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MB No. 0651-0027 (exp. 6/30/2005)

DEPARTMENT OF COMMERCE
Patent and Trademark Office

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P



102920681

1-10-05

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):
Equipe Communications Corporation

Execution Date(s): 12/10/2004
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: CIENA Corporation
Internal Address: _____
Street Address: _____
1201 Winterson Road
City: Linthicum
State: Maryland
Country: USA Zip: 21090
Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s):
A. Patent Application No.(s)
09/574,352 09/574,341 09/574,437 09/574,435
09/595,709 09/595,925 09/613,940 09/614,187
09/613,682 09/613,965 09/616,477 09/625,101
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)
6,639,910 6,694,450 6,654,903 6,671,699
6,601,186 6,742,134 6,715,097 6,708,291
6,332,198 6,760,339 6,658,579 6,658,580

5. Name and address to whom correspondence concerning document should be mailed:
Name: Reza Mollaaghababa
Nutter McClennen & Fish LLP
Internal Address: Atty. Dkt.: 105984-0001
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155 Seaport Boulevard

City: Boston
State: MA Zip: 02210-2609
Phone Number: (617) 439-2514
Fax Number: (617) 310-9514
Email Address: _____

6. Total number of applications and patents involved: 43

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 141449
Authorized User Name _____

9. Signature:

Signature
Date: January 6, 2005
Name of Person Signing: Reza Mollaaghababa
Total number of pages including cover sheet, attachments, and documents: 7

01/13/2005 DBYRNE 00000053 09574352
01 FC:8021 1720.00 DP

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

09/632,954	09/633,155	09/633,675	09/637,800
09/669,364	09/670,455	09/669,861	09/703,856
09/703,531	09/703,600	09/711,054	09/718,224
09/756,936	09/777,468	09/789,665	09/803,783
09/832,436	09/838,320	10/938,160	

Additional Patent Numbers

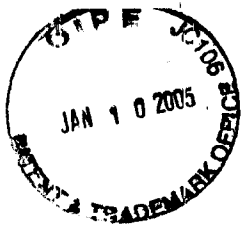
4B. Continued:

Additional numbers attached?

Yes

No

1387272.1



Schedule A

Patent No.	Atty. Docket No.
6,639,910	105984-0805
6,694,450	105984-0800
6,654,903	105984-0804
6,671,699	105984-0801
6,601,186	105984-0806
6,742,134	105984-0797
6,715,097	105984-0798
6,708,291	105984-0799
6,332,198	105984-0807
6,760,339	105984-0809
6,658,579	105984-0803
6,658,580	105984-0802

Application No.	Atty. Docket No.
09/574,352	105984-0774
09/574,341	105984-0775
09/574,437	105984-0776
09/574,435	105984-0777
09/595,709	105984-0817
09/595,925	105984-0778
09/613,940	105984-0818
09/614,187	105984-0808
09/613,682	105984-0816
09/613,965	105984-0821
09/616,477	105984-0819
09/625,101	105984-0822
09/632,954	105984-0779

Application No.	Atty. Docket No.
09/633,155	105984-0780
09/633,675	105984-0781
09/637,800	105984-0782
09/669,364	105984-0786
09/670,455	105984-0787
09/669,861	105984-0788
09/703,856	105984-790
09/703,531	105984-0792
09/703,600	105984-0793
09/711,054	105984-0794
09/718,224	105984-0795
09/756,936	105984-0796
09/777,468	105984-0810
09/789,665	105984-0811
09/803,783	105984-0812
09/832,436	105984-0813
09/838,320	105984-0815
10/938,160	105984-0823

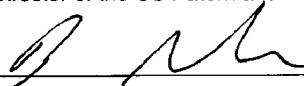
Assignment

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated.

January 6, 2009

Signature:



(Reza Mollaaghataba)

ASSIGNMENT

WHEREAS **Equipe Communications Corporation**, a Delaware corporation, having a principal place of business at 100 Nagog Park, Acton, MA 01720 (hereinafter referred to as ASSIGNOR), is the owner of record of United States Patents and Patent Applications listed below;

AND WHEREAS, **CIENA Corporation**, a corporation of Delaware, whose post office address is 1201 Winterson Road, Linthicum Maryland 21090 (hereinafter referred to as ASSIGNEE), has acquired the entire right, title and interest in and to the above-listed United States Patents and Patent Applications;

NOW, THEREFORE, for good and valuable consideration paid by **CIENA Corporation**, the receipt and sufficiency of which are hereby acknowledged, **Equipe Communications Corporation**, does hereby sell, assign, transfer and convey unto **CIENA Corporation**, in and for the United States and its territories and for all foreign countries, its entire right, title and interest in and to Patents and Patent Applications listed below, in and to inventions therein set forth and in to any patents which may issue on said Applications or any reissue, division, continuation, continuation-in-part of any of said Patents or Patent Applications and all foreign counterparts thereof.

