

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard M. Woundy</td> <td>04/02/2007</td> </tr> <tr> <td>Manoj Chaudhari</td> <td>03/30/2007</td> </tr> <tr> <td>Raju Datla</td> <td>03/30/2007</td> </tr> <tr> <td>Eugene Lee</td> <td>04/04/2007</td> </tr> <tr> <td>Srinivas Bongoni</td> <td>04/04/2007</td> </tr> </tbody> </table>		Name	Execution Date	Richard M. Woundy	04/02/2007	Manoj Chaudhari	03/30/2007	Raju Datla	03/30/2007	Eugene Lee	04/04/2007	Srinivas Bongoni	04/04/2007
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<table border="1"> <tr> <td>Name:</td> <td>Comcast Cable Holdings, LLC</td> </tr> <tr> <td>Street Address:</td> <td>1500 Market Street</td> </tr> <tr> <td>Internal Address:</td> <td>34th Floor</td> </tr> <tr> <td>City:</td> <td>Philadelphia</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19102-2148</td> </tr> </table>		Name:	Comcast Cable Holdings, LLC	Street Address:	1500 Market Street	Internal Address:	34th Floor	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19102-2148
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14039720</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14039720								
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CORRESPONDENCE DATA													
Fax Number: 2028243001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: BWPTOPAT@bannerwitcoff.com, dholbert@bannerwitcoff.com Correspondent Name: Banner & Witcoff / Evan M. Clark Address Line 1: 1100 13th Street, N.W. Address Line 4: Washington, DISTRICT OF COLUMBIA 20005													
ATTORNEY DOCKET NUMBER:	007412.02532												
NAME OF SUBMITTER:	Evan M. Clark												

Signature:	/Evan M. Clark/
Date:	10/01/2013
Total Attachments: 3 source=02532ASNpdf#page1.tif source=02532ASNpdf#page2.tif source=02532ASNpdf#page3.tif	

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we Richard M. Woundy, Manoj Chaudhari, Raju Datla, Eugene Lee, and Srinivas Bongoni, of 17 Foley Drive, North Reading, Massachusetts 01864, 11 Breeze Drive, Dayton, New Jersey 08810, 5 Brompton Court, Cherry Hill, New Jersey 08003, 2284 Georgetown Drive, Malvern, Pennsylvania 19355, 251 West Dekalb Pike, D612, King of Prussia, Pennsylvania 19406, respectively, do hereby assign, sell and set over to COMCAST CABLE HOLDINGS, LLC, a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 1500 Market Street, 34th Floor, Philadelphia, PA 19102-2148, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

SYSTEM AND METHOD FOR PROVIDING AN APPLICATION TO A DEVICE

for which an application for a United States Patent is to be filed or will have been filed on January 22, 2007, as Application Serial No. 11/625,422 (we hereby authorize our attorney to insert the application filing date and serial number when they become known), including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to said inventions and discoveries in all countries, including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Date: 4-2, 2007

Richard M. Woundy
Richard M. Woundy


Date: 3-30, 2007

M. K. Chaudhari
Manoj Chaudhari

Date: 3-30, 2007

Raju Datla
Raju Datla

Date: 4-4, 2007

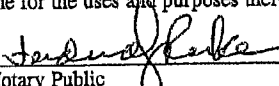

Eugene Lee

Date: 04/04, 2007

B. Srinivas
Srinivas Bongoni

STATE OF NJ)
COUNTY OF MIDDLESEX) ss.

On this 02 day of APRIL, 2007, personally appeared before me RICHARD WOUNDY, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

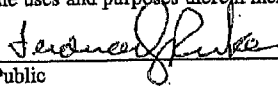

Notary Public
My Commission expires:

FERDINAND J. REINKE
NOTARY PUBLIC
STATE OF NEW JERSEY
COMM. ID 2329753
MY COMMISSION EXPIRES JUNE 2, 2010

(SEAL)

STATE OF NJ)
COUNTY OF MIDDLESEX) ss.

On this 30 day of MARCH, 2007, personally appeared before me MANDI CHAUDHART, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

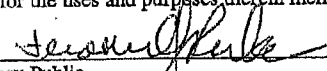

Notary Public
My Commission expires:

FERDINAND J. REINKE
NOTARY PUBLIC
STATE OF NEW JERSEY
COMM. ID 2329753
MY COMMISSION EXPIRES JUNE 2, 2010

(SEAL)

STATE OF NJ)
COUNTY OF MIDDLESEX) ss.

On this 30 day of MARCH, 2007, personally appeared before me RAJU DATLA, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.


Notary Public
My Commission expires:

FERDINAND J. REINKE
NOTARY PUBLIC
STATE OF NEW JERSEY
COMM. ID 2329753
MY COMMISSION EXPIRES JUNE 2, 2010

(SEAL)

STATE OF Pennsylvania) ss.
COUNTY OF Phila)

On this 4th day of April, 2007, personally appeared before me Eugene Lee, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public

My Commission expires:

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

AIDA SPARTA, Notary Public

City of Philadelphia, Phila. County

My Commission Expires March 30, 2008

(SEAL)

STATE OF Pennsylvania) ss.
COUNTY OF Phila)

On this 9th day of April, 2007, personally appeared before me Srinivas Bongani, to me known to be the person named in and who executed the above instrument, and acknowledged that he executed the same for the uses and purposes therein mentioned.

Notary Public

My Commission expires:

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

AIDA SPARTA, Notary Public

City of Philadelphia, Phila. County

My Commission Expires March 30, 2008

(SEAL)