

11-13-1998

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of Pa

100824725

are attached original documents or copy thereof.

1. Name of conveying party(ies):

U S WEST Advanced Technologies, Inc.

MKD 10-9-98

Additional names(s) of conveying party(ies) Yes No

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

Name: U S WEST, Inc.

Address: Law Department

Intellectual Property Group

Suite 480

7800 E. Orchard Road

City: Englewood State/Prov.: CO

Country: USA ZIP: 80111

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

40

Other Correct Assignment to add omitted

Application No. 09/027692

Execution Date:

4. Application number(s) or registration numbers(s):

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

Patent Application No.	Filing date
09/027692	02/23/98

B. Patent No.(s)

Additional numbers Yes No

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

Name: Stephen F. Jewett

Registration No. 27,565

Address: U S WEST, Inc.
Intellectual Property Law Group
Law Department
7800 E. Orchard Road
Suite 480

City: Englewood State/Prov.: CO

Country: USA ZIP: 80111

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

21-0456

DO NOT USE THIS SPACE

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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.

Stephen F. Jewett, Reg. No. 27,565

Stephen F. Jewett

10/5/98

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

PATENT 15

ROLL: 9387 FRAME: 0853

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To the Honorable Commissioner of I

RE

06-02-1998



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

29

Attached original documents or copy thereof

1. Name of conveying party(ies):

U S WEST Advanced Technologies, Inc.

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: May 27, 1998

2. Name and address of receiving party(ies)

Name: U S WEST, Inc.

Internal Address: Law Department

Intellectual Property Group

Suite 480

Street Address: 7800 E. Orchard Road

City: Englewood State: CO ZIP: 80111

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

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)

See attached page 2

B. Patent No.(s)

See attached page 3

Additional numbers attached? Yes No

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

Name: Stephen F. Jewett

Internal Address: U S WEST, Inc. Law Department

Intellectual Property Group

Suite 480

Street Address: 7800 E. Orchard Road

City: Englewood State: CO ZIP: 80111

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 2,040.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

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.

Stephen F. Jewett
Name of Person Signing

May 28, 1998

Date

Reg. No. 27,565

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

07073997
06/01/1998
01 FC:801

RECORDATION FORM COVER SHEET (PATENTS ONLY)

Continuation of Item 4.A. (Patent Application Numbers and Filing Dates)

Patent Application Number	Filing Date
07/073997	06/09/93
07/957409	10/05/92
07/977982	11/18/92
07/999317	12/31/92
08/015756	02/10/93
should be 09/02/92 → 08/040740	02/23/98
08/040740	03/31/93
08/088696	07/08/93
08/088708	07/08/93
08/497721	06/30/95
08/541388	10/10/95
08/541713	10/10/95
08/582680	01/04/96
08/717982	09/23/96
08/977694	11/25/97

1104^e Continuation Application of 1104
1104

RECORDATION FORM COVER SHEET (PATENTS ONLY)

Continuation of Item 4.B. (Patent Numbers)

Patent Number

4818051
5165008
5218627
5218649
5222080
5255346
5276679
5313280
5323444
5355401
5379337
5388185
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5515367
5550971
5553223
5559858
5572573
5592540
5633912
5664002
5727058
5757899
DES 351594

Exhibit A
U.S. Patents
U S WEST Advanced Technologies, Inc.

Patent Number	Issue Date	Title	Case No.
4818051	04/04/89	OPTICAL BUS	1009
5165008	11/17/92	SPEECH SYNTHESIS USING PERCEPTUAL LINEAR PREDICTION PARAMETERS	1070
5218627	06/08/93	DECENTRALIZED VIDEO TELECOMMUNICATION SYSTEM	1047
5218649	06/08/93	IMAGE ENHANCEMENT SYSTEM	1033
5222080	06/22/93	METHOD AND APPARATUS FOR SIGNAL RECONSTRUCTION	1048
5255346	10/19/93	METHOD AND APPARATUS FOR DESIGN OF A VECTOR QUANTIZER	1026
5276679	01/04/94	METHOD FOR MAINTAINING CHANNELS AND A SUBSCRIBER STATION FOR USE IN AN ISDN SYSTEM	1075
5313280	05/17/94	METHOD AND APPARATUS FOR TESTING CODEC DEVICES	1086
5323444	06/21/94	EMERGENCY CALL SYSTEM WITH CALL CAPACITY/LAST CHANCE ROUTING FEATURE	1067
5355401	10/11/94	METHOD AND APPARATUS FOR PROVIDING TELEPHONY POWER THROUGH A COAXIAL CABLE NETWORK	1126
5379337	01/03/95	METHOD AND SYSTEM FOR PROVIDING EMERGENCY CALL SERVICE	1062
5388185	02/07/95	SYSTEM FOR ADAPTIVE PROCESSING OF TELEPHONE VOICE SIGNALS	1045

Exhibit A
U.S. Patents
U S WEST Advanced Technologies, Inc.

