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09-17-2002

U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0011

T

To the Honorable Commissioner of  
thereof.

102224538

d the attached original documents or copy

## 1. Name of conveying party(ies)

Alexander M. Pass

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

9-9-02

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

Name: NETWORK APPLIANCE, INC.Street Address: 495 East Java DriveCity: Sunnyvale State: CA Zip: 94089Additional name(s) & address(es) attached? [ ] Yes  
[X] No10/23/392  
10/23/392  
10/23/392

## 3. Nature of conveyance:

[X] Assignment [ ] Merger

[ ] Security Agreement [ ] Change of  
Name

[ ] Other

Execution Date: 08/30/02

## 4. Application number(s) or patent number(s):

10237392

If this document is being filed together with a new application, the execution date of the  
application is: August 30, 2002.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

5. Name and address of party to whom  
correspondence concerning document should  
be mailed:Weingarten, Schurgin,  
Gagnebin & Lebovici LLP  
Ten Post Office Square  
Boston, Massachusetts 02109

## 6. Total number of applications and patents

Involved [1]

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

[X] Enclosed

[ ] Authorized to be charged to deposit account

## 8. Deposit account number:

(Attach duplicate copy of this page if paying by  
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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.

Attorney Name: David A. Dagg

Registration No. 37,809

Signature:

*David A. Dagg*Date: September 9 2002

Total number of pages including cover sheet, attachments, and document: [3]

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

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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Enclosure  
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PATENT  
REEL: 013284 FRAME: 0821

PATENT

**A S S I G N M E N T**

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I,

Alexander M. Pass, residing at 13 Walker Road, North Andover,  
MA 01845-1964,

hereby sell and assign to NETWORK APPLIANCE, INC., a Delaware corporation, having a principal place of business at 495 East Java Drive Sunnyvale, CA 94089, its successors and assigns, the entire right, title and interest, including the right to claim priority under the International Convention, throughout the United States, its territories and all foreign countries in and to my invention(s) in

**METHOD AND APPARATUS FOR RESTORATION OF LOST BLOCKS IN A MULTICAST DATA TRANSMISSION**

and the application for United States Letters Patent therefor executed by me on August 30, 2002 and identified as Attorney Docket No. NETAP-005XX, and such patents as may issue thereon and all divisions, reissues and continuations and continuations-in-part thereof.

And I hereby covenant that I have full right to make such assignment, and agree for myself and my executors and administrators that I will, at the expense of said NETWORK APPLIANCE, INC., execute all applications for patents in foreign countries, execute all divisional, continuing, reissue and re-examination applications, execute all applications for copyright registration, make all rightful oaths, sign all lawful papers, testify in any proceeding in which said invention or any application or patent directed thereto may be involved, and generally do everything possible to aid said NETWORK APPLIANCE, INC., its successors and assigns, to obtain and enforce proper patent and copyright protection for said invention in the United States, its territories and all foreign countries.

And I hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent on said invention or resulting therefrom to NETWORK APPLIANCE, INC., its successors and assigns.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed  
my seal

Alex Pass  
Alexander M. Pass

Date: 8/30/2002

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