

03-02-2005

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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):

Inrange Technologies Corporation

Execution Date(s) February 15, 2005

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Computer Network Technology Corporation

Internal Address: _____

Street Address: 6000 Nathan Lane

City: Minneapolis

State: MN

Country: US Zip: 55440

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

4. Application or patent number(s):

A. Patent Application No.(s)

See attached Schedule A

☐ This document is being filed together with a new application.

B. Patent No.(s)

See attached Schedule A

Additional numbers attached? ☒ Yes ☐ No

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

Name: Stephanie J. James

Internal Address: Beck & Tysver, P.L.L.C.

Street Address: 2900 Thomas Avenue S.

Suite 100

City: Minneapolis

State: MN Zip: 55416

Phone Number: 612-915-9633

Fax Number: 612-915-9637

Email Address: _____

6. Total number of applications and patents involved:

46

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 1,840.00

- ☐ 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 500246

Authorized User Name Beck & Tysver, P.L.L.C.

9. Signature:

Stephanie James
Signature

2/21/05
Date

Stephanie J. James

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
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FINANCE SECTION

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Schedule A

of Assignment of Patents, Patent Applications and Inventions

From Inrange Technologies Corporation to Computer Network Technology

Title	Filed	Serial No.	Issued	Patent No.
Australia				
Cross Midplane Switch Topology	3/22/2000	40185/00	6/26/2004	757856
Canada				
Address Mapping and Identification	6/13/2002	2,450,799		
An Apparatus for Voltage Regulation and Recovery of Signal Termination Energy	10/6/2000	2,352,315		
Cross Midplane Switch Topology	3/22/2000	2,332,945		
Deferred Queuing in a Buffered Switch	12/19/2002	2,470,758		
Enhanced Channel Adapter	6/1/2001	2,381,191		
Fibre Channel Address Adaptor Having Data Buffer Extension and Address Mapping in a Fibre Channel Switch	6/1/2001	2,411,361		
Fibre Channel Architecture	8/3/2001	2,387,550		
Fibre Channel Port Adapter	12/20/2001	2,432,153		
High Speed Linking Module	11/16/1999	2,350,821		
Message Queue Server System	6/1/2001	2,381,189		
Method and Apparatus for Imparting Fault Tolerance in a Switch or the Like	8/3/2001	2,419,000		
Method and Apparatus for Rendering a Cell-Based Switch Useful for Frame Based Application Protocols	6/13/2002	2,450,798		
Multiple Arbitration Circuit in a Crosspoint Switch Matrix	8/13/2002	2,460,351		
Port Mirroring in Channel Directors and Switches	6/13/2002	2,450,883		
Europe				
Address Mapping and Identification				
An Apparatus for Voltage Regulation and Recovery of Signal Termination Energy	10/6/2000	00970947.8		
Cross Midplane Switch Topology	3/22/2000	00 919506.6		
Deferred Queuing in a Buffered Switch	12/19/2002	02805619.0		
Fibre Channel Address Adaptor Having Data Buffer Extension and Address Mapping in a Fibre Channel Switch	6/1/2001	01 944242.5		
Fibre Channel Architecture	8/3/2001	01 959531.3		
Fibre Channel Port Adapter	12/20/2001	01989230.6		
High Speed Linking Module	11/16/1999	99971237.5		
Method and Apparatus for Imparting Fault Tolerance in a Switch or the Like	8/3/2001	01957175.1		

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From Inrange Technologies Corporation to Computer Network Technology

Title	Filed	Serial No.	Issued	Patent No.
Method and Apparatus for Rendering a Cell-Based Switch Useful for Frame Based Application Protocols	6/13/2002	02749583.7		
Multiple Arbitration Circuit in a Crosspoint Switch Matrix	8/13/2002	02752796.9		
Port Mirroring in Channel Directors and Switches	6/13/2002	02742029.8		

Japan

Cross Midplane Switch Topology	3/22/2000	2000-607448
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PCT

