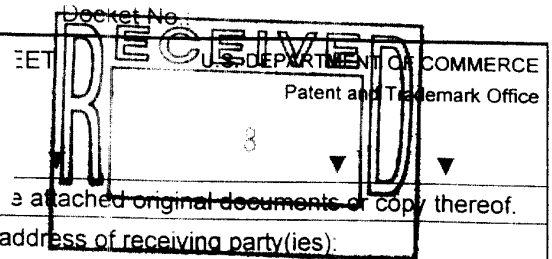


07-14-1998



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Tab settings → → → ▼ ▼
To the Honorable Commissioner of Pa

a attached original documents or copy thereof.

1. Name of conveying party(ies):
MediaOne Group, Inc.
Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: U S WEST, Inc.
Address: 1801 California Street
City: Denver State/Prov.: CO
Country: U.S.A. ZIP: 80202
Additional name(s) & address(es) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: June 12, 1998

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
See attached page 2
Additional numbers

B. Patent No.(s)
See attached page 3
 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. Law Department
Intellectual Property Group
7800 E. Orchard Road, Suite 480
City: Englewood State/Prov.: CO
Country: U.S.A. ZIP: 80111

6. Total number of applications and patents involved: 27
7. Total fee (37 CFR 3.41): \$ 1,080.00
 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

07/10/1998 SMITH 00000089 210456 08689402 DO NOT USE THIS SPACE

01 FC:581 1080.00 CH
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* July 7, 1998
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and 9

RECORDATION FORM COVER SHEET (PATENTS ONLY)

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

Patent Application Number	Filing Date
08/689402	08/08/96
08/694230	08/08/96
08/698489	08/15/96
08/778491	01/03/97
08/826615	04/04/97
08/900250	07/25/97
08/927747	09/11/97
08/940694	09/30/97
08/941118	09/30/97
08/958943	10/28/97
08/989805	12/12/97
08/992696	12/18/97
08/994060	12/19/97
08/998091	12/24/97
08/998393	12/24/97
09/054352	12/31/97
09/054352	04/02/98
09/064376	04/22/98
09/079898	05/15/98
29/080632	09/18/97

RECORDATION FORM COVER SHEET (PATENTS ONLY)

Continuation of Item 4.B. (Patent Numbers)

Patent Number
5450488
5570412
5581596
5745590
DES 385298
DES 385910
DES 390599

PATENT ASSIGNMENT

WHEREAS, MediaOne Group, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware (formerly known as U S WEST, Inc., a Delaware corporation and successor to U S WEST, Inc., a Colorado corporation) with offices at 188 Inverness Drive West, Englewood, Colorado 80112, is the owner of the entire right, title, and interest in, to and under the United States patents and patent applications listed on Exhibits A and B attached hereto and all foreign patents and patent applications corresponding thereto (the "Patents"), including the right to sue for past infringement.

WHEREAS, U S WEST, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware (formerly known as USW-C, Inc.), with offices at 1801 California Street, Denver, Colorado 80202, is desirous of acquiring the entire right, title and interest in, to and under the Patents, including the right to sue for past infringement.

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, MediaOne Group, Inc. hereby assigns, sells and transfers unto U S WEST, Inc. the entire right, title, and interest of MediaOne Group, Inc. in, to and under the Patents, to have and to hold for the use and enjoyment of U S WEST, Inc., including the right to sue for past infringement, and for the use and enjoyment of its successors and assigns, as fully and completely as the same would have been held by MediaOne Group, Inc. had this assignment and sale not been made.

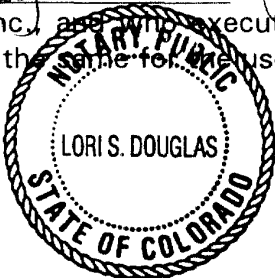
MediaOne Group, Inc.

U S WEST, Inc.

By: [Signature]
STATE OF Colorado)
COUNTY OF Arapahoe) ss.

By: [Signature]

On this 12th day of June, 1998, personally appeared before me Alan Lindoay, known to me to be Assistant Secretary + Corporate Counsel of MediaOne Group, Inc., and who executed the above instrument, and acknowledge that (s)he executed the same for the uses and purposes therein mentioned.



