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To the Honorable Commissioner of Patents

102246348

and original documents or copy thereof.

1. Name of conveying party(ies):
Unisphere Networks, Inc.

10/7/02

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

2. Name and address of receiving party(ies)

Name: Juniper Networks, Inc.

Internal Address: _____

Street Address: 1194 N. Mathilda Ave.

City: Sunnyvale State: CA Zip: 94089

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: September 24, 2002

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

If this document is being filed together with a new application, the execution data of the application is:

- A. Patent Application No.(s)
- 09/237,128 09/336,311
 - 09/336,229 09/335,947
 - 09/336,090

B. Patent No.(s)

Additional numbers attached? Yes No

FINANCE SECTION
OCT 27 11 07 AM '02

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

Name: Allen M. Lo

Internal Address: Juniper Networks, Inc.

Street Address: 1194 N. Mathilda Ave.

City: Sunnyvale State: CA Zip: 94089

6. Total number of applications and patents involved: 5

7. Total fee (37 CFR 3.41) \$ 200.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-1763

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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.

Allen M. Lo, Reg. 37,059
Name of Person Signing

Signature

September 27, 2002
Date

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

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

10/09/2002 6T0N11 00000076 501763 09237128
01 FC:581 200.00 CH

Exhibit A

U.S. Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on January 25, 1999, application serial number 09/237,128;

U.S. Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 09/336,229;

U.S. Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number 09/336,090;

U.S. Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 09/336,311;

U.S. Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number 09/335,947;

Australian Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on June 18, 1999, application serial number 46892/99;

Australian Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 46973/99;

Australian Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number 46896/99;

Australian Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 49564/99;

Australian Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/ DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number 46975/99;

Canadian Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on June 18, 1999, application serial number;

Canadian Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 2301911;

Canadian Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number 2301853;

Canadian Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 2301823;

Canadian Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number 2301763;

Chinese Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on June 18, 1999, application serial number 99801389.7;

Chinese Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 99801401.X;

Chinese Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number 99801400.1;

Chinese Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 99801396.X;

Chinese Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number 99801359.5;

European Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on June 18, 1999, application serial number 99930335.7;

European Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 99930429.8;

European Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number 99930340.7;

European Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 99935520.1;

European Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number 99930431.4;

Israeli Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on June 18, 1999, application serial number 134610;

Israeli Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 134611;

Israeli Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number 134612;

Israeli Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number 134615;

Israeli Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number 134616;

PCT Patent Application entitled "NETWORK PACKET FORWARDING LOOKUP WITH A REDUCED NUMBER OF MEMORY ACCESSES" filed on June 18, 1999, application serial number US99/13634;

PCT Patent Application entitled "DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number US99/13857;

PCT Patent Application entitled "AN INTERCONNECT NETWORK FOR OPERATION WITHIN A COMMUNICATION NODE" filed on June 18, 1999, application serial number US99/13641;

PCT Patent Application entitled "A QUALITY OF SERVICE FACILITY IN A DEVICE FOR PERFORMING IP FORWARDING AND ATM SWITCHING" filed on June 18, 1999, application serial number US99/13805;

PCT Patent Application entitled "METHOD AND SYSTEM FOR ENCAPSULATING/DECAPSULATING DATA ON A PER CHANNEL BASIS IN HARDWARE" filed on June 18, 1999, application serial number US99/13859;