

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

(Modified)

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To the Honorable Commissioner of Patent

101385028

1 original documents or copy thereof.

1. Name of conveying party(ies):
 John T. Pugaczewski;
 Jeffrey T. Kays;
 Nicholas P. Chantiloupe

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: U S WEST, Inc.

Internal Address: Law Department

Street Address: 1801 California Street
Suite 5100

City: Denver State: CO Zip: 80202

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: 5/18/2000; 5/18/2000; and 5/18/2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/470,201

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Peter J. Kinsella

Address: U S WEST, Inc.
Law Department, 1801 California Street, Suite 5100

City: Denver State: CO ZIP: 80202

6. Total number of applications and patents involved: One

7. Total Fee (37 C.F.R. § 3.41) \$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: U S West Acct. No. 21-0456

(Attach duplicate copy of this page if paying by Deposit Account)

06/19/2000 ASCOTT 00000143 210456 09470201 DO NOT USE THIS SPACE

01 FC-581 40.00 BH

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.

Jeremy J. Curcuri Signature May 24, 2000
 Name of Person Signing Date

Total number of pages including cover sheet, attachments, and document: Three

Mail documents to be recorded with required cover sheet information to:
 Box Assignments, Hon. Commissioner of Patents and Trademarks
 Washington, D.C. 20231

PATENT
REEL: 010855 FRAME: 0833

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, we, John T. Pugaczewski residing at 1997 Campbell Circle, White Bear Lake, Minnesota 55110, Jeffrey T. Kays residing at 13986 Quince Street N.W., Andover, Minnesota 55304, and Nicholas P. Chantiloupe residing at 4501 Park Glen Road, #304, St. Louis Park, Minnesota 55416, do hereby assign, sell and set over to U S WEST, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a place of business at 1801 California Street, Denver, Colorado 80202, U.S.A., hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in

NETWORK MANAGEMENT SYSTEM AND GRAPHICAL USER INTERFACE

set forth in the application for United States Patent, Serial No. 09/470,201, filed December 21, 1999, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Patents for said inventions and discoveries in any and all foreign countries in its or their own name or names, or in our names, at its or their election, and we hereby assign, sell and set over to said ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority in and to said inventions and discoveries in all countries.

And we hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform any and all acts which said ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over.

And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.



 John T. Pugaczewski



 Jeffrey T. Kays



 Nicholas P. Chantiloupe

STATE OF MINNESOTA)
) SS.
COUNTY OF ANOKA)



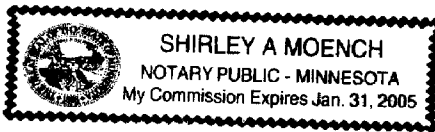
On this 18TH day of MAY, 192000, personally appeared before me John T. Pugaczewski, to me known to be the person named in and who executed the above instrument, and acknowledged that he/she executed the same for the uses and purposes therein mentioned.

(SEAL)



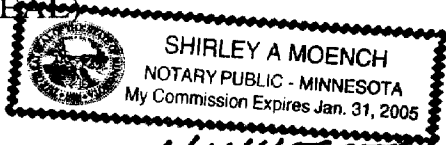
Shirley A. Moench
Notary Public
My Commission expires: 1/31/2005

STATE OF MINNESOTA)
) SS.
COUNTY OF ANOKA)



On this 18TH day of MAY, 192000, personally appeared before me Jeffrey T. Kays, to me known to be the person named in and who executed the above instrument, and acknowledged that he/she executed the same for the uses and purposes therein mentioned.

(SEAL)



Shirley A. Moench
Notary Public
My Commission expires: 1/31/2005

STATE OF MINNESOTA)
) SS.
COUNTY OF ANOKA)

On this 18TH day of MAY, 192000, personally appeared before me Nicholas P. Chantiloupe, to me known to be the person named in and who executed the above instrument, and acknowledged that he/she executed the same for the uses and purposes therein mentioned.



(SEAL)

Shirley A. Moench
Notary Public
My Commission expires: 1/31/2005