

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tommi J. Iten</td> <td>04/15/2011</td> </tr> <tr> <td>Eric J. Bennett</td> <td>11/19/2010</td> </tr> <tr> <td>Christopher R. Roy</td> <td>11/19/2010</td> </tr> <tr> <td>David P. Green</td> <td>12/02/2010</td> </tr> <tr> <td>Kenny C. Chen</td> <td>11/22/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tommi J. Iten	04/15/2011	Eric J. Bennett	11/19/2010	Christopher R. Roy	11/19/2010	David P. Green	12/02/2010	Kenny C. Chen	11/22/2010
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David P. Green	12/02/2010												
Kenny C. Chen	11/22/2010												
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													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12795523</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12795523								
Property Type	Number												
Application Number:	12795523												
CORRESPONDENCE DATA													
Fax Number:	(310)964-0941												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</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 / LA1 / A109												
Address Line 4:	El Segundo, CALIFORNIA 90245												
ATTORNEY DOCKET NUMBER:	PD-209012												

CH \$40.00 12795523

501506702

**PATENT
 REEL: 026156 FRAME: 0264**

NAME OF SUBMITTER:

Karen L. Lum

Total Attachments: 6

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THE DIRECTV GROUP

ASSIGNMENT
PD-209012
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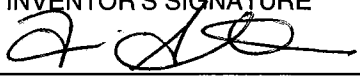
ASSIGNMENT

WHEREAS I, TOMMI J. ITEN, ERIC J. BENNETT, CHRISTOPHER R. ROY, DAVID P. GREEN and KENNY C. CHEN, as a below named joint inventor of the city and state as stated below next to my name, have invented a(an) **METHOD AND APPARATUS TO SEARCH FOR PROGRAM CONTENT VIA A REMOTE CONTROL INTERFACE**, for which application for Letters Patent of the United States has been filed on June 7, 2010, as Serial No. 12/795,523, and which application claims benefit of U.S. provisional application with Serial No. 61/185,075 filed on June 8, 2009.

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
TOMMI J. ITEN		4/15/11
RESIDENCE (CITY AND STATE) Redondo Beach, California		

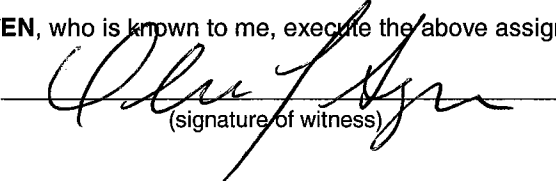
STATEMENT BY WITNESS

I, Olivia Segura, whose full post office address is
 (name of witness)

1000 Esplanade # 7, Redondo Beach, CA 90277
 (address of witness)

was personally present and did see **TOMMI J. ITEN**, who is known to me, execute the above assignment.

Date: 4/15/11


 (signature of witness)

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
ERIC J. BENNETT		
RESIDENCE (CITY AND STATE) Los Angeles, California		

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

On _____, 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(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

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
TOMMI J. ITEN		
RESIDENCE (CITY AND STATE) Redondo Beach, California		

STATEMENT BY WITNESS

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

(address of witness)

was personally present and did see **TOMMI J. ITEN**, who is known to me, execute the above assignment.

(signature of witness)

Date: _____

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
ERIC J. BENNETT	<i>Eric Bennett</i>	11/19/10
RESIDENCE (CITY AND STATE) Los Angeles, California		

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

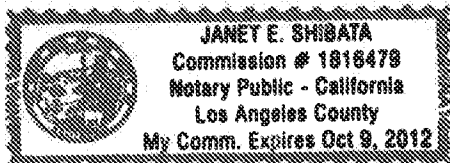
On November 19, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared ERIC J. BENNETT, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(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.

Janet E. Shibata

Notary Public



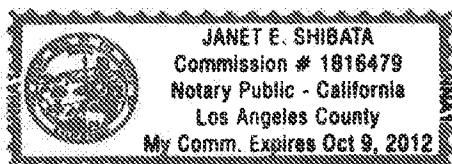
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
CHRISTOPHER R. ROY		11/19/10
RESIDENCE (CITY AND STATE) Los Angeles, California		

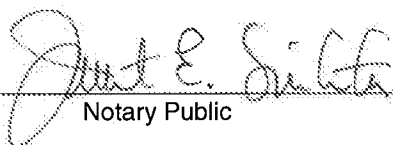
STATE OF CALIFORNIA)
) SS:
 COUNTY OF LOS ANGELES)

On November 19, 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(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.

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WITNESS my hand and official seal.




 Notary Public

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DAVID P. GREEN		
RESIDENCE (CITY AND STATE) Castaic, California		

STATEMENT BY WITNESS

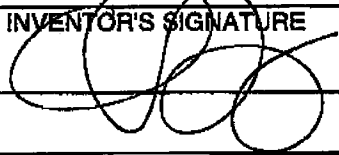
I, _____, whose full post office address is
 (name of witness)

 (address of witness)

was personally present and did see **DAVID P. GREEN**, who is known to me, execute the above assignment.

 (signature of witness)

Date: _____

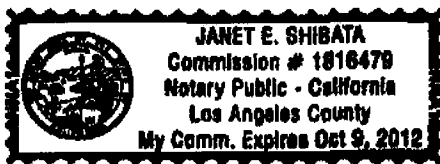
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
CHRISTOPHER R. ROY		11/19/10
RESIDENCE (CITY AND STATE) Los Angeles, California		

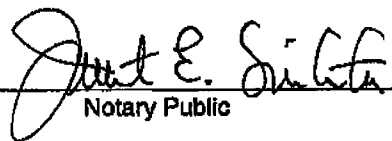
STATE OF CALIFORNIA)
) SS:
COUNTY OF LOS ANGELES)

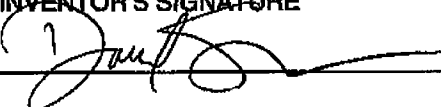
On November 19, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared CHRISTOPHER R. ROY, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(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


FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DAVID P. GREEN		12/2/2010
RESIDENCE (CITY AND STATE) Castaic, California		

STATEMENT BY WITNESS

1. Lisa Passamonte Green, whose full post office address is
(name of witness)

27728 Wilderness Place, Castaic, CA 91384
(address of witness)

was personally present and did see DAVID P. GREEN, who is known to me, execute the above assignment.


(signature of witness)

Date: 12/2/2010

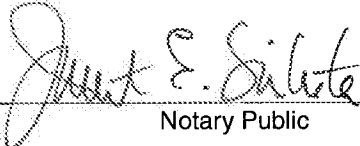
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
KENNY C. CHEN RESIDENCE (CITY AND STATE) Los Angeles, California		11/22/10

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

On November 22, 2010, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared KENNY C. CHEN, 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

