

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3452252

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ASHISH AGARWAL	02/15/2011
RECEIVING PARTY DATA		
Name:	QWEST COMMUNICATIONS INTERNATIONAL INC.	
Street Address:	1801 CALIFORNIA STREET, SUITE 900	
City:	DENVER	
State/Country:	COLORADO	
Postal Code:	80202	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14804947
CORRESPONDENCE DATA		
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<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>		
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Correspondent Name:	SWANSON & BRATSCHUN, L.L.C.	
Address Line 1:	8210 SOUTHPARK TERRACE	
Address Line 4:	LITTLETON, COLORADO 80120	
ATTORNEY DOCKET NUMBER:	020370-020310US	
NAME OF SUBMITTER:	CHAD E. KING, #44,187	
SIGNATURE:	/Chad E. King/	
DATE SIGNED:	07/23/2015	
Total Attachments: 1		
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ASSIGNMENT

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **Providing Enhanced Wireline Services** for which an application for United States Letters Patent was filed on February 17, 2011 as Application Serial No. 13/029,711, and

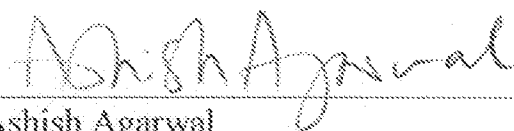
WHEREAS, **Qwest Communications International, Inc.**, a Delaware Corporation ("Assignee") having a place of business **1801 California Street, Suite 900, Denver, Colorado 80202**, desires to acquire all right, title and interest in and to the above identified invention and application;

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: Feb 15th 2011



Address:

Ashish Agarwal
718 Timothy Dr.
Longmont, CO 80503

STATE OF _____)

COUNTY OF _____)

ss.

The foregoing instrument was acknowledged before me this _____ day of _____, 2011, by Ashish Agarwal

Witness my hand and official seal.

My commission expires: _____

Notary Public