

**PATENT ASSIGNMENT**

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Tammy S. Brown	01/02/2003
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Qwest Communications International Inc.
<b>Street Address:</b>	Law Department
<b>Internal Address:</b>	1801 California Street, Suite 3800
<b>City:</b>	Denver
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80202-2658
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	12394893
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)571-4321
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	3035714000
<b>Email:</b>	ssoares@townsend.com
<b>Correspondent Name:</b>	Tadd F. Wilson
<b>Address Line 1:</b>	Townsend and Townsend and Crew LLP
<b>Address Line 2:</b>	Two Embarcadero Street, Eighth Floor
<b>Address Line 4:</b>	San Francisco, CALIFORNIA 94111
<b>ATTORNEY DOCKET NUMBER:</b>	020366-087011US
<b>NAME OF SUBMITTER:</b>	Tadd F. Wilson
<b>Total Attachments: 1</b> source=Assn#page1.tif	

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ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Tammy S. Brown of 8077 S. Dover Street, Littleton, CO 80128 hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SYSTEMS AND METHODS FOR CREATING NETWORK ARCHITECTURE PLANNING TOOLS

Date(s) of execution of Declaration: January 21, 2003

Filing Date: October 30, 2002

*QJ*  
*10/11/04*  
*DeLuca*

Application No.: 10/286,258; and

*QJ* *10/11/04*

WHEREAS, Qwest Communications International Inc. (~~Patent Prosecution~~), a corporation of the state of Colorado, located at Law Department, 1801 California Street, Suite 3800, Denver, CO, 80202-2658, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignor has signed his/her name on the date indicated.

Dated: 1/21/03

*T S B*  
Tammy S. Brown

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