

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3662297

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
COMCAST MO GROUP, INC.	07/01/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMCAST MO GROUP, LLC
<b>Street Address:</b>	1701 JOHN F. KENNEDY BOULEVARD
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19103
<b>PROPERTY NUMBERS Total: 9</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	4818051
Patent Number:	6859826
Patent Number:	8359240
Patent Number:	4914689
Patent Number:	6889382
Patent Number:	6578074
Patent Number:	7281037
Patent Number:	7979309
Application Number:	13615705
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	bwptopat@bannerwitcoff.com, hsmith@bannerwitcoff.com
<b>Correspondent Name:</b>	BANNER & WITCOFF, LTD.
<b>Address Line 1:</b>	1100 13TH STREET NW
<b>Address Line 2:</b>	SUITE 1200
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	007412.00082
<b>NAME OF SUBMITTER:</b>	FREDERIC M. MEEKER

<b>SIGNATURE:</b>	/Frederic M. Meeker/
<b>DATE SIGNED:</b>	12/17/2015
<b>Total Attachments: 2</b> source=2015-07-01CMOGR Inc to LLC Name Change#page1.tif source=2015-07-01CMOGR Inc to LLC Name Change#page2.tif	

# Delaware

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*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "COMCAST MO GROUP, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "COMCAST MO GROUP, INC." TO "COMCAST MO GROUP, LLC", FILED IN THIS OFFICE ON THE FIRST DAY OF JULY, A.D. 2015, AT 7:59 O'CLOCK A.M.

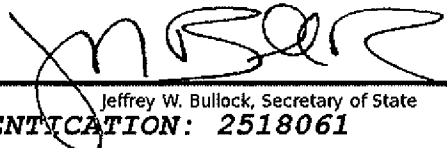
AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE FIRST DAY OF JULY, A.D. 2015, AT 11 O'CLOCK A.M.

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You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 2518061

DATE: 07-01-15

PATENT  
REEL: 037313 FRAME: 0213

**CERTIFICATE OF CONVERSION**

**FROM A CORPORATION TO A LIMITED LIABILITY COMPANY  
PURSUANT TO  
SECTION 266 OF THE DELAWARE GENERAL CORPORATION LAW  
AND  
SECTION 18-214 OF THE DELAWARE LIMITED LIABILITY COMPANY ACT**

1. The jurisdiction where the Corporation was first formed is Delaware.
2. The jurisdiction immediately prior to filing this Certificate is Delaware.
3. The date on which the Corporation was first formed is April 28, 1999.
4. The name of the Corporation immediately prior to filing this Certificate is Comcast MO Group, Inc.
5. The name of the Limited Liability Company as set forth in the Certificate of Formation is Comcast MO Group, LLC.
6. This Certificate of Conversion shall be effective on July 1, 2015, at 11:00 a.m., Eastern time.

IN WITNESS WHEREOF, the undersigned has executed this Certificate on July 1, 2015.



Arthur R. Block, Authorized Person