Patent Number	Issue Date	Title	Case No.
5425077	06/13/95	MOBILE TELEPHONE USER INTERFACE INCLUDING FIXED AND DYNAMIC FUNCTION KEYS AND METHOD OF USING THE SAME	1084
5440335	08/08/95	METHOD AND APPARATUS FOR DELIVERING PASSBAND AND TELEPHONY SIGNALS IN A COAXIAL CABLE NETWORK	1125
5442456	08/15/95	METHOD AND APPARATUS FOR MULTI-LEVEL NAVIGABLE VIDEO ENVIRONMENT	1096C
5448631	09/05/95	APPARATUS FOR HANDLING FEATURES IN A TELEPHONE NETWORK	1071
5450317	09/12/95	METHOD AND SYSTEM FOR OPTIMIZED LOGISTICS PLANNING	1131
5450488	09/12/95	MULTIPLE SERVICE VOICE MESSAGING SYSTEM	1072C3
5452340	09/19/95	METHOD OF VOICE ACTIVATED TELEPHONE DIALING	1101
5457738	10/10/95	METHOD AND SYSTEM FOR SEARCHING AN ON-LINE DIRECTORY AT A TELEPHONE SYSTEM	1102C2
5467384	11/14/95	METHOD AND APPARATUS FOR PROVIDING POWER TO A COAXIAL CABLE NETWORK	1126CIP
5469495	11/21/95	METHOD AND APPARATUS FOR DELIVERING SECURED TELEPHONY SERVICE IN HYBRID COAXIAL CABLE NETWORK	1112C
5475615	12/12/95	METHOD AND SYSTEM FOR SIZING INTERACTIVE VIDEO DELIVERY SYSTEMS	1124
5479495	12/26/95	METHOD AND SYSTEM FOR AUTOMATICALLY ACCESSING AND INVOKING SWITCH-BASED SERVICES IN AN ADVANCED INTELLIGENT NETWORK	1127

Exhibit A
U.S. Patents
U S WEST Advanced Technologies, Inc.

Patent Number	Issue Date	Title	Case No.
5508999	04/16/96	METHOD AND SYSTEM FOR DESIGNING LEAST COST LOCAL ACCESS NETWORKS	1129
5515367	05/07/96	METHOD AND SYSTEM FOR PLANNING AND INSTALLING COMMUNICATION NETWORKS	1130
5550971	08/27/96	METHOD AND SYSTEM FOR GENERATING A USER INTERFACE ADAPTABLE TO VARIOUS DATABASE MANAGEMENT SYSTEMS	1107CIP
5553223	09/03/96	METHOD AND SYSTEM OF SELECTIVELY TRANSMITTING DISPLAY FORMATS AND DATA BETWEEN A HOST COMPUTER AND AN INTELLIGENT TERMINAL	1055C
5559858	09/24/96	METHOD AND APPARATUS FOR DELIVERING SECURED TELEPHONY SERVICE IN HYBRID COAXIAL CABLE NETWORK	1112C2
5572573	11/05/96	REMOVABLE USER INTERFACE FOR USE WITH INTERACTIVE ELECTRONIC DEVICES	1098
5592540	01/07/97	METHOD AND APPARATUS FOR SELECTIVELY DELIVERING TELEPHONY SIGNALS ON A HYBRID COAXIAL CABLE	1123C
5633912	05/27/97	USER INTERFACE FOR MOBILE TELEPHONES AND METHOD OF USING THE SAME	1084C2
5664002	09/02/97	METHOD AND APPARATUS FOR PROVIDING POWER TO A COAXIAL CABLE NETWORK	1126CIPC
5727058	03/10/98	APPARATUS AND METHOD FOR ROUTING COMMUNICATIONS TO A VARIETY OF CPE DEVICES	1108C
5757899	05/26/98	CALL SCREENING USING SUBSCRIBER SPECIFIED TIMERS AND SCHEDULES	1188C2
DES 351594	10/18/94	MOBLIE TELEPHONE HANDSET	1084DES

Exhibit B
U.S. Patent Applications
U S WEST Advanced Technologies, Inc.

