

PATENT ASSIGNMENT

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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>Steven M. Casey</td> <td>10/23/2012</td> </tr> <tr> <td>Felipe Castro</td> <td>10/23/2012</td> </tr> <tr> <td>Ronnie S. Dhaliwal</td> <td>10/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Steven M. Casey	10/23/2012	Felipe Castro	10/23/2012	Ronnie S. Dhaliwal	10/26/2012
Name	Execution Date								
Steven M. Casey	10/23/2012								
Felipe Castro	10/23/2012								
Ronnie S. Dhaliwal	10/26/2012								
RECEIVING PARTY DATA									
Name:	CenturyLink Intellectual Property LLC								
Street Address:	1801 California Street, Suite 900								
City:	Denver								
State/Country:	COLORADO								
Postal Code:	80202								
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>13622168</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13622168				
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Application Number:	13622168								
CORRESPONDENCE DATA									
Fax Number:	3032680065								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	303-268-0066								
Email:	jslate@sbiplaw.com								
Correspondent Name:	Swanson & Bratschun, L.L.C.								
Address Line 1:	8210 Southpark Terrace								
Address Line 4:	Littleton, COLORADO 80120								
ATTORNEY DOCKET NUMBER:	0438.020370-002900US								
NAME OF SUBMITTER:	Chad E. King, Attorney of Record #44187								
Total Attachments: 2 source=Assignment_executed_combined_020370-002900US#page1.tif source=Assignment_executed_combined_020370-002900US#page2.tif									

CH \$40.00 13622168

PATENT

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled, **Metadata System for Real-Time Updates to Electronic Program Guides** for which an application for United States Letters Patent was filed on **September 18, 2012** as Application Serial No. **13/622,168**, and

WHEREAS, **CenturyLink Intellectual Property LLC, a Delaware Corporation** ("Assignee") having a place of business at **1801 California Street, Suite 900, Denver, CO 80202**, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

Assignor hereby authorizes and requests Swanson and Bratschun, L.L.C. to insert herein above the application serial number and filing date of said application when known.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 10-23-12

Address:



Steven M. Casey
6265 W. Sumac Avenue
Littleton, CO 80123

Date: 10/23/12

Address:



Felipe Castro
1611 Daily Drive
Erie, CO 80516

Date: 10-26-2012

Ronnie Dhaliwal

Address:

Ronnie S. Dhaliwal
16218 E. Oakwood Drive
Centennial, CO 80016

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