH		3/27/12
RESIDENCE (CITY AND STATE) Gaithersburg, Maryland		

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
JOHN L. NORIN		4/2/12
RESIDENCE (CITY AND STATE) Redondo Beach, California		

STATE OF MARYLAND

COUNTY OF Montgomery

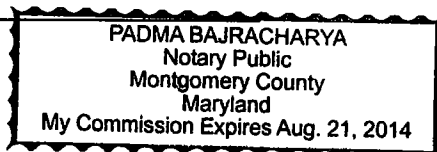
Personally appeared before me, Padma Bajracharya, a Notary Public, in and for said county and state, on this 27th day of March, 2012, the within named **SCOTT D. CASAVANT**, known to me, or satisfactorily proven, to be the person whose name is subscribed to the within instrument and who acknowledges 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 20th day of March, 2012, 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 executed the same for the purposes therein contained.

Padma Bajracharya

NOTARY PUBLIC

Print Name: _____

My Commission Expires: _____

PADMA BAJRACHARYA
Notary Public
Montgomery County
Maryland
My Commission Expires Aug. 21, 2014

STATE OF MARYLAND

COUNTY OF Montgomery

Personally appeared before me, Padma Bajracharya, a Notary Public, in and for said county and state, on this 21st day of March, 2012, the within named **KURIACOSE JOSEPH**, 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.

Padma Bajracharya

NOTARY PUBLIC

Print Name: _____

My Commission Expires: _____


PADMA BAJRACHARYA
Notary Public
Montgomery County
Maryland
My Commission Expires Aug. 21, 2014

STATE OF CALIFORNIA)
) SS:
COUNTY OF LOS ANGELES)

On April 2, 2012, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared **JOHN L. NORIN**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Notary Public

