

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4409768

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PREMAL SHAH	02/20/2017
APURVA MAPARA	02/20/2017
PATRICK ZARRABI	02/20/2017
CARLOS A. MOZ	02/24/2017
VIRAL SHAH	02/20/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	The DIRECTV Group, Inc.
<b>Street Address:</b>	2230 E. Imperial Highway
<b>City:</b>	El Segundo
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	90245
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15446424
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(847)510-0710
<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>	
<b>Email:</b>	docketing@ggip.com
<b>Correspondent Name:</b>	AT&T LEGAL DEPARTMENT - GG ATTN: PATENT
<b>Address Line 1:</b>	ROOM 2A-207
<b>Address Line 2:</b>	ONE AT&T WAY
<b>Address Line 4:</b>	BEDMINSTER, NEW JERSEY 07921
<b>ATTORNEY DOCKET NUMBER:</b>	DTV215027_7785-1576
<b>NAME OF SUBMITTER:</b>	MATTHEW TROPPER
<b>SIGNATURE:</b>	/Matthew Tropper/
<b>DATE SIGNED:</b>	05/11/2017
<b>Total Attachments: 7</b>	
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## ASSIGNMENT

WHEREAS We, **PREMAL SHAH**, residing at 16102 CRYSTAL CREEK LN, CERRITOS, CA 90703, and **APURVA MAPARA**, residing at 16796 Fawn Lilly Court, Chino Hills, CA 91709, and **PATRICK ZARRABI**, residing at 4515 El Caballero Drive, Tarzana, CA 91356, and **CARLOS A. MOZ**, residing at 15794 Pistachio St., Chino Hills, CA 91709, and **VIRAL SHAH**, residing at 16102 CRYSTAL CREEK LN, CERRITOS, CA 90703, hereinafter referred to as Assignor, are listed as inventors on a patent application entitled **METHOD AND APPARATUS FOR ACCESS TO MEDIA CONTENT**; US Patent Application Serial no. 15/446,424, for a full description of which reference is here made to an application for Letters Patent of the United States; and

WHEREAS, **The DIRECTV Group, Inc.**, a Corporation organized and existing under the laws of Delaware and having an address at 2230 E. Imperial Highway, El Segundo, CA 90245, (hereinafter referred to as Assignee), desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereto;

NOW THEREFORE, be it known that for and in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this non-provisional application, and all divisions, substitutions, and continuations thereof; and all Letters Patent of the United States which may be granted thereon, and all reexaminations and reissues thereof; and all rights to claim priority on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application; and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, including certificates of inventions, utility models, industrial design protection, design patent protection, and other governmental grants or issuances; and all extensions, renewals, prolongations, and reissues thereof; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents;

AND, I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any assignment, sale, license, agreement, or encumbrance in conflict with this Assignment; Assignor also authorizes the Assignee, any agent of the Assignee, and any attorney of the Assignee to fill in the U.S. Application Serial No. above, and any further identification information, if required;

AND, I HEREBY further covenant and agree, for the Assignor and the Assignor's legal representatives, that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention; assist the Assignee in the prosecution of the patent application identified above; assist in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; testify in any interference, litigation, or other legal proceeding; sign all lawful papers when called upon to do so; execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications; make all rightful oaths and generally do everything possible to aid Assignee, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee; and hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without compensation, but at the expense of Assignee or its representatives.

AND, I HEREBY consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **The DIRECTV Group, Inc.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

This Assignment may be executed in any number of counterparts, each of which when so executed and delivered shall be deemed an original, and such counterparts together shall constitute one and the same instrument. A facsimile copy of this Assignment, or any form of an electronic copy of this Assignment, including the signature pages hereto, shall be deemed to be an original.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20<sup>th</sup> day of February 2017.

Premal Shah

(Premal Shah)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which the certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

On February 20, before me, Janet E. Shibata, Notary Public, personally appeared 2017

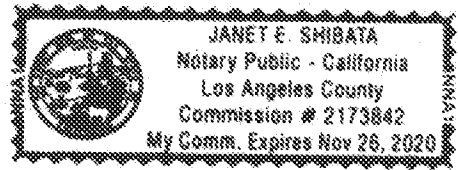
**Premal Shah**

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

Signature Janet E. Shibata (Seal)



IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of February, 2017.



(Apurva Mapara)

A notary public or other officer completing this certificate certifies only the identity of the individual who signed the document to which the certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

On February 20, before me, Janet E. Shibata Notary Public, personally appeared 2017

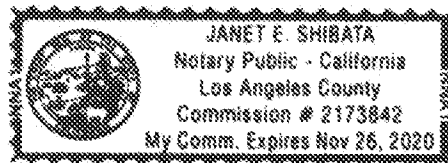
Apurva Mapara

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

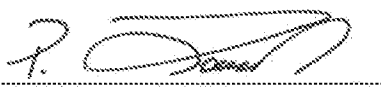
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Janet E. Shibata (Seal)



IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of February, 2017.



(Patrick Zarrabi)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which the certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

On February 20, before me, Janete Shibata, Notary Public, personally appeared 2017

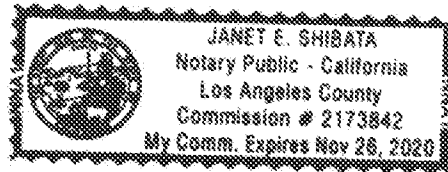
Patrick Zarrabi

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

Signature Janete Shibata (Seal)



IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of FEBRUARY, 2017.

Carlos Moz  
(Carlos A. Moz)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which the certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Colorado

County of DOUGLAS

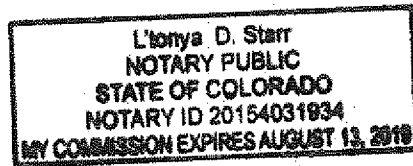
On FEBRUARY 24, 2017 before me, L'TONYA STARR, Notary Public, personally appeared

Carlos A. Moz Carlos Moz

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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

WITNESS my hand and official seal.



Signature L'tonya Starr (Seal)



IN TESTIMONY WHEREOF, I have hereunto set my hand this 20<sup>th</sup> day of February, 2017.



(Viral Shah)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which the certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

On February 20, before me, Janet E. Shibata Notary Public, personally appeared 2017

Viral Shah

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

Signature Janet E. Shibata (Seal)