A Method and Apparatus for Booting a Microprocessor	12/27/2002	PCT/US02/41494
A Method and Apparatus for Configuring Programmable Logic Devices	11/6/2003	PCT/US03/35309
Address Mapping and Identification	6/13/2002	PCT/US02/18660
An Apparatus for Voltage Regulation and Recovery of Signal Termination Energy	10/6/2000	PCT/US00/28604
Cross Midplane Switch Topology	3/22/2000	PCT/US00/07490
Deferred Queuing in a Buffered Switch	12/19/2002	PCT/US02/40519
Enhanced Channel Adapter	6/1/2001	PCT/US01/17903
Fibre Channel Address Adaptor Having Data Buffer Extension and Address Mapping in a Fibre Channel Switch	6/1/2001	PCT/US01/17951
Fibre Channel Architecture	8/3/2001	PCT/US01/24524
Fibre Channel Port Adapter	12/20/2001	PCT/US01/48768
Mediation System for a Telephone Network	10/24/2000	PCT/US00/41490
Message Queue Server System	6/1/2001	PCT/US01/17858
Method and Apparatus for Distributing and Activating Security Parameters	12/19/2003	PCT/US03/40526
Method and Apparatus for Downloading Executable Code in a Non-Disruptive Manner	9/25/2003	PCT/US03/30110
Method and Apparatus for Imparting Fault Tolerance in a Switch or the Like	8/3/2001	PCT/US01/22587
Method and Apparatus for Providing a Virtual Shared Device	12/6/2002	PCT/US02/38974
Method and Apparatus for Rendering a Cell-Based Switch Useful for Frame Based Application Protocols	6/13/2002	PCT/US02/18659
Multiple Arbitration Circuit in a Crosspoint Switch Matrix	8/13/2002	PCT/US02/25516
Port Mirroring in Channel Directors and Switches	6/13/2002	PCT/US02/18655

United States

A Method and Apparatus for Booting a Microprocessor	12/27/2001	10/026,707
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From Inrange Technologies Corporation to Computer Network Technology

Title	Filed	Serial No.	Issued	Patent No.
A Method and Apparatus for Configuring a Programmable Logic Device	11/7/2002	60/424,333		
A Method and Apparatus for Configuring a Programmable Logic Device	11/19/2002	10/299,007		
A Method and Apparatus for Restraining a Data Cable	11/7/2002	60/424,334		
A Method and Apparatus for Restraining a Data Cable	11/19/2002	10/298,646		
Address Mapping and Identification	6/13/2001	60/297,438		
Address Mapping and Identification	12/27/2001	10/026,838		
An Apparatus and Method for Providing Domain Name Services to Mainframe Resource Mapping	12/18/2001	10/017,380		
Apparatus and Method for Grounding EMI/RFI from Data/Signal Cable	11/27/2002	10/305,365		
Apparatus for Energy Recovery in Signal Termination	10/7/1999	60/158,420		
Apparatus for Voltage Regulation and Recovery of Signal Termination Energy	6/6/2000	09/587,952	5/22/2001	6,236,193
Cell-Based Switch for Switching Multi-Cell Frames				
Cooling System	3/26/2001	09/817,542	11/11/2003	6,646,877
Cooling System for a Telecommunications Device	12/8/2000	60/254,091		
Cross Midplane High Speed Matrix Switch	3/25/1999	60/126,142		
Cross Midplane Switch Topology	1/13/2000	09/483,018	11/9/2004	6,816,486
Data Buffer Extension and Address Mapping in a Fibre Channel Switch	6/2/2000	60/209,227		
Deferred Queuing in a Buffered Switch	12/19/2001	10/020,968		
Dynamic Resource Mapping in a TCP/IP Environment	12/27/2000	60/258,437		
Dynamic Resource Mapping in a TCP/IP Environment	12/21/2001	10/024,564		
Enhanced Channel Adapter	6/1/2001	09/872,778		
Enhanced T-3 Channel Adapter Card	6/2/2000	60/209,054		
Fiber Optic Switch	4/28/2000	29/122,449	1/29/2002	D453,146
Fibre Channel Address Adaptor	6/2/2000	60/209,226		
Fibre Channel Address Adaptor Having Data Buffer Extension and Address Mapping in a Fibre Channel Switch	6/1/2001	09/872,863		
Fibre Channel Architecture	8/7/2000	60/223,522		
Fibre Channel Architecture	8/3/2001	09/922,591		
Fibre Channel Port Adaptor	12/20/2000	60/257,023		

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From Inrange Technologies Corporation to Computer Network Technology