Serial Number	Filing Date	Title	Case No.
07/073997	06/09/93	APPARATUS FOR IMPROVING EYE CONTACT IN TELECONFERENCING	1046C
07/957409	10/05/92	VOICE RECOGNITION SYSTEM	1058
07/977982	11/18/92	APPARATUS FOR ELECTRONICALLY GENERATING FORMS	1061
07/999317	12/31/92	DIGITAL COMMUNICATION SYSTEM	1079
08/015756	02/10/93	COMPUTER NETWORK-BASED FACSIMILE RECEPTION SYSTEM	1090
08/040740	02/23/98	METHOD AND SYSTEM FOR DELIVERING AUDIO VIDEO INFORMATION	1104C
08/040740	03/31/93	METHOD AND SYSTEM FOR DELIVERING AUDIO AND VIDEO INFORMATION	1104
08/088696	07/08/93	SYSTEM AND METHOD FOR SELECTIVELY RETRIEVING COMMUNICATIONS FROM ANY SELECTED LOCATIONS	1115
08/088708	07/08/93	SYSTEM AND METHOD FOR AUTOMATICALLY DISTRIBUTING COMMUNICATIONS TO SELECTED LOCATIONS	1114
08/497721	06/30/95	SYSTEM AND METHOD FOR CALL HANDLING	1237
08/541388	10/10/95	SYSTEM FOR USING A DIALOG SESSION CONTEXT TO PROCESS ELECTRONIC FORMS DATA ON THE WORLD WIDE WEB	1238
08/541713	10/10/95	AUTOMATED SYSTEM AND METHOD FOR CALL HANDLING	1110C
08/582680	01/04/96	METHOD FOR MAINTAINING CHANNELS AND A SUBSCRIBER STATION FOR USE IN AN ISDN SYSTEM	1075RE

Exhibit B
U.S. Patent Applications
U S WEST Advanced Technologies, Inc.

Serial Number	Filing Date	Title	Case No.
08/717982	09/23/96	METHOD AND APPARATUS FOR DELIVERING SECURED TELEPHONY SERVICE IN HYBRID COAXIAL CABLE NETWORK	1112C3
08/977694	11/25/97	METHOD AND INSTRUCTIONS FOR FAX MAIL USER INTERFACE	1083C

PATENT ASSIGNMENT

WHEREAS, U S WEST Advanced Technologies, Inc., a Colorado corporation having its principal place of business at 4001 Discovery Drive, Boulder, Colorado 80303 is the owner of United States Patents listed in Exhibit A attached hereto and the United States Patent Applications listed in Exhibit B attached hereto.

WHEREAS, U S WEST, Inc., a Delaware corporation having its principal place of business at 7800 East Orchard Road, Englewood, Colorado 80111, is desirous of acquiring the entire right, title, and interest to the above-referenced patents and patent applications, and to any foreign patents and patent applications corresponding thereto or relying thereon for their filing or convention date.

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, U S WEST Advanced Technologies, Inc. hereby sells, assigns, and transfers to U S WEST, Inc. the entire right, title and interest in and to the above-referenced U.S. patents and patent applications (including the right to bring suit for past infringement), and any and all foreign patents and patent applications corresponding thereto or relying thereon for their filing or convention date; the same to be held and enjoyed by U S WEST, Inc., its successors and assigns, to the full end of the term for which patents or any re-issues or extensions thereof are or may be granted, as fully and entirely as the same would have been held and enjoyed by U S WEST Advanced Technologies, Inc. if this assignment and sale had not been made.

Executed on behalf of U S WEST Advanced Technologies, Inc. this 27th day of May, 1998.

U S WEST Advanced Technologies, Inc.

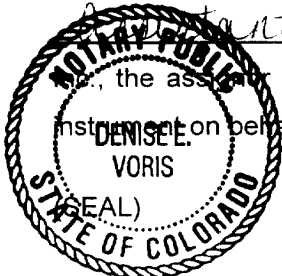
(CORPORATE SEAL)

By Glenda M. Hijar, Assistant Secretary

STATE OF COLORADO)
COUNTY OF Arapahoe) SS:

On this 27th day of May, 1998, personally appeared Glenda M. Hijar, Assistant Secretary of U S WEST Advanced Technologies,

the assignor above named, and acknowledged to me that (s)he executed the foregoing instrument on behalf of said assignor and pursuant to authority fully received.



Denise E. Voris, NOTARY PUBLIC

PATENT

REEL: 9387 FRAME: 0862