

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5708509

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER AND CHANGE OF NAME
EFFECTIVE DATE:	10/01/2015
CONVEYING PARTY DATA	
Name	Execution Date
COMCAST CABLE HOLDINGS, LLC	09/30/2015
NEWLY MERGED ENTITY DATA	
Name	Execution Date
COMCAST CABLE COMMUNICATIONS, LLC	09/30/2015
MERGED ENTITY'S NEW NAME (RECEIVING PARTY)	
Name:	COMCAST CABLE COMMUNICATIONS, LLC
Street Address:	1701 JOHN F. KENNEDY BOULEVARD
City:	PHILADELPHIA
State/Country:	PENNSYLVANIA
Postal Code:	19103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14988460
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	(202) 824-3000
Email:	Rnassor@bannerwitcoff.com, BWPtopat@bannerwitcoff.com
Correspondent Name:	BANNER WITCOFF
Address Line 1:	1100 13TH STREET, N.W.
Address Line 4:	WASHINGTON, D.C. 20005
ATTORNEY DOCKET NUMBER:	007412.03175
NAME OF SUBMITTER:	FREDERIC M. MEEKER
SIGNATURE:	/Frederic M. Meeker/
DATE SIGNED:	09/09/2019
Total Attachments: 3	

source=assignment-pat-37229-550 (4)#page1.tif

source=assignment-pat-37229-550 (4)#page2.tif

source=assignment-pat-37229-550 (4)#page3.tif

Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

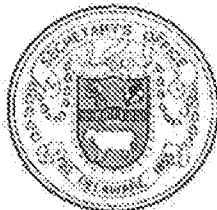
"COMCAST CABLE HOLDINGS, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"COMCAST MO OF DELAWARE, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"COMCAST MO GROUP, LLC", A DELAWARE LIMITED LIABILITY COMPANY,

"COMCAST OF GEORGIA/VIRGINIA, INC.", A COLORADO CORPORATION, WITH AND INTO "COMCAST CABLE COMMUNICATIONS, LLC" UNDER THE NAME OF "COMCAST CABLE COMMUNICATIONS, LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE THIRTIETH DAY OF SEPTEMBER, A.D. 2015, AT 8:44 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF OCTOBER, A.D. 2015 AT 12:01 O'CLOCK A.M.




Jeffrey W. Bullock, Secretary of State

911574 8100M
SR# 20150316895

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 10154585
PATENT date: 09-30-15

REEL: 050316 FRAME: 0070

Delaware

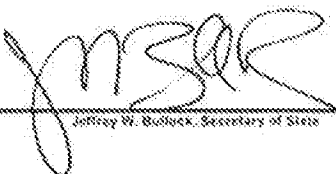
The First State

Page 2



911574 8100M
SR# 20150316895

You may verify this certificate online at corp.delaware.gov/authver.shtml



Jeffrey W. Budnick, Secretary of State

Authentication: 10154585
Date: 09-30-15

PATENT
REEL: 050316 FRAME: 0071

CERTIFICATE OF MERGER

OF

COMCAST OF GEORGIA/VIRGINIA, INC.,
a Colorado corporation,

COMCAST MO GROUP, LLC,
a Delaware limited liability company,

COMCAST CABLE HOLDINGS, LLC,
a Delaware limited liability company,

AND

COMCAST MO OF DELAWARE, LLC,
a Delaware limited liability company,

INTO

COMCAST CABLE COMMUNICATIONS, LLC,
a Delaware limited liability company

Pursuant to Title 6, Section 18-209 of the Delaware Limited Liability Company Act, the undersigned limited liability company executed the following Certificate of Merger:

FIRST: The name of the surviving limited liability company is Comcast Cable Communications, LLC, a Delaware limited liability company, and the names of the entities being merged into this surviving limited liability company are Comcast of Georgia/Virginia, Inc., a Colorado corporation, Comcast MO Group, LLC, a Delaware limited liability company, Comcast Cable Holdings, LLC, a Delaware limited liability company, and Comcast MO of Delaware, LLC, a Delaware limited liability company.

SECOND: The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent entities.

THIRD: The name of the surviving entity is Comcast Cable Communications, LLC.

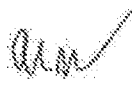
FOURTH: The merger is to become effective on October 1, 2015 at 12:01 a.m., Eastern time.

FIFTH: The Agreement and Plan of Merger is on file at the place of business of the surviving entity located at 1701 John F. Kennedy Boulevard, Philadelphia, Pennsylvania 19103-2838.

SIXTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving limited liability company on request, without cost, to any member or stockholder of the constituent entities.

IN WITNESS WHEREOF, said surviving limited liability company has caused this certificate to be signed by an authorized person, on September 30, 2015.

Comcast Cable Communications, LLC

By: 
Arthur R. Block, Authorized Person