506192673 08/07/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBIN M. MATHEWS	10/14/2015
HENRY DEROVANESSIAN	10/06/2015

RECEIVING PARTY DATA

Name:	The DIRECTV Group, Inc.	
Street Address:	2230 E. Imperial Highway	
City:	El Segundo	
State/Country:	CALIFORNIA	
Postal Code:	90245	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16774811

CORRESPONDENCE DATA

Fax Number: (847)510-0710

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: 847-382-1501

Email: docketing@ggip.com

Correspondent Name: AT&T LEGAL DEPARTMENT - GG ATTN: PATENT

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Address Line 2: ONE AT&T WAY

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	7785-2237A-02
NAME OF SUBMITTER:	STACEY A. HILL
SIGNATURE:	/Stacey A. Hill/
DATE SIGNED:	08/07/2020

Total Attachments: 3

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ASSIGNMENT

WHEREAS, ROBIN M. MATHEWS and HENRY DEROVANESSIAN, 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 PERFORMING DIAGNOSTICS IN A GATEWAY DEVICE BASED ON MONITORING PARAMETERS for which application for Letters Patent of the United States was filed on September 30, 2015 as U.S. Patent Application Serial No. 14/871,864.

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.

> PATENT REEL: 056927 FRAME: 0028

IN WITNESS WHEREOF, we have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENȚOR'S SIGNATURE	DATE
	la attitude	1. 10 1
ROBIN M. MATHEWS	Mually	10/14/70/7
RESIDENCE (CITY AND STATE)	1/	7 1
Westford, Massachusetts	Υ.	

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)
) SS:
COUNTY OF LOS ANGELES)

On October 14 2015 before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared ROBIN M. MATHEWS, 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
Commission # 1990823
Notary Public - California
Los Angeles County
My Comm. Expires Oct 9, 2018

PATENT REEL: 05690Z FRAME: 0026

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	FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	1	DATE	
-	HENRY DEROVANESSIAN	Van		10/61206	S
Constant of	RESIDENCE (CITY AND STATE)		, st		
-	Manhattan Beach, California				

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)
) \$8:
COUNTY OF LOS ANGELES	}

On <u>October 6, 2015</u>, before me, Janet E. Shibata, a Notary Public in and for said State, personally appeared HENRY DEROVANESSIAN, 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
Commission # 1990823
Notary Public - California Z
Los Angeles County
My Comm. Expires Oct 9, 2016

Notary Public

PATENT REEL: 05892 FRAME: 0029

RECORDED: 08/23/2028