

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee's name from Quest Communications International Inc. to Qwest Communications International Inc. previously recorded on Reel 011849 Frame 0342. Assignor(s) hereby confirms the Assignee's name is Qwest Communications International Inc..								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gregory Bruening</td><td>05/09/2001</td></tr><tr><td>Marcus Roman</td><td>04/30/2001</td></tr><tr><td>Don Gillespie</td><td>05/14/2001</td></tr></tbody></table>		Name	Execution Date	Gregory Bruening	05/09/2001	Marcus Roman	04/30/2001	Don Gillespie	05/14/2001
Name	Execution Date								
Gregory Bruening	05/09/2001								
Marcus Roman	04/30/2001								
Don Gillespie	05/14/2001								
RECEIVING PARTY DATA									
Name:	Qwest Communications International Inc.								
Street Address:	1801 California Street, 38th Floor								
City:	Denver								
State/Country:	COLORADO								
Postal Code:	80202								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>09785864</td></tr></tbody></table>		Property Type	Number	Application Number:	09785864				
Property Type	Number								
Application Number:	09785864								
CORRESPONDENCE DATA									
Fax Number:	(415)576-0300								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	303-571-4000								
Email:	gbranch@townsend.com								
Correspondent Name:	Irvin E. Branch								
Address Line 1:	Townsend and Townsend and Crew LLP								
Address Line 2:	Two Embarcadero Center, Eighth Floor								
Address Line 4:	San Francisco, CALIFORNIA 94111-3834								
ATTORNEY DOCKET NUMBER:	020366-074900US								
NAME OF SUBMITTER:	Irvin E. Branch								

CH \$40.00 09785864

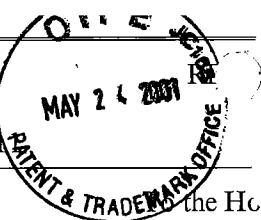
PATENT

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REEL: 018930 FRAME: 0563

Total Attachments: 7

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09-04-2001



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

2 \$

the Hc.
Please record the attached original documents or copy thereof

101841383

ademarks:

S. 24.01

1. Name of Conveying Party(ies):

Gregory Bruening
Marcus Roman
Don Gillespie

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

2. Name and address of receiving party(ies)

Name: Quest Communications International Inc.

Internal Address: Law Department-Intellectual Property Group

Street Address: 1801 California Street, 38th Floor

City: Denver State: CO Zip: 80202

Additional name(s) & address(es) attached: ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agt. ☐ Change of Name
☐ Other _____

Execution Date: 5/9/01, 4/30/01 & 5/14/01

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

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

A. Patent Application No.(s)

B. Patent No(s).

09/785,864

Additional numbers attached: ☐ Yes ☒ No

405

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

Name: David Halvorson

Address: Qwest Communications International Inc.

Law Department-Intellectual Property Group, 1801 California Street, 38th Floor

City: Denver State: CO Zip: 80202

6. Total no. 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:

Qwest Acct. No. 21-0456

(Attach duplicate copy of this page if paying by deposit account)

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.*

John E. Carlson, Reg. 37,794
Name of Person Signing

Signature

Date

5/22/01

Total number of pages including cover sheet, attachments and document: 5

ASSIGNMENT
(Joint Inventors)

WHEREAS, We, Gregory Bruening, Marcus Roman and Don Gillespie (hereinafter referred to as Assignors), residing respectively at 4732 Kelso Road, Boulder, CO 80301; 131 Skyview Ct., Louisville, CO 80027; and 3807 Silver Plume Circle, Boulder, Colorado 80303 have invented new and useful improvements in:

**IMPLEMENTING FEATURE INTERACTIONS BETWEEN AN AIN-BASED
SERVICE AND A SWITCH-BASED FORWARDING SERVICE**

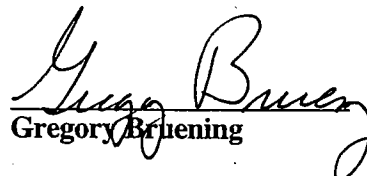
which is set forth in an application in the United States on February 16, 2001; Serial No. 09/785,864

AND WHEREAS, Qwest Communications International Inc. (referred to as Assignee), a Delaware Corporation having a place of business at 1801 California Street, 38th Floor, Denver, Colorado 80202, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

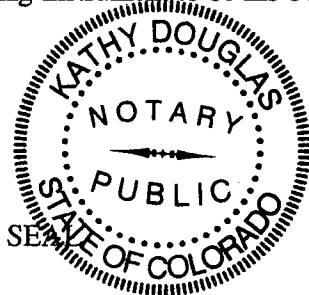
AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Boulder,
in the State of Colorado, on May 9 2001.


Gregory Bruening

STATE OF COLORADO)
)
COUNTY OF BOULDER)

Before me personally appeared said **Gregory Bruening** and acknowledged the
foregoing instrument to be his own free act and deed, on 5/09 2001.




Notary Public

MY COMMISSION EXPIRES 1/9/2005

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Boulder,
in the State of Colorado, on _____ 2001.

Marcus Roman

STATE OF COLORADO)
)
COUNTY OF BOULDER)

Before me personally appeared said **Marcus Roman** and acknowledged the foregoing
instrument to be their own free act and deed, on _____ 2001.

Notary Public

SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Boulder,
in the State of Colorado, on _____ 2001.

Gregory Bruening

STATE OF COLORADO)
)
COUNTY OF BOULDER)

Before me personally appeared said Gregory Bruening and acknowledged the
foregoing instrument to be his own free act and deed, on _____ 2001.

Notary Public

SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Boulder,
in the State of Colorado, on April 30 2001.



Marcus Roman

STATE OF COLORADO)
)
COUNTY OF BOULDER)

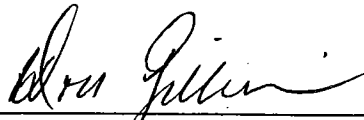
Before me personally appeared said Marcus Roman and acknowledged the foregoing
instrument to be their own free act and deed, on April 30 2001.



Teresa Mussett
Notary Public

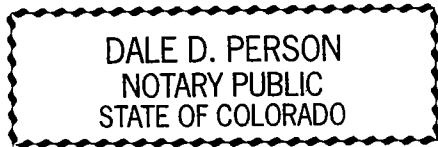
SEAL

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at Boulder,
in the State of Colorado, on May 14 2001.

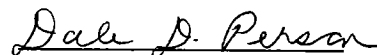

Don Gillespie

STATE OF COLORADO)
)
COUNTY OF Boulder)

Before me personally appeared said Don Gillespie and acknowledged the foregoing
instrument to be his own free act and deed, on May 14 2001.



My Commission Expires 3/15/2005


Notary Public

SEAL

Please address all correspondence and telephone calls and, upon recordation, please
return this document to:

Law Department
Qwest Communications International Inc.
1801 California Street
Suite 3800
Denver, Colorado 80202