

MRD 10/26/99

10-28-1999

Docket No. 99,028

FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101183612

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

1. Name of conveying party(ies): 990-1183612
 Andrew L. Norrell
 Dale M. Walsh
 William Kurt Dobson
 Richard G. C. Williams
 John Rosenlof

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

2. Name and address of receiving party(ies)

Name: 3Com Corporation

Address: 5400 Bayfront Plaza

City: Santa Clara State: California

Country: U.S.A. Zip: 95052

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: July, 2, 1999, August 16, 1999, September 3, 1999, and October 8, 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 is:

A. Patent Application No.(s)	Filing Date	B. Patent No.(s)
<u>09/322,888</u>	<u>May 29, 1999</u>	

Additional numbers attached? Yes No

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

Name: James M. McCarthy

Registration No.: 39,296

Company Name: McDonnell, Boehnen, Hulbert & Berghoff

Street Address: 300 South Wacker Drive - 32nd Floor

City: Chicago State: Illinois

Country: U.S.A. ZIP: 60606

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$40.00

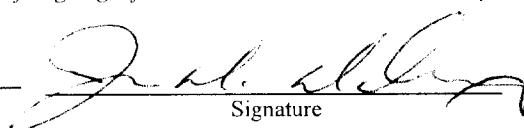
Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 13-2490

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.

James M. McCarthy  Date: October 22, 1999

Printed Name of Person Signing Signature

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

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

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

10/27/1999 DMGUYEN 00000273 09322888

01 FC:581

40.00 DP

PATENT
REEL: 010333 FRAME: 0310

ASSIGNMENT

Case No. : 99,028
Inventors: Andrew L. Norrell, Dale M. Walsh, William Kurt Dobson,
Richard G. C. Williams, John Rosenlof

Serial No. : 09/322,888

Date of Execution
of Application: 8-16-99, 9-3-99, 10-5-99, and 10-8-99

Filing Date: May 29, 1999

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

3Com Corporation, a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

PACKET MODULATION FOR DSL

and identified as:

Case No. 99,028

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the

said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 2nd day of July, 1999.

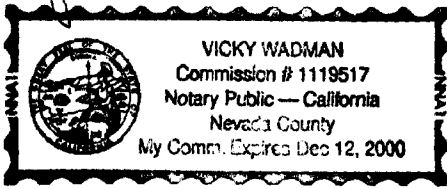
Andrew L. Norrell
Andrew L. Norrell

State of California

County of Nevada

The foregoing instrument was acknowledged before me this 2nd day of

July, 1999 by Andrew L. Norrell.



Vicky Wadman
NOTARY PUBLIC

WITNESS my hand and seal this ___ day of _____, 1999.

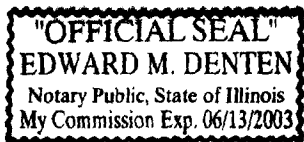
Dale M. Walsh
Dale M. Walsh

State of IL

County of Cook

The foregoing instrument was acknowledged before me this 16 day of

August, 1999 by Dale M. Walsh



Edward M. Denten
NOTARY PUBLIC

WITNESS my hand and seal this 3rd day of Sept., 1999.

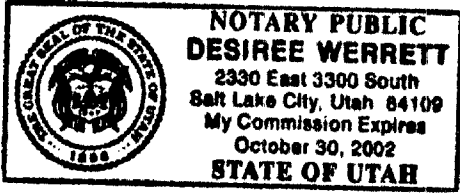
William Kurt Dobson
William Kurt Dobson

State of Utah

County of Salt Lake

The foregoing instrument was acknowledged before me this 3 day of September, 1999 by William Kurt Dobson.

Desiree Werrett
NOTARY PUBLIC



WITNESS my hand and seal this 8 day of Oct., 1999.

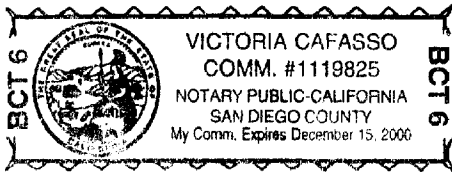
Richard G. C. Williams
Richard G. C. Williams

State of California

County of San Diego

The foregoing instrument was acknowledged before me this 8 day of October, 1999 by Richard G. C. Williams.

Victoria Cafasso
NOTARY PUBLIC



WITNESS my hand and seal this 8 day of Oct, 1999.

John Rosenlof
John Rosenlof

State of California

County of San Diego

The foregoing instrument was acknowledged before me this 8 day of October, 1999 by John Rosenlof.

Victoria Cafasso
NOTARY PUBLIC

