Attorney Docket No. 020366-088400US

Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERC				
	United States Patent and Trademark Offi				
PATENTS ONLY					
To the Director of the U.S. Patent and Trademark Office: Please	se record the attached documents or the new address(es) below.				
Name of conveying party(ies)/Execution Date(s): Lee T. Cuckson and Chad Swierczek	2. Name and address of receiving party(ies) Name: Qwest Communications International Inc.				
Execution 05/09/03 (Cuckson); Date(s) 05/09/03 (Swierczek)	Internal Address:				
Additional name(s) of conveying party(ies) attached? Yes N					
3. Nature of conveyance:	·				
Assignment Merger	City: Denver				
Security Agreement Change of Name Government Interest Assignment	State: CO				
Executive Order 9424, Confirmatory License	Country: US Zip: 80202-2658				
Record to correct Assignee's name on an Assignment document Other previously recorded	Additional name(s) & address(es) attached? Yes No				
on Reel 014077 / Frame 0619					
Information provided on the new cover sheet is true and correct and that any copy submitted is a true copy of the original document					
4. Application or patent number(s):	document is being filed together with a new application.				
A. Patent Application No.(s)	B. Patent No.(s)				
10/404,790	= 1 2.5.1(10.(0)				
Additional numbers atta	ched? Yes No				
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: Darin J. Gibby	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address:	Authorized to be charged by credit card				
TOWNSEND AND TOWNSEND AND CREW LLP	Authorized to be charged to deposit account				
Street Address: Two Embarcadero Center,	Enclosed Enclosed				
Eighth Floor	None required (government interest not affecting title)				
City: San Francisco	8. Payment Information				
State: California Zip: 94111-3834	a. Credit Card Last 4 numbers				
Phone Number: (415) 576-0200	Expiration Date				
Fax Number: 415) 576-0300	b. Deposit Account Number 20-1430				
. Signature:	Authorized User Name Darin J. Gibby				
Signature	Date				
Darin J. Gibby Name of Person Signing Atty. Reg. No. 38	Total number of pages lockeding course				
Name of Person Signing Atty. Reg. No. 38	,464 sheet, attachments, and documents:				

05-21-2003

Attorney Docket No. 020366-088400US

Form PTO-1595 (Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2002)	i degli (kal lakir koji sidak kuli kagi i	neet	U.S. Dep	artment of Commer and Trademark Offi	
Tab settings ⟩ ⟩ ∀	_→ 102 4 5289	·	_		
To the Honorable Commiss 1. Name of conveying party(ies): Lee T. Cuckson	sioner of Patents and Trademarks	2. Name and address (of receiving party(ies)		
Additional name(s) of conveying party(ies 3. Nature of conveyance;) attached? ⊠ Yes □ No.	(Patent Prosecut	ommunications Int tion)	ernational Inc	
	☐ Merger	Street Address: 180	11 California Strae	.4	
☐ Security Agreement	Change of Name	Street Address: 1801 California Street			
Other:		City: Denver	State: CO	ZIP: 80202	
		Additional name(s) and	address(es) attached	? ☐ Yes ☒ No	
Execution Date: May 9, 2003					
Application number(s) or patent nu	ımber(s):				
If this document is being filed toge		e execution date of the ap	plication is:		
A. Patent Application No(s): 10)/404,790	B. Patent No(s):		3 TS	
	Additional numbers atta	 sched? ☐ Yes ⊠ No	ეე:		
Name and address of party to who concerning document should be re	om correspondence	6. Total number of applic	cations and patents in	<u> </u>	
Name: Irvin E. Branch TOWNSEND AND TOWNSE Two Embarcadero Center, 8 ^o	ND AND CREW LLP	7. Total fee (37 CFR 3.4	1);\$	10.00	
San Francisco, California 94111-3834 (303) 571-4000 [Denver]		☐ Authorized to be charged to deposit account			
		8. Deposit account numb	per: 20 1420		
				-11	
		(Attach duplicate copy of this	page ii paying by depos	at account)	
Statement and signature.	DO NOT USE	THIS SPACE	<u> </u>		
To the best of my knowledge and is a true copy of the original docum	belief, the foregoing information	on is true and correct and a	any attached copy		
	1 5				
Irvin E. Branch	<u> </u>				
Name of Person Signing Atty. Reg. No. 42,358	sı ~	gnature	Date		
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PATENT

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''Recordation Form Cover Sheet
Patents Only
Page 2

Additional name(s) of conveying party(les);
 (Continued from Page 1)

<u>NAME</u>

EXECUTION DATE

Chad Swierczek

May 9, 2003

- Additional name(s) and address(es) of receiving party(ies);
 (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

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MAY 1 3 2003

Attorney Docket No.: 020366-088400

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Lee T. Cuckson of 9951 S. Prairie Falcon Lane, Highlands Ranch, CO 80130; Chad Swierczek of 10063 S. Heywood Street, Highlands Ranch, CO 80130 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent;

Title of Invention:

SYSTEMS AND METHODS FOR CLEARING

TELEPHONE NUMBER PORTING ASSIGNMENTS EN

MASSE

Date(s) of execution of Declaration: March 31, 2003

Filing Date:

March 31, 2003

Application No.:

10/404,790; and

Onlaws WHEREAS, Qwest Communications International Inc. (Patent Prosecution), a corporation of the state of Golorado, located at Law Department, 1801 California Street, 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 Assignors, Assignors have assigned, and by these presents do 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 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 Assignors 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.

Assignors further agree that they 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 patent 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.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

DE 7101955 vl

Lee T. Cuckson

Chad Swikrczek

> PATENT REEL: 015195 FRAME: 0646

RECORDED: 09/28/2004