

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6828571

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WALTER F. FILBRICH	05/25/2010
RAYNOLD M. KAHN	03/05/2010
STEVEN KASAKITIS	05/24/2010
CHRISTOPHER R. ROY	05/21/2010
ERIN K. NELSON	05/21/2010
CHRISTOPHER J. CABANNE	05/25/2010
LUKE J. CROOK	05/25/2010
GREGORY VAGNATI	05/21/2010
NOREEN FONG	05/24/2010
ERIC J. BENNETT	05/21/2010
ROMULO PONTUAL	03/02/2010
ROBERT G. ARSENAULT	05/25/2010

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:	13921940

CORRESPONDENCE DATA

Fax Number: (404)541-3111

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.

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

PATENT

ATTORNEY DOCKET NUMBER:	DTV212087
NAME OF SUBMITTER:	LESLEY L. ANDREW
SIGNATURE:	/Lesley L. Andrew/
DATE SIGNED:	07/23/2021

Total Attachments: 7

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ASSIGNMENT
PD-209058
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ASSIGNMENT

WHEREAS I, WALTER F. FILBRICH, RAYNOLD M. KAHN, STEVEN KASAKITIS, CHRISTOPHER R. ROY, ERIN K. NELSON, CHRISTOPHER J. CABANNE, LUKE J. CROOK, GREGORY VAGNATI, NOREEN FONG, ERIC J. BENNETT, ROMULO PONTUAL and ROBERT G. ARSENAULT, as a below named inventor of the city and state as stated below next to my name, have invented a **METHOD AND SYSTEM FOR REGISTERING A CLIENT DEVICE IN A MULTI-ROOM DIGITAL VIDEO RECORDING SYSTEM**, for which application for Letters Patent of the United States has been filed on December 28, 2009, as Serial No.12/647,895.

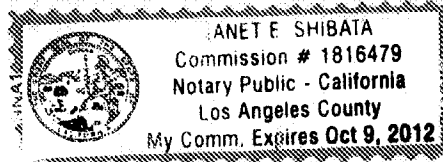
WHEREAS, The DIRECTV Group, Inc. (hereinafter referred to as the "Company"), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any 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
WALTER F. FILBRICH	<i>Walter F. Filbrich</i>	5/25/2010
RESIDENCE (CITY AND STATE) Manhattan Beach, California		

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



On May 25, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared WALTER F. FILBRICH, 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, 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.

Janet E. Shibata

 Notary Public

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
RAYNOLD M. KAHN	<i>Raynold M. Kahn</i>	03/05/2010
RESIDENCE (CITY AND STATE) Los Angeles, California		

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

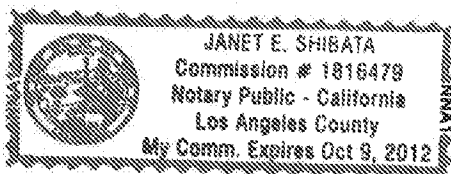
On March 5, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared RAYNOLD M. KAHN, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity, 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.

Janet E. Shibata

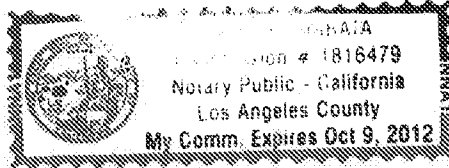
 Notary Public



IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
STEVEN KASAKITIS	<i>Steven Kasakit</i>	05/24/10
RESIDENCE (CITY AND STATE) Redondo Beach, California		

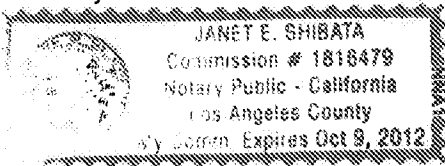
STATE OF CALIFORNIA)
) SS:
 COUNTY OF LOS ANGELES)



On May 24, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared STEVEN KASAKITIS, 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, 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.



