

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3967174

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SEAN S. LEE	09/19/2008
BRIAN D. JUPIN	09/18/2008
JORGE H. GUZMAN	09/18/2008
SCOTT D. CASAVANT	09/22/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE DIRECTV GROUP, INC.
<b>Street Address:</b>	2260 E. IMPERIAL HIGHWAY
<b>Internal Address:</b>	CA / LA5 / A109
<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:	15213455
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(832)213-0279
<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>Phone:</b>	908-532-1991
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<b>Address Line 4:</b>	BEDMINSTER, NEW JERSEY 07921
<b>ATTORNEY DOCKET NUMBER:</b>	DTV-208030A
<b>NAME OF SUBMITTER:</b>	KEVIN G. MIERZWA
<b>SIGNATURE:</b>	/Kevin G. Mierzwa/
<b>DATE SIGNED:</b>	07/19/2016
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

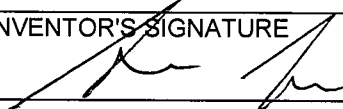
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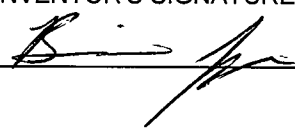
WHEREAS, We, SEAN S. LEE, BRIAN D. JUPIN, JORGE H. GUZMAN and SCOTT D. CASAVANT as below named joint inventor of the city and state as stated below next to my name, have invented a **METHOD AND SYSTEM FOR CONTROLLING A LOW POWER MODE FOR EXTERNAL DEVICES**, for which application for Letters Patent of the United States has been filed on September 30, 2008 as Serial No. 12/241,354.

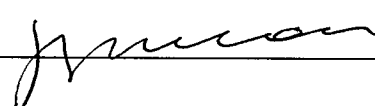
WHEREAS, The DIRECTV Group, Inc. (hereinafter referred to as the "Company"), a Delaware Corporation, having its principal place of business in El Segundo, California, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any 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.

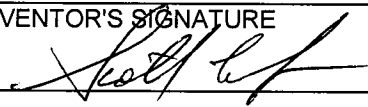
IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
SEAN S. LEE		9/19/08
RESIDENCE (CITY AND STATE)		
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FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
BRIAN D. JUPIN		9/18/08
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FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
JORGE H. GUZMAN		9/18/08
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SDC

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
DREW T. CHEN SCOTT D. CASAVANT		9/22/08
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Clarksburg, Maryland		
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18929 MOONWALK CT, GERMANTOWN, MARYLAND 20874		
<del>42423 Cypress Spring road, Clarksburg, Maryland 20871</del>		

**STATEMENT BY WITNESS**

I, Sayed Ali Reza Pezeshki, whose full post office address is  
(name of witness)

3805 Jonesbridge Rd, Chevy Chase, MD, 20815  
(address of witness)

was personally present and did see SEAN S. LEE, BRIAN D. JUPIN, JORGE H. GUZMAN and SCOTT D. CASAVANT, who are known to me, execute the above assignment.

  
(signature of witness)

Date: 9/19/08