

08-17-1998

Attorney Docket No. 009764-0084

FORM PTO-1595  
(Rev. 6-93)

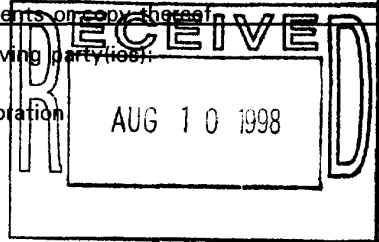


U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

100794961

To the Honorable Asst. Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231. Original documents, one copy thereof.

MRD 8-10-98



1. Name of conveying party(ies):  
 William Paul Sherer  
 David R. Brown  
 Richard Reid  
 Glen Connery  
 Chi-Lie Wang

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

2. Name and address of receiving party(ies):  
 Name: 3Com Corporation  
 Internal Address:  
 Street Address: 5400 Bayfront Plaza  
 City: Santa Clara State: California ZIP: 95052-8145

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
 Execution Date: 4/28/97, 4/29/97, 4/30/97

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) 08/846,900 B. Patent No.(s)  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Stephen J. LeBlanc  
 TOWNSEND and TOWNSEND and CREW LLP  
 Two Embarcadero Center, 8th Floor  
 San Francisco, California 94111-3834  
 (415) 576-0200

6. Total number of applications and patents involved:   
 7. Total fee (37 CFR 3.41):..... \$ 40  
 Enclosed  Charge Fees to Deposit Account  
 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account  
 8. Deposit account number: 20-1430

08/13/1998 TTDW11 00000176 201430 08846900  
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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 J. LeBlanc 8/6/98  
 Name of Person Signing Signature Date  
 Atty. Reg. No. 36,579 Total number of pages including cover sheet, attachments, and document:

10. Change Correspondence Address to that of Part 5?  Yes  No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:  
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 Asst. Commissioner for Patents  
 Box Assignments  
 Washington, D.C. 20231

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, William Paul Sherer of 1054 Gardenia Way, Sunnyvale, CA 94086, David R. Brown of 984 Longley Avenue, San Jose CA 95125, Richard Reid, 465 Steirlin Ave., #15, Mountain View, CA 94043, Glenn Connery of 655 S. Fair Oaks B301, Sunnyvale, CA 94086, Chi-Lie Wang of 1602 Garvey Place, San Jose, CA 95132, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: METHOD AND APPARATUS FOR TIME-BASED DOWNLOAD CONTROL

Date(s) of execution of Declaration: 4/28/97 ; 4/29/97

Filing date: 5-1-96 Application No.: 08/846,900 ; and

WHEREAS, 3Com Corporation a California corporation, located at 5400 Bayfront Plaza, Santa Clara, California, 95052-8145, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 4/28/97

William Paul Sherer  
William Paul Sherer

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared **William Paul Sherer**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

Date: 4-28-97

David R. Brown  
David R. Brown

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared **David R. Brown**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

Date: 4/29/97

Richard S. Reid  
**Richard Reid**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared **Richard Reid**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

Date: 4/30/97

Glenn Connery  
**Glenn Connery**

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared **Glenn Connery**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

Date: 4/28/97

Chi-Lie Wang  
Chi-Lie Wang

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

On \_\_\_\_\_, before me, \_\_\_\_\_ (here insert name and title of the officer), personally appeared Chi-Lie Wang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

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