United States Patents

Title	Patent No.	Issue Date
Functional Separation of Internal and External Controls in Network Devices	6,639,910	October 28, 2003
Distributed Process Redundancy	6,694,450	February 17, 2004
Vertical Fault Isolation in a Computer System	6,654,903	November 25, 2003
Shared Database Usage in Network Devices	6,671,699	December 30, 2003
Independent Restoration of Control Plane and Data Plane Functions	6,601,186	July 29, 2003
Maintaining a Local Backup for Data Plane Processes	6,742,134	May 25, 2004
Hierarchical Fault Management in Computer Systems	6,715,097	March 30, 2004
Hierarchical Fault Descriptors in Computer Systems	6,708,291	March 16, 2004
A Network Device for Supporting Multiple Redundancy Schemes	6,332,198	December 18, 2001
Multi-Layer Network Device in One Telecommunications Rack	6,760,339	July 6, 2004
Network Device with Local Timing Systems for Automatic Selection Between Redundant, Synchronous Central Timing Systems	6,658,579	December 2, 2003
Redundant, Synchronous Central Timing Systems with Constant Master Voltage Controls and Variable Slave Voltage Controls	6,658,580	December 2, 2003

United States Patent Applications

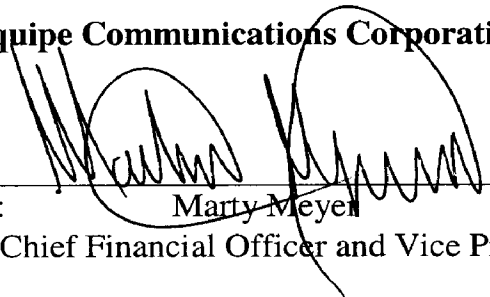
Title	Application No.	Filing Date
Configurable Fault Recovery Policy for a Computer System	09/574,352	May 20, 2000
Policy Based Provisioning of Network Device Resources	09/574,341	May 20, 2000
Decoupling Processes from Hardware with Logical Identifiers	09/574,437	May 20, 2000
Embedded Database for Computer System Management	09/574,435	May 20, 2000
Network Device Including Multiple Mid-Planes	09/595,709	June 16, 2000
Network Device Including Reverse Orientated Modules	09/595,925	June 16, 2000
Network Device Including Central and Distributed Switch Fabric Subsystems	09/613,940	July 11, 2000
Network Device with a Distributed Switch Fabric Timing System	09/614,187	July 11, 2000
Network Device with Embedded Timing Synchronization	09/613,682	July 11, 2000
Method and Apparatus for Low Jitter, Redundant Timing Distribution	09/613,965	July 11, 2000
Upper Layer Network Device Including A Physical Layer Test Port	09/616,477	July 14, 2000
Model Driven Synchronization of Telecommunications Processes	09/625,101	July 24, 2000
Providing Network Management Access Through User Profiles	09/632,954	August 4, 2000
Method for Upgrading Embedded Configuration Databases	09/633,155	August 4, 2000
Integrating Operations Support Services with Network Management Systems	09/633,675	August 7, 2000
Processing Network Management Data in Accordance with Metadata Files	09/637,800	August 11, 2000
Distributed Statistical Data Retrieval in a Network Device	09/669,364	September 26, 2000

Throttling Distributed Statistical Data Retrieval in a Network Device	09/670,455	September 26, 2000
Tracking Distributed Data Retrieval in a Network Device	09/669,861	September 26, 2000
Accessing Network Device Data Through User Profiles	09/703,856	November 1, 2000
Distributed User Management Information in Telecommunications Network	09/703,531	November 1, 2000
Tiered Network Access for Increased Security	09/703,600	November 1, 2000
Network Device Identity Authentication	09/711,054	November 9, 2000
Internal Network Device Dynamic Health Monitoring	09/718,224	November 21, 2000
Network Device Power Distribution Scheme	09/756,936	January 9, 2001
Signatures for Facilitating Hot Upgrades of Modular Software Components	09/777,468	February 5, 2001
Out-of-Band Network Management Channels	09/789,665	February 21, 2001
VPI/VCI Availability Index	09/803,783	March 12, 2001
Common Command Interface	09/832,436	April 10, 2001
Network Device Including Dedicated Resources Control Plane	09/838,320	April 19, 2001
Granular Management of Network Resources	10/938,160	September 10, 2004

And I, Martin Meyer, hereby covenant that I have the right to execute this document on behalf of **Equipe Communications Corporation**, and to convey the interests assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; I hereby further agree at the expense of said ASSIGNEE, to do any additional acts necessary and proper to vest and confirm title of said Patents and Patent Applications in said ASSIGNEE.

Equipe Communications Corporation

By:


Marty Meyer

Chief Financial Officer and Vice President

Date: December 10, 2004

Notary Certificate

_____)
Commonwealth of Massachusetts)
County of Middlesex)
_____)

On this 10th day of December, 2004 before me, the undersigned notary public, personally appeared Marty Meyer, proved to me through satisfactory evidence of identification, which were personally known, to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

Eileen Myers (official signature and seal of notary)
Notary Public
My commission expires: 1-2-2009

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