[Signature]
Notary
My Commission Expires:

m:\sjewett\public\agrm\frm\massolus.doc
06/11/98

My Commission Expires 11-25-2001

**Exhibit A
U.S. Patents
U S WEST**

Patent Number	Issue Date	Title	Case No.
5450488	09/12/95	MULTIPLE SERVICE VOICE MESSAGING SYSTEM	1072C3
5570412	10/29/96	SYSTEM AND METHOD FOR UPDATING A LOCATION DATABANK	1190
5581596	12/03/96	METHOD FOR CONTROLLING CALL PROCESSING IN A MICROCELLULAR PERSONAL COMMUNICATIONS SERVICES SYSTEM	1133
5745590	04/28/98	CLOSED LOOP MAIL PIECE PROCESSING METHOD	1311
DES 385298	10/21/97	BUSINESS PAPER	1292DES
DES 385910	11/04/97	BUSINESS PAPER	1306DES
DES 390599	02/10/98	BUSINESS PAPER	1292DESD

Exhibit B
U.S. Patent Applications
U S WEST

Serial Number	Filing Date	Title	Case No.
08/689402	08/08/96	BILL HAVING ONE OR MORE INFORMATION PANELS AND A PERPENDICULARLY ORIENTED REMITTANCE PANEL	1313
08/694230	08/08/96	DYNAMIC PAGE REDUCTION	1315
08/698489	08/15/96	SYSTEM AND METHOD FOR REGISTERING WIRELESS TELEPHONES TO SELECTED WIRELINES OF THE PUBLIC-SWITCHED TELEPHONE NETWORK	1164C
08/778491	01/03/97	SYSTEM AND METHOD FOR A WIRELINE-WIRELESS NETWORK INTERFACE	1336
08/826615	04/04/97	METHOD AND SYSTEM FOR DYNAMICALLY ASSIGNING FEATURES AND USERS TO WIRELINE INTERFACES	1342
08/900250	07/25/97	METHOD AND SYSTEM FOR PROVIDING WIRELESS COMMUNICATIONS TO A SUBSCRIBER OF A PRIVATE WIRELINE NETWORK	1371
08/927747	09/11/97	DEVICE FOR SUPPORTING MULTI-LINE CONFIGURATIONS IN A FIXED WIRELESS LOOP APPLICATION	1384
08/940694	09/30/97	METHOD AND SYSTEM FOR DETERMINING PATH LOSS ASSOCIATED WITH A PREDETERMINED CELL IN A MULTI-CELL ENVIRONMENT	1367
08/941118	09/30/97	METHOD AND SYSTEM FOR IDENTIFYING AND TRANSMITTING CALLING PARTY INFORMATION AS PART OF A PAGING SIGNAL	1387

Exhibit B
U.S. Patent Applications
U S WEST

Serial Number	Filing Date	Title	Case No.
08/958943	10/28/97	COMBINED ANGULAR, SPATIAL, AND TEMPORAL DIVERSITY FOR MOBILE RADIO SYSTEMS	1356
08/989805	12/12/97	METHOD AND SYSTEM FOR PROVIDING INTEGRATED WIRELINE/WIRELESS VOICE MESSAGING SERVICE	1358
08/992696	12/18/97	METHOD FOR SELECTING AN AMPLIFIER FOR USE IN A PERSONAL COMMUNICATION SERVICE BASE STATION	1473
08/994060	12/19/97	METHOD AND SYSTEM TO OPTIMIZE THE CAPACITY OF A CDMA CELLULAR COMMUNICATION SYSTEM	1334
08/998091	12/24/97	PERSONAL COMMUNICATION SYSTEM GEOGRAPHICAL TEST DATA CORRELATION	1465
08/998393	12/24/97	COMBINED SPACE AND POLARIZATION DIVERSITY ANTENNA	1463
09/054352	12/31/97	METHOD AND APPARATUS FOR TEMPORARILY DEACTIVATING A CALL INDICATOR	1420
09/054352	04/02/98	METHOD AND APPARATUS FOR TEMPORARILY DEACTIVATING A CALL INDICATOR	1420CIP
09/064376	04/22/98	METHOD AND SYSTEM FOR GENERATING INFORMATION-BEARING AUDIBLE TONES	1496

Exhibit B
U.S. Patent Applications
U S WEST

Serial Number	Filing Date	Title	Case No.
09/079898	05/15/98	A DATA NETWORK BASED COPIER	1471
29/080632	09/18/97	BUSINESS PAPER	1292DESC