<u>Title</u>	<u>Filed</u>	<u>Serial No.</u>	<u>Issued</u>	<u>Patent No.</u>
Fibre Channel Port Adapter	12/20/2001	10/022,195	7/13/2004	6,763,417
High Speed Linking Module	12/15/2000	09/739,081		
High Speed Linking Module	11/16/1999	09/856,079		
Internally Differentiated Classes of Service to Provide Priority Routing to Designated Port Address Pairs				
Message Director	6/2/2000	60/209,173		
Message Queue Server System	6/1/2001	09/872,756		
Method and Apparatus for Distributing and Activating Security Parameters	12/20/2002	10/324,015		
Method and Apparatus for Downloading Executable Code in a Non-Disruptive Manner	8/27/2002	10/228,044		
Method and Apparatus for Downloading Executable Code in a Non-Disruptive Manner	9/24/2002	10/252,430		
Method and Apparatus for Imparting Fault Tolerance in a Switch or the Like	8/3/2001	09/920,751		
Method and Apparatus for Providing a Virtual Shared Device	12/7/2001	10/004,878		
Method and Apparatus for Rendering a Cell-Based Switch Useful for Frame Based Application Protocols	6/13/2001	60/297,454		
Method and Apparatus for Rendering a Cell-Based Switch Useful for Frame Based Application Protocols	11/29/2001	09/995,605		
Multiple Arbitration Circuit	8/13/2001	09/927,359		
Multiplexing System and Method	12/29/2000	60/258,961		
Port Mirroring in Channel Directors and Switches	6/13/2001	60/297,439		
Port Mirroring in Channel Directors and Switches	12/27/2001	10/026,706		
Protocol Analysis Framework	9/7/2000	60/230,839		
Real Time Call Trace Capable of Use with Multiple Elements	12/12/2000	60/254,839		
Real Time Call Trace Capable of Use with Multiple Elements	12/12/2001	10/012,464		

ASSIGNMENT OF INVENTIONS, PATENT APPLICATIONS, AND PATENTS

Whereas, Inrange Technologies Corporation, a New Jersey corporation, ("Inrange") desires to transfer its entire right, title, and interest in all patents, pending patent applications and inventions assigned to Inrange and those in which inventors are obligated to assign to Inrange;

and


Whereas, Computer Network Technology Corporation, a Minnesota corporation, having its principal office at 6000 Nathan Lane, Minneapolis, Minnesota, 55440 ("CNT") is desirous of acquiring the entire right, title and interest in such patents and patent applications.

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, Inrange does hereby assign and transfer unto CNT, the entire right, title, and interest in and to all patents, patent applications and inventions assigned to Inrange and to those patents, applications and inventions to which inventors are obligated to assign to Inrange, including the patents and patent applications listed on the attached Schedule A.

This assignment covers all patents, applications and inventions anywhere in the World, including the United States. Further, this assignment includes any continuations, continuations-in-part, divisionals, or any other further application based in whole or in part on the above invention or application, and any patent rights relating thereto (including utility models and inventors' certificates), whether in the United States or anywhere in the World,

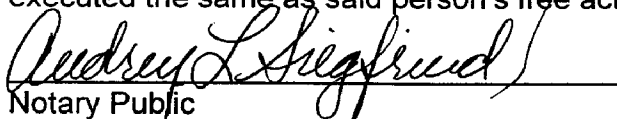
Inrange further agrees for itself and its successors and assigns, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as Inrange may lawfully do, that may be deemed necessary by CNT, its successors, assigns, and nominees, to secure its right, title, and interest in the invention, patent applications and patents, and to obtain or maintain patent rights, utility models, or inventors' certificates in any and all countries;

And Inrange does hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to CNT, as the assignee of the entire right, title, and interest therein.


Name: Gregory T. Barnum
Title: Chief Financial Officer,
Vice President of Finance
and Corporate Secretary

STATE OF MINNESOTA)
COUNTY OF HENNEPIN) ss.

On this 12 day of February, 2005, before me personally appeared the above-named Greg Barnum personally known by me, and known be me to be the person described in and who executed the foregoing instrument, and who acknowledged that said person executed the same as said person's free act and deed, on the day and year aforesaid.


Notary Public



AUDREY L. SIEGFRIED
Notary Public
State of Minnesota
My Commission Expires
January 31, 2010

Page 1