

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Conveying Party Data: SEDENA PATENT SERVICES, LLC (F/K/A TVGATEWAY, LLC previously recorded on Reel 022024 Frame 0827. Assignor(s) hereby confirms the Conveying Party Data: SEDNA PATENT SERVICES, LLC (F/K/A TVGATEWAY, LLC).

**CONVEYING PARTY DATA**

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

**RECEIVING PARTY DATA**

<b>Name:</b>	Charter Communications Ventures, LLC
<b>Street Address:</b>	12405 Powerscourt Drive
<b>City:</b>	St. Louis
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63131

**PROPERTY NUMBERS Total: 8**

Property Type	Number
Patent Number:	6305019
Patent Number:	6314573
Patent Number:	6477182
Patent Number:	6684400
Patent Number:	6826197
Patent Number:	7254824
Application Number:	10946393
Application Number:	10689005

**CORRESPONDENCE DATA**

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**CH \$320.00 6305019**

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ATTORNEY DOCKET NUMBER:

29582/10050

NAME OF SUBMITTER:

William J. Kramer

Total Attachments: 3

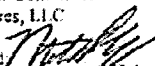
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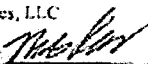
**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS TO  
~~CHARTER COMMUNICATIONS HOLDING COMPANY, LLC~~**

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:

Changed by permission to:  
Charter Communications Ventures, LLC  
Signed: 

 Glen

(a) irrevocably assign and transfer to ~~Charter Communications Holding Company, LLC~~, a Delaware limited liability company having a business address at 12405 Powerscourt Drive, St. Louis, MO 63131 ("Assignee"):

Changed by permission to:  
Charter Communications Ventures, LLC  
Signed: 

 Glen

(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) 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 and to prosecute the Patents.

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]

**EXHIBIT I  
TO ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS TO  
CHARTER COMMUNICATIONS HOLDING COMPANY, LLC**

U.S. Pat. Nos.	U.S. Pat. Appl. Nos.
6305019	10/948393
6477182	<div style="border: 1px solid black; padding: 5px;">           10/689005            Added by permission.            Signed: <i>Matt Long</i> </div>
6684400	
6826197	
7254824	
<div style="border: 1px solid black; padding: 5px;">           6314573            Added by permission.            Signed: <i>Tom Lu</i> </div>	

*JJO*  
*SKM*

*JJO*  
*SKM*

Signature on behalf of Assignor:

Date of Signature:

James J. Fraligo

Sept 13, 2008

Printed Name: James J. Fraligo

Title: VP Comcast

State of PA ) S.S.  
County of Lehigh

On 15th Sept 08 before me, Kelly A. O'Hara  
personally [DATE] [NOTARY PUBLIC]  
appeared James J. Fraligo personally known to me or proved to me on the basis of  
satisfactory evidence to be the person whose name is subscribed to the within instrument and  
acknowledged to me that he executed the same in his authorized capacity, and that by his  
signature on the instrument the person, or the entity upon behalf of which the person acted,  
executed the instrument.

Notary Seal

[Signature]  
Notary

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Kelly A. O'Hara, Notary Public  
Lower Macungie Twp., Lehigh County  
My Commission Expires June 10, 2010  
Member, Pennsylvania Association of Notaries

Date of Signature: 15th Sept 08  
[Signature], 2008