

Form PTO-1595
(Rev. 10-02)
OMB No. 0651-0027 (exp. 5/31/2002)



et

U.S. Department of Commerce
U.S. Patent and Trademark Office

102485702

Tab settings ⇨⇨⇨ ▼

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):
Bruce A. Phillips, Steven M. Casey, Kurt A. Campbell, Donald Brodigan
Additional name(s) of conveying party(ies) attached? Yes No.

2. Name and address of receiving party(ies)
Name: Qwest Communications International Inc
Internal Address:
Street Address: 1801 California Street, Suite 3800
City: Denver State: CO ZIP: 80202-2658

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Additional name(s) and address(es) attached? Yes No

Execution Date: March 13, 2003; March 11, 2003; March 14, 2003; March 11, 2003

4. Application number(s) or patent number(s): 10/377,584
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s): 10/377,584 filed February 27, 2003
Additional numbers attached? Yes No

B. Patent No(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Douglas M. Hamilton
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(303) 571-4000 (Denver office)

6. Total number of applications and patents involved 1
7. Total fee (37 CFR 3.41): -----\$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 20-1430
(Attach duplicate copy of this page if paying by deposit account)

06/30/2003 ECDOPER 00000020 201430 10377584
01 FC#8021 40.00 DA

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Douglas M. Hamilton
Name of Person Signing
Atty. Reg. No. 47,629

Signature

June 23, 2003
Date

Total number of pages including cover sheet, attachments and documents: 4

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-14501 .DE 7107651 v1

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Bruce A. Phillips of 1342 Washburn Street, Erie, CO 80516; Steven M. Casey of 6265 West Sumac Avenue, Littleton, CO 80123; Kurt A. Campbell of 101 Sandler Drive, Lafayette, CO 70026; and Donald Brodigan of 6281 West 110th Avenue, Broomfield, CO 80020 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 DELIVERING
 PICTURE-IN-PICTURE SIGNALS AT DIVERSE
 COMPRESSIONS AND BANDWIDTHS

Filing Date: February 27, 2003

Application No.: 10/377,584 ; and

WHEREAS, Qwest Communications International Inc., a corporation of the state of Colorado, located at 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;

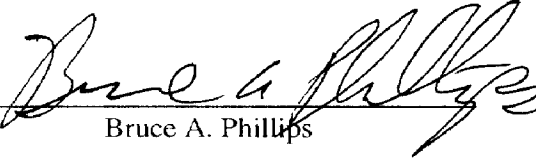
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial 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.

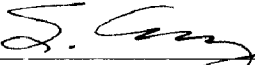
Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

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

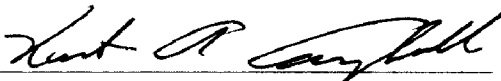
Dated: 03-13-03


Bruce A. Phillips

Dated: 03-11-03


Steven M. Casey

Dated: 03-14-03


Kurt A. Campbell

Dated: 03-11-2003


Donald Brodigan

DE 7097647 v1