

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4631630

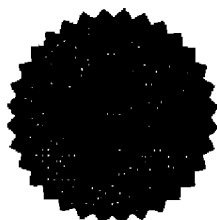
<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	CHANGE OF NAME
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AT&T BROADBAND LLC	11/18/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMCAST CABLE HOLDINGS, LLC
<b>Street Address:</b>	1500 MARKET STREET
<b>Internal Address:</b>	34TH FLOOR
<b>City:</b>	PHILADELPHIA
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19102
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13446479
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)824-3001
<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>	awinslow@bannerwitcoff.com, ptopat@bannerwitcoff.com
<b>Correspondent Name:</b>	BANNER & WITCOFF
<b>Address Line 1:</b>	1100 13TH STREET NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20005
<b>ATTORNEY DOCKET NUMBER:</b>	007412.01761
<b>NAME OF SUBMITTER:</b>	FREDERIC M. MEEKER
<b>SIGNATURE:</b>	/Frederic M. Meeker/
<b>DATE SIGNED:</b>	10/09/2017
<b>Total Attachments: 2</b>	
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# Delaware

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*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "AT&T BROADBAND, LLC", CHANGING ITS NAME FROM "AT&T BROADBAND, LLC" TO "COMCAST CABLE HOLDINGS, LLC", FILED IN THIS OFFICE ON THE NINETEENTH DAY OF NOVEMBER, A.D. 2002, AT 8:30 O'CLOCK A.M.

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

2371729 8100

AUTHENTICATION: 2097488

020710758

DATE: 11-19-02

PATENT  
REEL: 044149 FRAME: 0421

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 08:30 AM 11/19/2002  
020710758 - 2371729

**CERTIFICATE OF AMENDMENT**

**OF**

**AT&T Broadband, LLC**

1. The name of the limited liability company is AT&T Broadband, LLC.
  2. The Certificate of Formation of the limited liability company is hereby amended to change the name and registered agent and office as follows:
    1. The name of the limited liability company is Comcast Cable Holdings, LLC
    2. The registered office of the limited liability company in the state of Delaware is 1201 North Market Street, #1405, in the City of Wilmington, County of New Castle.
- The registered agent of the limited liability company is Comcast Capital Corporation, the business address of that is identical to the aforementioned registered office.

IN WITNESS WHEREOF, the undersigned has executed this Certificate of Amendment of AT&T Broadband, LLC this 18<sup>th</sup> day of November, 2002.

By: W. E. Dordelman  
William E. Dordelman, Vice President/  
Authorized Person