#### 501955768 06/14/2012

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
Sedna Patent Services, LLC (f/k/a TVGateway, LLC)	09/13/2008

#### RECEIVING PARTY DATA

Name:	Comcast Cable Holdings, I LLC	
Street Address:	1201 N. Market Street	
Internal Address:	Suite 1000	
City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19801	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12856830

#### **CORRESPONDENCE DATA**

Fax Number: (202)824-3001 Phone: 3018243000

Email: jbrady@bannerwitcoff.com, BWPTOPAT@bannerwitcoff.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Daniel G. Cardy
Address Line 1: 1100 13th Street, NW

Address Line 2: Suite 1200

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-4051

ATTORNEY DOCKET NUMBER:	007412.01267
NAME OF SUBMITTER:	Daniel G. Cardy

### Total Attachments: 4

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## ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS TO COMCAST IP HOLDINGS I, LLC

For good and valuable consideration, the receipt of which is hereby acknowledged, Sedna Patent Services, LLC (f/k/a TVGateway, LLC) ("Assignor"), a Delaware limited liability company, having a business address at One Comcast Center, 1701 John F. Kennedy Blvd., Philadelphia, PA 19103, does hereby:

- (a) irrevocably assign and transfer to Comcast IP Holdings I, LLC, a Delaware limited liability company having a business address at 1201 N. Market Street, Suite 1000, Wilmington, DE 19801 ("Assignee"):
  - (1) the entire worldwide right, title and interest in and to (i) the patents and patent applications listed in Exhibit 1 hereto; (ii) all rights of priority in and to any of the foregoing patents and patent applications, and any divisionals, continuations, continuations-in-part, substitutes, reissues, renewals, reexaminations, and extensions of such patents; and (iii) foreign counterparts to any of the foregoing including but not limited to utility models (collectively, the "Patents") to be held and enjoyed by Assignee for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives to the full end of the term for which said letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made; and
  - (2) the entire worldwide right, title and interest in and to all causes of action and enforcement rights, whether currently pending, filed or otherwise, for the Patents, including but not limited to all rights to sue third parties for patent infringement and to collect damages accrued based on activities occurring prior to the execution date hereof, including but not limited to all rights to recover damages for infringement of provisional rights;
- (b) irrevocably assign and transfer to Comcast IP Holdings I, LLC, a Delaware limited liability company having a business address at 1201 N. Market Street, Suite 1000, Wilmington, DE 19801 ("Assignee") in connection with the assignment of the business of Assignor, or portion thereof, to which the following pertain:
  - (1) all of Assignor's right, title and interest in and to the trademarks listed in Exhibit 1 hereto, together with the goodwill of the business that is symbolized by such trademarks, including but not limited to renewal rights therein and the right to obtain registrations of such trademarks in the United States and throughout the world, (collectively, the "Trademarks") to be held and enjoyed by Assignee for its own use and enjoyment and the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made; and
  - (2) the entire worldwide right, title and interest in and to all causes of action and

PATENT REEL: 028376 FRAME: 0428 enforcement rights, whether currently pending, filed or otherwise, for the Trademarks, including but not limited to all rights to sue third parties for trademark infringement and to collect damages accrued based on activities occurring prior to the execution date hereof; and

agree, upon request (and at the reasonable expense) of Assignee, to execute all oaths, assignments, powers of attorney, applications and any other papers necessary to perfect Assignee's title in the foregoing Patents and Trademarks and to prosecute the Patents and Trademarks.

Assignor agrees that Assignee may apply for and receive patents for the subject matter in Assignee's own name. Assignor grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

The effective date of this Assignment is September 11, 2008 at 12:15 PM EST.

[Signatures appear on the next page]

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# EXHIBIT 1 TO ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS TO COMCAST IP HOLDINGS I, LLC

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PATENT REEL: 028376 FRAME: 0430

Signature on behalf of Assignor:	Date of Signature:
Printed Name: James J Finnegan	Sept. 13,2008 Title: <u>VP. Comcast</u>
State of Sta	
personally [DATE] appeared [DATE] appeared [DATE] personally known to me satisfactory evidence to be the person whose name is subsacknowledged to me that he executed the same in his auth signature on the instrument the person, or the entity upon executed the instrument.	[NOTARY PUBLIC] c or proved to me on the basis of scribed to the within instrument and agrized capacity, and that by his
Notary Seal	Notary
COMMONWEALTH OF PENNSYLVANIA  Notarial Seal  Kelly A. Ohare, Notary Public  Lower Macungle Twp., Lehigh County MY COMMISSION EXPIRES JUNE 19, 2010  MEMBER, Pennsylvania Association of Notarias	of Signature: 3th Sept 08

PATENT REEL: 028376 FRAME: 0431

**RECORDED: 06/14/2012**