

05-21-1999

U.S. Department of Commerce
Patent and Trademark OfficeRECORDATION
PATE

101043612

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

1. Name of conveying party(ies):

MCI WORLDCOM Advanced Networks LLC, a
Delaware LLC

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

Name: UUNET Technologies, Inc., a Delaware corporation

Internal Address:

Street Address: 3060 Williams Drive

City: Fairfax State: VA ZIP: 22031

5.18.99

Additional name(s) of conveying party(ies) attached?

Yes ___ No X

Additional name(s) & address(es) attached?

Yes ___ No X

3. Nature of conveyance:

Assignment ___

Merger X

Security Agreement ___

Change of Name ___

Other ___

Execution Date: April 1, 1999

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's declaration is: _____

A. Patent Application No(s):

08/820,450

09/240,978

B. Patent Nos:

5,528,454

5,541,925

5,678,010

5,619,559

Additional numbers attached: Yes ___ No X

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

Jeffrey S. Standley
Standley & Gilcrest, LLP
495 Metro Place South
Suite 210
Dublin, Ohio 43017-53156. Total number of applications and registrations involved: 67. Total fee (37 CFR 3.41) \$240.00X Enclosed (included in check covering the filing fee)

___ Authorized to be charged to Deposit Account

8. Deposit Account Number:

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

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.

Jeffrey S. Standley

Name of Person Signing

Signature

Date

5-14-99Total number of pages including cover sheet, attachments, and document: 4

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

05/20/1999 JS4ABAZZ 00000198 08820450

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240.00 00

Commissioner of Patents and Trademarks

Box Assignment

Washington, D.C. 20231

PATENT
REEL: 009950 FRAME: 0515

Mar-31-99 05:22P

MAR 31 1999 05:22PM

NATIONAL CORPORATE RECORDS, LLC

NO. 0000 1. 000

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*State of Delaware**Office of the Secretary of State* PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"MCI WORLDCOM ADVANCED NETWORKS LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "DUNET TECHNOLOGIES, INC." UNDER THE NAME OF "DUNET TECHNOLOGIES, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF MARCH, A.D. 1999, AT 1 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel
Edward J. Freel, Secretary of State

2230313 8100M

991126584

AUTHENTICATION: 9663120

DATE: 03-31-99

Mar-31-99 05:23P

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Mar 31, 1999 5:16PM

NATIONAL CORPORATE RESEARCH, LTD.

No. 0015 P. 5/4

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 01:00 PM 03/31/1999
991126584 - 2290219

CERTIFICATE OF MERGER**OF****MCI WORLDCOM ADVANCED NETWORKS LLC****AND****UUNET TECHNOLOGIES, INC.**

It is hereby certified that:

1. The constituent business entities participating in the merger herein certified are:

(i) MCI WORLDCOM Advanced Networks LLC, which is organized under the laws of the State of Delaware; and

(ii) UUNET Technologies, Inc., which is incorporated under the laws of the State of Delaware.

2. An Agreement of Merger has been approved, adopted, certified, executed, and acknowledged by each of the aforesaid constituent entities in accordance with the provisions of subsection (b) of Section 18-209 of the Delaware Limited Liability Company Law and in accordance with the provisions of subsection (c) of Section 264 of the Delaware General Corporation Law, to wit, by MCI WORLDCOM Advanced Networks LLC and by UUNET Technologies, Inc.

3. The name of the surviving corporation in the merger herein certified is UUNET Technologies, Inc., which will continue its existence as said surviving corporation under its present name upon the effective date of said merger pursuant to the provisions of the Delaware General Corporation Law.

4. The Certificate of Incorporation of UUNET Technologies, Inc., as now in force and effect, shall continue to be the Certificate of Incorporation of said surviving corporation until amended and changed pursuant to the provisions of the Delaware General Corporation Law.

5. The executed Agreement of Merger between the aforesaid constituent business entities is on file at the principal place of business of the aforesaid surviving corporation, the address of which is as follows: 3060 Williams Drive, Fairfax, VA 22031.

6. A copy of the aforesaid Agreement of Merger will be furnished by the aforesaid surviving corporation, on request, and without cost, to any stockholder of the Delaware corporation or any member of the extinguishing limited liability company.

7. The effective date of the merger is March 31, 1999 @ 11:59 P.M. Eastern Standard Time.

04/01/99 THU 11:36 FAX 601 355 9708

ADAMS and REESE-JACKSON

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Mar-31-99 05:23P

MAR 31 1999

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NATIONAL CORPORATE RESEARCH, LIE.

NO. 0015 P. 4/4

MAR-31-99 WED 02:44 PM NCR PH# 734-1450

FAX NO. 3027341478

P.03

Executed on this 30th day of March, 1999.

UNET Technologies, Inc.

By:

Mark F. Spagnolo

As:

President / CEO

Title of Authorized Officer