

05-21-1999

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PATENTS ONLY

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

1. Name of conveying party(ies):

CompuServe Network Services Incorporated, an Ohio
corporation

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

Name: WorldCom Advanced Networks Incorporated, an Ohio
corporation

Internal Address:

Street Address: 5000 Britton Road

City: Hilliard State: OH ZIP: 43026

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 ___

Security Agreement ___

Change of Name X

Other ___

Execution Date: July 31, 1998

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 X5. 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 JSHABAZZ 00000196 08820450

Commissioner of Patents and Trademarks

Box Assignment

Washington, D.C. 20231

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240.00 30


PATENT
REEL: 009950 FRAME: 0530

CERTIFICATE
OF
AMENDED ARTICLES OF INCORPORATION
OF
COMPUSERVE NETWORK SERVICES INCORPORATED

Peter Van Camp, who is the President and Russell P. Austin who is the Assistant Secretary of the above-named Ohio for profit corporation do hereby certify that in a writing signed by the sole shareholder of the corporation, the Amended Articles of Incorporation attached hereto as Exhibit A were adopted to supersede and take the place of the existing Amended Articles of Incorporation and all amendments thereto.

IN WITNESS WHEREOF, the above-named officers, acting for and on behalf of the corporation, have hereunto subscribed their names this 30th day of July, 1998.

By: 
Peter Van Camp, President

By: 
Russell P. Austin, Assistant Secretary

RECEIVED

JUL 31 1998

BOB TAFT
SECRETARY OF STATE

AMENDED ARTICLES OF INCORPORATION

FIRST: The name of the corporation shall be WorldCom Advanced Networks Incorporated.

SECOND: The place in Ohio where the principal office is to be located is the City of Hilliard, Franklin County.

THIRD: The purpose for which it is formed is to engage in any lawful act or activity for which corporations may be formed under Section 1701.01 to 1701.98, inclusive, of the Ohio Revised Code.

FOURTH: The maximum number of shares which the corporation is authorized to have outstanding is 750, all of which shall be common shares without par value.

FIFTH: The board of directors may fix and determine, and vary, the amount of working capital of the corporation, determine whether any (and if any, what part) of the surplus, however created or arising, shall be used or disposed of or declared in dividends or paid to shareholders, and, without action by the shareholders, use and apply such surplus, or any part thereof, or such part of the stated capital of the corporation as is permitted under the laws of the State of Ohio, at any time or from time to time, in the purchase or acquisition of shares of any class, voting-trust certificates for shares, bonds, debentures, notes, scripts, warrants, obligations, evidence of indebtedness of the corporation, or other securities of the corporation, to such extent or amount and in such manner and upon such terms as the board of directors shall deem expedient.

SIXTH: Every statute of the State of Ohio hereafter enacted, whereby rights or privileges of shareholders of a corporation organized under the General Corporation Law of said state are increased, diminished, or in any way affected, or whereby effect is given to any action authorized, ratified, or approved by less than all the shareholders of any such corporation, shall

apply to the corporation and shall bind every shareholder to the same extent as if such statute had been in force at the date of the filing of these Amended Articles of Incorporation.

SEVENTH: These Amended Articles of Incorporation supersede and take the place of the existing Amended Articles of Incorporation as heretofore amended.

[1048.DOC]