Janet E. Shibata
 Notary Public

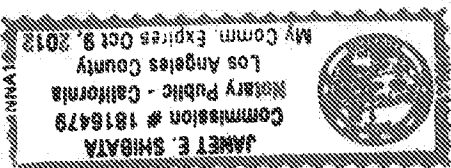
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
CHRISTOPHER R. ROY	<i>Christopher R. Roy</i>	5/21/10
RESIDENCE (CITY AND STATE) Los Angeles, California		

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

On May 21, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared CHRISTOPHER R. ROY, 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, 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.

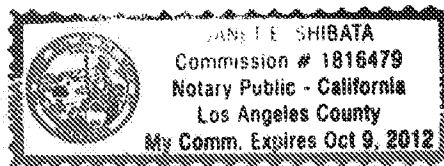


Janet E. Shibata
 Notary Public

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
ERIN K. NELSON	<i>Erin K. Nelson</i>	5/21/10
RESIDENCE (CITY AND STATE) Torrance, California		

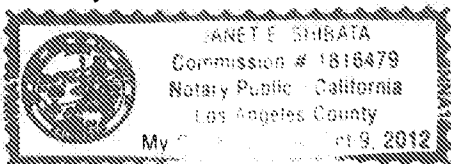
STATE OF CALIFORNIA)
) SS:
COUNTY OF LOS ANGELES)



On May 21, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared ERIN K. NELSON, 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, 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.



Janet E. Shibata
Notary Public

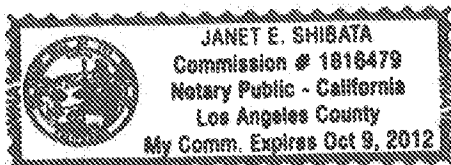
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
CHRISTOPHER J. CABANNE	<i>Christopher Cabanne</i>	5/25/2010
RESIDENCE (CITY AND STATE) Woodland Hills, California		

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

On May 25, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared CHRISTOPHER J. CABANNE, 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, 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.

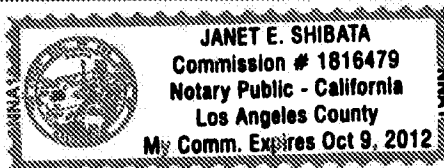


Janet E. Shibata
Notary Public

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
LUKE J. CROOK	<i>LJ Crook</i>	5/25/2010
RESIDENCE (CITY AND STATE) San Pedro, California		

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



On May 25, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared LUKE J. CROOK, 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, 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.

Janet E. Shibata
Notary Public

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
GREGORY VAGNATI	<i>[Signature]</i>	5/21/2010
RESIDENCE (CITY AND STATE) Los Angeles, California		

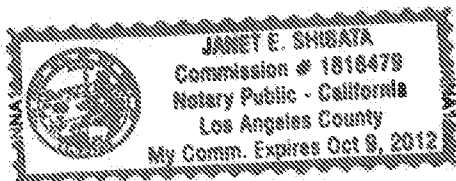
STATE OF CALIFORNIA)
) SS:
COUNTY OF LOS ANGELES)

On May 21, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared GREGORY VAGNATI, 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, 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.

Janet E. Shibata
Notary Public



IN WITNESS WHEREOF, I have executed this instrument.

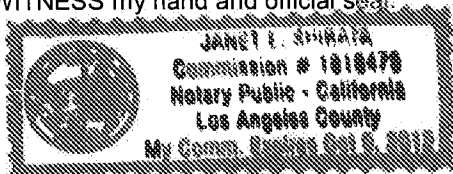
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
NOREEN FONG	<i>Noreen Fong</i>	5/24/10
RESIDENCE (CITY AND STATE) Cerritos, California		

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

On May 24, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared NOREEN FONG, 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, 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.



Janet E. Shibata
 Notary Public

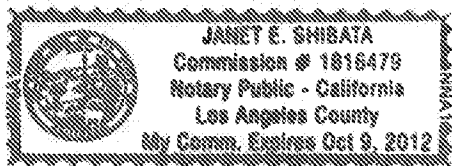
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
ERIC J. BENNETT	<i>Eric Bennett</i>	5/21/10
RESIDENCE (CITY AND STATE) Los Angeles, California		

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

On May 21, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared ERIC J. BENNETT, 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, 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.

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WITNESS my hand and official seal.



Janet E. Shibata
 Notary Public

